

**PCB Surface Soil Sampling
Report
US Ecology Nevada**

US Ecology Nevada
Beatty, Nevada
Stantec PN: 185702329



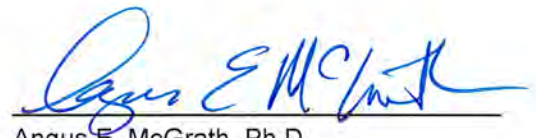
Stantec

September 12, 2011

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Information, conclusions, and recommendations provided by Stantec in this document have been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

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1.0 Introduction

The U.S. Environmental Protection Agency (EPA) Region IX requested in a letter dated March 3, 2009 (EPA March 2009), that as part of their Toxic Substance Control Act (TSCA) permit renewal application and modification, US Ecology (USE) prepare a soil sampling plan to support Endangered Species Act (ESA) and a Screening Level Ecological Risk Assessment (SLERA) requirements at their facility located in Beatty, Nevada. The EPA issued approval of both work plans on October 29, 2010. Following the requested 14-day notice to EPA, preparatory work and field activities were conducted on November 30, 2010, and December 1, 2010. This document summarizes methodologies used and the results obtained from soil sampling and laboratory analysis.

2.0 Background

The US Ecology Nevada (USEN) facility is located in Nye County, Nevada approximately 11 miles south of the unincorporated community of Beatty, Nevada. All surrounding property (up to several miles) consists of flat desert land owned by the federal government and operated as range land by the Bureau of Land Management (BLM). BLM leases portions of land bordering the facility to the State of Nevada as a 400 acre buffer zone which extends approximately 1,300 feet from the facility fence line.

The entire facility covers approximately 80 acres and the perimeter is completely surrounded with at least a 6-foot high chain link fence topped with barbed wire. The base of the fence is bermed with gravel to prevent burrowing animals from gaining access to the facility. Regular inspections and maintenance ensure the integrity of this barrier. Access to the facility is via an entrance from U.S. Highway 95. An unimproved perimeter access road encircles the property. Waste transport vehicles accessing the interior portions of the facility are not allowed to exit the facility until they are confirmed to be free of any contamination as outlined in TSCA Permit Condition #2 (see Figure 1 for the site location).

The facility is currently permitted for the processing and disposal of polychlorinated biphenyls (PCB) articles and fluids. PCBs are currently disposed to Trench 11; however, an application for a permit to dispose of PCBs in the newly-constructed Trench 12 is pending.

In 2005, the U.S. EPA collected grab soil samples from off-site locations near the southeastern corner of the facility. Laboratory analysis identified the presence of PCBs (expressed as Aroclors); however, the source of the PCBs in this area was not determined.

On June 24, 2008, the EPA and the Nevada Department of Environmental Protection (NDEP) conducted a TSCA Section 6(e) PCB inspection of the facility. During the inspection, the EPA collected seven wipe samples from within and just outside Building 10 (the PCB Building) and eight soil samples from locations near the tank farm and on the access road to the east of the facility. Laboratory analysis at the EPA laboratory in Richmond, California identified the presence of PCBs (reported as Aroclors 1248 and 1260 and Total PCBs) at concentrations ranging from 0.94 to 900 milligrams per kilogram (mg/kg) of Total PCBs in soil. Total PCBs were detected in six of seven wipe samples at concentrations ranging from 12.2 to 8,700 micrograms per 100 square centimeters ($\mu\text{g}/100\text{ cm}^2$).

On August 20, 2009, USEN submitted the document entitled, "*Notification-Self Implementing On-site Cleanup and Disposal of PCB Remediation Waste*," to the EPA RCRA Enforcement Office in San Francisco, California. The report documented PCB characterization activities in soil which were performed in conformance with 40CFR § 761.61 (a)(2) and Subpart N. As noted in the document, USEN collected 92 near-surface soil samples within the tank farm. A 3-meter grid was established (40 CFR § 761.265 (a)) to completely overlay the area outside the PCB tank farm along the access road where EPA had previously documented PCBs in soil. A total of 225 near surface soil samples from the following locations:

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- 63 samples from the access road and containment area east of the PCB tank farm;
- 42 samples from the access road and containment berm directly north of the PCB tank farm;
- 50 samples from the access road directly north of the PCB process building (Building 10); and,
- 70 samples directly west of the PCB process building and extending to a distance of 60 feet from the building.

According to USEN, all sampling was performed in accordance with 40 CFR § 761.286. Laboratory analysis was performed by Advanced Technology Laboratories (ATL) of Signal Hill, California; a Nevada-certified laboratory.

Laboratory analysis identified Total PCBs in soils outside the PCB tank farm at concentrations ranging from 0.20 mg/kg (dry-weight basis) to 1,410 mg/kg; however, only five of the 225 samples contained PCBs above the action level of >25 mg/kg (40 CFR § 761.3) established for low occupancy areas.

Total PCBs detected in soil samples collected from within the tank farm ranged from 27.5 to 279 mg/kg. Of the 92 soil samples collected, 33 samples were reported to contain PCBs greater than or equal to the action level of 25 mg/kg.

3.0 Surface Soil Sampling

Surface soil sampling was completed to collect information regarding the presence of PCB congeners (including total PCBs and the 12 dioxin-like congeners) that may have been deposited in selected areas near the south and east portions of the facility.

Based on the data requirements and data quality objectives originally contained in the U.S. EPA's *Notice of Deficiency Comments on US Ecology's Toxic Substances Control Act Permit Renewal Application* dated August 13, 2009, a site-specific approach was developed for a PCB congener study which, along with the Quality Assurance Project Plan was submitted as the Soil Sampling Work Plan, US Ecology Nevada to U.S. EPA Region IX ("Work Plan") on September 2, 2010. Following review and discussion with U.S. EPA, the Work Plan was revised and re-submitted on October 21, 2010. On October 29, 2010, the U.S. EPA issued a letter approval: *U.S. EPA Approval of Screening Level Ecological Risk Assessment and Soil Sampling Work Plans, US Ecology Nevada*. Except where noted below, these procedures were followed during the surface soil sampling conducted on December 1, 2010.

3.1 SAMPLE LOCATIONS

To evaluate the potential presence of PCBs in soil at previously uncharacterized locations at and near the east and south property boundaries, these areas were divided into a total of 11, 100 foot by 200 foot systematic linear sampling grids commencing approximately 200 feet to the north of the north side of the PCB Building (Building 10) and proceeding in a southerly direction. At the southeastern corner of the perimeter access road the grids were aligned in an east-west direction. Since the U.S. EPA recommended that a minimum of 30 increments be collected per grid, the area of each grid was divided by the desired number of increments which yielded spacing between increments of 30 feet along the long axis and 20 feet along the narrow axis. This resulted in collection of 11 multi-increment samples.

In addition, four irregular-shaped grids were established in the same manner described above to evaluate soil at and near roll-off bin storage areas (identified as Roll off #1 through #3). Although the grid size in these areas was smaller (approximately 50 by 100 feet), they were divided such that 30 increment samples could be collected.

The initial grid location was established by measuring distances from a site benchmark, in this case, the northern corner of the PCB Tank Farm. In accordance with EPA communications, subsequent grid boundaries were established using a measuring wheel rather than a hand-held GPS device as specified in the Work Plan. Figure 2 provides a site plan with the proposed sampling grid locations and Figure 3 shows the site plan with the proposed order of sampling for each grid.

During grid layout, it was noted that a recently-used dirt road bisected grid USEN E/W 08. With concurrence of the EPA on-site representative, the grid was not re-aligned and the required number of increments was collected from a smaller area.

3.2 SOIL SAMPLING

Soil sampling took place on December 1, 2010. Grids were sampled by two field personnel each with their own equipment and supplies. One additional staff person was dedicated to sample preparation including screening and homogenizing soil in order to maintain consistency throughout the sampling effort. On-site personnel consisted of:

- Patrick H. Vaughan – Stantec Consulting Corporation
- Khamly Chuop – Stantec Consulting Corporation
- Edward Lopez – Stantec Consulting Corporation
- Katherine Baylor – U.S. EPA, Region IX

Surface and near-surface soil samples were collected from 0 to approximately 1 inch below the ground surface using metal trowels. To avoid the need for decontamination, one trowel was used for each grid. Sampling locations were extended laterally to collect sufficient soil for analysis (approximately 1 kilogram/grid). Grids designated as Roll-off (RO) # 1-3 were located on compacted gravel/soil and required collection of approximately two kilograms to yield a sufficient volume of soil for analysis following removal of gravel of ¼-inch or greater size.

In accordance with EPA comments on the Soil Sampling Work Plan (EPA, June 2010), collected soil was first passed through a #18 screen and into a single-use aluminum bowl to remove larger particles and debris; however, due to the nature of the desert soil in the areas sampled the majority of soil particles were relatively uniform in size and easily passed through the screen. Homogenizing of the multi-increment soil samples was performed on-site by scraping soil from the center of the bowl to the sides followed by re-mixing in the center.

Surface soil sampling was performed in accordance with the Quality Assurance Project Plan (QAPP) included in the Work Plan.

3.2.1 Field Quality Control Samples

No sampling equipment was re-used and as such no equipment blanks were collected. Duplicate samples were collected from grid locations USEN-N/S-02, USEN-N/S-04, and USEN-E/W-06 by collecting approximately twice the soil volume at each increment location followed by on-site screening and homogenizing. Duplicate samples were submitted blind to the project laboratory with sample numbers as follows: USEN-N/S-02-2, USEN-N/S-04-2, and USEN-E/W-06-2.

3.2.2 Sample Nomenclature

Soil sample numbers for this project begin with USEN followed by a dash, the transect direction (E/W or N/S), the grid identification number and the sample jar number (where more than one container of homogenized soil is prepared). For example, the composite sample collected from grid 5 would be identified as USEN/S-05-1.

4.0 Results

All soil samples were submitted to Columbia Analytical Services in Kelso, Washington. Following laboratory preparation of multi-increment samples in accordance with guidance documents provided by EPA (Hawaii, 2008) and CAS Standard Operating Procedures, all samples were forwarded to the Columbia Analytical Services Laboratory in Houston, Texas for analysis of individual PCB congeners using EPA Method 1668 Revision A High Resolution Gas Chromatograph (HRGC) / High Resolution Mass Spectrometer (HRMS). The 12 coplanar congeners having dioxin-like activity were quantified and reported along with results expressed as Total PCBs. All results were reported on a dry-weight basis as nanograms per kilogram (ng/kg) or parts per trillion (ppt). Table 1 provides a summary of the PCB congener data and Table 2 summarizes the results for the 12 dioxin-like PCB congeners and Total PCBs.

In accordance with the Work Plan, all of the sampling and analytical data were subjected to a thorough data validation process by an external third party, Diane Short & Associates of Denver, Colorado. The validation review was performed to identify data quality issues for specific samples and/or sample batches and included a check of holding times, sample preservation methods, blank contamination, matrix spike and duplicate analysis, initial and continuing calibrations, and review of chromatograms and calculations regarding quantitation of each compound. Finally a review of field QC was performed.

Noteworthy findings of the data validation include:

- ❑ Low levels of various congeners were identified in the method blank associated with batch 2011a which was run on January 14, 2011. However the validator concluded that the method blank levels are not significant compared to the levels observed in the associated samples.
- ❑ Several of the standards are out of the recovery range and appear to be due to effects of dilution since the associated targets were achieved in undiluted samples. These instances still produced a signal to noise (S/N) ratio >10 and do not impact results.
- ❑ The suggested relative percent difference (RPD) of 50 percent for soil samples between primary and field duplicate samples was not achieved for a number of congeners in duplicate USEN-N/S-02 and three congeners (or groups) in field duplicate USEN-E/W-06-2. No qualifiers were assigned for these but the validator considers the difference to be an indicator of some precisions issues.
- ❑ The overall assessment of data quality indicates that the laboratory has followed the method; qualifiers have been added to the data but no data has been rejected; and, the data is fully usable after considerations of qualifiers.

The complete data quality review report is provided in Appendix A of this document.

Table 2 presents the concentrations of the 12 dioxin-like congeners and Total PCBs reported for each of the multi-increment samples collected on December 1, 2010. A copy of the EDD' from Columbia Analytical Services including all analytical data and chain-of-custody forms is provided in Appendix B.

4.1 GENERAL CHEMISTRY PARAMETER

One sample (USEN-N/S-04-2) was submitted to the project laboratory for analysis of Total Organic Carbon by U.S. EPA Method 9060M. This sample was collected from the approximate center of the linear sampling grid distance. Surface soil in this grid location was indistinguishable from soils present in the other grids and following passage through the #18 screen consisted of very dry sand without gravels or visible vegetation. Laboratory analysis identified total organic carbon at 2,040 mg/kg reported on a dry-weight basis.

4.2 TOTAL PCBs

With the exception of grid E/W-09, results expressed as Total PCBs were relatively uniform across all grids and varied from 117,000 to 563,000 ng/kg (median = 343,000 ng/kg). Total PCBs for grid E/W-09 were reported to be 801,000 ng/kg. Consistent with the variety of sources and age of PCBs disposed at the facility, there was considerable variation in individual congeners (or groups of congeners) reported for each multi-increment sample although the highest variation was reported for tri- through octa-chlorinated biphenyls.

Reported Total PCB concentrations for all multi-increment samples were well below the 25 mg/kg action level established for low occupancy areas (40 CFR § 761.3) and below the <1 mg/kg clean closure standard without the need for further conditions for soils in high occupancy areas (40 CFR § 761.61 (a)(4)(i)(A) and § 761.61 (a)(4)(ii)).

4.3 DIOXIN-LIKE CONGENERS

All 12 dioxin-like congeners were detected in at least one of the multi-increment samples. The relative concentrations for each were substantially variable across all multi-increment samples; however, the ratio of total dioxin-like congeners to total PCBs reported for each grid was relatively uniform and varied, with the exception of grid E/W-08, from 2.8 percent to 9.0 percent with an overall standard deviation of 0.04. The multi-increment sample collected from grid E/W-08 contained greater than 21 percent dioxin-like congeners although the reason(s) for this is not known.

Consistent with a recent national study of PCBs in rural soils conducted by EPA (EPA April 2007), the highest concentration dioxin-like congeners consisted of (in order of abundance): PCB-118, PCB-105, PCB-156/157, and PCB-77.

5.0 Identification of Source(S) for Off-Site PCB Soil Contamination

A focused conceptual site model (CSM) was developed as part of the Soil Sampling Work Plan to derive, in part, possible scenarios which may explain the previously-identified presence of PCBs in soils at off-site locations. At the request of the U.S. EPA (*Notice of Deficiency US Ecology Nevada-March 3, 2009 Toxic Substances Control Act Permit Application, August 13, 2009-Key Concerns #7*), this section incorporates visual observations and empirical data collected as part of the current surface soil sampling and analysis along with a refinement of the CSM to evaluate potential source(s) and mechanisms for chemical release transport mechanisms and possible mitigation measures to prevent future releases.

5.1 POTENTIAL SOURCE AREAS

Building 10 (PCB Processing)

USEN operates as a commercial storer of PCB waste generated and owned by others and brokered for purposes of disposal. The facility is authorized to store up to 1872, 55-gallon drums of liquid and or solid PCB waste at any one time within PCB Storage and Processing Building (PSPB). The PSPB is a completely covered structure with a sealed concrete floor. The facility also receives electrical transformers and removes the PCB-containing liquids which are then transferred to the PCB tank farm.

PCB Tank Farm

USEN is allowed to store PCB-containing liquids in an outdoor tank farm. The tank farm consists of two 7,500-gallon, two 5,000-gallon, and one 3,000-gallon tanks placed directly on soil. Tank containment is provided by 24-inch sidewalls constructed of sand and high density polyethylene (HDPS) liners. PCB-containing liquids removed from electrical transformers within Building 10 are transferred to the tanks until they are transported by tanker trucks off-site for incineration. Tanker trucks park on soil adjacent to the tank farm during transfer of liquid from the tanks to trucks via hoses.

Trench (Cell) 11

USEN has TSCA approval for the storage of non-liquid PCB waste in Cell 11; an approximately 11.3 acre landfill fitted with a double liner, leachate collection, and removal system.

5.2 Potential Release and Transport Mechanisms

Visual observations and evaluation of the magnitude and distribution of PCBs in surface soil suggest that the following release and transport mechanisms are potentially present at the facility:

- Vehicle Entrainment.** At the time of field sampling, trucks were observed leaving the interior of facility via a dirt driveway which connects to an unimproved perimeter access road. Considerable dust was generated which at that time was carried toward and appeared to extend to grid

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locations E/W 08 through E/W 11. Any PCBs present in surface soil within the facility could be entrained by the trucks and subsequently deposited in air.

Incidental leaks to the concrete floor in Building 10 during removal of PCB-containing liquid in transformers could also be transported by lift-trucks or other equipment to surface soil outside the building during transfer to the holding tank.

- ❑ **Wind erosion and transport.** Despite precautions taken at the facility, it is possible that non-wetted soils containing PCBs could be eroded by wind, suspended, and distributed off-site by deposition of soil particles. For example, although Cell 11 is authorized for disposal of non-liquid PCB's, dust generated during application of wastes could cause transport of PCBs to downwind locations. Wind transport provides a reasonable explanation for the observed widespread detections of PCBs at low concentrations.

- ❑ **Releases of PCB-containing liquids to soil during transfer from tanks to tanker trucks.** Tanker trucks park on soil adjacent to the tank farm during hose hook-up and liquid transfer. Minor leaks at hose connection points could result in accumulation of PCBs in soil in this area.

- ❑ **Surface Runoff.** In addition to the mechanisms described above, PCBs in soil may be transported off-site by surface water runoff. No runoff channels were visible in grids located across the perimeter access road; however, grids located immediately down slope of Building 10 and outside the fence line (Roll-off #1, #2 and #3) consist of very compacted gravels. However, PCBs detected in multi-increment samples collected from these grids are very similar to other grid locations and do not indicate preferential accumulation of PCBs in these locations.

6.0 References

EPA, April 2007. *Pilot Survey of Levels of Polychlorinated Dibenzo-p-dioxins, Polychlorinated Dibenzofurans, Polychlorinated biphenyls, and Mercury in Rural Soils of the United States.* EPA/600/R-05/048F.

EPA March 2009. *Notice of Deficiency, US Ecology Nevada-March 3, 2009 Toxic Substances Control Act Permit Application ("TSCA Application"),* August 3, 2009, U.S. EPA Region IX.

EPA June 2010. *Comments on February 3, 2010 Soil Sampling Work Plan.*

Hawaii, 2008. *Technical Guidance Manual for the Implementation of the Hawai'i State Contingency Plan, Section 4 Soil Sample Collection Approaches,* Hawaii State Department of Health, November 12, 2008.

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TABLES

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**Table 2. Dioxin-Like PCB Congeners and Total PCBs
US Ecology Nevada Beatty, Nevada Facility
(all results expressed as nanograms per kilogram-ng/kg)**

Congener #	SAMPLE IDENTIFICATION																																	
	All Results Expressed as Nanograms Per Kilogram [ng/kg]																																	
	N/S-01-1	Q	N/S-02-1	Q	N/S-02-2	Q	N/S-03-1	Q	N/S-04-1	Q	N/S-04-2	Q	N/S-05-1	Q	E/W-06-1	Q	E/W-06-2	Q	E/W-07-1	Q	E/W-08-1	Q	E/W-09-1	Q	E/W-10-1	Q	E/W-11-1	Q	RO-01-1	Q	RO-02-1	Q	RO-03-1	Q
PCB 81	23.6	J	69.3	J	70.4	J	48.6	J	77.5	J	37.6	J	48.9	JK	88.8	J	76.9	J	27.6	J	143	J	159	JK	83.1	J	<478		38.2	J	13.9	JK	8.86	J
PCB 77	610		1,650		1,640		1,240		1,690		957		1,220		1840		1820		838		4040		5080		2660		757		859		472		297	J
PCB 123	67.3	J	147	JK	179	J	207	J	150	JK	101	J	142	J	208	J	220	J	97.0	J	467	JK	643		287	J	98.3	J	158	J	101	JK	48.0	J
PCB 118	3,450	B	9,770	B	8,980	B	9,870	B	8,280	B	5,050	B	6,250	B	9,240	B	9050	B	3,940	B	24,400	B	26,600	B	11,400	B	3,780	B	5,150	B	4,020	B	1,830	B
PCB 114	125	J	355	J	306	J	385	J	360	JK	211	J	196	JK	374	J	362	J	142	J	796		1010		442	J	141	J	148	JK	132	J	58.6	JK
PCB 105	1,790	B	5,150	B	4,640	B	5,550	B	4,750	B	2,960	B	3,720	B	5,500	B	5420	B	2,510	B	15,700		17,200	B	6,830	B	2,230	B	3,540	B	2,810	B	1,160	B
PCB 126	115	J	292	J	274	J	242	J	231	J	153	J	176	JK	208	J	192	J	75.5	J	316	J	325	J	142	J	54.2	J	74.0	JK	99.9	J	33.9	J
PCB 167	488		1,270		1,030		1,300		1,200		842		1,030		1,170		1200		425	J	1,760		1,560		579		252	J	778		757		359	J
PCBs 156 + 157	1,020		2,770		2,210		2,940		2,440		1,700		2,080		2,630		2580		987		4,740		4,300		1,550		622		1,600		1,700		739	
PCB 169	45.6	J	130	J	91.9	J	64.0		72.4	JK	31.6	J	51.9	JK	63.3	J	77.6	J	<478		<496		<498		291	JK	<478		<425		<466		24.2	J
PCB 189	201	J	555		423	J	559		540		408	J	490		604		583		186	J	189		595		204	J	91.3	J	382	J	444	J	212	J
Total Mono CB	558		1,820		1,460		1,540		5,160		683		2,420		2,440		2990		152	J	916		848		153	J	200		1,100		601		514	
Total Di CB	3,660		11,400		9,930		7,660		29,200		4,670		11,300		13,600		18000		2,060		16,300		16,200		4,190		3,240		6,230		2,360		3,200	
Total Tri CB	10,500		34,400		30,800		21,200		56600		18,700		31,100		41,500		48600		11,200		72,500		81,200		23,100		13,600		22,800		9,410		10,100	
Total Tetra CB	16,500		50,600		51,100		38,000		60700		32,000		45,000		67,900		74800		26,500		158,000		188,000		73,600		25,400		37,200		18,700		14,100	
Total Penta CB	20,100		59,500		55,100		57,400		55,900		32,900		43,700		59,100		66300		24,900		155,000		158,000		60,300		20,800		45,200		33,200		16,000	
Total Hexa CB	42,200		126,000		95,400		113,000		120,000		79,300		102,000		107,000		136000		54,400		154,000	*	179,000		50,000		27,600		109,000		120,000		43,400	
Total Hepta CB	40,200		115,000		85,400		115,000		125,000		91,500		113,000		131,000		167000		47,600		90,500	*	136,000		38,900		20,500		96,800		108,000		62,800	
Total Octa CB	11,700		32,500		24,500		31,400		34,400		25,500		29,700		36,900		46000		11,600		45,900		37,600		11,000		5,370		23,000		25,500		17,300	
Total Nona CB	922	J	2,350		1,860		2,200		2,340		1,730		2,090		2,620		2690		975		3,830		3,150		1,120		561	J	1,510		1,860		1,040	
TOTAL PCBs	147,000		434,000		356,000		388,000		490,000		287,000		380,000		463,000		563000		180,000		245,000		801,000		263,000		117,000		343,000		319,000		168,000	

Notes:

All analysis by US EPA Method 1668A

 = Dioxin-Like PCB Congener

CB = Chlorinated Biphenyls

Data Qualifiers: B Analyte found in associated method blank at a level that is significant relative to sample results as defined by DOD or NELAC standards

J The result is an estimated value that was detected outside the quantitation range.

K EMPC-When ion abundance ratios associated with a particular compound are outside QC limits. Indicates an estimated maximum possible concentration for the associated compound.

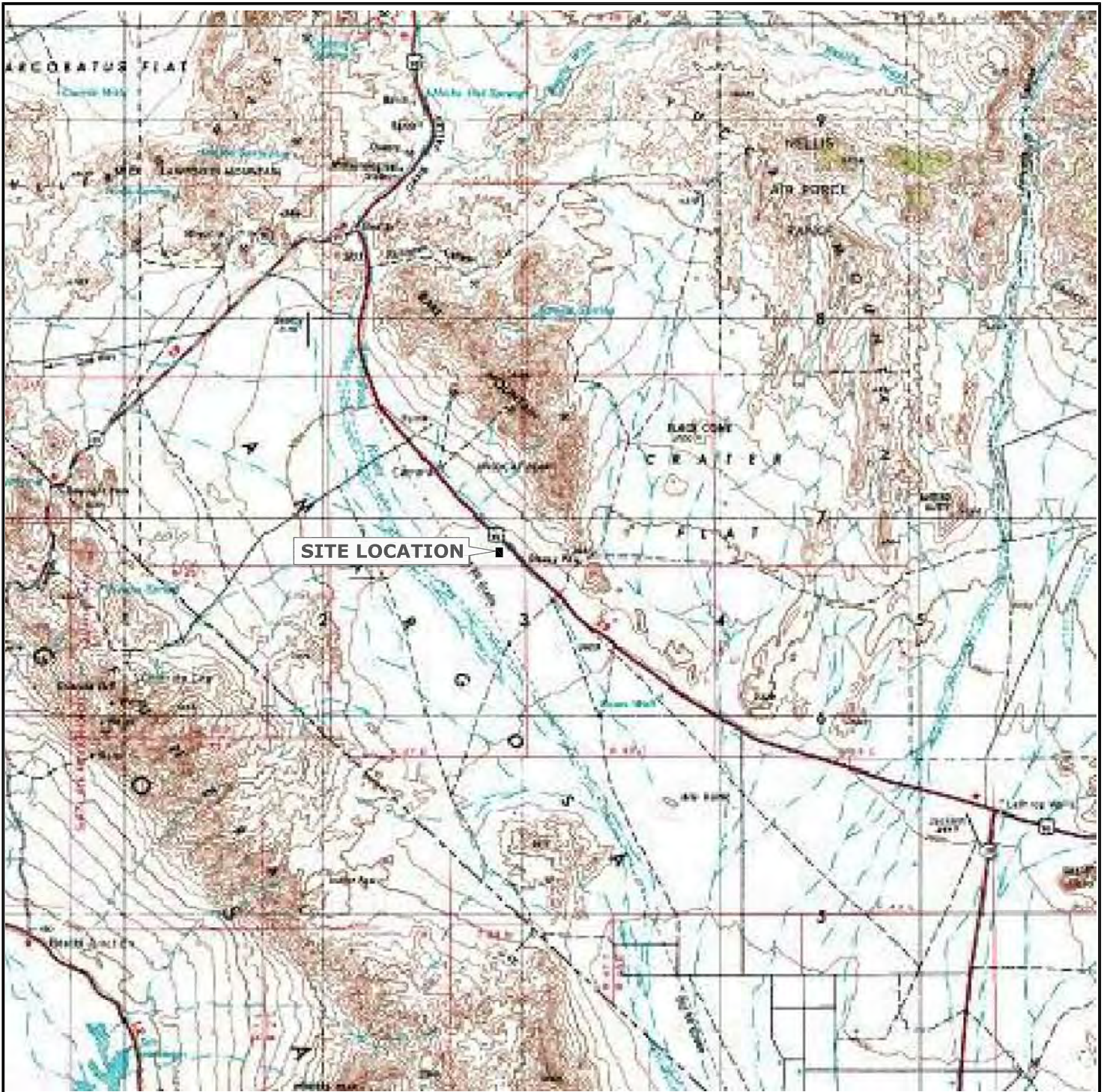
* Value is based on sample dilution due to elevated concentrations of target analytes.

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FIGURES

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0 8 16



APPROX. SCALE (MILES)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE; BEATTY, NEVADA; 1983



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7730 SW MOHAWK STREET
TUALATIN, OREGON
PH (503) 691-2030 FAX (503) 692-7074

FOR:
US ECOLOGY NEVADA, INC.
HAZARDOUS WASTE
MANAGEMENT FACILITY
BEATTY, NEVADA

JOB NUMBER:
185702176

DRAWN BY:
DJH

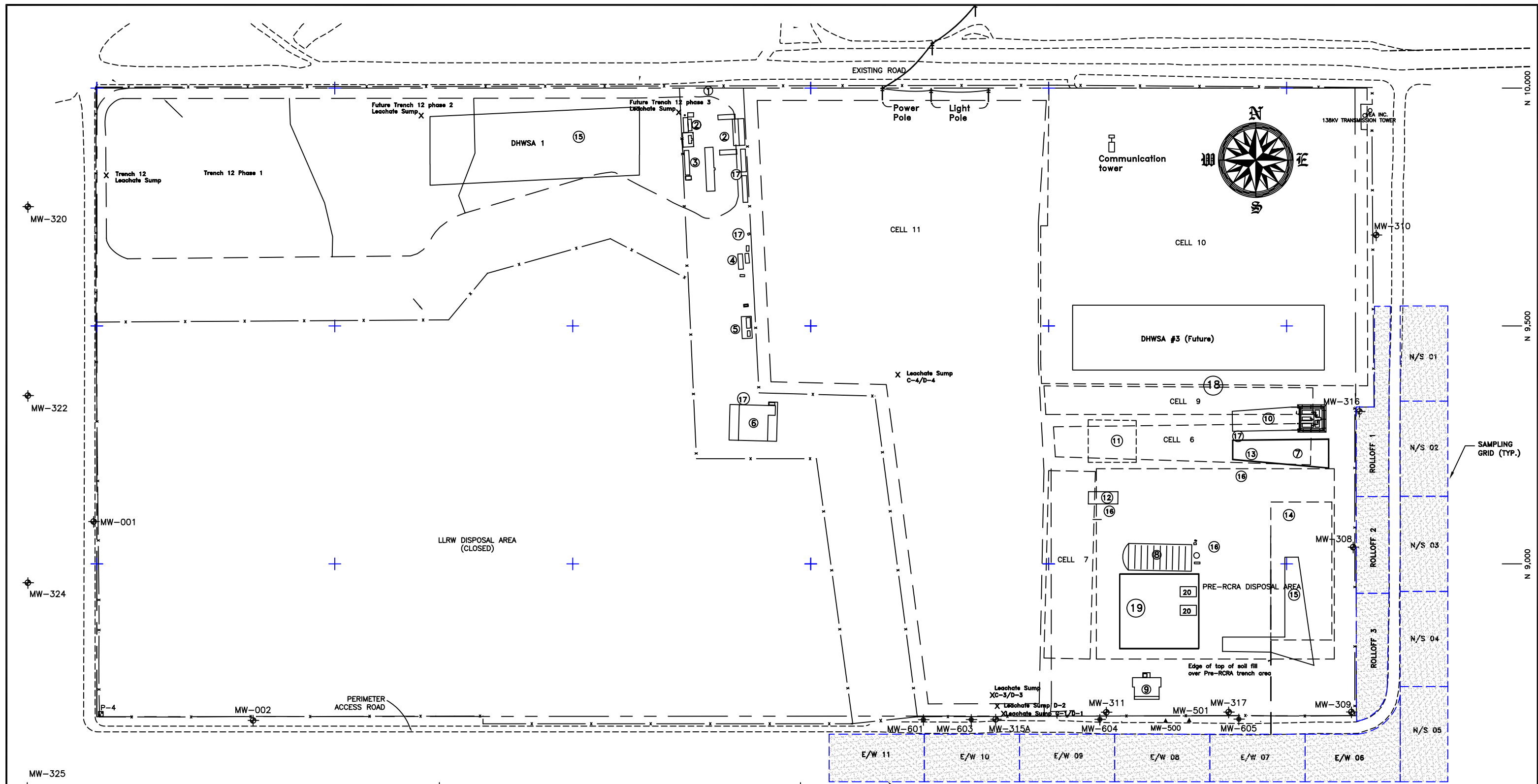
CHECKED BY:
AM

APPROVED BY:
PHV

FIGURE:

1

DATE:
12/18/09



LEGEND

MONITORING WELL COORDINATES -
WGS84 (SEPTEMBER 21, 2008)
Garmin etrex GPS unit (Accuracy per unit 13-16')


- PERMIT LINE
- x- FENCE LINE
- - - UNIMPROVED ROAD
- + POINT OF COMPLIANCE
- + SITE COORDINATE SYSTEM MARKER LOCATION IN NORTHING AND EASTING
- x LANDFILL LEACHATE MANAGEMENT SUMP
- MW-002 DETECTION MONITOR WELL LOCATION AND NUMBER
- MW-603 SUPPLEMENTAL MONITOR WELL LOCATION AND NUMBER
- MW-500 VADOSE ZONE MONITOR WELL LOCATION AND NUMBER
- B96-1 CORRECTIVE ACTION BORING LOCATION AND NUMBER
- TO BE ABANDONED OR REMOVED FROM SAMPLING
- TO BE ADDED

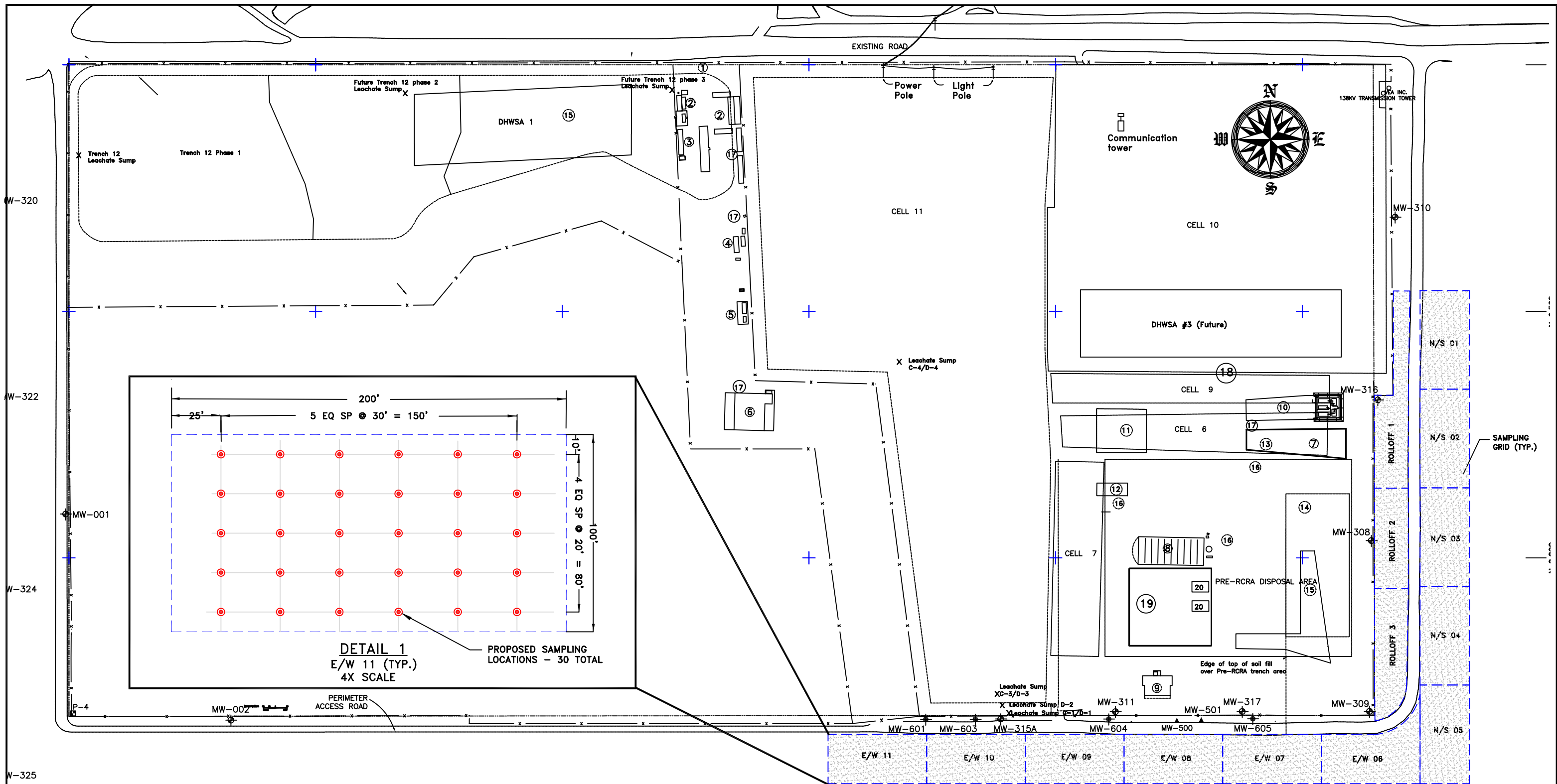
- ① MAIN SITE ENTRANCE
- ② ADMINISTRATION OFFICES
- ③ DRIVERS LOUNGE
- ④ LABORATORY AND LAB STORAGE
- ⑤ FUEL STORAGE
- ⑥ MAINTENANCE SHOP
- ⑦ LOW TEMPERATURE THERMAL DESORPTION
- ⑧ TRUCK PARKING PAD (CMU #7)
- ⑨ EVAPORATION TANK (T-11)
- ⑩ PCB BLDG (CMU #1)
- ⑪ STABILIZATION TANKS 2 & 3
- ⑫ STABILIZATION TANK 1
- ⑬ THERMAL TREATMENT AREA
- ⑭ LOW TEMPERATURE THERMAL DESORPTION FUTURE EXPANSION
- ⑮ DRY HAZARDOUS WASTE STORAGE AREA
- ⑯ REAGENT STORAGE SILOS
- ⑰ FIRE CONTROL HYDRANT

- ⑱ SVE WELL
- ⑲ CMS BLDG (CMU #16)
- ⑳ TREATMENT TANKS 4 & 5

Description 100 50 0 100
SCALE FEET

SEE FIGURE 3 FOR
SAMPLE LOCATIONS FOR
EACH OF THE 100 x
200 FT AREA (TYP.)

 Stantec 9400 SW BARNES ROAD PORTLAND, OREGON PH (503) 297-1631/FAX (503) 297-5429	FOR:		US ECOLOGY NEVADA, INC. HAZARDOUS WASTE MANAGEMENT FACILITY BEATTY, NEVADA		FIGURE: 2
	JOB NUMBER: 185702176	DRAWN BY: DJH	CHECKED BY: AM	APPROVED BY: PHV	



LEGEND
 MONITORING WELL COORDINATES -
 WGS84 (SEPTEMBER 21, 2006)
 UTM Zone 18N, UTM Datum (Accuracy per unit 13"-16")

- PERMIT LINE
- x- FENCE LINE
- UNIMPROVED ROAD
- POINT OF COMPLIANCE
- SITE COORDINATE SYSTEM MARKER LOCATION IN NORTHING AND EASTING
- LANDFILL LEACHATE MANAGEMENT SUMP

- MW-002 DETECTION MONITOR WELL LOCATION AND NUMBER
- MW-603 SUPPLEMENTAL MONITOR WELL LOCATION AND NUMBER
- MW-500 VADOSE ZONE MONITOR WELL LOCATION AND NUMBER
- B96-1 CORRECTIVE ACTION BORING LOCATION AND NUMBER
- TO BE ABANDONED OR REMOVED FROM SAMPLING
- TO BE ADDED

- ① MAIN SITE ENTRANCE
- ② ADMINISTRATION OFFICES
- ③ DRIVERS LOUNGE
- ④ LABORATORY AND LAB STORAGE
- ⑤ FUEL STORAGE
- ⑥ MAINTENANCE SHOP
- ⑦ LOW TEMPERATURE THERMAL DESORPTION
- ⑧ TRUCK PARKING PAD (CMU #7)
- ⑨ EVAPORATION TANK (T-11)
- ⑩ PCB BLDG (CMU #1)
- ⑪ STABILIZATION TANKS 2 & 3
- ⑫ STABILIZATION TANK 1
- ⑬ THERMAL TREATMENT AREA
- ⑭ LOW TEMPERATURE THERMAL DESORPTION FUTURE EXPANSION
- ⑮ DRY HAZARDOUS WASTE STORAGE AREA
- ⑯ REAGENT STORAGE SILOS
- ⑰ FIRE CONTROL HYDRANT

- ⑱ SVE WELL
- ⑳ TREATMENT TANKS 4 & 5
- ㉑ CMS BLDG (CMU #16)

Description 100 50 0 100
 SCALE FEET

9400 SW BARNES ROAD
 PORTLAND, OREGON
 PH (503) 297-1631/FAX (503) 297-5429

FOR:
 US ECOLOGY NEVADA, INC.
 HAZARDOUS WASTE
 MANAGEMENT FACILITY
 BEATTY, NEVADA

JOB NUMBER: 185702176
 DRAWN BY: DJH

**SITE PLAN WITH
 SAMPLE POINTS WITHIN GRID (DETAIL 1)**

CHECKED BY: AM
 APPROVED BY: PHV

FIGURE:
3

DATE:
 6/11/10

Stantec

**PCB SURFACE SOIL SAMPLING REPORT
US ECOLOGY NEVADA**

APPENDIX A
Short and Associates Organic Data Quality Review

PCB Surface Soil Sampling Report

US Ecology Nevada

Beatty, Nevada

Stantec PN: 185702329 300.0001

September 12, 2011

**ORGANIC DATA QUALITY REVIEW REPORT
PCB CONGENERS by EPA 1668A**

PROJECT NO: USEN/185702329.200.0001

CASE NO.: K1013433

PROJECT: Stantec Consulting Group, Inc., USEN/185702329.200.0001

LABORATORY: Columbia Analytical Services, Houston, TX

SAMPLE MATRIX: 17 Soil Samples

SAMPLING DATE (Month/Year): December, 2010

ANALYSES REQUESTED: PCB CONGENERS by EPA 1668A

SAMPLE NO.: See List attached

DATA REVIEWER: John Huntington

QA REVIEWER: Diane Short & Associates, Inc. INITIALS/DATE: _____

Telephone Logs included Yes ___ No X

Contractual Violations Yes ___ No X

The EPA Laboratory Data Validation Functional Guidelines for Evaluating Organic Analyses, 1988 (SOP an internal 1991 draft Dioxin and Furan Standard Operating Procedure and the EPA SW 846 Methods for Evaluating Solid Waste, Physical/ Chemical Methods Third Edition, 1990, and current editions have been referenced by the reviewer to perform this data validation review. The EPA Region 3 Interim Data Validation Guidelines for Method 1668 has been followed, the EPA Region 10 SOP for the Validation of Method 1668 Toxic, Dioxin-like, PCB Data has been consulted, and Method 1668A has been consulted. The EPA qualifiers have been expanded to include a descriptor code and value to define QC violations and their values, per the approval of the Project Manager and EPA-approval. Per the Scope of Work, the data validation of these samples is Level IV.

I. DELIVERABLES

All deliverables were present as specified in the Statement of Work (SOW) or in the project contract.

Yes No

High-Resolution GCMS setup was performed as specified in the method. This includes maximum retention time requirements, mass resolution and accuracy, and chromatographic resolution checks. Please see section IX for details.

Laboratory reports were provided in pdf format, and in the form of electronic deliverables (EDDs). This includes tabular style EDDs.

Results for soils are provided on a dry weight basis, but the % moisture content has not been provided in the results.

II. ANALYTICAL REPORT FORMS

The Analytical Report or Data Sheets are present and complete for all requested analyses.

Yes No

III. HOLDING TIME AND CASE INFORMATION

1. Samples were received intact, with the required preservation and temperature.

Yes No

The method specifies that samples are to be kept at $<4^{\circ}\text{C}$ until they are received at the laboratory.

Although not directly applicable to this method, 40CFR now specifies that samples be held at $<6^{\circ}\text{C}$ until laboratory receipt. The cooler temperature on lab receipt was recorded by two thermometers as 14.9 and 15.1°C .

The samples were in transit for approximately 24 hours so the temperature excursion could have been at least 24 hours. The samples were taken on 12/1 and shipped on 12/2/2010 and there is no documentation in the data package about how they were stored prior to shipment. Therefore they may have been out of the specified temperature range for as much as 48 hours.

PCB congeners are largely nonvolatile and do not biodegrade at significant rates under these conditions. Therefore it is highly unlikely that these deviations from method would produce any bias in the PCB congener content or composition.

The references used for validation guidance indicate that specific holding times and sample preservation requirements have not been established for PCB congeners. Further, these methods are not specifically addressed in 40CFR regulations.

Professional judgment is that the temperature, although significantly above the normal upper limit of 6°C for environmental samples, is not sufficiently high to have caused measurable degradation of PCB congeners. Therefore, the temperature outlier is noted and samples are not qualified.

Method 1668A specifies that samples may be held up to 1 year if properly stored and preserved. The method instructs that solid samples should be frozen. In the Case Narrative it indicates that

these samples were stored under refrigeration (4°C).

Since all samples were extracted in just over 1 month from sampling and the method allows 1 year, no qualifiers have been added despite the fact that the samples were not kept frozen for that period. PCB congeners are extremely stable and do not normally degrade under these conditions.

2. Samples were extracted and analyzed within the Method holding time limits.

Yes No

IV. CHAIN-OF CUSTODY

The chains of custody were submitted and are complete with dates and signatures.

Yes No

Documentation was in order. The laboratory indicates on the Sample Receipt checklist that there were two samples received not on the chain of custody. According to the note, these are USEN-E/S-10-1 and USEN-E/W-06-2. The note indicates also that the laboratory did not receive USEN-E/W-10-1.

Additional notes on the Sample Receiving Checklist and on the Chain of Custody indicate that sample USEN-E/W-10-1 shown on the Chain was actually sample USEN-E/S-10-1, resolved by communication with the client and logged in as such. In addition, the sample USEN-E/W-06-2 was added to the Chain (with appended signature and note) per the client request.

These actions appear to have properly resolved the sample identification issues. No qualifiers are issued.

V. BLANK

1. Method blanks were free of contamination.

Yes No

The method blank had detectable levels of contaminants, as shown in Table 1. Results in associated samples are qualified as UMB#, where # is the method blank level corrected for dilution, whenever the result in the sample is less than 5x the method blank level. Such results are shown in Table 2 and may be used as nondetected values, with the result considered to be less than the value measured in the sample. Thus if the sample result is 0.1 pg/g but the result is qualified as UMB# due to an associated method blank, the result should be regarded as < 0.10 pg/g.

Because the levels in samples are significantly higher than those in the method blanks, qualifiers have only been applied to PCB-11 as shown in Table 2. This effectively means that the method blank levels are not significant compared to the level observed in the associated samples, unless qualifiers are present.

TABLE 1. METHOD BLANK CONTAMINANTS OBSERVED IN PCB ANALYSES – SOIL SAMPLES

Test Name	BATCH	Run Date	Target	Result	Units	Flag
1668A	2011a	1/14/2011	PCB 11	156	ng/Kg	J

Test Name	BATCH	Run Date	Target	Result	Units	Flag
1668A	2011a	1/14/2011	PCBs 18 + 30	10.2	ng/Kg	J
1668A	2011a	1/14/2011	PCB 17	4.52	ng/Kg	JK
1668A	2011a	1/14/2011	PCB 16	4.77	ng/Kg	J
1668A	2011a	1/14/2011	PCB 32	4.38	ng/Kg	J
1668A	2011a	1/14/2011	PCB 31	14.1	ng/Kg	J
1668A	2011a	1/14/2011	PCBs 20 + 28	19.3	ng/Kg	J
1668A	2011a	1/14/2011	PCBs 21 + 33	9.52	ng/Kg	JK
1668A	2011a	1/14/2011	PCB 22	6.56	ng/Kg	J
1668A	2011a	1/14/2011	PCB 37	5.69	ng/Kg	J
1668A	2011a	1/14/2011	PCBs 45 + 51	3.62	ng/Kg	J
1668A	2011a	1/14/2011	PCB 52	25.3	ng/Kg	J
1668A	2011a	1/14/2011	PCBs 49 + 69	8.1	ng/Kg	J
1668A	2011a	1/14/2011	PCB 48	2.56	ng/Kg	J
1668A	2011a	1/14/2011	PCBs 44 + 47 + 65	20.4	ng/Kg	J
1668A	2011a	1/14/2011	PCB 42	2.65	ng/Kg	J
1668A	2011a	1/14/2011	PCBs 41 + 71 + 40	6.83	ng/Kg	J
1668A	2011a	1/14/2011	PCB 64	7.07	ng/Kg	J
1668A	2011a	1/14/2011	PCBs 70 + 61 + 74 + 76	24	ng/Kg	J
1668A	2011a	1/14/2011	PCB 66	10.9	ng/Kg	J
1668A	2011a	1/14/2011	PCB 56	3.8	ng/Kg	JK
1668A	2011a	1/14/2011	PCB 95	21.2	ng/Kg	J
1668A	2011a	1/14/2011	PCBs 88 + 91	3.86	ng/Kg	J
1668A	2011a	1/14/2011	PCB 84	7.65	ng/Kg	J
1668A	2011a	1/14/2011	PCBs 110 + 115	24.9	ng/Kg	J
1668A	2011a	1/14/2011	PCB 118	15.3	ng/Kg	J
1668A	2011a	1/14/2011	PCB 105	6.2	ng/Kg	J
1668A	2011a	1/14/2011	PCB 136	2.69	ng/Kg	J
1668A	2011a	1/14/2011	PCBs 135 + 151	4.17	ng/Kg	JK
1668A	2011a	1/14/2011	PCBs 147 + 149	10.2	ng/Kg	J
1668A	2011a	1/14/2011	PCB 132	3.99	ng/Kg	JK
1668A	2011a	1/14/2011	PCBs 153 + 168	8.53	ng/Kg	J
1668A	2011a	1/14/2011	PCBs 129 + 138 + 163	12.5	ng/Kg	JK
1668A	2011a	1/14/2011	PCB 92	3.72	ng/Kg	JK
1668A	2011a	1/14/2011	PCBs 90 + 101 + 113	22.8	ng/Kg	J
1668A	2011a	1/14/2011	PCBs 83 + 99	13.1	ng/Kg	J
1668A	2011a	1/14/2011	PCBs 86 + 87 + 97 + 109 + 119 + 125	15.5	ng/Kg	J
1668A	2011a	1/14/2011	Total DiCB	156	ng/Kg	J
1668A	2011a	1/14/2011	Total TriCB	79.1	ng/Kg	J
1668A	2011a	1/14/2011	Total TetraCB	115	ng/Kg	J
1668A	2011a	1/14/2011	Total PentaCB	134	ng/Kg	J
1668A	2011a	1/14/2011	Total HexaCB	42.1	ng/Kg	J
1668A	2011a	1/14/2011	Total PCBs	527	ng/Kg	J

TABLE 2. QUALIFIERS ADDED DUE TO METHOD BLANK CONTAMINATION – PCB ANALYSIS

Sample	BATCH	Run Date	Target	Flag	Qualifier
USEN-N/S-01-1	2011a	1/14/2011	PCB 11	B	UMB156
USEN-E/W-07-1	2011a	1/15/2011	PCB 11	B	UMB156
USEN-RO-01-1	2011a	1/15/2011	PCB 11	B	UMB156
USEN-RO-02-1	2011a	1/15/2011	PCB 11	B	UMB156
USEN-RO-03-1	2011a	1/17/2011	PCB 11	BK	UMB156

2. Field blanks were free of contamination.

Yes ___ No ___ NA ___ X ___

Field blanks are not present in this data set.

VI. SURROGATES/INTERNAL STANDARDS

The surrogates were within limits of acceptance per method.

Yes ___ No ___ X ___

Several of the cleanup standard/surrogates are out of the recovery window as shown in Table 3.

Most of the instances occurred in cases where the sample was analyzed at dilution, and the recovery of the standard in the undiluted run was in the expected window. Therefore the poor recovery appears to be due to the dilution. These instances still produced a signal/noise > 10, which indicates that the detection of the standard is normal. In addition, they do not impact any of the reported results because the associated targets were reported from the 1X run.

For the two instances where the recovery is out of limits in 1x runs for the labeled compound PCB 178L, the recovery is still > 20% and the signal/noise is > 10. Therefore any impact on quantitation is not expected to be significant. Furthermore, PCB 178L is a cleanup standard, used to quantitate other internal standards and would not impact the recovery of targets. No qualifiers are added.

Table 3. Labeled Compound Recovery Outliers

Sample	Lab Sample ID	IS	Recov	DF	footnotes	LCL	UCL	Qualifier
USEN-N/S-01-1	K1013433-001	PCB 178L	21	1	SUR,=,Y,*	30	135	None
USEN-N/S-02-1	K1013433-002	PCB 178L	23	1	SUR,=,Y,*	30	135	None
USEN-E/W-06-1	K1013433-008	PCB 28L	9	10	SUR,=,Y,**	30	135	None
USEN-E/W-06-1	K1013433-008	PCB 111L	7	10	SUR,=,Y,**	30	135	None
USEN-E/W-06-1	K1013433-008	PCB 178L	2	10	SUR,=,Y,**	30	135	None
USEN-E/W-08-1	K1013433-010	PCB 28L	5	10	SUR,=,Y,**	30	135	None
USEN-E/W-08-1	K1013433-010	PCB 111L	5	10	SUR,=,Y,**	30	135	None
USEN-E/W-08-1	K1013433-010	PCB 178L	3	10	SUR,=,Y,**	30	135	None
USEN-E/W-09-1	K1013433-011	PCB 28L	6	10	SUR,=,Y,**	30	135	None
USEN-E/W-09-1	K1013433-011	PCB 111L	5	10	SUR,=,Y,**	30	135	None
USEN-E/W-09-1	K1013433-011	PCB 178L	4	10	SUR,=,Y,**	30	135	None
USEN-E/W-06-2	K1013433-017	PCB 28L	5	10	SUR,=,Y,**	30	135	None
USEN-E/W-06-2	K1013433-017	PCB 111L	4	10	SUR,=,Y,**	30	135	None
USEN-E/W-06-2	K1013433-017	PCB 178L	2	10	SUR,=,Y,**	30	135	None

VII. MATRIX SPIKE AND DUPLICATE

1. Matrix spike and matrix spike duplicates were performed at the required frequency

Yes ___ No ___ NA

MS and MSDs are not specified in the method. Because this is an isotopic dilution method, every analysis provides an opportunity to evaluate matrix bias from the recoveries of the internal standard/surrogate labeled compounds. Thus matrix spikes are not as necessary as they are with methods that do not use isotopic dilution. The isotopic dilution compensates for matrix bias unless the bias is extreme, so that analytical accuracy is better than it is with other types of analytical methods.

In this case, since the internal standard/surrogate recoveries are within limits, there does not appear to be an abnormally large matrix bias, and accuracy of analysis should be similar to that reflected in the OPR (ongoing precision and recovery) spikes, discussed in the LCS section of this report.

2. The MS/MSD recoveries were within the contractual or laboratory limits.

Yes ___ No ___ NA

See the above comment.

3. The MS/MSD RPD values were within contractual or laboratory limits .

Yes No ___ NA

Sample duplicates were not present in the data set. These are also not specified by the method.

4. The MS/MSD is a client sample

Yes ___ No ___ NA

VIII. LABORATORY CONTROL SAMPLES

1. Laboratory control samples were conducted at the prescribed frequency of 1/20 samples or one per preparation batch, whichever is most frequent.

Yes No ___

In this method, ongoing precision and recovery samples (OPR) are evaluated. These are equivalent to LCSs.

2. Laboratory control sample recoveries were within laboratory control acceptance windows.

Yes No ___

None of the recoveries for targets or for internal standards/surrogates in the OPR results are outside of method limits.

In addition the laboratory performs an OPR duplicate and this allows precision to be assessed.

This is in control.

IX. INITIAL CALIBRATION and CONTINUING CALIBRATION

1. Initial and Continuing Calibrations were performed at the required frequency.

Yes No ___

2. Initial calibration %RSD values were within the acceptance limits of 20% as specified in the method.

Yes No

3. Calibration verification (VER) %D values were within method limits.

Yes No

4. Resolution Criteria were met.

Yes No

This information was provided within the raw data and was checked at the 10% review level.

5. The signal to noise ratios for the target compounds were > 10

Yes No

6. The mass ratios were met for all of the congeners.

Yes No

This information was provided with each target search report and all standard runs, as well as in each calibration summary.

7. The RSDs for the IC response factors met the 20% limit.

Yes No

Most were under 10%.

8. Mass Spectral Resolution was > 10,000.

Yes No

The laboratory has commented that some of the mass resolution checks for ions below mass 300 failed to meet a resolution criterion of 10,000. In a review of the runs impacted, it was apparent that the problem appears to be limited to a few masses less than 200. In most cases, when this occurred it was for one check and the mass resolution improved to > 10,000 on a subsequent check. In addition, all but a few are well above 9000 and all are above 8000. Furthermore, the impacted masses do not appear to be those of Table 7 in the method.

The method (1668) specifies the following:

Obtain a selected ion current profile (SICP) at the two exact m/z's specified in Table 7 and at $\geq 10,000$ resolving power at each LOC for the native congeners and congener groups and for the labeled congeners. Because of the extensive mass range covered in each function, it may not be possible to maintain 10,000 resolution throughout the mass range during the function. Therefore, resolution must be $\geq 8,000$ throughout the mass range and must be $\geq 10,000$ in the center of the mass range for each function.

The instrument performance has met or exceeded the specifications of the method after consideration of this statement. The laboratory has also provided additional evidence that this problem has not impacted performance, and therefore no qualifiers are required.

9. Mass deviation is less than 5ppm.

Yes No

The same documentation clearly shows that the deviation between the measured and exact mass is well within specifications.

10. The minimum retention time requirements are met.

Yes No

X. TCL IDENTIFICATION

1. Single Ion Monitoring was performed as required.

Yes No

2. Identification of the internal standards met the ion ratio, retention time and RIC requirements.

Yes No

3. Spectral accuracy and quantitation are accurate.

Yes No

The laboratory flags results where not all of the identification criteria are met with a "K". The 'K' is almost always due to 1) interferences which make complete integration incomplete for characteristic masses 2) inherent degradation of the mass ratios as the reported result nears the lower limit of detection. Data have been qualified "JQ" in correlation to the laboratory 'K'. This qualifier indicates that the reported compound may be present, but that it could be a false positive. The level reported is likely to be biased slightly high in either case. Values flagged as "K" by the laboratory are called EMPC (estimated maximum possible concentration) values, and may represent false positives or results biased high.

The review is performed on 10% of the samples. Mass spectral identifications were correct and accurate on those samples reviewed, and the laboratory has correctly flagged detections that are not fully confirmed.

The laboratory provides example calculations with each chromatogram. Quantitation was checked and found to be done correctly. Occasional manual reintegration was performed and each was annotated and explained by the analyst.

The laboratory flags results between the reporting limit and the estimated detection limit with a "J" flag on the assumption that these results are less accurate than results above the reporting limit. However, such results meet identification criteria and they have not been qualified. They may be less accurate than results above the reporting limit.

For K-flagged results the data are qualified as JQ, to indicate that such results could be biased or be false positives.

The laboratory also encountered a number of cases where the result exceeded the upper calibration limit. These results are flagged with an "E." Such results are qualified as JE, and should be considered estimates. The laboratory reanalyzed the samples at a dilution in each case, and the dilution result (not JE qualified) should be used for these cases.

XI. FIELD QC

Field duplicates have been identified and meet a suggested guidance of 35% RPD for water or 50% RPD for soils. For low level values (< 5 x Reporting Limit, RL), a difference of 2 x RL is suggested for water and 4 x RL for soils. Final field precision will be determined by the project manager.

Yes ___ No X

Three field duplicates were identified, listed in Table 4.

Table 4. Field Duplicates in SDG

Sample ID	Field Duplicate
USEN-N/S-02-1	USEN-N/S-02-2
USEN-N/S-04-1	USEN-N/S-04-2
USEN-E/W-06-1	USEN-E/W-06-2

The outliers observed, based on the criteria listed above, are shown in Table 5. No qualifiers are applied for these, but they should be considered by the data user as an indication of some precision issues. Technically, when either value is 'U', no difference or RPD is calculated, but zero has been used as an indication of the potential difference. A difference of 4 x RL would be acceptable in terms of the EPA limits for their standard validation guidance. These are difficult matrices and methods and an RPD of at least 35% is recommended per the standard EPA validation guidance (or a difference of 4 x RL for results < 5 x RL).

Table 5. Field Duplicate Outliers

Sample	Lab Dup	Analyte	Samp	FI	DUP	FI	RPD	Diff	Notes
USEN-N/S-04-1	USEN-N/S-04-2	PCB 1	2020		270		150		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 2	1130		133		160		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 3	2000		279		150		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 4	2310		0	U		2300	PQLDiff Out
USEN-N/S-04-1	USEN-N/S-04-2	PCB 9	1180		179		150		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 7	486		59.2		160		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 6	2930		447		150		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 5	272		0	U	200		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 8	10100		1500		150		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 11	1990	B	865	B	79		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 12 + 13	2640		422		140		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 15	7220		1200		140		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 19	425		149			280	PQLDiff Out
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 18 + 30	4190	B	1440	B	98		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 17	1760	B	596	B	99		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 16	1770	B	625	B	96		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 32	1240	B	497	B	86		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 26 + 29	2290		616		120		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 25	844		244			600	PQLDiff Out
USEN-N/S-04-1	USEN-N/S-04-2	PCB 31	12300	B	3940	B	100		RPDOUT

Sample	Lab Dup	Analyte	Samp	FI	DUP	FI	RPD	Diff	Notes
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 20 + 28	13800	B	4520	B	100		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 21 + 33	6850	B	2110	B	110		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 22	5180	B	1880	B	93		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 37	5100	B	1750	B	98		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 45 + 51	920	B	486	B		430	PQLDiff Out
USEN-N/S-04-1	USEN-N/S-04-2	PCB 52	6430	B	3400	B	62		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 49 + 69	3200	B	1740	B	59		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 48	1420	B	731	B	64		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 44 + 47 + 65	5710	B	3090	B	60		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 42	1500	B	849	B	55		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 41 + 71 + 40	3670	B	2020	B	58		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 64	2910	B	1540	B	62		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 70 + 61 + 74 + 76	14300	B	7180	B	66		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 66	7690	B	4090	B	61		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 56	5060	B	2730	B	60		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 60	3430		1840		60		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 95	5270	B	3090	B	52		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 92	1400	B	833	B		570	PQLDiff Out
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 90 + 101 + 113	10400	B	6100	B	52		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 83 + 99	3700	B	2110	B	55		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 86 + 87 + 97 + 109 + 119 + 125	5470	B	3110	B	55		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 85 + 116	1210		717		51		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCBs 110 + 115	9310	B	5390	B	53		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	PCB 136	2340	B	1400	B	50		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	Total MonoCB	5160		683		150		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	Total DiCB	29200		4670		140		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	Total TriCB	56600		18700		100		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	Total TetraCB	60700		32000		62		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	Total PentaCB	55900		32900		52		RPDOUT
USEN-N/S-04-1	USEN-N/S-04-2	Total PCBs	490000		287000		52		RPDOUT
USEN-E/W-06-1	USEN-E/W-06-2	PCB 9	499		884		56		RPDOUT
USEN-E/W-06-1	USEN-E/W-06-2	PCB 5	115		237	K		120	PQLDiff Out
USEN-E/W-06-1	USEN-E/W-06-2	Total HeptaCB	80800		167000		70		RPDOUT

XII. OVERALL ASSESSMENT

The laboratory has followed the cited method. Any deviations from method practice have been provided in the method summary. We believe that these are acceptable and appropriate

adjustments to the method and should have no negative impact on method performance.

Qualifiers have been added to the data, but no data have been rejected. The data are fully usable after consideration of qualifiers. A summary of pertinent observations is provided below.

Sample Condition

The method specifies that samples are to be kept at <4° C until they are received at the laboratory. Although not directly applicable to this method, 40CFR now specifies that samples be held at < 6° C until laboratory receipt. The cooler temperature on lab receipt was recorded by two thermometers as 14.9 and 15.1° C.

The samples were in transit for approximately 24 hours so the temperature excursion could have been at least 24 hours. The samples were taken on 12/1 and shipped on 12/2/2010 and there is no documentation in the data package about how they were stored prior to shipment. Therefore they may have been out of the specified temperature range for as much as 48 hours.

PCB congeners are largely nonvolatile and do not biodegrade at significant rates under these conditions. Therefore it is highly unlikely that these deviations from method would produce any bias in the PCB congener content or composition.

The references used for validation guidance indicate that specific holding times and sample preservation requirements have not been established for PCB congeners. Further, these methods are not specifically addressed in 40CFR regulations.

Professional judgment is that the temperature, although significantly above the normal upper limit of 6° C for environmental samples, is not sufficiently high to have caused measurable degradation of PCB congeners. Therefore, the temperature outlier is noted and samples are not qualified.

Method 1668A specifies that samples may be held up to 1 year if properly stored and preserved. The method instructs that solid samples should be frozen. In the Case Narrative it indicates that these samples were stored under refrigeration (4° C).

Since all samples were extracted in just over 1 month from sampling and the method allows 1 year, no qualifiers have been added despite the fact that the samples were not kept frozen for that period. PCB congeners are extremely stable and do not normally degrade under these conditions.

Chain of Custody

Documentation was in order. The laboratory indicates on the Sample Receipt checklist that there were two samples received not on the chain of custody. According to the note, these are USEN-E/S -10-1 and USEN-E/W-06-2. The note indicates also that the laboratory did not receive USEN-E/W-10-1.

Additional notes on the Sample Receiving Checklist and on the Chain of Custody indicate that sample USEN-E/W-10-1 shown on the Chain was actually sample USEN-E/S-10-1, resolved by communication with the client and logged in as such. In addition, the sample USEN-E/W-06-2

was added to the Chain (with appended signature and note) per the client request.

These actions appear to have properly resolved the sample identification issues. No qualifiers are issued.

Method Blanks

The method blank had detectable levels of contaminants, as shown in Table 1. Results in associated samples are qualified as UMB#, where # is the method blank level corrected for dilution, whenever the result in the sample is less than 5x the method blank level. Such results are shown in Table 2 and may be used as nondetected values, with the result considered to be less than the value measured in the sample. Thus if the sample result is 0.1 pg/g but the result is qualified as UMB# due to an associated method blank, the result should be regarded as < 0.10 pg/g.

Because the levels in samples are significantly higher than those in the method blanks, qualifiers have only been applied to PCB-11 as shown in Table 2. This effectively means that the method blank levels are not significant compared to the level observed in the associated samples, unless qualifiers are present.

Surrogates/Internal Standards

Several of the cleanup standard/surrogates are out of the recovery window as shown in Table 3. Most of the instances occurred in cases where the sample was analyzed at dilution, and the recovery of the standard in the undiluted run was in the expected window. Therefore the poor recovery appears to be due to the dilution. These instances still produced a signal/noise > 10, which indicates that the detection of the standard is normal. In addition, they do not impact any of the reported results because the associated targets were reported from the 1X run.

For the two instances where the recovery is out of limits in 1x runs for the labeled compound PCB 178L, the recovery is still > 20% and the signal/noise is > 10. Therefore any impact on quantitation is not expected to be significant. Furthermore, PCB 178L is a cleanup standard, used to quantitate other internal standards and would not impact the recovery of targets. No qualifiers are added.

Field Duplicates

Three field duplicates were identified, listed in Table 4. Outliers are observed and are provided in Table 5. Technically, when either value is 'U', no difference or RPD is calculated, but zero has been used as an indication of the potential difference. A difference of 4 x RL would be acceptable in terms of the EPA limits for their standard validation guidance. These are difficult matrices and methods and an RPD of at least 35% is recommended per the standard EPA validation guidance (or a difference of 4 x RL for results < 5 x RL).

Mass Resolution

The laboratory has commented that some of the mass resolution checks for ions below mass 300 failed to meet a resolution criterion of 10,000. In a review of the runs impacted, it was apparent that the problem appears to be limited to a few masses less than 200. In most cases, when this occurred it was for one check and the mass resolution improved to > 10,000 on a subsequent

check. In addition, all but a few are well above 9000 and all are above 8000. Furthermore, the impacted masses do not appear to be those of Table 7 in the method.

The method (1668) specifies the following:

Obtain a selected ion current profile (SICP) at the two exact m/z's specified in Table 7 and at $\geq 10,000$ resolving power at each LOC for the native congeners and congener groups and for the labeled congeners. Because of the extensive mass range covered in each function, it may not be possible to maintain 10,000 resolution throughout the mass range during the function. Therefore, resolution must be $\geq 8,000$ throughout the mass range and must be $\geq 10,000$ in the center of the mass range for each function.

The instrument performance has met or exceeded the specifications of the method after consideration of this statement. The laboratory has also provided additional evidence that this problem has not impacted performance, and therefore no qualifiers are required.

Quantitation and Identification

The laboratory flags results where not all of the identification criteria are met with a "K". The 'K' is almost always due to 1) interferences which make complete integration incomplete for characteristic masses 2) inherent degradation of the mass ratios as the reported result nears the lower limit of detection. Data have been qualified "JQ" in correlation to the laboratory 'K'. This qualifier indicates that the reported compound may be present, but that it could be a false positive. The level reported is likely to be biased slightly high in either case. Values flagged as "K" by the laboratory are called EMPC (estimated maximum possible concentration) values, and may represent false positives or results biased high.

The review is performed on 10% of the samples. Mass spectral identifications were correct and accurate on those samples reviewed, and the laboratory has correctly flagged detections that are not fully confirmed.

The laboratory provides example calculations with each chromatogram. Quantitation was checked and found to be done correctly. Occasional manual reintegration was performed and each was annotated and explained by the analyst.

The laboratory flags results between the reporting limit and the estimated detection limit with a "J" flag on the assumption that these results are less accurate than results above the reporting limit. However, such results meet identification criteria and they have not been qualified. They may be less accurate than results above the reporting limit.

For K-flagged results the data are qualified as JQ, to indicate that such results could be biased or be false positives.

The laboratory also encountered a number of cases where the result exceeded the upper calibration limit. These results are flagged with an "E." Such results are qualified as JE, and should be considered estimates. The laboratory reanalyzed the samples at a dilution in each case, and the dilution result (not JE qualified) should be used for these cases.

Stantec

**PCB SURFACE SOIL SAMPLING REPORT
US ECOLOGY NEVADA**

APPENDIX B
Analytical Laboratory Reports and Chain-of-Custody
Documentation

PCB Surface Soil Sampling Report
US Ecology Nevada
Beatty, Nevada

Stantec PN: 185702329 300.0001
September 12, 2011

January 17, 2011

Analytical Report for Service Request No: K1013433

Patrick Vaughan
Stantec Consulting Group, Inc.
9400 SW Barnes Road Suite 200
Portland, OR 97225

RE: USEN/185702329.200.0001

Dear Patrick:

Enclosed are the results of the samples submitted to our laboratory on December 03, 2010. For your reference, these analyses have been assigned our service request number K1013433.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.caslab.com. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please call if you have any questions. My extension is 3358. You may also contact me via Email at LHuckestein@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.



Lynda Huckestein
Client Services Manager

LH/ln

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

- * The result is an outlier. See case narrative.
- # The control limit criteria is not applicable. See case narrative.
- B The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
- E The result is an estimate amount because the value exceeded the instrument calibration range.
- J The result is an estimated value that was detected outside the quantitation range.
- U The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
DOD-QSM 4.1 definition: Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
- i The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
- X See case narrative.
- Q See case narrative. One or more quality control criteria was outside the limits.

Metals Data Qualifiers

- # The control limit criteria is not applicable. See case narrative.
- J The result is an estimated value that was detected outside the quantitation range.
- E The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
- M The duplicate injection precision was not met.
- N The Matrix Spike sample recovery is not within control limits. See case narrative.
- S The reported value was determined by the Method of Standard Additions (MSA).
- U The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
DOD-QSM 4.1 definition: Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
- W The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
 - i The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
- X See case narrative.
- + The correlation coefficient for the MSA is less than 0.995.
- Q See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

- * The result is an outlier. See case narrative.
- # The control limit criteria is not applicable. See case narrative.
- A A tentatively identified compound, a suspected aldol-condensation product.
- B The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
- C The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
- D The reported result is from a dilution.
- E The result is an estimate amount because the value exceeded the instrument calibration range.
- J The result is an estimated value that was detected outside the quantitation range.
- N The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
- P The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
- U The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
DOD-QSM 4.1 definition: Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
- i The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
- X See case narrative.
- Q See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

- F The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
- L The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
- H The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
- O The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
- Y The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
- Z The chromatographic fingerprint does not resemble a petroleum product.

Columbia Analytical Services, Inc.
Kelso, WA
State Certifications, Accreditations, and Licenses

Program	Number
Alaska DEC UST	UST-040
Arizona DHS	AZ0339
Arkansas - DEQ	88-0637
California DHS	2286
Florida DOH	E87412
Hawaii DOH	-
Idaho DHW	-
Indiana DOH	C-WA-01
Louisiana DEQ	3016
Louisiana DHH	LA050010
Maine DHS	WA0035
Michigan DEQ	9949
Minnesota DOH	053-999-368
Montana DPHHS	CERT0047
Nevada DEP	WA35
New Jersey DEP	WA005
New Mexico ED	-
North Carolina DWQ	605
Oklahoma DEQ	9801
Oregon - DHS	WA200001
South Carolina DHEC	61002
Washington DOE	C1203
Wisconsin DNR	998386840
Wyoming (EPA Region 8)	-



Case Narrative

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Stantec Consulting Group, Inc.
Project: USEN
Sample Matrix: Water

Service Request No.: K1013433
Date Received: 12/3/10

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier IV validation deliverables including summary forms and all of the associated raw data for each of the analyses. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Seventeen soil samples were received for analysis at Columbia Analytical Services on 12/3/10. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator at 4°C upon receipt at the laboratory.

General Chemistry Parameters

No anomalies associated with the analysis of these samples were observed.

Approved by Mike Shelton Date 1/20/11

Chain of Custody

CHAIN OF CUSTODY

PROJECT NAME: USEN
 PROJECT NUMBER: 185702329, 200.0001
 PROJECT MANAGER: PAUL VAUGHAN - Stantec
 COMPANY ADDRESS: 4400 SW Barnes Rd # 200
 CITY/STATE/ZIP: Portland OR 97225
 EMAIL ADDRESS: Patrick.Vaughan@stantec.com
 PHONE #: 503-297-1631 x 226
 SAMPLE'S SIGNATURE: Patrick Vaughn

SAMPLE I.D.	DATE	TIME	LAB I.D.	MATRIX	NUMBER OF CONTAINERS	REMARKS
USEN-N/S-01-1	12-1					
USEN-N/S-02-1						
USEN-N/S-02-2						
USEN-N/S-03-1						
USEN-N/S-04-1						
USEN-N/S-04-2						
USEN-N/S-05-1						
USEN-E/W-06-1						
USEN-E/W-07-1						
USEN-E/W-08-1						

INVOICE INFORMATION
 P.O. #: _____
 Bill To: _____

TURNAROUND REQUIREMENTS
 24 hr. _____ 48 hr. _____
 5 Day _____
 Standard (10-15 working days) _____
 Provide FAX Results _____

SPECIAL INSTRUCTIONS/COMMENTS:
 MIS for all samples before sending to Houston lab.

TEST METHODS:
 SEMI-VOLATILE ORGANICS BY GC/MS: 625 8270 8270LL
 VOLATILE ORGANICS: 624 8260 8021 BTEX
 HYDROCARBONS (*see below): Gas Diesel Oil
 FUEL FINGERPRINT (FIQ)
 NW-HCID SCREEN
 OIL & GREASE/TRPH: 1664 HEM 1664 SGT
 PCB'S AROCLORS CONGENERS 1668B
 PESTICIDES/HERBICIDES: 608 8081A 8141A 8151A
 CHLOROPHENOLICS - 8151M: Tri Tetra PCP
 PAHS: 8310 SIM
 METALS, TOTAL OR DISSOLVED (See list below): Cyanide Hex-Chrom
 pH, COND., Cl, SO4, PO4, F, NO2, NO3, BOD, TSS, TDS (circle)
 NH3-N, COD, Total-P, TKN, TOC, DOC (circle) NO2+NO3
 TOX 9020 AOX 1650 506
 REMARKS: USEPA METHOD 1668 A/B

RELINQUISHED BY: [Signature] Date/Time: 12-2-10 09:00 Firm: STANTEC

RECEIVED BY: [Signature] Date/Time: 12/3/10 09:30 Firm: AS

RELINQUISHED BY: _____ Date/Time: _____ Firm: _____

RECEIVED BY: _____ Date/Time: _____ Firm: _____

PROJECT NAME	PROJECT NUMBER	PROJECT MANAGER	COMPANY ADDRESS	CITY/STATE/ZIP	EMAIL ADDRESS	PHONE #	FAX #	SAMPLER'S SIGNATURE	SAMPLE I.D.	DATE	TIME	LAB I.D.	MATRIX	NUMBER OF CONTAINERS	
														Semivolatile Organics by GC/MS	Volatile Organics
USEN1	185702329.200.0001	PAT VAUGHAN - Stautec	9400 SW Barnes Rd #200	Portland, OR 97225	Patrick.Vaughan@stautec.com	503 297-1631 ext 200		Patrick Vaughan	USEN-E/W-09-112-1P	12-1-10	1320	5	1		
									USEN-E/W-10-1		1340		1		
									USEN-E/W-11-1		1500		1		
									USEN-RO-01-1		1430		1		
									USEN-RO-02-1		1100		1		
									USEN-E/W-06-2 191				1		

REPORT REQUIREMENTS

I. Routine Report: Method Blank, Surrogate, as required

II. Report Dup. MS, MSD as required

III. Data Validation Report (includes all raw data)

IV. CLP Deliverable Report

V. EDD

INVOICE INFORMATION

P.O. # _____

Bill To: _____

TURNAROUND REQUIREMENTS

24 hr. _____ 48 hr. _____

5 Day _____

X Standard (10-15 working days)

Provide FAX Results _____

Requested Report Date _____

SPECIAL INSTRUCTIONS/COMMENTS:

*INDICATE STATE HYDROCARBON PROCEDURE: AK CA WI NORTHWEST OTHER: (CIRCLE ONE)

North - Increment sample (GIS) before sending to Houston lab

RELINQUISHED BY: Signature: [Signature] Date/Time: 12-2-10 09:00 Printed Name: STAUTEC Firm

RECEIVED BY: Signature: [Signature] Date/Time: 12/3/10 0930 Printed Name: CAS Firm

RELINQUISHED BY: Signature: _____ Date/Time: _____ Printed Name: _____ Firm _____

RECEIVED BY: Signature: _____ Date/Time: _____ Printed Name: _____ Firm _____

**Columbia Analytical Services, Inc.
Cooler Receipt and Preservation Form**

PC LH

Client / Project: Stantec Service Request K10 13433

Received: 12/3/10 Opened: 12/3/10 By: [Signature]

1. Samples were received via? Mail Fed Ex UPS DHL PDX Courier Hand Delivered
2. Samples were received in: (circle) Cooler Box Envelope Other NA
3. Were custody seals on coolers? NA Y N If yes, how many and where? _____
- If present, were custody seals intact? Y N If present, were they signed and dated? Y N

Cooler Temp °C	Temp Blank °C	Thermometer ID	Cooler/COC ID		Tracking Number			NA	Filed
			ID	NA					
14.9	14.1	299			9661	2222	1319		
15.1	—	244			"	"	1293		

7. Packing material used. Inserts Baggies Bubble Wrap Gel Packs Wet Ice Sleeves Other _____
8. Were custody papers properly filled out (ink, signed, etc.)? NA Y N
9. Did all bottles arrive in good condition (unbroken)? *Indicate in the table below.* NA Y N
10. Were all sample labels complete (i.e analysis, preservation, etc.)? NA Y N
11. Did all sample labels and tags agree with custody papers? *Indicate major discrepancies in the table on page 2.* NA Y N
12. Were appropriate bottles/containers and volumes received for the tests indicated? NA Y N
13. Were the pH-preserved bottles (*see SMO GEN SOP*) received at the appropriate pH? *Indicate in the table below* NA Y N
14. Were VOA vials received without headspace? *Indicate in the table below.* NA Y N
15. Was C12/Res negative? NA Y N

Sample ID on Bottle	Sample ID on COC	Identified by:
<u>USEN-E/S-10-1</u>	<u>USEN-E/W-10-1</u>	<u>email from client</u>

Sample ID	Bottle Count	Bottle Type	Out of Temp	Head-space	Broke	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, & Resolutions: Received 2 samples not on COC - USEN-E/S-10-1 and USEN-E/W-06-2
Did not receive USEN-E/W-10-1

General Chemistry Parameters

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10

Prep Method: CAS SOP
Analysis Method: 9060M

Units: Percent
Basis: Dry per method

Carbon, Total Organic

Sample Name	Lab Code	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
USEN-N/S-04-2	K1013433-006	0.204		0.050	1	12/13/10	12/20/10 09:30	
Method Blank	K1013433-MB1	ND	U	0.050	1	NA	12/20/10 09:30	
Method Blank	K1013433-MB2	ND	U	0.050	1	NA	12/20/10 09:30	
Method Blank	K1013433-MB3	ND	U	0.050	1	NA	12/20/10 09:30	

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil

Service Request: K1013433
Date Collected: 12/1/10
Date Received: 12/3/10
Date Analyzed: 12/20/10

**Replicate Sample Summary
 General Chemistry Parameters**

Sample Name: USEN-N/S-04-2
Lab Code: K1013433-006

Units: Percent
Basis: Dry per method

Analyte Name	Method	MRL	Sample Result	USEN-N/S-04-2DUP Duplicate Sample		RPD	RPD Limit
				K1013433-006DUP	Average		
Carbon, Total Organic	9060M	0.050	0.204	0.244	0.224	18	27

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Stantec Consulting Group, Inc.
 Project: USEN/185702329.200.0001
 Sample Matrix: Soil

Service Request: K1013433
 Date Collected: 12/1/10
 Date Received: 12/3/10
 Date Analyzed: 12/20/10

Matrix Spike Summary
 General Chemistry Parameters

Sample Name: USEN-N/S-04-2
 Lab Code: K1013433-006

Units: Percent
 Basis: Dry per method

Analytical Method: 9060M

Analyte Name	Sample Result	USEN-N/S-04-2MS Matrix Spike K1013433-006MS			USEN-N/S-04-2DMS Duplicate Matrix Spike K1013433-006DMS			% Rec Limits	RPD	RPD Limit
		Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
Carbon, Total Organic	0.204	13.4	12.8	103	4.12	3.93	100	69 - 123	3	27

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil

Service Request: K1013433
Date Analyzed: 12/20/10

Lab Control Sample Summary
General Chemistry Parameters

Units: Percent
Basis: Dry per method

Analyte Name	Method	Lab Control Sample K1013433-LCS1			% Rec Limits
		Result	Spike Amount	% Rec	
Carbon, Total Organic	9060M	0.318	0.280	114	74 - 118

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil

Service Request: K1013433
Date Analyzed: 12/20/10

Lab Control Sample Summary
General Chemistry Parameters

Units: Percent
Basis: Dry per method

Analyte Name	Method	Lab Control Sample K1013433-LCS2			% Rec Limits
		Result	Spike Amount	% Rec	
Carbon, Total Organic	9060M	0.283	0.280	101	74 - 118

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil

Service Request: K1013433
Date Analyzed: 12/20/10

Lab Control Sample Summary
General Chemistry Parameters

Units: Percent
Basis: Dry per method

Lab Control Sample K1013433-LCS3					
Analyte Name	Method	Result	Spike Amount	% Rec	% Rec Limits
Carbon, Total Organic	9060M	0.269	0.280	96	74 - 118

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001

Service Request: K1013433

Continuing Calibration Verification (CCV) Summary
Carbon, Total Organic

Analytical Method: 9060M

Units: Percent

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	229949	KQ1013977-01	12/20/10 09:30	20.0	18.5	93	90 - 110
CCV2	229949	KQ1013977-11	12/20/10 09:30	20.0	19.7	99	90 - 110
CCV3	229949	KQ1013977-19	12/20/10 09:30	20.0	20.0	100	90 - 110
CCV4	229949	KQ1013977-21	12/20/10 09:30	20.0	19.6	98	90 - 110
CCV5	229949	KQ1013977-26	12/20/10 09:30	20.0	20.0	100	90 - 110
CCV6	229949	KQ1013977-30	12/20/10 09:30	20.0	20.1	100	90 - 110

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001

Service Request: K1013433

Continuing Calibration Blank (CCB) Summary
Carbon, Total Organic

Analytical Method: 9060M

Units: Percent

	Analysis Lot	Lab Code	Date Analyzed	MRL	Result Q
CCB1	229949	KQ1013977-02	12/20/10 09:30	0.050	ND U
CCB2	229949	KQ1013977-12	12/20/10 09:30	0.050	ND U
CCB3	229949	KQ1013977-18	12/20/10 09:30	0.050	ND U
CCB4	229949	KQ1013977-20	12/20/10 09:30	0.050	ND U
CCB5	229949	KQ1013977-25	12/20/10 09:30	0.050	ND U
CCB6	229949	KQ1013977-29	12/20/10 09:30	0.050	ND U

Original
 Work Request # (3167) 3433 3685, 3842, 3642, 399Z 399J
 Tier: V II II II II V V
 Date Analyzed: 12/20/10
 Analyst: CV
 Analysis: TOC soil

**DATA QUALITY REPORT
 INORGANICS**

Explain any "no" responses to questions below, and any corrective actions in the comments section below.

1. Is the method name and number correct and appropriate? yes/no/NA
2. Holding times met for all analyses and for all samples? yes/no/NA
3. Are calculations correct? yes/no/NA
4. Is the reporting basis correct? (Dry Weight) yes/no/NA
5. All quality control criteria met? yes/no/NA
 - a. Is the calibration curve correlation coefficient ≥ 0.995 ? yes/no/NA
 - b. MBs, CCVs, CCBs, LCSs, Dups, and Spikes, analyzed at proper frequency? yes/no/NA
 - c. Are ICVs, CCVs, and CCBs all within acceptance limits? yes/no/NA
 - d. Are results for methods blanks all ND? yes/no/NA
 - e. Are all QC samples within acceptance criteria? (LCS % rec, MS/DMS % rec, DUP or MS/DMS RPDs, etc.) yes/no/NA
 - f. Are all exceptions explained? yes/no/NA
6. Are all service requests that apply attached? yes/no/NA
7. Are all samples labelled correctly? yes/no/NA
8. Have all instructions on the service request been followed? (e.g. Special MRLs, QC on a specific sample) yes/no/NA
9. Are detection limits and units reported correctly? yes/no/NA
10. Are proper Analysis/Extraction stickers included on report? yes/no/NA
11. Is the unused space on the benchsheet crossed out? yes/no/NA
12. Was analysis turned in by the due date? (n-2) (If not record SR#) yes/no/NA

COMMENTS:

399Z = Rush
 Couldn't get Batch QC on STARLIMS wouldn't let me
 Both methods (9060M & ASTM) have QC values for them.

Final Approved by: BDIC Date: 12/23/10
 DOREPORT

Analytical Results Summary

Instrument Name: K-TOC-02

Analyst: CVECCHITTO

Analysis Lot: 229949

Method/TestCase: 9060M/TOC

b Code	Target Analytes	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	POL	% Rec	% RSD	Date Analyzed	QC?	Tier
013433-006	Carbon, Total Organic	N/A		Soil	0.20 Percent	1 mg	0.204 Percent	1	0.020	0.050			12/20/10 09:30:00	N	III
013642-001	Carbon, Total Organic (TOC)	N/A		Misc. Solid	32.21 Percent	1 mg	32.2 Percent	1	0.020	0.050			12/20/10 09:30:00	N	II
013667-001	Carbon, Total Organic	N/A		Soil	6.20 Percent	1 mg	6.20 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013667-002	Carbon, Total Organic	N/A		Soil	8.34 Percent	1 mg	8.34 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013667-003	Carbon, Total Organic	N/A		Soil	7.01 Percent	1 mg	7.01 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013667-004	Carbon, Total Organic	N/A		Soil	12.67 Percent	1 mg	12.7 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013685-001	Carbon, Total Organic	N/A		Sediment	0.92 Percent	1 mg	0.920 Percent	1	0.020	0.050			12/20/10 09:30:00	N	II
013685-002	Carbon, Total Organic	N/A		Sediment	0.12 Percent	1 mg	0.116 Percent	1	0.020	0.050			12/20/10 09:30:00	N	II
013685-003	Carbon, Total Organic	N/A		Sediment	1.52 Percent	1 mg	1.52 Percent	1	0.020	0.050			12/20/10 09:30:00	N	II
013892-001	Carbon, Total Organic	N/A		Sediment	1.00 Percent	1 mg	0.999 Percent	1	0.020	0.050			12/20/10 09:30:00	N	II
013892-002	Carbon, Total Organic	N/A		Sediment	9.73684210526316E-012 Percent	1 mg	0.097 Percent	1	0.020	0.050			12/20/10 09:30:00	N	II
013892-003	Carbon, Total Organic	N/A		Sediment	0.12 Percent	1 mg	0.117 Percent	1	0.020	0.050			12/20/10 09:30:00	N	II
013892-004	Carbon, Total Organic	N/A		Sediment	1.78 Percent	1 mg	1.78 Percent	1	0.020	0.050			12/20/10 09:30:00	N	II
013892-005	Carbon, Total Organic	N/A		Sediment	3.69 Percent	1 mg	3.69 Percent	1	0.020	0.050			12/20/10 09:30:00	N	II
013892-006	Carbon, Total Organic	N/A		Sediment	2.18 Percent	1 mg	2.18 Percent	1	0.020	0.050			12/20/10 09:30:00	N	II
013892-007	Carbon, Total Organic	N/A		Sediment	1.44 Percent	1 mg	1.44 Percent	1	0.020	0.050			12/20/10 09:30:00	N	II
013931-001	Carbon, Total Organic (TOC)	N/A		Soil	1.67 Percent	1 mg	1.67 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013931-002	Carbon, Total Organic (TOC)	N/A		Soil	0.52 Percent	1 mg	0.520 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013931-003	Carbon, Total Organic (TOC)	N/A		Soil	0.18 Percent	1 mg	0.178 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013931-004	Carbon, Total Organic (TOC)	N/A		Soil	0.17 Percent	1 mg	0.170 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013992-001	Carbon, Total Organic (TOC)	N/A		Soil	1.77 Percent	1 mg	1.77 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013992-002	Carbon, Total Organic (TOC)	N/A		Soil	0.52 Percent	1 mg	0.518 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013992-003	Carbon, Total Organic (TOC)	N/A		Soil	0.86 Percent	1 mg	0.862 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013992-004	Carbon, Total Organic (TOC)	N/A		Soil	0.26 Percent	1 mg	0.258 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013992-005	Carbon, Total Organic (TOC)	N/A		Soil	1.41 Percent	1 mg	1.41 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013992-006	Carbon, Total Organic (TOC)	N/A		Soil	0.97 Percent	1 mg	0.966 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013992-007	Carbon, Total Organic (TOC)	N/A		Soil	1.26 Percent	1 mg	1.26 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013992-008	Carbon, Total Organic (TOC)	N/A		Soil	0.78 Percent	1 mg	0.783 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
013977-01	Carbon, Total Organic (TOC)	-CCV		Soil	18.53 Percent	1 mg	18.5 Percent	1					12/20/10 09:30:00	N	V

indicates Final Result is not yet adjusted for Solids because it has not yet been determined.

Analytical Results Summary

Instrument Name: K-TOC-02 Analyst: CVECCHITTO Analysis Lot: 229949 Method/Testcode: ASTM D4129-82M/TOC

b Code	Target Analytes	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Tier
Q1013977-01	Carbon, Total Organic (TOC)	CCV		Soil	18.53 Percent	1 mg	18.5 Percent	1					12/20/10 09:30:00	N	V
Q1013977-02	Carbon, Total Organic (TOC)	CCB		Soil	-0.01 Percent	1 mg	0.050 Percent U	1	0.050	0.050			12/20/10 09:30:00	N	V
Q1013977-02	Carbon, Total Organic (TOC)	CCB		Soil	-0.01 Percent	1 mg	0.050 Percent U	1	0.050	0.050			12/20/10 09:30:00	N	V
Q1013977-03	Carbon, Total Organic (TOC)	LCS		Soil	0.32 Percent	1 mg	0.318 Percent	1	0.020	0.050	114		12/20/10 09:30:00	N	V
Q1013977-03	Carbon, Total Organic (TOC)	LCS		Soil	0.32 Percent	1 mg	0.318 Percent	1	0.020	0.050	114		12/20/10 09:30:00	N	V
Q1013977-04	Carbon, Total Organic (TOC)	MB		Soil	0.00 Percent	1 mg	0.050 Percent U	1	0.020	0.050			12/20/10 09:30:00	N	V
Q1013977-04	Carbon, Total Organic (TOC)	MB		Soil	0.00 Percent	1 mg	0.050 Percent U	1	0.020	0.050			12/20/10 09:30:00	N	V
Q1013977-05	Carbon, Total Organic (TOC)	DUP	K1013667-001	Soil	6.31 Percent	1 mg	6.31 Percent	1	0.020	0.050		2	12/20/10 09:30:00	N	V
Q1013977-06	Carbon, Total Organic (TOC)	MS	K1013667-001	Soil	12.87 Percent	1 mg	12.9 Percent	1	0.020	0.050	106		12/20/10 09:30:00	N	V
Q1013977-07	Carbon, Total Organic (TOC)	DMS	K1013667-001	Soil	11.71 Percent	1 mg	11.7 Percent	1	0.020	0.050	98	8	12/20/10 09:30:00	N	V
Q1013977-08	Carbon, Total Organic (TOC)	DUP	K1013667-002	Soil	7.65 Percent	1 mg	7.65 Percent	1	0.020	0.050		9	12/20/10 09:30:00	N	V
Q1013977-09	Carbon, Total Organic (TOC)	DUP	K1013667-003	Soil	6.00 Percent	1 mg	6.00 Percent	1	0.020	0.050		16	12/20/10 09:30:00	N	V
Q1013977-10	Carbon, Total Organic (TOC)	DUP	K1013667-004	Soil	12.53 Percent	g	12.5 Percent	1	0.020	0.050		1	12/20/10 09:30:00	N	V
Q1013977-11	Carbon, Total Organic (TOC)	CCV		Soil	19.74 Percent	1 mg	19.7 Percent	1					12/20/10 09:30:00	N	V
Q1013977-11	Carbon, Total Organic (TOC)	CCV		Soil	19.74 Percent	1 mg	19.7 Percent	1					12/20/10 09:30:00	N	V
Q1013977-12	Carbon, Total Organic (TOC)	CCB		Soil	-0.02 Percent	g	0.050 Percent U	1	0.050	0.050			12/20/10 09:30:00	N	V
Q1013977-13	Carbon, Total Organic (TOC)	LCS		Soil	0.28 Percent	g	0.283 Percent	1	0.020	0.050	101		12/20/10 09:30:00	N	III
Q1013977-13	Carbon, Total Organic (TOC)	LCS		Soil	0.28 Percent	g	0.283 Percent	1	0.020	0.050	101		12/20/10 09:30:00	N	III
Q1013977-14	Carbon, Total Organic (TOC)	MB		Soil	-0.02 Percent	g	0.050 Percent U	1	0.020	0.050			12/20/10 09:30:00	N	III
Q1013977-14	Carbon, Total Organic (TOC)	MB		Soil	-0.02 Percent	g	0.050 Percent U	1	0.020	0.050			12/20/10 09:30:00	N	III
Q1013977-15	Carbon, Total Organic (TOC)	MS	K1013433-006	Soil	13.44 Percent	g	13.4 Percent	1	0.020	0.050	103		12/20/10 09:30:00	N	III
Q1013977-16	Carbon, Total Organic (TOC)	DMS	K1013433-006	Soil	4.12 Percent	g	4.12 Percent	1	0.020	0.050	100	3	12/20/10 09:30:00	N	III
Q1013977-17	Carbon, Total Organic (TOC)	DUP	K1013433-006	Soil	0.24 Percent	g	0.244 Percent	1	0.020	0.050		18	12/20/10 09:30:00	N	III
Q1013977-18	Carbon, Total Organic (TOC)	CCB		Sediment	0.00 Percent	g	0.050 Percent U	1	0.050	0.050			12/20/10 09:30:00	N	II
Q1013977-18	Carbon, Total Organic (TOC)	CCB		Sediment	0.00 Percent	g	0.050 Percent U	1	0.050	0.050			12/20/10 09:30:00	N	II
Q1013977-19	Carbon, Total Organic (TOC)	CCV		Sediment	20.01 Percent	g	20.0 Percent	1					12/20/10 09:30:00	N	II
Q1013977-19	Carbon, Total Organic (TOC)	CCV		Sediment	20.01 Percent	g	20.0 Percent	1					12/20/10 09:30:00	N	II
Q1013977-20	Carbon, Total Organic (TOC)	CCB		Soil	-0.01 Percent	g	0.050 Percent U	1	0.050	0.050			12/20/10 09:30:00	N	V
Q1013977-20	Carbon, Total Organic (TOC)	CCB		Soil	-0.01 Percent	g	0.050 Percent U	1	0.050	0.050			12/20/10 09:30:00	N	V
Q1013977-21	Carbon, Total Organic (TOC)	CCV		Soil	19.57 Percent	g	19.6 Percent	1					12/20/10 09:30:00	N	V

indicates Final Result is not yet adjusted for Solids because it has not yet been determined.

Analytical Results Summary

Instrument Name: K-TOC-02

Analyst: CVECCHITTO

Analysis Lot: 229949

Method/Testcode: 9060M/TOC

h Code	Target Analytes	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Tier
Q1013977-21	Carbon, Total Organic (TOC)	CCV	K1013992-004	Soil	19.57 Percent	g	19.6 Percent	1	0.020	0.050	98	<1	12/20/10 09:30:00	N	V
Q1013977-22	Carbon, Total Organic (TOC)	MS	K1013992-004	Soil	5.75 Percent	1 mg	5.75 Percent	1	0.020	0.050	98	<1	12/20/10 09:30:00	N	V
Q1013977-23	Carbon, Total Organic (TOC)	DMS	K1013992-004	Soil	4.35 Percent	1 mg	4.35 Percent	1	0.020	0.050	98	<1	12/20/10 09:30:00	N	V
Q1013977-24	Carbon, Total Organic (TOC)	DOP	K1013992-004	Soil	0.26 Percent	1 mg	0.256 Percent	1	0.020	0.050	96	<1	12/20/10 09:30:00	N	V
Q1013977-25	Carbon, Total Organic (TOC)	CCB		Soil	-0.01 Percent	1 mg	0.050 Percent	1	0.050	0.050			12/20/10 09:30:00	N	V
Q1013977-25	Carbon, Total Organic (TOC)	CCB		Soil	-0.01 Percent	1 mg	0.050 Percent	1	0.050	0.050			12/20/10 09:30:00	N	V
Q1013977-27	Carbon, Total Organic (TOC)	LCS		Soil	0.27 Percent	1 mg	0.269 Percent	1	0.020	0.050	96		12/20/10 09:30:00	N	V
Q1013977-27	Carbon, Total Organic (TOC)	LCS		Soil	0.27 Percent	1 mg	0.269 Percent	1	0.020	0.050	96		12/20/10 09:30:00	N	V
Q1013977-28	Carbon, Total Organic (TOC)	MB		Soil	-0.02 Percent	1 mg	0.050 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
Q1013977-28	Carbon, Total Organic (TOC)	MB		Soil	-0.02 Percent	1 mg	0.050 Percent	1	0.020	0.050			12/20/10 09:30:00	N	V
Q1013977-29	Carbon, Total Organic (TOC)	CCB		Soil	-0.01 Percent	1 mg	0.050 Percent	1	0.050	0.050			12/20/10 09:30:00	N	V
Q1013977-29	Carbon, Total Organic (TOC)	CCB		Soil	-0.01 Percent	1 mg	0.050 Percent	1	0.050	0.050			12/20/10 09:30:00	N	V
Q1013977-30	Carbon, Total Organic (TOC)	CCV		Soil	20.09 Percent	1 mg	20.1 Percent	1					12/20/10 09:30:00	N	V
Q1013977-30	Carbon, Total Organic (TOC)	CCV		Soil	20.09 Percent	1 mg	20.1 Percent	1					12/20/10 09:30:00	N	V

BDC
12/23/10

† indicates Final Result is not yet adjusted for Solids because it has not yet been determined.

Columbia Analytical Services, Inc.

Service Request #: 3667, 3433, 3685
 Analysis For: Total Organic Carbon (TOC)

Method: 9060s / PSEP (Combustion/Coulometric)
 Matrix: Soil / Dry Weight Basis

Sample Number	mg Sample Injected	Sample Reading, $\mu\text{g C}$	Baseline Reading, $\mu\text{g C}$	Net $\mu\text{g C}$	% Carbon	% Carbon Reported
CCV-1	9.4	1754.4	12.9	1741.5	18.527	18.5
CCB-1	50.0	9.2	12.9	-3.7	-0.007	<0.02
LCS-1 s	46.4	160.4	12.9	147.5	0.318	0.318
MB-1	50.0	15.0	12.9	2.1	0.004	<0.02
K1013667-001	42.5	2646.1	12.9	2633.2	6.196	6.20
K1013667-001d	49.0	3106.5	12.9	3093.6	6.313	6.31
K1013667-001ms	23.9	3089.8	12.9	3076.9	12.874	12.9
K1013667-001msd	32.3	3796.8	12.9	3783.9	11.715	11.7
K1013667-002	57.0	4768.1	12.9	4755.2	8.342	8.34
K1013667-002d	48.9	3753.0	12.9	3740.1	7.648	7.65
K1013667-003	38.3	2697.8	12.9	2684.9	7.010	7.01
K1013667-003d	40.8	2461.2	12.9	2448.3	6.001	6.00
CCV-2	9.2	1829.4	12.9	1816.5	19.745	19.7
CCB-2	50.3	5.2	12.9	-7.7	-0.015	<0.02
K1013667-004	38.8	4927.0	12.9	4914.1	12.665	12.7
K1013667-004d	47.4	5951.6	12.9	5938.7	12.529	12.5
LCS-2	46.5	144.7	12.9	131.8	0.283	0.283
MB-2	50.0	5.2	12.9	-7.7	-0.015	<0.02
K1013433-006	34.5	83.4	12.9	70.5	0.204	0.204
K1013433-006d	38.3	106.3	12.9	93.4	0.244	0.244
K1013433-006ms	13.9	1881.2	12.9	1868.3	13.441	13.4
K1013433-006msd	22.4	935.5	12.9	922.6	4.119	4.12
K1013685-001	22.5	220.0	12.9	207.1	0.920	0.920
K1013685-002	28.7	46.3	12.9	33.4	0.116	0.116
CCV-3	8.8	1774.1	12.9	1761.2	20.014	20.0
CCB-3	50.0	14.3	12.9	1.4	0.003	<0.02

Acid Purge Time: 1 minute

Reading Time: 5 minutes

TOC % = $\frac{(\text{Net Reading})(\mu\text{g } 0.1)}{\text{mg Sample Injected}}$

CCV: Urea EMD (lot #3229B230) ID#: TOCS/1-11-M TV = 20.0%C

CCV1 = 93

CCV2 = 99

CCV3 = 100

LCS: ERA Cat#: 542 Lot#: D068-542 ID#: TOCS/2-89-A TV = 0.28%C %REC=

Comments:

K3667-1ms = 7.5 mg x 20 / 23.9 = 6.28 % REC = 107 RSD = 2 x = 6.26

K3667-1msd = 9.1 mg x 20 / 32.3 = 5.63 % REC = 98

K3443-6ms = 8.9 mg x 20 / 13.9 = 12.8 % REC = 105 RSD = 18 x = 0.224

13-6msd = 4.4 mg x 20 / 22.4 = 3.93 % REC = 105

Analyzed By: <u>cv</u>	Date: <u>12/20/2010 9:30</u>
Reveiwed By: <u>BDR</u>	Date: <u>12/23/10</u>

Columbia Analytical Services, Inc.

376

Service Request #: 3085, 3842, 3042, 3931, 3442 Method: 9060s / PSEP (Combustion/Coulometric)
 Analysis For: Total Organic Carbon (TOC) Matrix: Soil / Dry Weight Basis

Sample Number	mg Sample Injected	Sample Reading, ug C	Baseline Reading, ug C	Net ug C	% Carbon	% Carbon Reported
K1013685-003	29.1	454.6	12.9	441.7	1.518	1.52
K1013892-001	30.2	314.6	12.9	301.7	0.999	1.00
K1013892-002	26.6	38.8	12.9	25.9	0.097	0.097
K1013892-003	16.2	31.8	12.9	18.9	0.117	0.117
K1013892-004	41.9	757.5	12.9	744.6	1.777	1.78
K1013892-005	29.6	1105.8	12.9	1092.9	3.692	3.69
K1013892-006	24.9	554.9	12.9	542.0	2.177	2.18
K1013892-007	50.1	732.6	12.9	719.7	1.437	1.44
K1013642-001	10.3	3330.3	12.9	3317.4	32.208	32.2
K1013931-001	25.7	442.3	12.9	429.4	1.671	1.67
CCV-4	9.3	1833.2	12.9	1820.3	19.573	19.6
CCB-4	50.0	6.1	12.9	-6.8	-0.014	<0.02
K1013931-002	26.5	150.6	12.9	137.7	0.520	0.520
K1013931-003	33.7	72.9	12.9	60.0	0.178	0.178
K1013931-004	24.0	53.8	12.9	40.9	0.170	0.170
K1013796-002d	50.0	32.8	12.9	19.9	0.040	0.040
K1013796-002q	50.0	28.3	12.9	15.4	0.031	0.031
K1013992-001	40.4	728.1	12.9	715.2	1.770	1.77
K1013992-002	47.1	256.7	12.9	243.8	0.518	0.518
K1013992-003	50.2	445.8	12.9	432.9	0.862	0.862
K1013992-004	44.8	128.3	12.9	115.4	0.258	0.258
K1013992-004d	37.3	108.5	12.9	95.6	0.256	0.256
CCV-5	10.8	2176.2	12.9	2163.3	20.031	20.0
CCB-5	50.0	6.4	12.9	-6.5	-0.013	<0.02

Acid Purge Time: 1 minute **Reading Time:** 5 minutes **TOC % =** $\frac{(\text{Net Reading})(\mu\text{g } 0.1)}{\text{mg Sample Injected}}$
CCV: Urea Baker (lot #A17584) ID#: TOCS/1-10-J TV = 20.0%C
 CCV4= 98 CCV5= 100

Comments : _____
 K=mg x 20 / = %REC= RPD= x=
 K=mg x 20 / = %REC=

376-2 used old dilutions, will rerun

Analyzed By: _____ cv	Date 12/20/10 Time: 9:30
Reveiled By: <i>BDIC</i>	Date: <i>12/23/10</i>

Columbia Analytical Services, Inc.

Service Request #: 3492
 Analysis For: Total Organic Carbon (TOC)

Method: 9060s / PSEP (Combustion/Coulometric)
 Matrix: Soil / Dry Weight Basis

Sample Number	mg Sample Injected	Sample Reading, $\mu\text{g C}$	Baseline Reading, $\mu\text{g C}$	Net $\mu\text{g C}$	% Carbon	% Carbon Reported
K1013992-004ms	25.8	1496.5	12.9	1483.6	5.750	5.75
K1013992-004msd	22.6	995.2	12.9	982.3	4.346	4.35
LCS-3	36.2	110.3	12.9	97.4	0.269	0.269
MB-3	50.0	4.0	12.9	-8.9	-0.018	<0.02
K1013992-005	48.7	699.3	12.9	686.4	1.409	1.41
K1013992-006	31	312.4	12.9	299.5	0.966	0.966
K1013992-007	43.5	562.5	12.9	549.6	1.263	1.26
K1013992-008	56.5	455.2	12.9	442.3	0.783	0.783
<hr/>						
CCV-6	8.1	1640.0	12.9	1627.1	20.088	20.1
CCB-6	50.0	5.5	12.9	-7.4	-0.015	<0.02
<hr/>						
CCV-7						
CCB-7						

Acid Purge Time: 1 minute **Reading Time:** 5 minutes **TOC % =** $\frac{(\text{Net Reading})(\mu\text{g } 0.1)}{\text{mg Sample Injected}}$
CCV : Urea Baker (lot #A17584) ID#: TOCS/1-10-J TV = 20.0%C
 CCV6= 100 CCV7= #VALUE!

Comments :
 K3992-4ms=7.2mg x 20 /25.8=5.58 %REC=99 RPD=<1 x=0.257
 K3992-4msd=4.7mg x 20 /22.6=4.16 %REC=98

Analyzed By: <u>BDIC</u> cv	Date: 12/20/10 Time: 9:30
Reveiled By: <u>BDIC</u>	Date: <u>12/23/10</u>

201111

Sample #	mg Sample	Reading	Date Baked	Baseline
CCV-1	9.4	1754.4		15.1
CCB-1	50.0	9.2		10.4
LCS-1s	46.4	160.4		13.1
MB-1	50.0	15.0		AVG
K1013667-001	42.5	2646.1	70* 1400 12.17.10	12.9
K1013667-001d	49.0	3106.5	70* 1400 12.17.10	
K1013667-001ms	23.9	3089.8	70* 1400 12.17.10	
K1013667-001msd	32.3	3796.8	70* 1400 12.17.10	
K1013667-002	57.0	4768.1	70* 1400 12.17.10	
K1013667-002d	48.9	3753.0	70* 1400 12.17.10	
K1013667-003	38.3	2697.8	70* 1400 12.17.10	
K1013667-003d	40.8	2461.2	70* 1400 12.17.10	
CCV-2	9.2	1829.4		
CCB-2	50.3	5.2		
K1013667-004	38.8	4927.0	70* 1400 12.17.10	
K1013667-004d	47.4	5951.6	70* 1400 12.17.10	
LCS-2	46.5	144.7		
MB-2	50.0	5.2		
K1013433-006	34.5	83.4	70* 1400 12.13.10	
K1013433-006d	38.3	106.3	70* 1400 12.13.10	
K1013433-006ms	13.9	1881.2	70* 1400 12.13.10	
K1013433-006msd	22.4	925.5	70* 1400 12.13.10	
K1013685-001	22.5	220.0	70* 1400 12.13.10	
K1013685-002	28.7	46.3	70* 1400 12.13.10	
CCV-3	8.8	1774.1		
CCB-3	50.0	14.3		
K1013685-003	29.1	454.6	70* 1400 12.13.10	
K1013892-001	30.2	314.6	70* 1530 12.16.10	
K1013892-002	26.6	38.8	70* 1530 12.16.10	
K1013892-003	16.2	31.8	70* 1530 12.16.10	
K1013892-004	41.9	757.5	70* 1530 12.16.10	
K1013892-005	29.6	1105.8	70* 1530 12.16.10	
K1013892-006	24.9	554.9	70* 1530 12.16.10	
K1013892-007	50.1	732.6	70* 1530 12.16.10	
K1013642-001	10.3	3330.3	70* 1100 12.14.10	
K1013931-001	25.7	442.3	70* 1530 12.16.10	
CCV-4	9.3	1833.2		
CCB-4	50.0	6.1		
K1013931-002	26.5	150.6	70* 1530 12.16.10	
K1013931-003	33.7	72.9	70* 1530 12.16.10	
K1013931-004	24.0	53.8	70* 1530 12.16.10	
K1013796-002d	50.0	32.8	70* 1100 12.20.10	
K1013796-002q	50.0	28.3	70* 1100 12.20.10	
K1013992-001	40.4	728.1	70* 1400 12.17.10	
K1013992-002	47.1	256.7	70* 1400 12.17.10	
K1013992-003	50.2	445.8	70* 1400 12.17.10	
K1013992-004	44.8	128.3	70* 1400 12.17.10	
K1013992-004d	37.3	108.5	70* 1400 12.17.10	
CCV-5	10.8	2176.2		
CCB-5	50.0	6.4		
K1013992-004ms	25.8	1496.5	70* 1400 12.17.10	
K1013992-004msd	22.6	995.2	70* 1400 12.17.10	
LCS-3	36.2	110.3		
MB-3	50.0	4.0		
K1013992-005	48.7	699.3	70* 1400 12.17.10	
K1013992-006	31.0	312.4	70* 1400 12.17.10	
K1013992-007	43.5	562.5	70* 1400 12.17.10	
K1013992-008	56.5	455.2	70* 1400 12.17.10	
CCV-6	8.1	1640.0		
CCB-6	50.0	5.5		
CCV-7				
CCB-7				
CCV-8				
CCB-8				
CCV-9				
CCB-9				

BDE
12/23/10

CW 12/20/10 9:30

Congener Specific PCBs

January 19, 2011

Service Request No: K1013433

Lynda Huckestein
Columbia Analytical Services Inc
1317 South 13th Avenue
Kelso, WA 98626

Laboratory Results for: Stantec Consulting Group, Inc.

Dear Lynda:

Enclosed are the results of the sample(s) submitted to our laboratory on December 14, 2010. For Your reference, these analyses have been assigned our service request number: **K1013433**.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided.

All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. In accordance to the NELAC 2003 Standard, a statement on the estimated uncertainty of measurement of any quantitative analysis will be supplied upon request.

Please contact me if you have any questions. My direct number is 281-994-2954.

Respectfully submitted,

Columbia Analytical Services, Inc.



Darren Biles
Project Manager

Page 1 of _____

For a specific list of NELAP-accredited analytes, refer to the certifications section at www.caslab.com.



Certificate of Analysis

19408 Park Row, Suite 320, Houston, TX 77084

Phone (713)266-1599 Fax (713)266-0130

www.caslab.com

An Employee Owned Company

COLUMBIA ANALYTICAL SERVICES, INC

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil

Service Request No.: K1013433
Date Received: 12/14/10

CASE NARRATIVE

All analyses were performed in adherence to the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier IV. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Seventeen soil samples were received for analysis at Columbia Analytical Services on 12/14/10.

The samples were received at 2°C in good condition and are consistent with the accompanying chain of custody form. The samples were stored in a refrigerator at 4°C upon receipt at the laboratory.

Please note the reporting forms are currently referencing the date CAS- Kelso received the samples (12/3/10) and not the date CAS-Houston received the samples (12/14/10.)

Data Validation Notes and Discussion

B flags – Method Blanks

The Method Blank EQ1100013-01 contained low levels of PCBs at or below the Method Reporting Limit (MRL).

The associated compounds in the samples are flagged with 'B' flags.

Y flags – Labeled Standards

Samples that had recoveries of labeled standards outside the acceptance limits are flagged with 'Y' flags. In all cases, the signal-to-noise ratios are greater than 10:1, making these data acceptable.

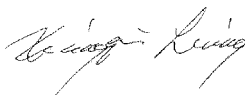
MS/DMS

EQ1100013: Laboratory Control Spike/Duplicate Laboratory Control Spike (LCS/DLCS) samples were analyzed and reported in lieu of an MS/DMS for this extraction batch. The batch quality control criteria were met.

Dilutions

Samples K1013433-008, 010, 011, and 017 required dilutions due to the presence of elevated levels of target analytes.

Approved by:



Date: 01/20/11

Xiangqiu Liang, Laboratory Director

For dilutions, we adjust the concentration of the labeled compounds to 100pg/uL in the extract, as required in Section 17.5 of Method 1668A. The clean-up standard concentration is not adjusted with the labeled standards, as the clean-up standard measures the extraction recoveries in the 1:1 extract. Please disregard the recoveries for the clean-up standard in the dilutions.

K flags

EMPC - When the ion abundance ratios associated with a particular compound are outside the QC limits, samples are flagged with a 'K' flag. A 'K' flag indicates an estimated maximum possible concentration for the associated compound.

Mass Spectrometer Resolution

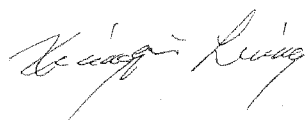
It should be noted that some low masses (<300 amu) of the ending mass resolution check for sequences U224747, U224758, and U224769 did not meet method requirements for minimum mass resolution. This problem can be attributed to our automatic mass resolution printout program, and not to the mass spectrometer itself. There was interference present with the PFK lower mass ions; however, the presence of the lock mass ensures that the proper PCB masses were monitored. Additionally, the resolution of the mass spectrometer was verified by checking the low mass PFK ions (such as 218.9856, 254.9856, or 280.9824) in other functions (where they met acceptance criteria). As a final verification, the low mass labeled compound ion abundance ratios in associated samples were verified to meet acceptance criteria. Since these compounds met acceptance criteria, mass resolution from coeluting interferences could be assured, and no further corrective action was necessary.

For some sequences, the program failed to generate an image of the peak for some masses. Again, this is only a program printout problem and the calculated resolution still appears for each mass, so no corrective action was necessary.

Detection Limits

Detection limits are calculated for each congener in each sample by measuring the height of the noise level for each quantitation ion for the associated labeled standard. The concentration equivalent to 2.5 times the height of the noise is then calculated using the appropriate response factor and the weight of the sample. The calculated concentration equals the detection limit.

Approved by:



Date: 01/20/11

Xiangqiu Liang, Laboratory Director

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001

Service Request: K1013433

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
K1013433-001	USEN-N/S-01-1	12/1/10	
K1013433-002	USEN-N/S-02-1	12/1/10	
K1013433-003	USEN-N/S-02-2	12/1/10	
K1013433-004	USEN-N/S-03-1	12/1/10	
K1013433-005	USEN-N/S-04-1	12/1/10	
K1013433-006	USEN-N/S-04-2	12/1/10	10:00
K1013433-007	USEN-N/S-05-1	12/1/10	
K1013433-008	USEN-E/W-06-1	12/1/10	
K1013433-009	USEN-E/W-07-1	12/1/10	11:20
K1013433-010	USEN-E/W-08-1	12/1/10	12:10
K1013433-011	USEN-E/W-09-1	12/1/10	
K1013433-012	USEN-E/W-10-1	12/1/10	13:20
K1013433-013	USEN-E/W-11-1	12/1/10	13:40
K1013433-014	USEN-RO-01-1	12/1/10	15:00
K1013433-015	USEN-RO-02-1	12/1/10	14:30
K1013433-016	USEN-RO-03-1	12/1/10	
K1013433-017	USEN-E/W-06-2	12/1/10	11:00

Superset Summary

1668A/CI Biphen Cong

Calibrations: 10/19/09

Data Files:

<i>Raw Data</i>	<i>Begin CCAL</i>	<i>Method Blank</i>	<i>Lab ID</i>
U224749	U224747	U224749	EQ1100013-01
U224750	U224747	U224749	K1013433-001
U224751	U224747	U224749	K1013433-002
U224752	U224747	U224749	K1013433-003
U224753	U224747	U224749	K1013433-004
U224754	U224747	U224749	K1013433-005
U224755	U224747	U224749	K1013433-006
U224756	U224747	U224749	K1013433-007
U224757	U224747	U224749	K1013433-008.R01
U224761	U224758	U224749	K1013433-009
U224762	U224758	U224749	K1013433-010.R01
U224763	U224758	U224749	K1013433-011.R01
U224764	U224758	U224749	K1013433-012
U224765	U224758	U224749	K1013433-013
U224766	U224758	U224749	K1013433-014
U224767	U224758	U224749	K1013433-015
U224771	U224769	U224749	K1013433-016
U224772	U224769	U224749	K1013433-017.R01
U224773	U224769	U224749	K1013433-010
U224774	U224769	U224749	K1013433-011
U224775	U224769	U224749	K1013433-008
U224776	U224769	U224749	K1013433-017
U224780	U224779	U224749	EQ1100013-02
U224781	U224779	U224749	EQ1100013-03

Laboratory Certifications 2010-2011

STATE/PROGRAM	AGENCY	CERTIFICATION ID	EXP DATE
ARIZONA	AZ-DHS	AZ0725	05/27/11
ARKANSAS	ADEQ	10-035-0	06/16/11
CALIFORNIA	CA-ELAP	2452	02/28/11
DoD ELAP	A2LA	2897.01	11/30/11
FLORIDA/NELAP	FL-DOHS	E87611	06/30/11
HAWAII	HI-DOH	N/A	06/30/11
ILLINOIS/NELAP	IL-EPA	002611	10/06/11
ISO 17025	A2LA	2897.01	11/30/11
LOUISIANA/NELAP	LELAP	03048	06/30/11
LOUISIANA/NELAP	LDHH	LA100032	12/31/10
MAINE	ME-DOHS	2010041	06/05/12
MICHIGAN	MIDEQ	9971	06/30/11
MINNESOTA	MDH	048-999-427	12/31/10
NEVADA	NDEP	TX014112010A	07/31/10
NEW JERSEY	NJDEP	TX008	06/30/11
NEW MEXICO	NMED-DWB	N/A	06/30/11
NEW YORK/NELAP	NY-DOH	11707	04/01/11
OKLAHOMA	OKDEQ	2010-022	08/31/11
OREGON/NELAP	ORELAP	TX200002-006	03/24/10
PENNSYLVANIA/NELAP	PLAP	002	06/30/11
TENNESSEE	TNDEC	04016	06/30/11
TEXAS/NELAP	TCEQ	T104704216-10-1	06/30/11
UTAH/NELAP	UTELCP	COLU2	06/30/11
SOIL IMPORT PERMIT	USDA	P330-09-00067	03/27/12
WASHINGTON/NELAP	WA-Ecology	C819-10	11/14/11
WEST VIRGINIA	WVDEP	347	06/30/11

Abbreviations, Acronyms & Definitions

Cal	Calibration
Conc	CONCentration
Dioxin(s)	Polychlorinated dibenzo-p-dioxin(s)
EDL	Estimated Detection Limit
EMPC	Estimated Maximum Possible Concentration
Flags	Data qualifiers
Furan(s)	Polychlorinated dibenzofuran(s)
g	Grams
ICAL	Initial CALibration
ID	IDentifier
Ions	Masses monitored for the analyte during data acquisition
L	Liter (s)
LCS	Laboratory Control Sample
DLCS	Duplicate Laboratory Control Sample
MB	Method Blank
MCL	Method Calibration Limit
MDL	Method Detection Limit
MRL	Method Reporting Limit
mL	Milliliters
MS	Matrix Spiked sample
DMS	Duplicate Matrix Spiked sample
NO	Number of peaks meeting all identification criteria
PCDD(s)	Polychlorinated dibenzo-p-dioxin(s)
PCDF(s)	Polychlorinated dibenzofuran(s)
ppb	Parts per billion
ppm	Parts per million
ppq	Parts per quadrillion
ppt	Parts per trillion
QA	Quality Assurance
QC	Quality Control
Ratio	Ratio of areas from monitored ions for an analyte
% Rec.	Percent Recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
S/N	Signal-to-Noise ratio
TEF	Toxicity Equivalence Factor
TEQ	Toxicity Equivalence Quotient

Data Qualifier Flags – Dioxin/Furans

- **B** Indicates the associated analyte is found in the method blank, as well as in the sample.
- **C** Confirmation of the TCDF compound: When 2378-TCDF is detected on the DB-5 column, confirmation analyses are performed on a second column (DB-225). The results from both the DB-5 column and the DB-225 column are included in this data package. The results from the DB-225 analyses should be used to evaluate the 2378-TCDF in the samples. The confirmed result should be used in determining the TEQ value for TCDF.
- **E** Indicates an estimated value – used when the analyte concentration exceeds the upper end of the linear calibration range.
- **J** Indicates an estimated value – used when the analyte concentration is below the method reporting limit (MRL) and above the estimated detection limit (EDL).
- **K** EMPC - When the ion abundance ratios associated with a particular compound are outside the QC limits, samples are flagged with a 'K' flag. A 'K' flag indicates an estimated maximum possible concentration for the associated compound.
- **U** Indicates the compound was analyzed and not detected.
- **Y** Samples that had recoveries of labeled standards outside the acceptance limits are flagged with 'Y'. In all cases, the signal-to-noise ratios are greater than 10:1, making these data acceptable.
- **ND** Indicates concentration is reported as 'Not Detected.'
- **S** Peak is saturated; data not reportable.
- **P** Indicates chlorodiphenyl ether interference present at the retention time of the target compound.
- **Q** Lock-mass interference by chlorodiphenyl ether compounds.

COLUMBIA ANALYTICAL SERVICES, INC. – Houston
Data Processing/Form Production and Peer Review Signatures

SR# Unique ID K1013433

DB-5

DB-225

SPB-Octyl

First Level - Data Processing - to be filled by person generating the forms

Date: 1/17/11	Analyst: <i>cel</i>	Samples: 1-8

Second Level - Data Review – to be filled by person doing peer review

Date: 01/18/11	Analyst: <i>JA</i>	Samples: 001-008

COLUMBIA ANALYTICAL SERVICES, INC. – Houston
Data Processing/Form Production and Peer Review Signatures

SR# Unique ID

K1013433

DB-5

DB-225

SPB-Octyl

First Level - Data Processing - to be filled by person generating the forms

Date:

01/17/11

Analyst:

mc

Samples:

009-015

Second Level - Data Review – to be filled by person doing peer review

Date:

01/19/11

Analyst:

BY

Samples:

009-015

COLUMBIA ANALYTICAL SERVICES, INC. – Houston
Data Processing/Form Production and Peer Review Signatures

SR# Unique ID K1013433

DB-5

DB-225

SPB-Octyl

First Level - Data Processing - to be filled by person generating the forms

Date: 1/18/11 Analyst: *cee* Samples: 16, 17, 8DL, 10DL, 11DL, 17DL

Second Level - Data Review – to be filled by person doing peer review

Date: 01/19/11 Analyst: *[Signature]* Samples: 016, 017, 008DL, 010DL
011DL, 017DL



Analytical Results

19408 Park Row, Suite 320, Houston, TX 77084

Phone (713)266-1599 Fax (713)266-0130

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An Employee Owned Company

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-01-1
Lab Code: K1013433-001

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.202g
Data File Name: U224750
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2125
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	257	1.96	192	3.29	1.001	1
PCB 2	130	2.43	9.61	3.12	0.989	1
PCB 3	171 J	2.51	192	3.08	1.001	1
PCB 4	455 J	43.8	481	1.60	1.001	1
PCB 10	ND U	28.7	48.1			1
PCB 9	148	6.33	48.1	1.69	1.131	1
PCB 7	56.7	6.08	48.1	1.74	1.142	1
PCB 6	339	5.89	48.1	1.72	1.157	1
PCB 5	32.3 JK	7.01	48.1	1.94	1.176	1
PCB 8	1220	5.43	481	1.64	1.185	1
PCB 14	ND U	5.87	96.1			1
PCB 11	425 B	5.97	192	1.61	0.971	1
PCBs 12 + 13	283	6.07	96.1	1.55	0.984	1
PCB 15	700	6.00	481	1.63	1.001	1
PCB 19	94.2 J	4.51	96.1	0.96	1.002	1
PCBs 18 + 30	1100 B	4.27	481	1.00	1.100	1
PCB 17	453 B	5.01	192	1.02	1.122	1
PCB 27	78.2 J	3.54	192	0.96	1.135	1
PCB 24	16.5 JK	3.96	192	0.75	1.141	1
PCB 16	447 B	5.85	96.1	1.00	1.148	1
PCB 32	344 B	3.34	192	1.01	1.175	1
PCB 34	7.48 J	3.26	192	1.14	1.243	1
PCB 23	ND U	3.37	192			1
PCBs 26 + 29	357	3.04	192	1.04	1.267	1
PCB 25	134 J	2.74	192	1.16	0.838	1
PCB 31	2130 B	2.99	481	1.03	0.848	1
PCBs 20 + 28	2240 B	3.21	481	1.03	0.859	1
PCBs 21 + 33	1120 B	3.06	192	1.06	0.868	1
PCB 22	951 B	3.45	192	1.03	0.882	1
PCB 36	3.91 J	2.97	192	1.03	0.936	1
PCB 39	9.68 J	3.06	192	0.89	0.949	1
PCB 38	ND U	3.06	192			1
PCB 35	78.2 J	3.17	192	0.89	0.986	1
PCB 37	963 B	3.45	481	0.99	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-01-1
Lab Code: K1013433-001

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.202g
Data File Name: U224750
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2125
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	2.91	JK	2.59	481	1.21	1.002	1
PCBs 50 + 53	197		2.63	192	0.73	1.100	1
PCBs 45 + 51	236	B	2.74	192	0.77	1.131	1
PCB 46	73.9	J	3.00	192	0.76	1.147	1
PCB 52	1810	B	2.43	481	0.77	1.211	1
PCBs 43 + 73	66.1	J	2.47	481	0.81	1.222	1
PCBs 49 + 69	872	B	2.15	481	0.78	1.234	1
PCB 48	375	B	2.60	192	0.80	1.246	1
PCBs 44 + 47 + 65	1500	B	2.34	481	0.78	1.258	1
PCBs 59 + 62 + 75	144	J	1.94	192	0.81	1.272	1
PCB 42	372	B	2.57	192	0.76	1.281	1
PCBs 41 + 71 + 40	873	B	2.57	481	0.76	1.305	1
PCB 64	783	B	1.84	192	0.79	1.315	1
PCB 72	6.22	JK	1.80	481	1.09	0.833	1
PCB 68	ND	U	1.85	481			1
PCB 57	5.44	J	1.86	481	0.74	0.853	1
PCB 58	ND	U	1.89	481			1
PCB 67	68.2	J	1.66	481	0.78	0.865	1
PCB 63	91.3	J	1.73	481	0.80	0.873	1
PCBs 70 + 61 + 74 + 76	4180	B	1.84	481	0.77	0.882	1
PCB 66	2220	B	1.75	481	0.77	0.892	1
PCB 55	ND	U	2.04	481			1
PCB 56	1110	B	9.05	192	0.76	0.912	1
PCB 60	864		9.10	481	0.75	0.917	1
PCB 80	ND	U	7.71	481			1
PCB 79	32.5	JK	7.56	481	0.62	0.972	1
PCB 78	ND	U	8.50	481			1
PCB 81	23.6	J	9.45	481	0.69	1.001	1
PCB 77	610		9.44	481	0.82	1.000	1
PCB 104	ND	U	2.31	481			1
PCB 96	16.7	J	2.43	481	1.48	1.015	1
PCB 103	13.3	J	2.82	481	1.41	1.086	1
PCB 94	10.2	JK	3.51	481	1.17	1.094	1
PCB 95	1710	B	3.04	481	1.58	1.111	1
PCBs 93 + 100	26.9	JK	3.27	481	1.29	1.117	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-01-1
Lab Code: K1013433-001

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.202g
Data File Name: U224750
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2125
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	84.0	J	3.09	481	1.57	1.124	1
PCBs 88 + 91	242	BJ	3.20	481	1.58	1.142	1
PCB 84	479	BJ	3.46	481	1.54	1.151	1
PCB 89	32.1	J	3.30	481	1.55	1.168	1
PCB 121	ND	U	7.38	481			1
PCB 92	442	BJ	9.72	481	1.61	0.862	1
PCBs 90 + 101 + 113	3360	B	8.56	961	1.57	0.878	1
PCBs 83 + 99	1370	B	10.2	481	1.58	0.893	1
PCB 112	ND	U	6.79	961			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	1890	B	8.35	481	1.55	0.909	1
PCB 117	54.0	JK	8.10	192	2.00	0.924	1
PCBs 85 + 116	444		7.76	192	1.51	0.926	1
PCBs 110 + 115	3450	B	7.10	961	1.56	0.930	1
PCB 82	426	J	10.5	481	1.58	0.939	1
PCB 111	ND	U	7.46	961			1
PCB 120	22.3	J	6.69	481	1.54	0.961	1
PCBs 108 + 124	163	J	19.2	961	1.58	0.991	1
PCB 107	297	J	16.9	961	1.55	0.997	1
PCB 123	67.3	J	16.6	481	1.71	1.000	1
PCB 106	ND	U	16.0	481			1
PCB 118	3450	B	15.5	481	1.57	1.000	1
PCB 122	56.9	JK	18.5	481	1.79	1.010	1
PCB 114	125	J	16.2	481	1.54	1.001	1
PCB 105	1790	B	16.5	192	1.59	1.000	1
PCB 127	ND	U	18.1	961			1
PCB 126	115	J	17.0	481	1.45	1.000	1
PCB 155	ND	U	2.86	961			1
PCB 152	4.53	JK	2.63	961	1.44	1.008	1
PCB 150	12.9	J	2.85	961	1.09	1.012	1
PCB 136	685	B	2.70	192	1.23	1.024	1
PCB 145	ND	U	2.92	961			1
PCB 148	7.43	J	3.55	961	1.30	1.077	1
PCBs 135 + 151	2460	B	3.70	481	1.23	1.096	1
PCB 154	73.9	J	3.09	481	1.20	1.103	1
PCB 144	386	J	3.50	481	1.23	1.113	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-01-1
Lab Code: K1013433-001

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.202g
Data File Name: U224750
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2125
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	6910	B	21.2	481	1.24	1.124	1
PCB 134	361	J	25.8	481	1.18	1.131	1
PCB 143	ND	U	21.0	481			1
PCBs 139 + 140	60.0	J	21.0	481	1.30	1.143	1
PCB 131	58.2	J	22.9	481	1.20	1.149	1
PCB 142	ND	U	23.4	961			1
PCB 132	2260	B	24.5	481	1.24	1.163	1
PCB 133	91.6	J	22.6	481	1.23	1.177	1
PCB 165	ND	U	18.3	961			1
PCB 146	1300		18.7	481	1.26	0.890	1
PCB 161	ND	U	16.2	961			1
PCBs 153 + 168	10100	B	18.0	481	1.26	0.904	1
PCB 141	1950		21.0	192	1.27	0.909	1
PCB 130	416	J	24.2	481	1.27	0.918	1
PCB 137	166	J	22.0	961	1.18	0.923	1
PCB 164	623		17.1	481	1.25	0.926	1
PCBs 129 + 138 + 163	10500	B	20.6	481	1.25	0.933	1
PCB 160	ND	U	17.8	481			1
PCB 158	1010		15.2	192	1.26	0.942	1
PCBs 128 + 166	1080		19.4	481	1.23	0.962	1
PCB 159	145	J	8.55	961	1.24	0.983	1
PCB 162	41.8	J	8.88	961	1.41	0.990	1
PCB 167	488		7.38	481	1.23	1.000	1
PCBs 156 + 157	1020		10.5	481	1.29	1.000	1
PCB 169	45.6	J	8.71	481	1.39	1.000	1
PCB 188	7.83	J	2.36	481	1.18	1.000	1
PCB 179	1310		2.00	481	1.02	1.010	1
PCB 184	ND	U	2.10	961			1
PCB 176	441	J	2.09	961	1.01	1.033	1
PCB 186	ND	U	2.27	961			1
PCB 178	794		2.94	481	0.99	1.080	1
PCB 175	196	J	2.78	961	1.00	1.096	1
PCB 187	5260		2.66	481	1.02	1.103	1
PCB 182	ND	U	2.70	961			1
PCB 183	2930		20.2	961	0.94	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-01-1
Lab Code: K1013433-001

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.202g
Data File Name: U224750
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2125
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	404	JK	19.8	961	1.27	1.121	1
PCB 174	4520		20.1	481	0.99	1.126	1
PCB 177	2900		21.2	481	0.98	1.137	1
PCB 181	ND	U	21.2	961			1
PCBs 171 + 173	1420		21.6	961	0.96	1.153	1
PCB 172	917	J	22.0	961	1.00	0.902	1
PCB 192	ND	U	18.4	961			1
PCBs 180 + 193	12100		18.0	481	1.00	0.915	1
PCB 191	299	J	16.5	961	0.97	0.922	1
PCB 170	5380		23.3	481	1.00	0.940	1
PCB 190	1090		15.4	481	0.99	0.950	1
PCB 189	201	J	15.6	481	0.98	1.000	1
PCB 202	360	J	3.45	961	0.88	1.000	1
PCB 201	265	J	3.03	961	0.88	1.022	1
PCB 204	ND	U	3.06	961			1
PCB 197	77.2	J	3.01	961	0.90	1.042	1
PCB 200	310	J	3.15	961	0.87	1.045	1
PCBs 198 + 199	2900		4.46	481	0.86	1.108	1
PCB 196	1440		4.21	961	0.88	0.920	1
PCB 203	1770		4.20	961	0.84	0.924	1
PCB 195	1220		4.50	961	0.87	0.948	1
PCB 194	3160		4.46	481	0.87	0.992	1
PCB 205	171	J	3.38	961	0.91	1.000	1
PCB 208	109	J	4.16	961	0.79	1.000	1
PCB 207	72.3	J	3.90	961	0.71	1.019	1
PCB 206	741	J	4.25	961	0.76	1.001	1
PCB 209	160	J	3.43	481	1.11	1.000	1
Total MonoCB	558		1.96	192			1
Total DiCB	3660		5.43	481			1
Total TriCB	10500		2.74	481			1
Total TetraCB	16500		1.66	481			1
Total PentaCB	20100		2.31	961			1
Total HexaCB	42200		2.63	961			1
Total HeptaCB	40200		2.00	961			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-01-1
Lab Code: K1013433-001

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.202g
Data File Name: U224750
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2125
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	11700	3.01	961			1
Total NonaCB	922 J	3.90	961			1
Total PCBs	147000	1.66	961			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-01-1
Lab Code: K1013433-001

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.202g
Data File Name: U224750
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2125
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	3341.504	33		15-150	3.06	0.744
PCB 3L	10000	3263.130	33		15-150	3.06	0.871
PCB 4L	10000	3152.100	32		25-150	1.56	0.885
PCB 15L	10000	3769.656	38		25-150	1.60	1.225
PCB 19L	10000	3512.424	35		25-150	1.05	1.065
PCB 37L	10000	4319.906	43		25-150	1.03	1.084
PCB 54L	10000	2845.464	28		25-150	0.82	0.827
PCB 81L	10000	4532.757	45		25-150	0.78	1.341
PCB 77L	10000	4815.113	48		25-150	0.79	1.362
PCB 104L	10000	3102.630	31		25-150	1.59	0.821
PCB 123L	10000	4224.229	42		25-150	1.53	1.140
PCB 118L	10000	4364.420	44		25-150	1.55	1.150
PCB 114L	10000	4290.324	43		25-150	1.58	1.165
PCB 105L	10000	4607.291	46		25-150	1.53	1.186
PCB 126L	10000	5233.859	52		25-150	1.54	1.279
PCB 155L	10000	2623.652	26		25-150	1.30	0.798
PCB 167L	10000	3568.700	36		25-150	1.21	1.073
PCBs 156L + 157L	20000	7721.985	39		25-150	1.27	1.102
PCB 169L	10000	3977.240	40		25-150	1.26	1.180
PCB 188L	10000	3133.601	31		25-150	1.06	0.725
PCB 189L	10000	4248.231	42		25-150	1.02	0.961
PCB 202L	10000	3242.299	32		25-150	0.89	0.826
PCB 205L	10000	4297.183	43		25-150	0.90	1.009
PCB 208L	10000	3206.233	32		25-150	0.80	0.951
PCB 206L	10000	4513.276	45		25-150	0.77	1.041
PCB 209L	10000	3659.401	37		25-150	1.20	1.071
PCB 28L	10000	3988.231	40		30-135	1.06	0.930
PCB 111L	10000	4122.251	41		30-135	1.59	1.080
PCB 178L	10000	2121.044	21	Y	30-135	1.05	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-1
Lab Code: K1013433-002

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.197g
Data File Name: U224751
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2233
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	891		2.88	192	3.06	1.001	1
PCB 2	324		3.81	9.62	3.04	0.989	1
PCB 3	607		4.09	192	3.00	1.001	1
PCB 4	1320	K	156	481	1.88	1.001	1
PCB 10	ND	U	64.3	64.3			1
PCB 9	467		5.82	48.1	1.48	1.150	1
PCB 7	181		5.59	48.1	1.60	1.155	1
PCB 6	1120		5.41	48.1	1.52	1.167	1
PCB 5	114	K	6.44	48.1	1.26	1.184	1
PCB 8	4040		4.99	481	1.61	1.192	1
PCB 14	8.10	JK	5.40	96.2	1.16	0.933	1
PCB 11	1080	B	5.48	192	1.60	0.972	1
PCBs 12 + 13	768		5.58	96.2	1.57	0.986	1
PCB 15	2260		2.69	481	1.55	1.001	1
PCB 19	303		5.46	96.2	1.00	1.001	1
PCBs 18 + 30	3910	B	5.23	481	1.02	1.095	1
PCB 17	1600	B	6.12	192	0.99	1.117	1
PCB 27	257		4.33	192	1.00	1.128	1
PCB 24	71.4	J	4.84	192	1.05	1.135	1
PCB 16	1540	B	7.15	96.2	1.02	1.142	1
PCB 32	1120	B	4.09	192	0.99	1.168	1
PCB 34	26.1	J	5.24	192	1.09	1.235	1
PCB 23	ND	U	5.42	192			1
PCBs 26 + 29	1170		4.89	192	1.06	1.259	1
PCB 25	456		4.41	192	1.02	0.839	1
PCB 31	7030	B	4.80	481	1.04	0.850	1
PCBs 20 + 28	7210	B	5.15	481	1.04	0.860	1
PCBs 21 + 33	3640	B	4.91	192	1.05	0.869	1
PCB 22	3000	B	5.54	192	1.04	0.882	1
PCB 36	ND	U	4.76	192			1
PCB 39	ND	U	4.92	192			1
PCB 38	ND	U	4.91	192			1
PCB 35	271		5.10	192	0.90	0.986	1
PCB 37	2840	B	5.54	481	1.06	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-1
Lab Code: K1013433-002

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.197g
Data File Name: U224751
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2233
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	9.09	J	3.68	481	0.66	1.001	1
PCBs 50 + 53	636		2.57	192	0.77	1.098	1
PCBs 45 + 51	748	B	2.67	192	0.79	1.129	1
PCB 46	238		2.93	192	0.81	1.144	1
PCB 52	5790	B	2.37	481	0.77	1.207	1
PCBs 43 + 73	212	J	2.41	481	0.80	1.218	1
PCBs 49 + 69	2750	B	2.10	481	0.78	1.230	1
PCB 48	1210	B	2.53	192	0.77	1.242	1
PCBs 44 + 47 + 65	4690	B	2.28	481	0.76	1.254	1
PCBs 59 + 62 + 75	456		1.89	192	0.77	1.268	1
PCB 42	1170	B	2.50	192	0.76	1.277	1
PCBs 41 + 71 + 40	2850	B	2.50	481	0.75	1.301	1
PCB 64	2400	B	1.79	192	0.77	1.311	1
PCB 72	23.1	JK	1.76	481	0.58	0.833	1
PCB 68	ND	U	1.80	481			1
PCB 57	17.4	J	1.81	481	0.68	0.853	1
PCB 58	ND	U	1.84	481			1
PCB 67	192	J	1.62	481	0.76	0.865	1
PCB 63	254	J	1.68	481	0.77	0.873	1
PCBs 70 + 61 + 74 + 76	12700	B	1.80	481	0.77	0.882	1
PCB 66	6520	B	1.71	481	0.76	0.892	1
PCB 55	ND	U	1.99	481			1
PCB 56	3440	B	10.7	192	0.81	0.911	1
PCB 60	2510		10.7	481	0.81	0.917	1
PCB 80	ND	U	9.06	481			1
PCB 79	107	J	8.88	481	0.73	0.972	1
PCB 78	ND	U	9.99	481			1
PCB 81	69.3	J	11.3	481	0.69	1.000	1
PCB 77	1650		11.1	481	0.78	1.001	1
PCB 104	ND	U	2.03	481			1
PCB 96	51.5	J	2.09	481	1.47	1.015	1
PCB 103	42.3	J	2.43	481	1.59	1.085	1
PCB 94	32.7	J	3.02	481	1.64	1.094	1
PCB 95	5540	B	2.62	481	1.58	1.110	1
PCBs 93 + 100	ND	U	2.81	481			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-1
Lab Code: K1013433-002

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.197g
Data File Name: U224751
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2233
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	234	J	2.66	481	1.59	1.122	1
PCBs 88 + 91	731	B	2.75	481	1.59	1.142	1
PCB 84	1440	B	2.97	481	1.54	1.150	1
PCB 89	90.9	J	2.84	481	1.60	1.167	1
PCB 121	ND	U	10.4	481			1
PCB 92	1370	B	13.7	481	1.58	0.862	1
PCBs 90 + 101 + 113	10300	B	12.1	962	1.56	0.878	1
PCBs 83 + 99	3980	B	14.3	481	1.58	0.893	1
PCB 112	ND	U	9.54	962			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	5740	B	11.8	481	1.55	0.909	1
PCB 117	179	J	11.4	192	1.56	0.924	1
PCBs 85 + 116	1320		11.0	192	1.58	0.926	1
PCBs 110 + 115	10100	B	9.98	962	1.57	0.930	1
PCB 82	1140		14.8	481	1.61	0.939	1
PCB 111	ND	U	10.5	962			1
PCB 120	57.6	J	9.41	481	1.53	0.961	1
PCBs 108 + 124	484	J	68.1	962	1.56	0.991	1
PCB 107	840	J	59.8	962	1.61	0.997	1
PCB 123	147	JK	58.3	481	1.93	1.001	1
PCB 106	ND	U	56.8	481			1
PCB 118	9770	B	54.4	481	1.55	1.000	1
PCB 122	140	J	65.7	481	1.77	1.010	1
PCB 114	355	J	57.4	481	1.36	1.000	1
PCB 105	5150	B	58.3	192	1.55	1.001	1
PCB 127	ND	U	64.2	962			1
PCB 126	292	J	58.2	481	1.53	1.000	1
PCB 155	ND	U	2.31	962			1
PCB 152	11.8	J	2.17	962	1.05	1.008	1
PCB 150	41.3	J	2.34	962	1.12	1.013	1
PCB 136	2140	B	2.22	192	1.23	1.025	1
PCB 145	ND	U	2.40	962			1
PCB 148	15.8	J	2.92	962	1.43	1.078	1
PCBs 135 + 151	7790	B	3.04	481	1.22	1.096	1
PCB 154	193	J	2.54	481	1.21	1.104	1
PCB 144	1190		2.87	481	1.27	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-1
Lab Code: K1013433-002

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.197g
Data File Name: U224751
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2233
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	20700	B	19.9	481	1.25	1.125	1
PCB 134	1020		24.3	481	1.28	1.132	1
PCB 143	ND	U	19.7	481			1
PCBs 139 + 140	173	J	19.7	481	1.24	1.143	1
PCB 131	170	J	21.5	481	1.25	1.149	1
PCB 142	ND	U	22.0	962			1
PCB 132	6810	B	23.0	481	1.26	1.164	1
PCB 133	292	J	21.2	481	1.27	1.178	1
PCB 165	ND	U	17.2	962			1
PCB 146	3890		17.6	481	1.25	0.890	1
PCB 161	ND	U	15.2	962			1
PCBs 153 + 168	29400	B	16.9	481	1.24	0.904	1
PCB 141	6070		19.8	192	1.24	0.909	1
PCB 130	1230		22.7	481	1.21	0.919	1
PCB 137	463	J	20.6	962	1.25	0.924	1
PCB 164	1900		16.0	481	1.24	0.926	1
PCBs 129 + 138 + 163	31600	B	19.3	481	1.24	0.933	1
PCB 160	ND	U	16.7	481			1
PCB 158	2850		14.3	192	1.26	0.942	1
PCBs 128 + 166	3140		18.2	481	1.24	0.962	1
PCB 159	398	J	13.5	962	1.25	0.983	1
PCB 162	128	J	14.0	962	1.27	0.990	1
PCB 167	1270		11.9	481	1.22	1.001	1
PCBs 156 + 157	2770		16.5	481	1.28	1.000	1
PCB 169	130	J	13.3	481	1.30	1.000	1
PCB 188	ND	U	3.86	481			1
PCB 179	3840		3.31	481	1.02	1.010	1
PCB 184	ND	U	3.47	962			1
PCB 176	1310		3.46	962	1.02	1.033	1
PCB 186	ND	U	3.75	962			1
PCB 178	2350		4.87	481	1.02	1.080	1
PCB 175	557	J	4.61	962	1.00	1.096	1
PCB 187	15600		4.41	481	1.02	1.103	1
PCB 182	84.6	J	4.47	962	0.93	1.108	1
PCB 183	8360		22.4	962	0.99	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-1
Lab Code: K1013433-002

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.197g
Data File Name: U224751
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2233
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	1090	22.0	962	1.01	1.122	1
PCB 174	13000	22.3	481	1.00	1.126	1
PCB 177	8550	23.6	481	0.98	1.137	1
PCB 181	ND U	23.5	962			1
PCBs 171 + 173	4040	24.0	962	1.00	1.153	1
PCB 172	2510	24.4	962	0.99	0.903	1
PCB 192	ND U	20.4	962			1
PCBs 180 + 193	34400	20.0	481	1.00	0.915	1
PCB 191	785 J	18.3	962	1.01	0.922	1
PCB 170	15000	25.9	481	1.00	0.940	1
PCB 190	3080	17.1	481	0.98	0.950	1
PCB 189	555	17.6	481	0.97	1.001	1
PCB 202	1040	4.69	962	0.88	1.000	1
PCB 201	726 J	4.05	962	0.86	1.021	1
PCB 204	ND U	4.10	962			1
PCB 197	231 J	4.04	962	0.84	1.042	1
PCB 200	788 J	4.22	962	0.90	1.044	1
PCBs 198 + 199	8220	5.98	481	0.86	1.108	1
PCB 196	3930	5.63	962	0.86	0.920	1
PCB 203	4930	5.63	962	0.86	0.924	1
PCB 195	3450	6.03	962	0.88	0.948	1
PCB 194	8780	5.97	481	0.87	0.992	1
PCB 205	449 J	4.45	962	0.86	1.000	1
PCB 208	270 J	4.52	962	0.77	1.001	1
PCB 207	202 J	4.19	962	0.77	1.019	1
PCB 206	1880	3.39	962	0.75	1.000	1
PCB 209	194 J	3.56	481	1.26	1.000	1
Total MonoCB	1820	2.88	192			1
Total DiCB	11400	2.69	481			1
Total TriCB	34400	4.09	481			1
Total TetraCB	50600	1.62	481			1
Total PentaCB	59500	2.03	962			1
Total HexaCB	126000	2.17	962			1
Total HeptaCB	115000	3.31	962			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-1
Lab Code: K1013433-002

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.197g
Data File Name: U224751
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2233
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	32500	4.04	962			1
Total NonaCB	2350	3.39	962			1
Total PCBs	434000	1.62	962			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-1
Lab Code: K1013433-002

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.197g
Data File Name: U224751
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2233
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	4536.017	45		15-150	3.07	0.731
PCB 3L	10000	4563.810	46		15-150	2.91	0.855
PCB 4L	10000	4132.795	41		25-150	1.57	0.870
PCB 15L	10000	4630.716	46		25-150	1.60	1.203
PCB 19L	10000	4255.695	43		25-150	1.03	1.053
PCB 37L	10000	5283.312	53		25-150	1.03	1.083
PCB 54L	10000	3675.463	37		25-150	0.81	0.829
PCB 81L	10000	5263.244	53		25-150	0.79	1.340
PCB 77L	10000	5498.629	55		25-150	0.75	1.362
PCB 104L	10000	3682.042	37		25-150	1.59	0.822
PCB 123L	10000	5051.270	51		25-150	1.56	1.140
PCB 118L	10000	5048.625	50		25-150	1.58	1.150
PCB 114L	10000	4980.471	50		25-150	1.55	1.166
PCB 105L	10000	5352.734	54		25-150	1.56	1.186
PCB 126L	10000	6078.942	61		25-150	1.53	1.280
PCB 155L	10000	2937.670	29		25-150	1.26	0.797
PCB 167L	10000	3804.851	38		25-150	1.25	1.073
PCBs 156L + 157L	20000	8259.805	41		25-150	1.28	1.101
PCB 169L	10000	4451.856	45		25-150	1.25	1.179
PCB 188L	10000	3455.860	35		25-150	1.06	0.726
PCB 189L	10000	4783.818	48		25-150	1.04	0.961
PCB 202L	10000	3558.537	36		25-150	0.90	0.827
PCB 205L	10000	4934.663	49		25-150	0.91	1.009
PCB 208L	10000	3630.302	36		25-150	0.80	0.951
PCB 206L	10000	5086.768	51		25-150	0.78	1.042
PCB 209L	10000	4123.607	41		25-150	1.22	1.072
PCB 28L	10000	4990.219	50		30-135	1.02	0.931
PCB 111L	10000	4668.858	47		30-135	1.56	1.081
PCB 178L	10000	2320.865	23	Y	30-135	1.06	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-2
Lab Code: K1013433-003

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.379g
Data File Name: U224752
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2341
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	721		4.54	186	3.09	1.000	1
PCB 2	245		4.46	9.30	3.14	0.990	1
PCB 3	490		3.68	186	3.10	1.001	1
PCB 4	1390		171	465	1.46	1.001	1
PCB 10	ND	U	63.1	63.1			1
PCB 9	376		7.02	46.5	1.62	1.152	1
PCB 7	133		6.74	46.5	1.56	1.158	1
PCB 6	834		6.52	46.5	1.56	1.168	1
PCB 5	90.2		7.77	46.5	1.39	1.185	1
PCB 8	3180		6.02	465	1.59	1.191	1
PCB 14	ND	U	6.51	93.0			1
PCB 11	1170	B	6.62	186	1.60	0.972	1
PCBs 12 + 13	695		6.73	93.0	1.55	0.986	1
PCB 15	2060		3.08	465	1.58	1.001	1
PCB 19	254		3.76	93.0	0.99	1.001	1
PCBs 18 + 30	2980	B	3.25	465	1.03	1.094	1
PCB 17	1210	B	3.80	186	1.03	1.116	1
PCB 27	207		2.69	186	0.98	1.127	1
PCB 24	56.0	J	3.00	186	1.02	1.134	1
PCB 16	1170	B	4.44	93.0	1.02	1.140	1
PCB 32	930	B	2.54	186	1.02	1.167	1
PCB 34	21.4	J	10.8	186	0.91	1.232	1
PCB 23	ND	U	11.1	186			1
PCBs 26 + 29	1070		10.0	186	1.11	1.256	1
PCB 25	384		9.01	186	1.17	0.839	1
PCB 31	6560	B	9.82	465	1.08	0.850	1
PCBs 20 + 28	6790	B	10.6	465	1.07	0.859	1
PCBs 21 + 33	3220	B	10.1	186	1.14	0.869	1
PCB 22	2770	B	11.4	186	1.09	0.882	1
PCB 36	ND	U	9.75	186			1
PCB 39	ND	U	10.1	186			1
PCB 38	ND	U	10.1	186			1
PCB 35	216	K	10.5	186	1.43	0.986	1
PCB 37	2940	B	10.8	465	1.13	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-2
Lab Code: K1013433-003

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.379g
Data File Name: U224752
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2341
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	7.56	J	2.57	465	0.66	1.001	1
PCBs 50 + 53	593		2.94	186	0.78	1.098	1
PCBs 45 + 51	694	B	3.06	186	0.77	1.128	1
PCB 46	228		3.35	186	0.70	1.143	1
PCB 52	5800	B	2.72	465	0.78	1.207	1
PCBs 43 + 73	201	J	2.76	465	0.79	1.217	1
PCBs 49 + 69	2680	B	2.40	465	0.77	1.228	1
PCB 48	1170	B	2.90	186	0.76	1.241	1
PCBs 44 + 47 + 65	4640	B	2.61	465	0.77	1.252	1
PCBs 59 + 62 + 75	463		2.16	186	0.77	1.267	1
PCB 42	1160	B	2.87	186	0.78	1.276	1
PCBs 41 + 71 + 40	2810	B	2.87	465	0.77	1.299	1
PCB 64	2440	B	2.05	186	0.77	1.310	1
PCB 72	28.1	J	2.01	465	0.66	0.833	1
PCB 68	ND	U	2.07	465			1
PCB 57	19.6	J	2.07	465	0.82	0.854	1
PCB 58	ND	U	2.11	465			1
PCB 67	211	J	1.85	465	0.77	0.865	1
PCB 63	269	J	1.93	465	0.76	0.873	1
PCBs 70 + 61 + 74 + 76	12900	B	2.06	465	0.77	0.883	1
PCB 66	6660	B	1.95	465	0.77	0.892	1
PCB 55	ND	U	2.28	465			1
PCB 56	3680	B	11.6	186	0.80	0.911	1
PCB 60	2640		11.7	465	0.81	0.917	1
PCB 80	ND	U	9.87	465			1
PCB 79	111	J	9.68	465	0.77	0.972	1
PCB 78	ND	U	10.9	465			1
PCB 81	70.4	J	11.5	465	0.76	1.000	1
PCB 77	1640		12.0	465	0.81	1.000	1
PCB 104	ND	U	2.64	465			1
PCB 96	50.5	J	2.54	465	1.50	1.015	1
PCB 103	37.2	J	2.95	465	1.47	1.085	1
PCB 94	36.4	J	3.67	465	1.45	1.093	1
PCB 95	4990	B	3.18	465	1.59	1.109	1
PCBs 93 + 100	ND	U	3.43	465			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-2
Lab Code: K1013433-003

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.379g
Data File Name: U224752
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2341
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	232	J	3.23	465	1.60	1.122	1
PCBs 88 + 91	716	B	3.35	465	1.59	1.141	1
PCB 84	1380	B	3.62	465	1.57	1.150	1
PCB 89	96.3	J	3.45	465	1.60	1.167	1
PCB 121	ND	U	3.44	465			1
PCB 92	1290	B	4.54	465	1.58	0.862	1
PCBs 90 + 101 + 113	9400	B	3.99	930	1.57	0.878	1
PCBs 83 + 99	3880	B	4.72	465	1.55	0.893	1
PCB 112	ND	U	3.17	930			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	5380	B	3.90	465	1.55	0.909	1
PCB 117	137	JK	3.78	186	1.82	0.923	1
PCBs 85 + 116	1260		3.62	186	1.52	0.926	1
PCBs 110 + 115	9340	B	3.31	930	1.56	0.930	1
PCB 82	1000		4.90	465	1.54	0.939	1
PCB 111	ND	U	3.48	930			1
PCB 120	59.6	J	3.12	465	1.65	0.961	1
PCBs 108 + 124	473	J	40.8	930	1.51	0.991	1
PCB 107	794	J	35.9	930	1.54	0.997	1
PCB 123	179	J	34.4	465	1.47	1.000	1
PCB 106	ND	U	34.1	465			1
PCB 118	8980	B	32.7	465	1.57	1.000	1
PCB 122	135	J	39.4	465	1.64	1.010	1
PCB 114	306	J	33.0	465	1.43	1.001	1
PCB 105	4640	B	36.9	186	1.56	1.000	1
PCB 127	ND	U	38.5	930			1
PCB 126	274	J	33.0	465	1.58	1.001	1
PCB 155	ND	U	2.85	930			1
PCB 152	11.5	J	2.60	930	1.17	1.009	1
PCB 150	39.0	J	2.81	930	1.34	1.013	1
PCB 136	1770	B	2.66	186	1.25	1.025	1
PCB 145	ND	U	2.88	930			1
PCB 148	16.3	J	3.50	930	1.32	1.078	1
PCBs 135 + 151	6040	B	3.64	465	1.24	1.097	1
PCB 154	168	J	3.05	465	1.17	1.104	1
PCB 144	947		3.45	465	1.22	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-2
Lab Code: K1013433-003

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.379g
Data File Name: U224752
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2341
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	16200	B	11.6	465	1.25	1.125	1
PCB 134	818		14.2	465	1.26	1.131	1
PCB 143	ND	U	11.5	465			1
PCBs 139 + 140	163	J	11.5	465	1.24	1.143	1
PCB 131	143	J	12.6	465	1.21	1.149	1
PCB 142	ND	U	12.9	930			1
PCB 132	5390	B	13.5	465	1.26	1.164	1
PCB 133	242	J	12.4	465	1.22	1.178	1
PCB 165	ND	U	10.0	930			1
PCB 146	2970		10.3	465	1.23	0.890	1
PCB 161	ND	U	8.86	930			1
PCBs 153 + 168	21500	B	9.86	465	1.25	0.904	1
PCB 141	4510		11.6	186	1.24	0.910	1
PCB 130	1020		13.3	465	1.25	0.919	1
PCB 137	395	J	12.1	930	1.30	0.924	1
PCB 164	1450		9.33	465	1.25	0.926	1
PCBs 129 + 138 + 163	23200	B	11.3	465	1.25	0.933	1
PCB 160	ND	U	9.75	465			1
PCB 158	2180		8.32	186	1.26	0.942	1
PCBs 128 + 166	2420		10.7	465	1.24	0.961	1
PCB 159	299	J	7.52	930	1.25	0.982	1
PCB 162	106	JK	7.81	930	1.47	0.989	1
PCB 167	1030		6.63	465	1.29	1.000	1
PCBs 156 + 157	2210		9.18	465	1.24	1.000	1
PCB 169	91.9	J	7.28	465	1.37	1.000	1
PCB 188	21.6	J	2.93	465	0.89	1.000	1
PCB 179	2810		2.41	465	1.02	1.010	1
PCB 184	ND	U	2.53	930			1
PCB 176	924	J	2.52	930	1.03	1.033	1
PCB 186	ND	U	2.73	930			1
PCB 178	1740		3.54	465	1.04	1.080	1
PCB 175	415	J	3.35	930	1.05	1.096	1
PCB 187	11100		3.21	465	1.04	1.103	1
PCB 182	70.1	J	3.25	930	1.12	1.108	1
PCB 183	6350		20.1	930	1.01	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-2
Lab Code: K1013433-003

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.379g
Data File Name: U224752
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2341
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	884	J	19.7	930	0.91	1.122	1
PCB 174	9510		20.0	465	0.98	1.126	1
PCB 177	5960		21.1	465	0.98	1.138	1
PCB 181	ND	U	21.1	930			1
PCBs 171 + 173	2960		21.5	930	0.99	1.153	1
PCB 172	1940		21.9	930	1.00	0.903	1
PCB 192	ND	U	18.3	930			1
PCBs 180 + 193	25900		17.9	465	0.99	0.915	1
PCB 191	595	J	16.4	930	1.05	0.922	1
PCB 170	11500		23.2	465	0.99	0.940	1
PCB 190	2290		15.3	465	1.00	0.950	1
PCB 189	423	J	15.0	465	0.99	1.000	1
PCB 202	793	J	4.58	930	0.87	1.000	1
PCB 201	553	J	3.91	930	0.87	1.021	1
PCB 204	ND	U	3.95	930			1
PCB 197	173	J	3.89	930	0.87	1.042	1
PCB 200	566	J	4.07	930	0.84	1.044	1
PCBs 198 + 199	6140		5.77	465	0.88	1.107	1
PCB 196	2990		5.44	930	0.87	0.920	1
PCB 203	3710		5.43	930	0.88	0.924	1
PCB 195	2580		5.81	930	0.86	0.948	1
PCB 194	6650		5.76	465	0.88	0.992	1
PCB 205	355	J	4.24	930	0.93	1.000	1
PCB 208	226	J	3.07	930	0.79	1.000	1
PCB 207	149	J	2.89	930	0.81	1.019	1
PCB 206	1480		2.99	930	0.75	1.001	1
PCB 209	190	J	1.90	465	1.20	1.000	1
Total MonoCB	1460		3.68	186			1
Total DiCB	9930		3.08	465			1
Total TriCB	30800		2.54	465			1
Total TetraCB	51100		1.85	465			1
Total PentaCB	55100		2.54	930			1
Total HexaCB	95400		2.60	930			1
Total HeptaCB	85400		2.41	930			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-2
Lab Code: K1013433-003

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.379g
Data File Name: U224752
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2341
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	24500	3.89	930			1
Total NonaCB	1860	2.89	930			1
Total PCBs	356000	1.85	930			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-02-2
Lab Code: K1013433-003

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.379g
Data File Name: U224752
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2341
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	6094.725	61		15-150	3.16	0.727
PCB 3L	10000	6573.451	66		15-150	2.97	0.854
PCB 4L	10000	5356.827	54		25-150	1.62	0.868
PCB 15L	10000	7388.527	74		25-150	1.56	1.198
PCB 19L	10000	6169.833	62		25-150	1.02	1.049
PCB 37L	10000	8474.812	85		25-150	1.03	1.083
PCB 54L	10000	5055.877	51		25-150	0.81	0.830
PCB 81L	10000	8383.858	84		25-150	0.78	1.340
PCB 77L	10000	8755.102	88		25-150	0.77	1.364
PCB 104L	10000	5206.036	52		25-150	1.57	0.822
PCB 123L	10000	7642.353	76		25-150	1.55	1.141
PCB 118L	10000	7684.912	77		25-150	1.55	1.150
PCB 114L	10000	7710.009	77		25-150	1.54	1.166
PCB 105L	10000	7878.757	79		25-150	1.56	1.187
PCB 126L	10000	9273.528	93		25-150	1.54	1.280
PCB 155L	10000	4545.121	45		25-150	1.27	0.797
PCB 167L	10000	6069.747	61		25-150	1.22	1.073
PCBs 156L + 157L	20000	12878.109	64		25-150	1.24	1.101
PCB 169L	10000	7103.243	71		25-150	1.26	1.179
PCB 188L	10000	4878.775	49		25-150	1.05	0.726
PCB 189L	10000	7134.966	71		25-150	1.04	0.961
PCB 202L	10000	5200.778	52		25-150	0.89	0.827
PCB 205L	10000	7276.669	73		25-150	0.90	1.009
PCB 208L	10000	5526.499	55		25-150	0.81	0.951
PCB 206L	10000	7824.236	78		25-150	0.79	1.041
PCB 209L	10000	6296.611	63		25-150	1.18	1.071
PCB 28L	10000	8101.779	81		30-135	1.03	0.931
PCB 111L	10000	7289.931	73		30-135	1.59	1.082
PCB 178L	10000	3604.192	36		30-135	1.06	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-03-1
Lab Code: K1013433-004

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.689g
Data File Name: U224753
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0050
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	548		1.87	176	3.27	1.001	1
PCB 2	436		2.18	8.79	3.08	0.989	1
PCB 3	556		2.11	176	3.05	1.001	1
PCB 4	869		152	439	1.56	1.001	1
PCB 10	ND	U	72.4	72.4			1
PCB 9	309		20.7	43.9	1.65	1.131	1
PCB 7	92.8		19.9	43.9	1.63	1.141	1
PCB 6	775		19.2	43.9	1.64	1.157	1
PCB 5	70.6	K	22.9	43.9	1.93	1.177	1
PCB 8	2260		17.8	439	1.64	1.185	1
PCB 14	ND	U	19.2	87.9			1
PCB 11	855	B	19.5	176	1.58	0.971	1
PCBs 12 + 13	861		19.8	87.9	1.64	0.984	1
PCB 15	1570		16.3	439	1.65	1.001	1
PCB 19	200		7.51	87.9	1.02	1.001	1
PCBs 18 + 30	1810	B	5.04	439	1.04	1.101	1
PCB 17	711	B	5.90	176	1.04	1.122	1
PCB 27	129	J	4.18	176	1.06	1.134	1
PCB 24	28.0	J	4.66	176	1.00	1.141	1
PCB 16	762	B	6.89	87.9	1.02	1.149	1
PCB 32	558	B	3.94	176	1.07	1.176	1
PCB 34	18.2	J	13.9	176	1.14	1.243	1
PCB 23	ND	U	14.4	176			1
PCBs 26 + 29	742		13.0	176	1.09	1.268	1
PCB 25	259		11.7	176	1.15	0.838	1
PCB 31	4590	B	12.7	439	1.09	0.849	1
PCBs 20 + 28	4770	B	13.7	439	1.06	0.859	1
PCBs 21 + 33	2270	B	13.0	176	1.12	0.868	1
PCB 22	2030	B	14.7	176	1.11	0.882	1
PCB 36	ND	U	12.6	176			1
PCB 39	ND	U	13.1	176			1
PCB 38	ND	U	13.0	176			1
PCB 35	217		13.5	176	0.93	0.986	1
PCB 37	2060	B	12.6	439	1.14	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-03-1
Lab Code: K1013433-004

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.689g
Data File Name: U224753
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0050
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	ND	U	12.0	439			1
PCBs 50 + 53	373		2.93	176	0.79	1.101	1
PCBs 45 + 51	495	B	3.05	176	0.75	1.132	1
PCB 46	162	J	3.34	176	0.73	1.147	1
PCB 52	3890	B	2.71	439	0.78	1.212	1
PCBs 43 + 73	125	J	2.75	439	0.79	1.222	1
PCBs 49 + 69	1890	B	2.40	439	0.81	1.234	1
PCB 48	788	B	2.89	176	0.82	1.247	1
PCBs 44 + 47 + 65	3350	B	2.61	439	0.79	1.258	1
PCBs 59 + 62 + 75	321		2.16	176	0.75	1.273	1
PCB 42	848	B	2.86	176	0.75	1.282	1
PCBs 41 + 71 + 40	2120	B	2.86	439	0.76	1.305	1
PCB 64	1850	B	2.04	176	0.77	1.315	1
PCB 72	17.0	JK	2.01	439	0.36	0.833	1
PCB 68	ND	U	2.06	439			1
PCB 57	13.2	J	2.07	439	0.67	0.853	1
PCB 58	ND	U	2.10	439			1
PCB 67	126	J	1.85	439	0.70	0.865	1
PCB 63	195	J	1.92	439	0.74	0.873	1
PCBs 70 + 61 + 74 + 76	9800	B	2.05	439	0.78	0.882	1
PCB 66	5100	B	1.95	439	0.78	0.892	1
PCB 55	ND	U	2.27	439			1
PCB 56	2990	B	16.3	176	0.83	0.911	1
PCB 60	2130		16.4	439	0.84	0.917	1
PCB 80	ND	U	13.9	439			1
PCB 79	102	JK	13.6	439	0.60	0.972	1
PCB 78	ND	U	15.3	439			1
PCB 81	48.6	J	15.1	439	0.85	1.000	1
PCB 77	1240		15.4	439	0.85	1.000	1
PCB 104	ND	U	2.75	439			1
PCB 96	34.3	J	2.09	439	1.52	1.015	1
PCB 103	30.3	J	2.44	439	1.42	1.085	1
PCB 94	26.9	J	3.03	439	1.58	1.094	1
PCB 95	4280	B	2.62	439	1.55	1.110	1
PCBs 93 + 100	ND	U	2.82	439			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-03-1
Lab Code: K1013433-004

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.689g
Data File Name: U224753
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0050
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	178	J	2.67	439	1.47	1.123	1
PCBs 88 + 91	652	B	2.76	439	1.53	1.142	1
PCB 84	1330	B	2.98	439	1.53	1.151	1
PCB 89	75.3	J	2.85	439	1.56	1.168	1
PCB 121	ND	U	15.6	439			1
PCB 92	1270	B	20.5	439	1.51	0.862	1
PCBs 90 + 101 + 113	9420	B	18.1	879	1.58	0.878	1
PCBs 83 + 99	3830	B	21.4	439	1.56	0.893	1
PCB 112	ND	U	14.3	879			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	5660	B	17.6	439	1.54	0.909	1
PCB 117	202		17.1	176	1.49	0.924	1
PCBs 85 + 116	1230		16.4	176	1.58	0.926	1
PCBs 110 + 115	10200	B	15.0	879	1.57	0.930	1
PCB 82	1160		22.2	439	1.58	0.939	1
PCB 111	ND	U	15.8	879			1
PCB 120	39.6	JK	14.1	439	1.20	0.961	1
PCBs 108 + 124	529	J	102	879	1.60	0.991	1
PCB 107	867	J	88.9	879	1.61	0.997	1
PCB 123	207	J	79.5	439	1.73	1.000	1
PCB 106	ND	U	84.5	439			1
PCB 118	9870	B	76.0	439	1.57	1.000	1
PCB 122	137	JK	97.6	439	1.93	1.010	1
PCB 114	385	J	79.7	439	1.43	1.000	1
PCB 105	5550	B	83.0	176	1.58	1.000	1
PCB 127	ND	U	95.3	879			1
PCB 126	242	J	82.0	439	1.63	1.000	1
PCB 155	ND	U	4.25	879			1
PCB 152	6.18	JK	3.58	879	2.05	1.008	1
PCB 150	31.6	J	3.88	879	1.27	1.013	1
PCB 136	1800	B	3.68	176	1.26	1.024	1
PCB 145	ND	U	3.98	879			1
PCB 148	7.58	JK	4.83	879	2.01	1.078	1
PCBs 135 + 151	6560	B	5.03	439	1.26	1.096	1
PCB 154	159	J	4.21	439	1.28	1.104	1
PCB 144	1020		4.76	439	1.24	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-03-1
Lab Code: K1013433-004

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.689g
Data File Name: U224753
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0050
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	17900	B	57.1	439	1.25	1.125	1
PCB 134	1070		69.7	439	1.23	1.131	1
PCB 143	ND	U	56.6	439			1
PCBs 139 + 140	177	J	56.6	439	1.29	1.143	1
PCB 131	172	J	61.8	439	1.22	1.149	1
PCB 142	ND	U	63.2	879			1
PCB 132	6690	B	66.2	439	1.26	1.164	1
PCB 133	268	J	61.1	439	1.24	1.178	1
PCB 165	ND	U	49.3	879			1
PCB 146	3350		50.6	439	1.26	0.890	1
PCB 161	ND	U	43.7	879			1
PCBs 153 + 168	25800	B	48.7	439	1.25	0.904	1
PCB 141	5620		56.8	176	1.24	0.909	1
PCB 130	1190		65.2	439	1.27	0.918	1
PCB 137	501	J	59.3	879	1.24	0.923	1
PCB 164	1820		46.0	439	1.25	0.926	1
PCBs 129 + 138 + 163	28200	B	55.5	439	1.25	0.933	1
PCB 160	ND	U	48.1	439			1
PCB 158	2770		41.0	176	1.26	0.942	1
PCBs 128 + 166	3270		52.4	439	1.29	0.962	1
PCB 159	449	J	21.4	879	1.35	0.983	1
PCB 162	118	J	22.3	879	1.31	0.990	1
PCB 167	1300		18.7	439	1.25	1.001	1
PCBs 156 + 157	2940		25.7	439	1.27	1.000	1
PCB 169	64.0	J	20.2	439	1.35	1.000	1
PCB 188	ND	U	3.92	439			1
PCB 179	3420		3.16	439	1.03	1.010	1
PCB 184	ND	U	3.32	879			1
PCB 176	1170		3.30	879	1.04	1.033	1
PCB 186	ND	U	3.58	879			1
PCB 178	2200		4.65	439	1.05	1.080	1
PCB 175	523	J	4.40	879	1.02	1.096	1
PCB 187	14100		4.21	439	1.04	1.103	1
PCB 182	ND	U	4.27	879			1
PCB 183	8210		67.3	879	0.98	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-03-1
Lab Code: K1013433-004

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.689g
Data File Name: U224753
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0050
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	1320	66.1	879	1.02	1.121	1
PCB 174	13500	67.0	439	1.01	1.125	1
PCB 177	8310	70.9	439	0.99	1.137	1
PCB 181	ND U	70.7	879			1
PCBs 171 + 173	4110	72.1	879	1.00	1.153	1
PCB 172	2600	73.3	879	1.01	0.903	1
PCB 192	ND U	61.3	879			1
PCBs 180 + 193	35000	60.0	439	1.00	0.915	1
PCB 191	810 J	55.0	879	1.05	0.922	1
PCB 170	16200	77.9	439	1.01	0.940	1
PCB 190	3250	51.2	439	1.01	0.950	1
PCB 189	559	49.3	439	0.99	1.000	1
PCB 202	994	4.32	879	0.91	1.000	1
PCB 201	698 J	3.71	879	0.90	1.021	1
PCB 204	ND U	3.75	879			1
PCB 197	190 J	3.69	879	0.86	1.042	1
PCB 200	760 J	3.85	879	0.89	1.045	1
PCBs 198 + 199	7790	5.46	439	0.88	1.108	1
PCB 196	3780	5.15	879	0.88	0.920	1
PCB 203	4710	5.15	879	0.87	0.924	1
PCB 195	3350	5.51	879	0.89	0.948	1
PCB 194	8650	5.46	439	0.88	0.992	1
PCB 205	448 J	4.04	879	0.91	1.000	1
PCB 208	255 J	3.48	879	0.83	1.000	1
PCB 207	171 J	3.07	879	0.76	1.019	1
PCB 206	1770	5.66	879	0.76	1.000	1
PCB 209	158 J	3.50	439	1.17	1.000	1
Total MonoCB	1540	1.87	176			1
Total DiCB	7660	16.3	439			1
Total TriCB	21200	3.94	439			1
Total TetraCB	38000	1.85	439			1
Total PentaCB	57400	2.09	879			1
Total HexaCB	113000	3.58	879			1
Total HeptaCB	115000	3.16	879			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-03-1
Lab Code: K1013433-004

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.689g
Data File Name: U224753
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0050
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	31400	3.69	879			1
Total NonaCB	2200	3.07	879			1
Total PCBs	388000	1.85	879			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-03-1
Lab Code: K1013433-004

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.689g
Data File Name: U224753
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0050
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	3414.735	34		15-150	3.06	0.744
PCB 3L	10000	3628.010	36		15-150	3.26	0.871
PCB 4L	10000	2675.467	27		25-150	1.60	0.885
PCB 15L	10000	5211.751	52		25-150	1.56	1.225
PCB 19L	10000	3552.154	36		25-150	1.06	1.065
PCB 37L	10000	8000.293	80		25-150	1.03	1.084
PCB 54L	10000	3527.295	35		25-150	0.83	0.826
PCB 81L	10000	8627.058	86		25-150	0.78	1.341
PCB 77L	10000	8966.186	90		25-150	0.78	1.362
PCB 104L	10000	3907.921	39		25-150	1.61	0.822
PCB 123L	10000	7750.031	78		25-150	1.54	1.140
PCB 118L	10000	7891.964	79		25-150	1.60	1.150
PCB 114L	10000	7823.580	78		25-150	1.61	1.166
PCB 105L	10000	8113.741	81		25-150	1.57	1.186
PCB 126L	10000	9610.743	96		25-150	1.56	1.279
PCB 155L	10000	4107.429	41		25-150	1.31	0.798
PCB 167L	10000	6358.457	64		25-150	1.25	1.073
PCBs 156L + 157L	20000	13672.043	68		25-150	1.27	1.101
PCB 169L	10000	7446.125	74		25-150	1.20	1.180
PCB 188L	10000	4411.564	44		25-150	1.06	0.726
PCB 189L	10000	6813.168	68		25-150	1.05	0.961
PCB 202L	10000	5036.051	50		25-150	0.90	0.827
PCB 205L	10000	7059.342	71		25-150	0.91	1.009
PCB 208L	10000	5227.457	52		25-150	0.80	0.951
PCB 206L	10000	8288.431	83		25-150	0.79	1.042
PCB 209L	10000	6291.869	63		25-150	1.20	1.072
PCB 28L	10000	6844.274	68		30-135	1.03	0.930
PCB 111L	10000	6695.345	67		30-135	1.55	1.080
PCB 178L	10000	3524.422	35		30-135	1.04	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-1
Lab Code: K1013433-005

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.056g
Data File Name: U224754
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0158
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	2020	3.24	198	3.19	1.000	1
PCB 2	1130	4.48	9.89	3.37	0.989	1
PCB 3	2000	4.87	198	3.10	1.001	1
PCB 4	2310	518	518	1.52	1.001	1
PCB 10	ND U	151	151			1
PCB 9	1180	32.7	49.4	1.54	1.149	1
PCB 7	486	31.4	49.4	1.50	1.155	1
PCB 6	2930	30.4	49.4	1.61	1.166	1
PCB 5	272	36.2	49.4	1.51	1.183	1
PCB 8	10100	28.1	494	1.60	1.191	1
PCB 14	ND U	30.4	98.9			1
PCB 11	1990 B	30.9	198	1.67	0.972	1
PCBs 12 + 13	2640	31.4	98.9	1.52	0.986	1
PCB 15	7220	12.4	494	1.61	1.002	1
PCB 19	425	4.73	98.9	1.04	1.001	1
PCBs 18 + 30	4190 B	3.15	494	1.04	1.095	1
PCB 17	1760 B	3.68	198	1.05	1.117	1
PCB 27	282	2.61	198	1.01	1.128	1
PCB 24	64.0 JK	2.91	198	0.79	1.135	1
PCB 16	1770 B	4.30	98.9	1.04	1.141	1
PCB 32	1240 B	2.46	198	1.04	1.168	1
PCB 34	33.3 JK	4.24	198	1.22	1.234	1
PCB 23	ND U	4.38	198			1
PCBs 26 + 29	2290	3.95	198	1.07	1.258	1
PCB 25	844	3.56	198	1.06	0.838	1
PCB 31	12300 B	3.88	494	1.05	0.849	1
PCBs 20 + 28	13800 B	4.17	494	1.06	0.859	1
PCBs 21 + 33	6850 B	3.97	198	1.05	0.869	1
PCB 22	5180 B	4.48	198	1.04	0.882	1
PCB 36	21.6 J	3.85	198	1.08	0.936	1
PCB 39	ND U	3.98	198			1
PCB 38	ND U	3.97	198			1
PCB 35	510	4.12	198	1.07	0.986	1
PCB 37	5100 B	3.75	494	1.04	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-1
Lab Code: K1013433-005

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.056g
Data File Name: U224754
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0158
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	9.77	JK	4.27	494	0.97	1.000	1
PCBs 50 + 53	719		2.81	198	0.80	1.098	1
PCBs 45 + 51	920	B	2.92	198	0.80	1.128	1
PCB 46	309		3.20	198	0.80	1.144	1
PCB 52	6430	B	2.59	494	0.77	1.207	1
PCBs 43 + 73	216	J	2.64	494	0.74	1.218	1
PCBs 49 + 69	3200	B	2.29	494	0.80	1.229	1
PCB 48	1420	B	2.77	198	0.79	1.242	1
PCBs 44 + 47 + 65	5710	B	2.49	494	0.79	1.253	1
PCBs 59 + 62 + 75	542		2.07	198	0.77	1.268	1
PCB 42	1500	B	2.74	198	0.77	1.277	1
PCBs 41 + 71 + 40	3670	B	2.74	494	0.79	1.300	1
PCB 64	2910	B	1.96	198	0.79	1.311	1
PCB 72	47.8	JK	1.92	494	0.42	0.833	1
PCB 68	ND	U	1.97	494			1
PCB 57	23.8	J	1.98	494	0.89	0.854	1
PCB 58	ND	U	2.01	494			1
PCB 67	241	J	1.77	494	0.75	0.865	1
PCB 63	308	J	1.84	494	0.77	0.873	1
PCBs 70 + 61 + 74 + 76	14300	B	1.96	494	0.78	0.883	1
PCB 66	7690	B	1.87	494	0.78	0.892	1
PCB 55	152	JK	2.18	494	1.01	0.896	1
PCB 56	5060	B	24.9	198	0.82	0.911	1
PCB 60	3430		25.0	494	0.80	0.917	1
PCB 80	ND	U	21.2	494			1
PCB 79	126	JK	20.8	494	0.50	0.972	1
PCB 78	ND	U	23.4	494			1
PCB 81	77.5	J	23.4	494	0.67	1.000	1
PCB 77	1690		24.0	494	0.82	1.000	1
PCB 104	ND	U	3.32	494			1
PCB 96	53.1	J	2.67	494	1.43	1.015	1
PCB 103	40.0	J	3.11	494	1.64	1.085	1
PCB 94	34.0	J	3.86	494	1.58	1.093	1
PCB 95	5270	B	3.35	494	1.57	1.109	1
PCBs 93 + 100	54.8	J	3.60	494	1.51	1.117	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-1
Lab Code: K1013433-005

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.056g
Data File Name: U224754
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0158
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	233	J	3.40	494	1.67	1.123	1
PCBs 88 + 91	681	B	3.52	494	1.57	1.141	1
PCB 84	1300	B	3.81	494	1.56	1.150	1
PCB 89	98.3	J	3.63	494	1.47	1.167	1
PCB 121	ND	U	7.04	494			1
PCB 92	1400	B	9.27	494	1.49	0.862	1
PCBs 90 + 101 + 113	10400	B	8.17	989	1.55	0.878	1
PCBs 83 + 99	3700	B	9.65	494	1.58	0.893	1
PCB 112	ND	U	6.47	989			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	5470	B	7.97	494	1.52	0.909	1
PCB 117	175	J	7.73	198	1.46	0.924	1
PCBs 85 + 116	1210		7.40	198	1.57	0.926	1
PCBs 110 + 115	9310	B	6.77	989	1.55	0.930	1
PCB 82	1120		10.1	494	1.68	0.939	1
PCB 111	ND	U	7.12	989			1
PCB 120	68.5	J	6.38	494	1.39	0.961	1
PCBs 108 + 124	538	J	82.7	989	1.43	0.991	1
PCB 107	887	J	72.7	989	1.58	0.997	1
PCB 123	150	JK	67.2	494	1.85	1.001	1
PCB 106	ND	U	69.0	494			1
PCB 118	8280	B	62.3	494	1.57	1.001	1
PCB 122	102	JK	79.8	494	2.62	1.010	1
PCB 114	360	JK	65.0	494	1.20	1.000	1
PCB 105	4750	B	69.5	198	1.53	1.001	1
PCB 127	ND	U	77.9	989			1
PCB 126	231	J	64.1	494	1.58	1.000	1
PCB 155	ND	U	7.30	989			1
PCB 152	12.1	J	5.42	989	1.17	1.008	1
PCB 150	44.7	JK	5.86	989	1.44	1.012	1
PCB 136	2340	B	5.56	198	1.26	1.025	1
PCB 145	ND	U	6.01	989			1
PCB 148	12.5	J	7.30	989	1.20	1.078	1
PCBs 135 + 151	8300	B	7.60	494	1.26	1.096	1
PCB 154	167	JK	6.36	494	1.47	1.104	1
PCB 144	1250		7.19	494	1.25	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-1
Lab Code: K1013433-005

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.056g
Data File Name: U224754
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0158
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	21100	B	21.6	494	1.26	1.125	1
PCB 134	1070		26.3	494	1.21	1.131	1
PCB 143	ND	U	21.4	494			1
PCBs 139 + 140	159	J	21.4	494	1.25	1.143	1
PCB 131	150	J	23.4	494	1.25	1.149	1
PCB 142	ND	U	23.9	989			1
PCB 132	7070	B	25.0	494	1.27	1.164	1
PCB 133	324	J	23.1	494	1.16	1.178	1
PCB 165	ND	U	18.6	989			1
PCB 146	3670		19.1	494	1.27	0.890	1
PCB 161	ND	U	16.5	989			1
PCBs 153 + 168	27400	B	18.4	494	1.26	0.904	1
PCB 141	6290		21.5	198	1.26	0.909	1
PCB 130	1140		24.7	494	1.26	0.919	1
PCB 137	322	J	22.4	989	1.21	0.923	1
PCB 164	1910		17.4	494	1.26	0.926	1
PCBs 129 + 138 + 163	27300	B	21.0	494	1.26	0.933	1
PCB 160	ND	U	18.2	494			1
PCB 158	2600		15.5	198	1.27	0.942	1
PCBs 128 + 166	2720		19.8	494	1.25	0.962	1
PCB 159	524	J	13.2	989	1.26	0.983	1
PCB 162	118	J	13.7	989	1.24	0.990	1
PCB 167	1200		11.2	494	1.26	1.001	1
PCBs 156 + 157	2440		15.3	494	1.25	0.999	1
PCB 169	72.4	JK	12.0	494	1.67	1.000	1
PCB 188	ND	U	2.50	494			1
PCB 179	4310		1.93	494	1.04	1.010	1
PCB 184	ND	U	2.03	989			1
PCB 176	1370		2.02	989	1.02	1.033	1
PCB 186	ND	U	2.19	989			1
PCB 178	2540		2.84	494	1.06	1.080	1
PCB 175	605	J	2.69	989	1.09	1.096	1
PCB 187	15300		2.58	494	1.04	1.103	1
PCB 182	72.2	J	2.61	989	1.01	1.108	1
PCB 183	9670		27.1	989	1.00	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-1
Lab Code: K1013433-005

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.056g
Data File Name: U224754
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0158
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	1430	26.6	989	1.00	1.122	1
PCB 174	14800	27.0	494	1.01	1.126	1
PCB 177	8900	28.5	494	1.01	1.137	1
PCB 181	ND U	28.5	989			1
PCBs 171 + 173	4420	29.0	989	1.00	1.153	1
PCB 172	2910	29.5	989	1.03	0.903	1
PCB 192	ND U	24.7	989			1
PCBs 180 + 193	37700	24.2	494	1.01	0.915	1
PCB 191	790 J	22.2	989	1.04	0.922	1
PCB 170	16700	31.4	494	1.00	0.940	1
PCB 190	3360	20.6	494	1.00	0.950	1
PCB 189	540	19.0	494	1.03	1.000	1
PCB 202	1250	4.53	989	0.88	1.001	1
PCB 201	833 J	3.69	989	0.88	1.022	1
PCB 204	ND U	3.73	989			1
PCB 197	246 J	3.67	989	0.89	1.042	1
PCB 200	876 J	3.83	989	0.89	1.045	1
PCBs 198 + 199	8640	5.44	494	0.90	1.108	1
PCB 196	4190	5.12	989	0.90	0.920	1
PCB 203	5190	5.12	989	0.89	0.924	1
PCB 195	3590	5.48	989	0.89	0.948	1
PCB 194	9190	5.43	494	0.89	0.992	1
PCB 205	441 J	3.83	989	0.89	1.001	1
PCB 208	283 J	4.35	989	0.76	1.000	1
PCB 207	198 J	3.81	989	0.81	1.019	1
PCB 206	1860	4.33	989	0.75	1.000	1
PCB 209	199 J	3.77	494	1.19	1.000	1
Total MonoCB	5160	3.24	198			1
Total DiCB	29200	12.4	494			1
Total TriCB	56600	2.46	494			1
Total TetraCB	60700	1.77	494			1
Total PentaCB	55900	2.67	989			1
Total HexaCB	120000	5.42	989			1
Total HeptaCB	125000	1.93	989			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-1
Lab Code: K1013433-005

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.056g
Data File Name: U224754
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0158
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	34400	3.67	989			1
Total NonaCB	2340	3.81	989			1
Total PCBs	490000	1.77	989			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-1
Lab Code: K1013433-005

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.056g
Data File Name: U224754
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0158
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	4967.797	50		15-150	3.20	0.731
PCB 3L	10000	5541.671	55		15-150	3.08	0.856
PCB 4L	10000	3586.749	36		25-150	1.55	0.871
PCB 15L	10000	7023.837	70		25-150	1.58	1.202
PCB 19L	10000	4444.214	44		25-150	1.08	1.053
PCB 37L	10000	9796.411	98		25-150	1.06	1.083
PCB 54L	10000	4599.336	46		25-150	0.81	0.829
PCB 81L	10000	9645.431	96		25-150	0.79	1.340
PCB 77L	10000	9988.367	100		25-150	0.79	1.363
PCB 104L	10000	4581.565	46		25-150	1.64	0.822
PCB 123L	10000	8405.223	84		25-150	1.58	1.140
PCB 118L	10000	8557.717	86		25-150	1.57	1.149
PCB 114L	10000	8610.996	86		25-150	1.56	1.165
PCB 105L	10000	8722.289	87		25-150	1.58	1.186
PCB 126L	10000	10639.486	106		25-150	1.55	1.279
PCB 155L	10000	4140.745	41		25-150	1.27	0.798
PCB 167L	10000	6931.123	69		25-150	1.25	1.073
PCBs 156L + 157L	20000	15087.431	75		25-150	1.24	1.102
PCB 169L	10000	8241.197	82		25-150	1.25	1.179
PCB 188L	10000	4298.074	43		25-150	1.06	0.726
PCB 189L	10000	6942.264	69		25-150	1.05	0.961
PCB 202L	10000	4644.896	46		25-150	0.91	0.827
PCB 205L	10000	6929.504	69		25-150	0.91	1.009
PCB 208L	10000	5217.218	52		25-150	0.82	0.951
PCB 206L	10000	8246.169	82		25-150	0.80	1.042
PCB 209L	10000	6056.779	61		25-150	1.19	1.071
PCB 28L	10000	8934.989	89		30-135	1.05	0.931
PCB 111L	10000	6793.468	68		30-135	1.58	1.080
PCB 178L	10000	3521.081	35		30-135	1.08	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-2
Lab Code: K1013433-006

Service Request: K1013433
Date Collected: 12/ 1/10 1000
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.785g
Data File Name: U224755
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0306
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	270		3.73	173	3.23	1.000	1
PCB 2	133		4.23	8.64	3.48	0.990	1
PCB 3	279		4.01	173	3.34	1.001	1
PCB 4	ND	U	630	630			1
PCB 10	ND	U	181	181			1
PCB 9	179		39.7	43.2	1.54	1.160	1
PCB 7	59.2		38.1	43.2	1.74	1.165	1
PCB 6	447		36.9	43.2	1.61	1.174	1
PCB 5	ND	U	43.9	43.9			1
PCB 8	1500		34.1	432	1.60	1.196	1
PCB 14	ND	U	36.8	86.4			1
PCB 11	865	B	37.4	173	1.57	0.972	1
PCBs 12 + 13	422		38.1	86.4	1.61	0.986	1
PCB 15	1200		11.9	432	1.53	1.001	1
PCB 19	149		4.46	86.4	1.12	1.001	1
PCBs 18 + 30	1440	B	3.28	432	1.04	1.093	1
PCB 17	596	B	3.84	173	1.04	1.114	1
PCB 27	103	J	2.72	173	1.07	1.125	1
PCB 24	23.4	J	3.04	173	1.10	1.132	1
PCB 16	625	B	4.49	86.4	1.06	1.138	1
PCB 32	497	B	2.56	173	1.01	1.165	1
PCB 34	ND	U	9.00	173			1
PCB 23	ND	U	9.31	173			1
PCBs 26 + 29	616		8.40	173	1.09	1.254	1
PCB 25	244		7.57	173	1.18	0.839	1
PCB 31	3940	B	8.24	432	1.06	0.850	1
PCBs 20 + 28	4520	B	8.86	432	1.08	0.859	1
PCBs 21 + 33	2110	B	8.44	173	1.08	0.868	1
PCB 22	1880	B	9.52	173	1.08	0.882	1
PCB 36	ND	U	8.19	173			1
PCB 39	ND	U	8.45	173			1
PCB 38	ND	U	8.44	173			1
PCB 35	169	J	8.76	173	1.10	0.986	1
PCB 37	1750	B	8.45	432	1.05	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-2
Lab Code: K1013433-006

Service Request: K1013433
Date Collected: 12/ 1/10 1000
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.785g
Data File Name: U224755
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0306
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	5.40	JK	3.36	432	0.94	1.001	1
PCBs 50 + 53	389		2.75	173	0.78	1.097	1
PCBs 45 + 51	486	B	2.86	173	0.74	1.128	1
PCB 46	169	J	3.14	173	0.78	1.143	1
PCB 52	3400	B	2.54	432	0.78	1.206	1
PCBs 43 + 73	117	J	2.58	432	0.72	1.216	1
PCBs 49 + 69	1740	B	2.25	432	0.78	1.228	1
PCB 48	731	B	2.71	173	0.77	1.240	1
PCBs 44 + 47 + 65	3090	B	2.44	432	0.78	1.252	1
PCBs 59 + 62 + 75	288		2.03	173	0.80	1.266	1
PCB 42	849	B	2.68	173	0.76	1.276	1
PCBs 41 + 71 + 40	2020	B	2.68	432	0.76	1.299	1
PCB 64	1540	B	1.92	173	0.80	1.309	1
PCB 72	19.4	JK	1.88	432	0.47	0.834	1
PCB 68	ND	U	1.93	432			1
PCB 57	7.86	JK	1.94	432	0.54	0.854	1
PCB 58	ND	U	1.97	432			1
PCB 67	109	J	1.73	432	0.72	0.865	1
PCB 63	155	J	1.80	432	0.76	0.873	1
PCBs 70 + 61 + 74 + 76	7180	B	1.92	432	0.78	0.883	1
PCB 66	4090	B	1.83	432	0.78	0.892	1
PCB 55	ND	U	2.13	432			1
PCB 56	2730	B	9.87	173	0.82	0.912	1
PCB 60	1840		9.93	432	0.78	0.917	1
PCB 80	ND	U	8.42	432			1
PCB 79	67.6	JK	8.25	432	0.54	0.971	1
PCB 78	ND	U	9.28	432			1
PCB 81	37.6	J	9.54	432	0.74	1.000	1
PCB 77	957		9.65	432	0.81	1.000	1
PCB 104	ND	U	3.22	432			1
PCB 96	32.3	J	2.71	432	1.48	1.015	1
PCB 103	25.9	J	3.16	432	1.51	1.085	1
PCB 94	19.8	JK	3.92	432	1.17	1.093	1
PCB 95	3090	B	3.40	432	1.56	1.110	1
PCBs 93 + 100	32.9	JK	3.66	432	1.23	1.118	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-2
Lab Code: K1013433-006

Service Request: K1013433
Date Collected: 12/ 1/10 1000
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.785g
Data File Name: U224755
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0306
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	138	J	3.45	432	1.43	1.123	1
PCBs 88 + 91	398	BJ	3.58	432	1.57	1.141	1
PCB 84	764	B	3.87	432	1.54	1.151	1
PCB 89	61.1	J	3.69	432	1.52	1.167	1
PCB 121	ND	U	7.95	432			1
PCB 92	833	B	10.5	432	1.56	0.862	1
PCBs 90 + 101 + 113	6100	B	9.22	864	1.58	0.878	1
PCBs 83 + 99	2110	B	10.9	432	1.58	0.893	1
PCB 112	ND	U	7.31	864			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	3110	B	8.99	432	1.54	0.909	1
PCB 117	87.9	J	8.72	173	1.49	0.923	1
PCBs 85 + 116	717		8.35	173	1.59	0.926	1
PCBs 110 + 115	5390	B	7.64	864	1.58	0.930	1
PCB 82	611		11.3	432	1.62	0.939	1
PCB 111	ND	U	8.03	864			1
PCB 120	27.6	JK	7.20	432	2.19	0.961	1
PCBs 108 + 124	317	J	11.7	864	1.50	0.991	1
PCB 107	505	J	10.3	864	1.59	0.997	1
PCB 123	101	J	9.50	432	1.53	1.000	1
PCB 106	ND	U	9.76	432			1
PCB 118	5050	B	9.05	432	1.59	1.000	1
PCB 122	56.6	JK	11.3	432	2.73	1.010	1
PCB 114	211	J	9.19	432	1.38	1.001	1
PCB 105	2960	B	9.93	173	1.60	1.000	1
PCB 127	ND	U	11.1	864			1
PCB 126	153	J	8.73	432	1.68	1.001	1
PCB 155	ND	U	3.89	864			1
PCB 152	4.15	JK	2.91	864	0.60	1.008	1
PCB 150	30.2	J	3.15	864	1.22	1.013	1
PCB 136	1400	B	2.99	173	1.26	1.025	1
PCB 145	ND	U	3.23	864			1
PCB 148	10.7	J	3.93	864	1.19	1.078	1
PCBs 135 + 151	5190	B	4.09	432	1.26	1.097	1
PCB 154	110	J	3.42	432	1.27	1.104	1
PCB 144	774		3.87	432	1.24	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-2
Lab Code: K1013433-006

Service Request: K1013433
Date Collected: 12/ 1/10 1000
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.785g
Data File Name: U224755
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0306
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	13300	B	12.8	432	1.27	1.125	1
PCB 134	661		15.6	432	1.20	1.131	1
PCB 143	ND	U	12.6	432			1
PCBs 139 + 140	104	J	12.7	432	1.36	1.143	1
PCB 131	93.9	J	13.8	432	1.17	1.150	1
PCB 142	ND	U	14.1	864			1
PCB 132	4570	B	14.8	432	1.25	1.164	1
PCB 133	209	J	13.6	432	1.22	1.178	1
PCB 165	ND	U	11.0	864			1
PCB 146	2460		11.3	432	1.28	0.890	1
PCB 161	ND	U	9.73	864			1
PCBs 153 + 168	18400	B	10.9	432	1.25	0.904	1
PCB 141	4240		12.7	173	1.25	0.909	1
PCB 130	759		14.6	432	1.24	0.919	1
PCB 137	237	J	13.2	864	1.29	0.924	1
PCB 164	1280		10.3	432	1.26	0.926	1
PCBs 129 + 138 + 163	18800	B	12.4	432	1.25	0.933	1
PCB 160	ND	U	10.7	432			1
PCB 158	1780		9.13	173	1.28	0.941	1
PCBs 128 + 166	1880		11.7	432	1.25	0.961	1
PCB 159	371	J	8.59	864	1.31	0.982	1
PCB 162	89.8	J	8.92	864	1.39	0.990	1
PCB 167	842		7.41	432	1.27	1.000	1
PCBs 156 + 157	1700		9.76	432	1.29	1.000	1
PCB 169	31.6	JK	7.91	432	1.62	1.000	1
PCB 188	ND	U	4.32	432			1
PCB 179	2930		3.40	432	1.03	1.010	1
PCB 184	ND	U	3.58	864			1
PCB 176	932		3.56	864	1.06	1.033	1
PCB 186	ND	U	3.86	864			1
PCB 178	1830		5.01	432	1.02	1.080	1
PCB 175	421	J	4.74	864	1.02	1.096	1
PCB 187	11000		4.54	432	1.05	1.103	1
PCB 182	47.3	J	4.60	864	1.04	1.109	1
PCB 183	6890		22.7	864	1.02	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-2
Lab Code: K1013433-006

Service Request: K1013433
Date Collected: 12/ 1/10 1000
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.785g
Data File Name: U224755
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0306
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	999	22.3	864	1.09	1.122	1
PCB 174	10900	22.6	432	1.01	1.126	1
PCB 177	6670	23.9	432	1.01	1.138	1
PCB 181	ND U	23.9	864			1
PCBs 171 + 173	3190	24.3	864	1.01	1.153	1
PCB 172	2140	24.8	864	1.00	0.903	1
PCB 192	ND U	20.7	864			1
PCBs 180 + 193	27700	20.3	432	1.02	0.915	1
PCB 191	575 J	18.6	864	1.00	0.922	1
PCB 170	12400	26.3	432	1.02	0.940	1
PCB 190	2510	17.3	432	1.01	0.950	1
PCB 189	408 J	16.3	432	0.99	1.000	1
PCB 202	880	2.61	864	0.91	1.000	1
PCB 201	610 J	2.19	864	0.89	1.021	1
PCB 204	ND U	2.21	864			1
PCB 197	184 J	2.18	864	0.92	1.042	1
PCB 200	659 J	2.28	864	0.91	1.044	1
PCBs 198 + 199	6340	3.23	432	0.90	1.107	1
PCB 196	3140	3.04	864	0.87	0.920	1
PCB 203	3880	3.04	864	0.89	0.924	1
PCB 195	2690	3.26	864	0.90	0.948	1
PCB 194	6770	3.23	432	0.89	0.992	1
PCB 205	342 J	2.34	864	0.87	1.000	1
PCB 208	205 J	3.46	864	0.80	1.000	1
PCB 207	143 J	3.12	864	0.83	1.019	1
PCB 206	1380	4.16	864	0.74	1.000	1
PCB 209	197 J	3.72	432	1.16	1.001	1
Total MonoCB	683	3.73	173			1
Total DiCB	4670	11.9	432			1
Total TriCB	18700	2.56	432			1
Total TetraCB	32000	1.73	432			1
Total PentaCB	32900	2.71	864			1
Total HexaCB	79300	2.91	864			1
Total HeptaCB	91500	3.40	864			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-2
Lab Code: K1013433-006

Service Request: K1013433
Date Collected: 12/ 1/10 1000
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.785g
Data File Name: U224755
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0306
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	25500	2.18	864			1
Total NonaCB	1730	3.12	864			1
Total PCBs	287000	1.73	864			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-04-2
Lab Code: K1013433-006

Service Request: K1013433
Date Collected: 12/ 1/10 1000
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.785g
Data File Name: U224755
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0306
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	5520.620	55		15-150	3.25	0.723
PCB 3L	10000	6058.134	61		15-150	3.54	0.849
PCB 4L	10000	4046.269	40		25-150	1.60	0.863
PCB 15L	10000	7183.842	72		25-150	1.59	1.192
PCB 19L	10000	4607.143	46		25-150	1.11	1.046
PCB 37L	10000	10200.433	102		25-150	1.04	1.083
PCB 54L	10000	4833.235	48		25-150	0.82	0.830
PCB 81L	10000	9655.731	97		25-150	0.77	1.339
PCB 77L	10000	9902.929	99		25-150	0.80	1.363
PCB 104L	10000	5109.686	51		25-150	1.60	0.822
PCB 123L	10000	8785.758	88		25-150	1.56	1.140
PCB 118L	10000	8973.993	90		25-150	1.55	1.150
PCB 114L	10000	9092.791	91		25-150	1.61	1.165
PCB 105L	10000	9257.543	93		25-150	1.59	1.186
PCB 126L	10000	11305.943	113		25-150	1.56	1.279
PCB 155L	10000	4281.276	43		25-150	1.31	0.797
PCB 167L	10000	6989.019	70		25-150	1.25	1.073
PCBs 156L + 157L	20000	15487.288	77		25-150	1.25	1.101
PCB 169L	10000	8377.782	84		25-150	1.27	1.179
PCB 188L	10000	4535.365	45		25-150	1.06	0.726
PCB 189L	10000	7319.237	73		25-150	1.05	0.961
PCB 202L	10000	4898.844	49		25-150	0.92	0.827
PCB 205L	10000	7195.644	72		25-150	0.90	1.009
PCB 208L	10000	5606.284	56		25-150	0.81	0.951
PCB 206L	10000	8618.950	86		25-150	0.80	1.042
PCB 209L	10000	6300.260	63		25-150	1.20	1.071
PCB 28L	10000	9093.371	91		30-135	1.05	0.931
PCB 111L	10000	6852.232	69		30-135	1.59	1.081
PCB 178L	10000	3478.185	35		30-135	1.04	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-05-1
Lab Code: K1013433-007

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.182g
Data File Name: U224756
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0415
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	1010		1.92	193	3.17	1.000	1
PCB 2	671		2.53	9.65	3.20	0.989	1
PCB 3	743		2.68	193	3.15	1.000	1
PCB 4	1250		286	482	1.71	1.001	1
PCB 10	ND	U	99.7	99.7			1
PCB 9	613		22.9	48.2	1.57	1.139	1
PCB 7	144		22.0	48.2	1.51	1.147	1
PCB 6	1240		21.3	48.2	1.64	1.160	1
PCB 5	118		25.4	48.2	1.47	1.179	1
PCB 8	3470		19.7	482	1.62	1.187	1
PCB 14	ND	U	21.3	96.5			1
PCB 11	1400	B	21.6	193	1.66	0.971	1
PCBs 12 + 13	1240		22.0	96.5	1.60	0.984	1
PCB 15	1840		11.9	482	1.62	1.001	1
PCB 19	329		4.15	96.5	1.04	1.001	1
PCBs 18 + 30	2890	B	2.76	482	1.05	1.098	1
PCB 17	1130	B	3.23	193	1.06	1.119	1
PCB 27	192	J	2.28	193	1.07	1.131	1
PCB 24	39.7	J	2.55	193	1.01	1.137	1
PCB 16	1280	B	3.77	96.5	1.04	1.144	1
PCB 32	873	B	2.15	193	1.03	1.171	1
PCB 34	21.7	J	10.1	193	1.17	1.238	1
PCB 23	ND	U	10.4	193			1
PCBs 26 + 29	1200		9.36	193	1.03	1.262	1
PCB 25	387		8.44	193	1.07	0.838	1
PCB 31	6580	B	9.19	482	1.06	0.849	1
PCBs 20 + 28	6900	B	9.87	482	1.06	0.860	1
PCBs 21 + 33	3530	B	9.41	193	1.08	0.868	1
PCB 22	3020	B	10.7	193	1.08	0.882	1
PCB 36	13.1	JK	9.13	193	1.50	0.936	1
PCB 39	44.8	J	9.42	193	1.05	0.951	1
PCB 38	ND	U	9.41	193			1
PCB 35	316		9.77	193	1.04	0.986	1
PCB 37	2350	B	8.87	482	1.08	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-05-1
Lab Code: K1013433-007

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.182g
Data File Name: U224756
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0415
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	9.94	J	3.50	482	0.68	1.001	1
PCBs 50 + 53	630		3.47	193	0.78	1.099	1
PCBs 45 + 51	782	B	3.61	193	0.78	1.129	1
PCB 46	252		3.95	193	0.80	1.145	1
PCB 52	5210	B	3.20	482	0.78	1.208	1
PCBs 43 + 73	172	J	3.25	482	0.88	1.219	1
PCBs 49 + 69	2590	B	2.83	482	0.78	1.231	1
PCB 48	1120	B	3.42	193	0.76	1.243	1
PCBs 44 + 47 + 65	4640	B	3.08	482	0.78	1.255	1
PCBs 59 + 62 + 75	393		2.55	193	0.87	1.269	1
PCB 42	1210	B	3.38	193	0.81	1.278	1
PCBs 41 + 71 + 40	2970	B	3.38	482	0.78	1.302	1
PCB 64	2230	B	2.42	193	0.79	1.312	1
PCB 72	32.9	JK	2.37	482	0.46	0.833	1
PCB 68	ND	U	2.43	482			1
PCB 57	10.4	JK	2.44	482	1.37	0.854	1
PCB 58	ND	U	2.49	482			1
PCB 67	146	JK	2.19	482	0.64	0.865	1
PCB 63	202	J	2.27	482	0.81	0.872	1
PCBs 70 + 61 + 74 + 76	9650	B	2.42	482	0.78	0.882	1
PCB 66	5380	B	2.30	482	0.78	0.892	1
PCB 55	ND	U	2.69	482			1
PCB 56	3620	B	18.1	193	0.80	0.911	1
PCB 60	2410		18.2	482	0.80	0.917	1
PCB 80	ND	U	15.5	482			1
PCB 79	92.1	JK	15.2	482	0.49	0.971	1
PCB 78	ND	U	17.0	482			1
PCB 81	48.9	JK	17.2	482	0.91	1.000	1
PCB 77	1220		18.3	482	0.81	1.000	1
PCB 104	ND	U	3.02	482			1
PCB 96	43.9	J	2.52	482	1.74	1.015	1
PCB 103	32.6	J	2.93	482	1.33	1.085	1
PCB 94	26.6	JK	3.64	482	1.83	1.094	1
PCB 95	4390	B	3.16	482	1.53	1.110	1
PCBs 93 + 100	38.1	JK	3.40	482	1.14	1.117	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-05-1
Lab Code: K1013433-007

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.182g
Data File Name: U224756
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0415
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	195	J	3.21	482	1.51	1.123	1
PCBs 88 + 91	567	B	3.32	482	1.55	1.142	1
PCB 84	1060	B	3.59	482	1.61	1.151	1
PCB 89	76.7	J	3.43	482	1.42	1.167	1
PCB 121	ND	U	4.66	482			1
PCB 92	1150	B	6.14	482	1.48	0.862	1
PCBs 90 + 101 + 113	8310	B	5.41	965	1.57	0.878	1
PCBs 83 + 99	2810	B	6.39	482	1.56	0.893	1
PCB 112	ND	U	4.29	965			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	4210	B	5.28	482	1.50	0.909	1
PCB 117	127	JK	5.12	193	1.18	0.924	1
PCBs 85 + 116	967		4.90	193	1.60	0.926	1
PCBs 110 + 115	7200	B	4.48	965	1.58	0.930	1
PCB 82	842		6.63	482	1.55	0.939	1
PCB 111	ND	U	4.71	965			1
PCB 120	48.6	J	4.23	482	1.49	0.961	1
PCBs 108 + 124	395	J	81.5	965	1.47	0.991	1
PCB 107	640	J	71.6	965	1.54	0.997	1
PCB 123	142	J	66.7	482	1.74	1.000	1
PCB 106	ND	U	68.0	482			1
PCB 118	6250	B	62.5	482	1.61	1.000	1
PCB 122	90.8	JK	78.6	482	1.96	1.010	1
PCB 114	196	JK	63.6	482	2.00	1.001	1
PCB 105	3720	B	68.0	193	1.57	1.000	1
PCB 127	ND	U	76.8	965			1
PCB 126	176	JK	65.4	482	1.81	1.000	1
PCB 155	ND	U	9.13	965			1
PCB 152	8.93	JK	7.39	965	1.46	1.008	1
PCB 150	41.8	J	8.00	965	1.34	1.012	1
PCB 136	1950	B	7.58	193	1.25	1.025	1
PCB 145	ND	U	8.20	965			1
PCB 148	13.7	J	9.96	965	1.16	1.078	1
PCBs 135 + 151	7050	B	10.4	482	1.27	1.096	1
PCB 154	154	J	8.68	482	1.28	1.104	1
PCB 144	1040		9.81	482	1.24	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-05-1
Lab Code: K1013433-007

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.182g
Data File Name: U224756
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0415
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	18200	B	20.9	482	1.26	1.125	1
PCB 134	925		25.6	482	1.22	1.131	1
PCB 143	ND	U	20.8	482			1
PCBs 139 + 140	137	J	20.8	482	1.24	1.143	1
PCB 131	126	J	22.7	482	1.25	1.149	1
PCB 142	ND	U	23.2	965			1
PCB 132	5930	B	24.3	482	1.25	1.164	1
PCB 133	273	J	22.4	482	1.16	1.178	1
PCB 165	ND	U	18.1	965			1
PCB 146	3110		18.5	482	1.24	0.890	1
PCB 161	ND	U	16.0	965			1
PCBs 153 + 168	23400	B	17.8	482	1.26	0.904	1
PCB 141	5360		20.8	193	1.26	0.909	1
PCB 130	935		23.9	482	1.25	0.918	1
PCB 137	282	J	21.7	965	1.21	0.923	1
PCB 164	1560		16.9	482	1.23	0.926	1
PCBs 129 + 138 + 163	23300	B	20.4	482	1.25	0.933	1
PCB 160	ND	U	17.6	482			1
PCB 158	2200		15.1	193	1.25	0.942	1
PCBs 128 + 166	2280		19.2	482	1.25	0.962	1
PCB 159	470	J	15.1	965	1.30	0.983	1
PCB 162	99.8	J	15.7	965	1.32	0.990	1
PCB 167	1030		12.6	482	1.29	1.000	1
PCBs 156 + 157	2080		18.3	482	1.31	1.000	1
PCB 169	51.9	JK	14.2	482	0.96	1.000	1
PCB 188	ND	U	3.43	482			1
PCB 179	3810		2.73	482	1.05	1.010	1
PCB 184	ND	U	2.87	965			1
PCB 176	1280		2.86	965	1.05	1.033	1
PCB 186	ND	U	3.10	965			1
PCB 178	2290		4.02	482	1.06	1.079	1
PCB 175	531	J	3.80	965	1.04	1.096	1
PCB 187	13900		3.64	482	1.04	1.103	1
PCB 182	62.2	JK	3.69	965	0.86	1.108	1
PCB 183	8820		58.6	965	1.02	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-05-1
Lab Code: K1013433-007

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.182g
Data File Name: U224756
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0415
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	1230	57.6	965	0.95	1.122	1
PCB 174	13600	58.3	482	1.01	1.125	1
PCB 177	8300	61.7	482	1.01	1.137	1
PCB 181	ND U	61.6	965			1
PCBs 171 + 173	4000	62.8	965	1.02	1.153	1
PCB 172	2610	63.9	965	1.01	0.902	1
PCB 192	ND U	53.4	965			1
PCBs 180 + 193	33600	52.3	482	1.02	0.915	1
PCB 191	699 J	47.9	965	1.03	0.922	1
PCB 170	14600	67.8	482	1.01	0.940	1
PCB 190	3000	44.6	482	1.01	0.950	1
PCB 189	490	42.4	482	0.99	1.000	1
PCB 202	1080	5.46	965	0.91	1.000	1
PCB 201	736 J	4.62	965	0.86	1.021	1
PCB 204	ND U	4.67	965			1
PCB 197	214 J	4.60	965	0.88	1.042	1
PCB 200	770 J	4.80	965	0.88	1.044	1
PCBs 198 + 199	7500	6.81	482	0.89	1.108	1
PCB 196	3620	6.42	965	0.89	0.920	1
PCB 203	4530	6.41	965	0.89	0.924	1
PCB 195	3090	6.87	965	0.89	0.948	1
PCB 194	7770	6.80	482	0.89	0.992	1
PCB 205	406 J	4.97	965	0.87	1.000	1
PCB 208	259 J	5.24	965	0.83	1.000	1
PCB 207	168 J	4.62	965	0.79	1.019	1
PCB 206	1660	3.36	965	0.77	1.001	1
PCB 209	211 J	3.70	482	1.19	1.001	1
Total MonoCB	2420	1.92	193			1
Total DiCB	11300	11.9	482			1
Total TriCB	31100	2.15	482			1
Total TetraCB	45000	2.19	482			1
Total PentaCB	43700	2.52	965			1
Total HexaCB	102000	7.39	965			1
Total HeptaCB	113000	2.73	965			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-05-1
Lab Code: K1013433-007

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.182g
Data File Name: U224756
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0415
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	29700	4.60	965			1
Total NonaCB	2090	3.36	965			1
Total PCBs	380000	1.92	965			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-N/S-05-1
Lab Code: K1013433-007

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.182g
Data File Name: U224756
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0415
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	5381.043	54		15-150	3.09	0.737
PCB 3L	10000	5741.665	57		15-150	3.18	0.864
PCB 4L	10000	3835.374	38		25-150	1.60	0.879
PCB 15L	10000	6910.151	69		25-150	1.59	1.213
PCB 19L	10000	4394.904	44		25-150	1.11	1.059
PCB 37L	10000	9818.458	98		25-150	1.06	1.083
PCB 54L	10000	4727.840	47		25-150	0.82	0.828
PCB 81L	10000	9291.365	93		25-150	0.80	1.340
PCB 77L	10000	9547.881	95		25-150	0.79	1.363
PCB 104L	10000	4945.669	49		25-150	1.60	0.822
PCB 123L	10000	8429.791	84		25-150	1.59	1.140
PCB 118L	10000	8675.410	87		25-150	1.62	1.150
PCB 114L	10000	8864.574	89		25-150	1.62	1.165
PCB 105L	10000	8826.689	88		25-150	1.56	1.186
PCB 126L	10000	10485.094	105		25-150	1.56	1.279
PCB 155L	10000	4448.063	44		25-150	1.32	0.798
PCB 167L	10000	7050.785	71		25-150	1.24	1.073
PCBs 156L + 157L	20000	14940.606	75		25-150	1.28	1.101
PCB 169L	10000	7973.264	80		25-150	1.25	1.180
PCB 188L	10000	4672.465	47		25-150	1.05	0.726
PCB 189L	10000	7149.383	71		25-150	1.05	0.961
PCB 202L	10000	5146.947	51		25-150	0.91	0.827
PCB 205L	10000	7203.951	72		25-150	0.90	1.009
PCB 208L	10000	5465.938	55		25-150	0.81	0.951
PCB 206L	10000	8633.340	86		25-150	0.79	1.041
PCB 209L	10000	6376.700	64		25-150	1.22	1.071
PCB 28L	10000	8776.678	88		30-135	1.05	0.930
PCB 111L	10000	6458.563	65		30-135	1.61	1.081
PCB 178L	10000	3344.201	33		30-135	1.05	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-1
Lab Code: K1013433-008

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.382g
Data File Name: U224757
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0523
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	765	3.82	186	3.16	1.000	1
PCB 2	577	4.60	9.29	3.14	0.990	1
PCB 3	1100	4.57	186	3.24	1.001	1
PCB 4	1210	410	465	1.54	1.001	1
PCB 10	ND U	128	128			1
PCB 9	499	30.1	46.5	1.45	1.153	1
PCB 7	178	28.9	46.5	1.50	1.159	1
PCB 6	1130	27.9	46.5	1.58	1.168	1
PCB 5	115	33.3	46.5	1.59	1.184	1
PCB 8	4070	25.8	465	1.62	1.193	1
PCB 14	ND U	27.9	92.9			1
PCB 11	2490 B	28.3	186	1.67	0.972	1
PCBs 12 + 13	1110	28.8	92.9	1.55	0.986	1
PCB 15	2810	10.8	465	1.61	1.001	1
PCB 19	339	5.37	92.9	1.02	1.000	1
PCBs 18 + 30	3320 B	3.82	465	1.05	1.094	1
PCB 17	1420 B	4.47	186	1.04	1.116	1
PCB 27	244	3.16	186	1.01	1.127	1
PCB 24	53.9 J	3.53	186	1.10	1.133	1
PCB 16	1520 B	5.22	92.9	1.04	1.140	1
PCB 32	1100 B	2.99	186	1.04	1.165	1
PCB 34	ND U	7.68	186			1
PCB 23	ND U	7.93	186			1
PCBs 26 + 29	1460	7.16	186	1.10	1.256	1
PCB 25	552	6.45	186	1.18	0.839	1
PCB 31	8780 B	7.03	465	1.09	0.850	1
PCBs 20 + 28	9810 B	7.55	465	1.08	0.859	1
PCBs 21 + 33	4800 B	7.19	186	1.11	0.869	1
PCB 22	4130 B	8.11	186	1.10	0.882	1
PCB 36	ND U	6.98	186			1
PCB 39	ND U	7.20	186			1
PCB 38	ND U	7.19	186			1
PCB 35	312 K	7.47	186	1.41	0.986	1
PCB 37	3690 B	6.97	465	1.11	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-1
Lab Code: K1013433-008

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.382g
Data File Name: U224757
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0523
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	10.7	J	3.14	465	0.77	1.001	1
PCBs 50 + 53	798		3.20	186	0.80	1.098	1
PCBs 45 + 51	1030	B	3.33	186	0.75	1.129	1
PCB 46	358		3.65	186	0.77	1.144	1
PCB 52	7140	B	2.96	465	0.79	1.208	1
PCBs 43 + 73	245	J	3.01	465	0.83	1.218	1
PCBs 49 + 69	3680	B	2.62	465	0.77	1.229	1
PCB 48	1570	B	3.16	186	0.76	1.242	1
PCBs 44 + 47 + 65	6620	B	2.84	465	0.77	1.253	1
PCBs 59 + 62 + 75	616		2.36	186	0.81	1.268	1
PCB 42	1780	B	3.12	186	0.80	1.277	1
PCBs 41 + 71 + 40	3790	B	3.12	465	0.78	1.300	1
PCB 64	3390	B	2.23	186	0.79	1.311	1
PCB 72	43.8	JK	2.19	465	0.56	0.833	1
PCB 68	ND	U	2.25	465			1
PCB 57	24.3	JK	2.26	465	0.56	0.854	1
PCB 58	ND	U	2.30	465			1
PCB 67	257	J	2.02	465	0.67	0.865	1
PCB 63	346	J	2.10	465	0.75	0.873	1
PCBs 70 + 61 + 74 + 76	15700	B	2.24	465	0.78	0.883	1
PCB 66	8810	B	2.13	465	0.78	0.892	1
PCB 55	ND	U	2.48	465			1
PCB 56	5780	B	25.4	186	0.79	0.912	1
PCB 60	3850		25.6	465	0.78	0.917	1
PCB 80	ND	U	21.7	465			1
PCB 79	130	J	21.2	465	0.67	0.972	1
PCB 78	ND	U	23.9	465			1
PCB 81	88.8	J	24.5	465	0.83	1.000	1
PCB 77	1840		25.7	465	0.82	1.000	1
PCB 104	ND	U	3.17	465			1
PCB 96	57.0	J	2.84	465	1.74	1.015	1
PCB 103	42.3	J	3.30	465	1.47	1.085	1
PCB 94	39.4	J	4.10	465	1.54	1.093	1
PCB 95	5260	B	3.55	465	1.54	1.109	1
PCBs 93 + 100	72.6	J	3.83	465	1.75	1.116	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-1
Lab Code: K1013433-008

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.382g
Data File Name: U224757
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0523
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	272	J	3.61	465	1.64	1.122	1
PCBs 88 + 91	784	B	3.74	465	1.59	1.141	1
PCB 84	1530	B	4.04	465	1.62	1.150	1
PCB 89	122	J	3.86	465	1.59	1.167	1
PCB 121	ND	U	5.35	465			1
PCB 92	1380	B	7.04	465	1.59	0.862	1
PCBs 90 + 101 + 113	10000	B	6.20	929	1.56	0.878	1
PCBs 83 + 99	3930	B	7.32	465	1.57	0.893	1
PCB 112	ND	U	4.92	929			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	5750	B	6.05	465	1.56	0.909	1
PCB 117	211		5.87	186	1.60	0.924	1
PCBs 85 + 116	1360		5.62	186	1.56	0.926	1
PCBs 110 + 115	9700	B	5.14	929	1.58	0.930	1
PCB 82	1240		7.60	465	1.53	0.939	1
PCB 111	ND	U	5.40	929			1
PCB 120	52.4	J	4.85	465	1.53	0.961	1
PCBs 108 + 124	531	J	61.5	929	1.61	0.991	1
PCB 107	933		54.0	929	1.55	0.997	1
PCB 123	208	J	51.5	465	1.78	1.000	1
PCB 106	ND	U	51.3	465			1
PCB 118	9240	B	48.6	465	1.55	1.001	1
PCB 122	191	J	59.3	465	1.76	1.010	1
PCB 114	374	J	48.1	465	1.41	1.000	1
PCB 105	5500	B	53.8	186	1.58	1.001	1
PCB 127	ND	U	57.9	929			1
PCB 126	208	J	48.7	465	1.65	1.000	1
PCB 155	ND	U	5.06	929			1
PCB 152	10.5	J	4.00	929	1.37	1.008	1
PCB 150	43.5	J	4.33	929	1.30	1.013	1
PCB 136	1950	B	4.10	186	1.26	1.025	1
PCB 145	ND	U	4.44	929			1
PCB 148	12.2	JK	5.39	929	1.65	1.078	1
PCBs 135 + 151	7130	B	5.61	465	1.26	1.097	1
PCB 154	153	J	4.69	465	1.26	1.104	1
PCB 144	1060		5.31	465	1.25	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-1
Lab Code: K1013433-008

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.382g
Data File Name: U224757
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0523
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	17800	B	14.0	465	1.25	1.125	1
PCB 134	917		17.0	465	1.25	1.131	1
PCB 143	ND	U	13.8	465			1
PCBs 139 + 140	144	J	13.9	465	1.39	1.143	1
PCB 131	136	J	15.1	465	1.16	1.149	1
PCB 142	ND	U	15.5	929			1
PCB 132	6350	B	16.2	465	1.25	1.164	1
PCB 133	278	J	14.9	465	1.21	1.178	1
PCB 165	ND	U	12.1	929			1
PCB 146	3200		12.4	465	1.25	0.890	1
PCB 161	ND	U	10.7	929			1
PCBs 153 + 168	24100	B	11.9	465	1.26	0.904	1
PCB 141	5730		13.9	186	1.26	0.909	1
PCB 130	1010		15.9	465	1.26	0.919	1
PCB 137	331	J	14.5	929	1.37	0.923	1
PCB 164	1740		11.3	465	1.22	0.926	1
PCBs 129 + 138 + 163	25100	B	13.6	465	1.26	0.933	1
PCB 160	ND	U	11.8	465			1
PCB 158	2390		10.0	186	1.26	0.942	1
PCBs 128 + 166	2640		12.8	465	1.24	0.962	1
PCB 159	502	J	8.29	929	1.30	0.983	1
PCB 162	113	J	8.61	929	1.29	0.990	1
PCB 167	1170		7.37	465	1.25	1.001	1
PCBs 156 + 157	2630		9.64	465	1.29	0.999	1
PCB 169	63.3	J	7.63	465	1.21	1.000	1
PCB 188	27.1	J	4.06	465	0.98	1.000	1
PCB 179	3930		3.12	465	1.05	1.010	1
PCB 184	ND	U	3.28	929			1
PCB 176	1290		3.27	929	1.03	1.033	1
PCB 186	ND	U	3.54	929			1
PCB 178	2460		4.60	465	1.05	1.080	1
PCB 175	580	J	4.35	929	0.99	1.096	1
PCB 187	15300		4.17	465	1.06	1.103	1
PCB 182	75.6	J	4.22	929	0.92	1.108	1
PCB 183	9350		24.4	929	1.02	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-1
Lab Code: K1013433-008

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.382g
Data File Name: U224757
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0523
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	1720	24.0	929	0.97	1.122	1
PCB 174	15200	24.3	465	1.02	1.126	1
PCB 177	9550	25.7	465	1.02	1.137	1
PCB 181	ND U	25.6	929			1
PCBs 171 + 173	4600	26.1	929	1.01	1.153	1
PCB 172	3110	26.6	929	1.01	0.903	1
PCB 192	ND U	22.2	929			1
PCBs 180 + 193	40700 E	21.8	465	1.02	0.915	1
PCB 191	825 J	19.9	929	1.01	0.922	1
PCB 170	18300	28.2	465	1.01	0.940	1
PCB 190	3790	18.6	465	1.00	0.950	1
PCB 189	604	17.0	465	1.02	1.000	1
PCB 202	1240	3.64	929	0.89	1.001	1
PCB 201	844 J	3.01	929	0.93	1.022	1
PCB 204	ND U	3.04	929			1
PCB 197	269 J	3.00	929	0.84	1.042	1
PCB 200	913 J	3.13	929	0.89	1.045	1
PCBs 198 + 199	9220	4.44	465	0.89	1.108	1
PCB 196	4520	4.18	929	0.89	0.920	1
PCB 203	5600	4.18	929	0.89	0.924	1
PCB 195	3820	4.47	929	0.89	0.948	1
PCB 194	10000	4.43	465	0.88	0.992	1
PCB 205	470 J	3.17	929	0.89	1.000	1
PCB 208	327 J	2.97	929	0.80	1.000	1
PCB 207	223 J	2.58	929	0.78	1.019	1
PCB 206	2070	3.23	929	0.77	1.000	1
PCB 209	706	2.47	465	1.19	1.001	1
Total MonoCB	2440	3.82	186			1
Total DiCB	13600	10.8	465			1
Total TriCB	41500	2.99	465			1
Total TetraCB	67900	2.02	465			1
Total PentaCB	59100	2.84	929			1
Total HexaCB	107000	4.00	929			1
Total HeptaCB	131000	3.12	929			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-1
Lab Code: K1013433-008

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.382g
Data File Name: U224757
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0523
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	36900	3.00	929			1
Total NonaCB	2620	2.58	929			1
Total PCBs	463000	2.02	929			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-1
Lab Code: K1013433-008

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.382g
Data File Name: U224757
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 0523
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	5941.187	59		15-150	3.11	0.728
PCB 3L	10000	6434.890	64		15-150	3.11	0.853
PCB 4L	10000	4278.109	43		25-150	1.60	0.868
PCB 15L	10000	7191.661	72		25-150	1.61	1.198
PCB 19L	10000	4962.125	50		25-150	1.07	1.050
PCB 37L	10000	10250.129	103		25-150	1.08	1.083
PCB 54L	10000	4921.435	49		25-150	0.81	0.829
PCB 81L	10000	9367.922	94		25-150	0.79	1.340
PCB 77L	10000	9712.453	97		25-150	0.79	1.364
PCB 104L	10000	5288.268	53		25-150	1.59	0.822
PCB 123L	10000	8548.461	85		25-150	1.57	1.141
PCB 118L	10000	8637.662	86		25-150	1.60	1.150
PCB 114L	10000	8855.484	89		25-150	1.62	1.166
PCB 105L	10000	8873.921	89		25-150	1.59	1.186
PCB 126L	10000	10922.206	109		25-150	1.59	1.280
PCB 155L	10000	4714.478	47		25-150	1.31	0.798
PCB 167L	10000	7426.382	74		25-150	1.27	1.073
PCBs 156L + 157L	20000	16841.100	84		25-150	1.26	1.102
PCB 169L	10000	9167.886	92		25-150	1.28	1.179
PCB 188L	10000	4523.576	45		25-150	1.05	0.726
PCB 189L	10000	7574.632	76		25-150	1.05	0.961
PCB 202L	10000	5014.913	50		25-150	0.92	0.827
PCB 205L	10000	7325.946	73		25-150	0.90	1.009
PCB 208L	10000	5572.648	56		25-150	0.78	0.951
PCB 206L	10000	9037.630	90		25-150	0.79	1.042
PCB 209L	10000	6691.586	67		25-150	1.20	1.071
PCB 28L	10000	9494.118	95		30-135	1.05	0.931
PCB 111L	10000	7079.340	71		30-135	1.58	1.082
PCB 178L	10000	3652.908	37		30-135	1.08	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-1
Lab Code: K1013433-008

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.382g
Data File Name: U224775
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1458
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 180 + 193	80800	232	4650	1.03	0.915	10
Total HeptaCB	80800	142	9290			10
Total PCBs	80800	142	9290			10

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	16900	9226.646	54		15-150	3.11	0.744
PCB 3L	15600	9152.260	59		15-150	3.16	0.871
PCB 4L	23300	8981.246	39		25-150	1.53	0.885
PCB 15L	13900	9586.079	69		25-150	1.57	1.226
PCB 19L	20000	8673.347	43		25-150	0.99	1.065
PCB 37L	14300	10354.261	72		25-150	1.08	1.084
PCB 54L	20400	10041.995	49		25-150	0.78	0.827
PCB 81L	10600	9716.580	91		25-150	0.79	1.341
PCB 77L	10300	9624.529	93		25-150	0.77	1.362
PCB 104L	18900	10119.181	54		25-150	1.54	0.822
PCB 123L	11800	8685.693	74		25-150	1.58	1.140
PCB 118L	11600	8861.410	76		25-150	1.58	1.150
PCB 114L	11200	8453.603	75		25-150	1.58	1.166
PCB 105L	11200	9060.718	81		25-150	1.54	1.186
PCB 126L	14300	10377.866	73		25-150	1.60	1.279
PCB 155L	21300	9129.802	43		25-150	1.24	0.798
PCB 167L	13500	7935.022	59		25-150	1.28	1.073
PCBs 156L + 157L	23800	16747.208	70		25-150	1.26	1.101
PCB 169L	10900	8419.620	77		25-150	1.25	1.180
PCB 188L	22200	8516.907	38		25-150	1.06	0.726
PCB 189L	13200	9077.145	69		25-150	1.04	0.961
PCB 202L	20000	8620.610	43		25-150	0.89	0.827
PCB 205L	13700	10228.792	75		25-150	0.88	1.009
PCB 208L	17900	9733.642	55		25-150	0.77	0.951
PCB 206L	11100	8536.950	77		25-150	0.77	1.042
PCB 209L	14900	7644.111	51		25-150	1.22	1.071
PCB 28L	10500	994.810	9	Y	30-135	0.96	0.930

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-1
Lab Code: K1013433-008

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.382g
Data File Name: U224775
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1458
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 111L	14100	956.070	7	Y	30-135	1.64	1.080
PCB 178L	27000	574.615	2	Y	30-135	1.10	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-07-1
Lab Code: K1013433-009

Service Request: K1013433
Date Collected: 12/ 1/10 1120
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.229g
Data File Name: U224761
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1540
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	51.8	J	4.08	191	3.18	1.000	1
PCB 2	18.3		5.40	9.56	3.04	0.990	1
PCB 3	81.6	J	6.57	191	3.38	1.001	1
PCB 4	ND	U	492	492			1
PCB 10	ND	U	231	231			1
PCB 9	ND	U	123	123			1
PCB 7	ND	U	121	121			1
PCB 6	138	K	121	121	1.14	1.169	1
PCB 5	ND	U	137	137			1
PCB 8	602		111	478	1.50	1.193	1
PCB 14	ND	U	119	119			1
PCB 11	494	B	125	191	1.73	0.972	1
PCBs 12 + 13	ND	U	122	122			1
PCB 15	830		62.2	478	1.61	1.001	1
PCB 19	69.8	J	17.9	95.6	1.07	1.001	1
PCBs 18 + 30	778	B	16.5	478	1.00	1.095	1
PCB 17	317	B	19.7	191	0.99	1.116	1
PCB 27	46.9	JK	13.5	191	0.83	1.127	1
PCB 24	ND	U	14.9	191			1
PCB 16	365	B	23.3	95.6	0.92	1.141	1
PCB 32	288	B	12.7	191	0.97	1.167	1
PCB 34	ND	U	10.2	191			1
PCB 23	ND	U	10.9	191			1
PCBs 26 + 29	307		9.64	191	1.00	1.257	1
PCB 25	147	J	8.58	191	1.01	0.838	1
PCB 31	2170	B	9.27	478	1.00	0.850	1
PCBs 20 + 28	2710	B	10.2	478	1.01	0.859	1
PCBs 21 + 33	1190	B	9.08	191	1.03	0.868	1
PCB 22	1180	B	10.8	191	1.02	0.882	1
PCB 36	ND	U	9.15	191			1
PCB 39	ND	U	9.29	191			1
PCB 38	ND	U	10.2	191			1
PCB 35	109	J	10.3	191	1.15	0.986	1
PCB 37	1490	B	11.0	478	1.03	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-07-1
Lab Code: K1013433-009

Service Request: K1013433
Date Collected: 12/ 1/10 1120
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.229g
Data File Name: U224761
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1540
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	ND	U	3.07	478			1
PCBs 50 + 53	258		3.32	191	0.71	1.098	1
PCBs 45 + 51	324	B	3.34	191	0.77	1.129	1
PCB 46	119	J	3.79	191	0.81	1.144	1
PCB 52	2490	B	3.12	478	0.77	1.207	1
PCBs 43 + 73	85.5	J	3.14	478	0.88	1.218	1
PCBs 49 + 69	1340	B	2.76	478	0.80	1.229	1
PCB 48	531	B	3.38	191	0.77	1.242	1
PCBs 44 + 47 + 65	2390	B	3.00	478	0.78	1.253	1
PCBs 59 + 62 + 75	218		2.50	191	0.75	1.268	1
PCB 42	666	B	3.41	191	0.74	1.277	1
PCBs 41 + 71 + 40	1610	B	3.32	478	0.78	1.300	1
PCB 64	1220	B	2.32	191	0.77	1.311	1
PCB 72	7.18	J	2.33	478	0.76	0.833	1
PCB 68	ND	U	2.44	478			1
PCB 57	6.20	JK	2.43	478	0.55	0.854	1
PCB 58	ND	U	2.52	478			1
PCB 67	75.1	J	2.15	478	0.65	0.865	1
PCB 63	129	J	2.24	478	0.85	0.873	1
PCBs 70 + 61 + 74 + 76	6380	B	2.39	478	0.77	0.883	1
PCB 66	3660	B	2.29	478	0.78	0.892	1
PCB 55	158	J	2.69	478	0.85	0.896	1
PCB 56	2240	B	12.2	191	0.78	0.911	1
PCB 60	1620		12.7	478	0.79	0.917	1
PCB 80	ND	U	10.6	478			1
PCB 79	62.3	J	11.0	478	0.75	0.971	1
PCB 78	ND	U	12.5	478			1
PCB 81	27.6	JK	13.1	478	0.57	1.000	1
PCB 77	838		12.7	478	0.78	1.000	1
PCB 104	ND	U	1.82	478			1
PCB 96	23.6	J	1.84	478	1.64	1.015	1
PCB 103	15.3	J	2.26	478	1.48	1.084	1
PCB 94	14.8	JK	2.82	478	1.29	1.093	1
PCB 95	2020	B	2.46	478	1.53	1.109	1
PCBs 93 + 100	25.6	JK	2.60	478	1.20	1.117	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-07-1
Lab Code: K1013433-009

Service Request: K1013433
Date Collected: 12/ 1/10 1120
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.229g
Data File Name: U224761
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1540
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	118	J	2.50	478	1.46	1.122	1
PCBs 88 + 91	371	BJ	2.57	478	1.52	1.141	1
PCB 84	690	B	2.81	478	1.53	1.150	1
PCB 89	56.8	J	2.69	478	1.54	1.167	1
PCB 121	ND	U	5.10	478			1
PCB 92	520	B	7.18	478	1.52	0.862	1
PCBs 90 + 101 + 113	3790	B	6.31	956	1.57	0.878	1
PCBs 83 + 99	1790	B	7.45	478	1.53	0.893	1
PCB 112	ND	U	5.06	956			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	2560	B	6.35	478	1.56	0.909	1
PCB 117	72.3	J	6.27	191	1.63	0.923	1
PCBs 85 + 116	657		5.82	191	1.55	0.926	1
PCBs 110 + 115	4320	B	5.42	956	1.54	0.930	1
PCB 82	496		8.36	478	1.66	0.939	1
PCB 111	ND	U	5.76	956			1
PCB 120	34.5	JK	5.34	478	0.83	0.961	1
PCBs 108 + 124	195	J	56.3	956	1.57	0.991	1
PCB 107	348	J	52.8	956	1.56	0.997	1
PCB 123	97.0	J	49.6	478	1.71	1.001	1
PCB 106	ND	U	55.5	478			1
PCB 118	3940	B	48.0	478	1.56	1.001	1
PCB 122	64.0	J	60.9	478	1.57	1.010	1
PCB 114	142	J	50.2	478	1.73	1.000	1
PCB 105	2510	B	50.9	191	1.56	1.001	1
PCB 127	ND	U	57.0	956			1
PCB 126	75.5	J	55.8	478	1.68	1.001	1
PCB 155	ND	U	1.54	956			1
PCB 152	ND	U	1.58	956			1
PCB 150	16.9	J	1.72	956	1.19	1.013	1
PCB 136	873	B	1.65	191	1.24	1.025	1
PCB 145	ND	U	1.81	956			1
PCB 148	5.77	J	2.28	956	1.29	1.078	1
PCBs 135 + 151	3260	B	2.41	478	1.20	1.097	1
PCB 154	67.9	JK	2.02	478	0.74	1.104	1
PCB 144	494		2.31	478	1.18	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-07-1
Lab Code: K1013433-009

Service Request: K1013433
Date Collected: 12/ 1/10 1120
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.229g
Data File Name: U224761
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1540
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	8650	B	9.66	478	1.24	1.125	1
PCB 134	428	J	12.4	478	1.27	1.131	1
PCB 143	ND	U	9.82	478			1
PCBs 139 + 140	72.5	J	9.90	478	1.19	1.143	1
PCB 131	77.3	J	11.2	478	1.27	1.149	1
PCB 142	ND	U	11.2	956			1
PCB 132	2990	B	12.1	478	1.23	1.164	1
PCB 133	127	J	11.4	478	1.30	1.178	1
PCB 165	ND	U	9.12	956			1
PCB 146	1750		9.42	478	1.25	0.890	1
PCB 161	ND	U	7.78	956			1
PCBs 153 + 168	12600	B	8.76	478	1.24	0.904	1
PCB 141	2800		10.2	191	1.25	0.909	1
PCB 130	555		12.2	478	1.25	0.919	1
PCB 137	225	J	11.1	956	1.29	0.923	1
PCB 164	793		8.19	478	1.22	0.926	1
PCBs 129 + 138 + 163	14300	B	10.2	478	1.25	0.933	1
PCB 160	ND	U	8.34	478			1
PCB 158	1150		7.33	191	1.23	0.942	1
PCBs 128 + 166	1410		9.49	478	1.26	0.962	1
PCB 159	347	J	16.2	956	1.19	0.983	1
PCB 162	51.8	J	17.3	956	1.35	0.990	1
PCB 167	425	J	11.9	478	1.25	1.001	1
PCBs 156 + 157	987		17.0	478	1.22	1.000	1
PCB 169	ND	U	16.5	478			1
PCB 188	10.5	J	2.16	478	0.90	1.000	1
PCB 179	1890		2.32	478	1.01	1.010	1
PCB 184	ND	U	2.35	956			1
PCB 176	615	J	2.39	956	1.00	1.033	1
PCB 186	ND	U	2.54	956			1
PCB 178	1000		3.30	478	0.98	1.080	1
PCB 175	221	J	3.14	956	1.00	1.096	1
PCB 187	7010		3.02	478	1.01	1.103	1
PCB 182	32.4	J	3.05	956	1.02	1.108	1
PCB 183	3110		24.4	956	1.03	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-07-1
Lab Code: K1013433-009

Service Request: K1013433
Date Collected: 12/ 1/10 1120
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.229g
Data File Name: U224761
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1540
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	586	J	31.9	956	1.00	1.122	1
PCB 174	5910		28.8	478	1.03	1.125	1
PCB 177	3650		29.5	478	1.03	1.137	1
PCB 181	ND	U	30.3	956			1
PCBs 171 + 173	1770		30.5	956	1.03	1.153	1
PCB 172	978		30.0	956	1.05	0.903	1
PCB 192	ND	U	25.2	956			1
PCBs 180 + 193	13700		24.5	478	1.04	0.915	1
PCB 191	297	J	22.9	956	1.06	0.922	1
PCB 170	5440		32.9	478	1.03	0.940	1
PCB 190	1210		23.4	478	1.03	0.950	1
PCB 189	186	J	24.8	478	1.02	1.000	1
PCB 202	408	J	2.64	956	0.88	1.000	1
PCB 201	335	J	2.85	956	0.83	1.021	1
PCB 204	ND	U	2.85	956			1
PCB 197	97.1	J	2.93	956	1.02	1.042	1
PCB 200	317	J	2.89	956	0.83	1.045	1
PCBs 198 + 199	3000		4.28	478	0.87	1.108	1
PCB 196	1450		4.21	956	0.88	0.920	1
PCB 203	1810		3.93	956	0.87	0.924	1
PCB 195	1150		4.40	956	0.89	0.948	1
PCB 194	2900		4.27	478	0.88	0.992	1
PCB 205	160	J	3.43	956	0.86	1.000	1
PCB 208	125	J	2.42	956	0.79	1.000	1
PCB 207	107	J	2.66	956	0.75	1.019	1
PCB 206	744	J	5.10	956	0.75	1.001	1
PCB 209	686		3.47	478	1.16	1.000	1
Total MonoCB	152	J	4.08	191			1
Total DiCB	2060		62.2	478			1
Total TriCB	11200		8.58	478			1
Total TetraCB	26500		2.15	478			1
Total PentaCB	24900		1.82	956			1
Total HexaCB	54400		1.54	956			1
Total HeptaCB	47600		2.16	956			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-07-1
Lab Code: K1013433-009

Service Request: K1013433
Date Collected: 12/ 1/10 1120
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.229g
Data File Name: U224761
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1540
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	11600	2.64	956			1
Total NonaCB	975	2.42	956			1
Total PCBs	18000	1.54	956			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-07-1
Lab Code: K1013433-009

Service Request: K1013433
Date Collected: 12/ 1/10 1120
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.229g
Data File Name: U224761
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1540
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	7291.370	73		15-150	3.06	0.728
PCB 3L	10000	7230.765	72		15-150	3.29	0.852
PCB 4L	10000	7930.432	79		25-150	1.51	0.867
PCB 15L	10000	7131.000	71		25-150	1.59	1.198
PCB 19L	10000	6368.616	64		25-150	1.03	1.050
PCB 37L	10000	7721.580	77		25-150	1.09	1.084
PCB 54L	10000	7528.661	75		25-150	0.77	0.829
PCB 81L	10000	8203.941	82		25-150	0.81	1.340
PCB 77L	10000	8920.565	89		25-150	0.80	1.364
PCB 104L	10000	7119.950	71		25-150	1.54	0.822
PCB 123L	10000	7433.248	74		25-150	1.59	1.140
PCB 118L	10000	7124.660	71		25-150	1.62	1.150
PCB 114L	10000	7165.117	72		25-150	1.60	1.166
PCB 105L	10000	7829.334	78		25-150	1.60	1.186
PCB 126L	10000	8239.163	82		25-150	1.61	1.279
PCB 155L	10000	5910.981	59		25-150	1.23	0.798
PCB 167L	10000	4964.130	50		25-150	1.27	1.073
PCBs 156L + 157L	20000	10354.722	52		25-150	1.34	1.101
PCB 169L	10000	4974.312	50		25-150	1.28	1.179
PCB 188L	10000	7277.046	73		25-150	1.04	0.726
PCB 189L	10000	6086.401	61		25-150	1.05	0.961
PCB 202L	10000	7335.366	73		25-150	0.89	0.827
PCB 205L	10000	7518.062	75		25-150	0.89	1.009
PCB 208L	10000	7622.132	76		25-150	0.77	0.951
PCB 206L	10000	5017.000	50		25-150	0.77	1.041
PCB 209L	10000	4547.858	45		25-150	1.18	1.071
PCB 28L	10000	7408.618	74		30-135	1.09	0.931
PCB 111L	10000	7506.086	75		30-135	1.57	1.081
PCB 178L	10000	6533.702	65		30-135	1.03	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-08-1
Lab Code: K1013433-010

Service Request: K1013433
Date Collected: 12/ 1/10 1210
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.042g
Data File Name: U224762
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1649
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	326		3.78	198	3.12	1.000	1
PCB 2	153		4.73	9.92	3.12	0.989	1
PCB 3	436		5.56	198	3.20	1.001	1
PCB 4	993		374	496	1.60	1.002	1
PCB 10	ND	U	186	186			1
PCB 9	365		39.5	49.6	1.36	1.144	1
PCB 7	161	K	38.8	49.6	1.21	1.151	1
PCB 6	1190		38.7	49.6	1.48	1.164	1
PCB 5	77.3	K	44.1	49.6	1.12	1.181	1
PCB 8	4500		35.7	496	1.57	1.190	1
PCB 14	ND	U	38.3	99.2			1
PCB 11	2300	B	40.0	198	1.52	0.972	1
PCBs 12 + 13	1030		39.3	99.2	1.63	0.986	1
PCB 15	5640		25.4	496	1.54	1.001	1
PCB 19	425		58.9	99.2	0.98	1.000	1
PCBs 18 + 30	5320	B	46.5	496	1.03	1.097	1
PCB 17	2290	B	55.5	198	1.00	1.118	1
PCB 27	408		38.0	198	0.93	1.130	1
PCB 24	86.6	JK	42.1	198	0.81	1.136	1
PCB 16	2680	B	65.7	99.2	0.98	1.142	1
PCB 32	1970	B	35.8	198	1.00	1.169	1
PCB 34	ND	U	218	218			1
PCB 23	ND	U	233	233			1
PCBs 26 + 29	2100		207	207	1.11	1.260	1
PCB 25	934		184	198	1.13	0.838	1
PCB 31	14100	B	199	496	1.06	0.849	1
PCBs 20 + 28	17400	B	218	496	1.05	0.859	1
PCBs 21 + 33	8580	B	195	198	1.11	0.868	1
PCB 22	7690	B	230	230	1.09	0.882	1
PCB 36	ND	U	197	198			1
PCB 39	ND	U	200	200			1
PCB 38	ND	U	219	219			1
PCB 35	495	K	221	221	1.26	0.986	1
PCB 37	8070	B	216	496	1.09	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-08-1
Lab Code: K1013433-010

Service Request: K1013433
Date Collected: 12/ 1/10 1210
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.042g
Data File Name: U224762
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1649
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	19.3	J	2.98	496	0.80	1.001	1
PCBs 50 + 53	1520		4.31	198	0.79	1.099	1
PCBs 45 + 51	2030	B	4.35	198	0.77	1.129	1
PCB 46	792		4.92	198	0.78	1.144	1
PCB 52	14800	B	4.06	496	0.77	1.208	1
PCBs 43 + 73	546		4.08	496	0.77	1.219	1
PCBs 49 + 69	8070	B	3.59	496	0.77	1.231	1
PCB 48	3540	B	4.39	198	0.78	1.243	1
PCBs 44 + 47 + 65	15400	B	3.90	496	0.78	1.255	1
PCBs 59 + 62 + 75	1490		3.25	198	0.78	1.269	1
PCB 42	4480	B	4.43	198	0.78	1.278	1
PCBs 41 + 71 + 40	10900	B	4.31	496	0.79	1.302	1
PCB 64	8320	B	3.02	198	0.78	1.311	1
PCB 72	64.4	JK	3.03	496	0.90	0.833	1
PCB 68	9.66	JK	3.17	496	1.75	0.841	1
PCB 57	52.8	J	3.15	496	0.85	0.853	1
PCB 58	ND	U	3.27	496			1
PCB 67	510		2.80	496	0.76	0.865	1
PCB 63	746		2.91	496	0.77	0.873	1
PCBs 70 + 61 + 74 + 76	36800	B	3.11	496	0.78	0.882	1
PCB 66	21100	B	2.98	496	0.77	0.892	1
PCB 55	477	JK	3.50	496	0.96	0.896	1
PCB 56	13200	B	82.7	198	0.77	0.911	1
PCB 60	8790		86.2	496	0.78	0.917	1
PCB 80	ND	U	72.0	496			1
PCB 79	407	J	74.5	496	0.79	0.972	1
PCB 78	ND	U	84.7	496			1
PCB 81	143	J	84.2	496	0.76	1.000	1
PCB 77	4040		84.2	496	0.78	1.001	1
PCB 104	ND	U	2.07	496			1
PCB 96	132	J	1.97	496	1.51	1.015	1
PCB 103	83.6	J	2.42	496	1.48	1.086	1
PCB 94	96.5	J	3.02	496	1.56	1.094	1
PCB 95	11900	B	2.63	496	1.52	1.110	1
PCBs 93 + 100	183	J	2.78	496	1.59	1.118	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-08-1
Lab Code: K1013433-010

Service Request: K1013433
Date Collected: 12/ 1/10 1210
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.042g
Data File Name: U224762
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1649
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	664	2.68	496	1.54	1.123	1
PCBs 88 + 91	2260 B	2.75	496	1.55	1.142	1
PCB 84	4600 B	3.01	496	1.53	1.151	1
PCB 89	332 J	2.88	496	1.48	1.168	1
PCB 121	ND U	35.3	496			1
PCB 92	3070 B	49.7	496	1.52	0.862	1
PCBs 90 + 101 + 113	22000 B	43.7	992	1.53	0.878	1
PCBs 83 + 99	11400 B	51.6	496	1.55	0.893	1
PCB 112	ND U	35.0	992			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	16400 B	44.0	496	1.54	0.909	1
PCB 117	512	43.4	198	1.63	0.923	1
PCBs 85 + 116	4400	40.3	198	1.54	0.926	1
PCBs 110 + 115	27900 B	37.5	992	1.55	0.930	1
PCB 82	3120	57.8	496	1.54	0.939	1
PCB 111	ND U	39.9	992			1
PCB 120	97.5 J	37.0	496	1.67	0.961	1
PCBs 108 + 124	1180	17.9	992	1.61	0.991	1
PCB 107	2110	16.8	992	1.53	0.997	1
PCB 123	467 JK	16.0	496	1.94	1.000	1
PCB 106	ND U	17.7	496			1
PCB 118	24400 B	14.6	496	1.56	1.000	1
PCB 122	407 JK	19.4	496	2.00	1.010	1
PCB 114	796	15.4	496	1.61	1.000	1
PCB 105	15700 B	16.2	198	1.58	1.001	1
PCB 127	72.0 J	18.1	992	1.50	1.039	1
PCB 126	316 J	17.7	496	1.60	1.000	1
PCB 155	ND U	11.3	992			1
PCB 152	23.4 J	11.2	992	1.41	1.008	1
PCB 150	75.9 J	12.3	992	1.19	1.013	1
PCB 136	4210 B	11.8	198	1.21	1.025	1
PCB 145	ND U	12.9	992			1
PCB 148	ND U	16.3	992			1
PCBs 135 + 151	14700 B	17.2	496	1.19	1.096	1
PCB 154	340 J	14.4	496	1.13	1.104	1
PCB 144	2190	16.4	496	1.22	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-08-1
Lab Code: K1013433-010

Service Request: K1013433
Date Collected: 12/ 1/10 1210
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.042g
Data File Name: U224762
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1649
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	37600	B	32.6	496	1.25	1.125	1
PCB 134	2230		41.7	496	1.27	1.132	1
PCB 143	ND	U	33.1	496			1
PCBs 139 + 140	431	J	33.4	496	1.23	1.143	1
PCB 131	408	J	37.7	496	1.28	1.149	1
PCB 142	ND	U	37.8	992			1
PCB 132	15100	B	40.5	496	1.24	1.164	1
PCB 133	572		38.4	496	1.26	1.178	1
PCB 165	31.9	J	30.8	992	1.33	0.885	1
PCB 146	7000		31.8	496	1.23	0.890	1
PCB 161	ND	U	26.2	992			1
PCBs 153 + 168	50300	BE	29.5	496	1.24	0.904	1
PCB 141	11600		34.4	198	1.25	0.909	1
PCB 130	2550		41.0	496	1.24	0.918	1
PCB 137	1320		37.2	992	1.25	0.923	1
PCB 164	3690		27.6	496	1.25	0.926	1
PCBs 129 + 138 + 163	58700	BE	34.4	496	1.25	0.933	1
PCB 160	ND	U	28.1	496			1
PCB 158	5180		24.7	198	1.25	0.942	1
PCBs 128 + 166	6830		32.0	496	1.25	0.962	1
PCB 159	1250		39.2	992	1.24	0.983	1
PCB 162	198	J	41.7	992	1.18	0.990	1
PCB 167	1760		29.2	496	1.21	1.000	1
PCBs 156 + 157	4740		41.6	496	1.26	1.000	1
PCB 169	ND	U	36.2	496			1
PCB 188	40.4	J	2.65	496	1.07	1.000	1
PCB 179	7450		2.70	496	1.01	1.010	1
PCB 184	ND	U	2.73	992			1
PCB 176	2360		2.78	992	1.01	1.033	1
PCB 186	ND	U	2.95	992			1
PCB 178	3840		3.84	496	1.02	1.080	1
PCB 175	857	J	3.66	992	1.01	1.096	1
PCB 187	24500		3.52	496	1.01	1.103	1
PCB 182	129	J	3.55	992	1.04	1.108	1
PCB 183	11000		42.9	992	1.06	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-08-1
Lab Code: K1013433-010

Service Request: K1013433
Date Collected: 12/ 1/10 1210
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.042g
Data File Name: U224762
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1649
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	2140	56.2	992	1.06	1.122	1
PCB 174	21000	50.8	496	1.05	1.126	1
PCB 177	12200	52.0	496	1.04	1.137	1
PCB 181	ND U	53.4	992			1
PCBs 171 + 173	6130	53.7	992	1.03	1.153	1
PCB 172	3600	52.9	992	1.05	0.902	1
PCB 192	ND U	44.4	992			1
PCBs 180 + 193	47500 E	43.2	496	1.04	0.915	1
PCB 191	957 J	40.4	992	1.03	0.922	1
PCB 170	21100	58.0	496	1.04	0.940	1
PCB 190	4400	41.3	496	1.06	0.950	1
PCB 189	692	40.0	496	1.10	1.000	1
PCB 202	1690	4.26	992	0.88	1.001	1
PCB 201	1290	4.16	992	0.88	1.022	1
PCB 204	ND U	4.16	992			1
PCB 197	380 J	4.27	992	0.92	1.042	1
PCB 200	1260	4.21	992	0.90	1.045	1
PCBs 198 + 199	11900	6.24	496	0.88	1.108	1
PCB 196	5810	6.14	992	0.89	0.920	1
PCB 203	7150	5.73	992	0.88	0.924	1
PCB 195	4570	6.41	992	0.88	0.948	1
PCB 194	11300	6.22	496	0.89	0.992	1
PCB 205	510 J	4.44	992	0.90	1.000	1
PCB 208	519 J	3.61	992	0.80	1.001	1
PCB 207	390 J	3.89	992	0.80	1.019	1
PCB 206	2920	6.78	992	0.77	1.000	1
PCB 209	1010	4.10	496	1.15	1.000	1
Total MonoCB	916	3.78	198			1
Total DiCB	16300	25.4	496			1
Total TriCB	72500	35.8	496			1
Total TetraCB	158000	2.80	496			1
Total PentaCB	155000	1.97	992			1
Total HexaCB	233000	11.2	992			1
Total HeptaCB	170000	2.65	992			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-08-1
Lab Code: K1013433-010

Service Request: K1013433
Date Collected: 12/ 1/10 1210
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.042g
Data File Name: U224762
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1649
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	45900	4.16	992			1
Total NonaCB	3830	3.61	992			1
Total PCBs	856000	1.97	992			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-08-1
Lab Code: K1013433-010

Service Request: K1013433
Date Collected: 12/ 1/10 1210
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.042g
Data File Name: U224762
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1649
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	6366.756	64		15-150	3.14	0.735
PCB 3L	10000	6240.233	62		15-150	3.27	0.861
PCB 4L	10000	6848.942	68		25-150	1.52	0.875
PCB 15L	10000	6983.870	70		25-150	1.64	1.210
PCB 19L	10000	5955.746	60		25-150	1.09	1.058
PCB 37L	10000	7551.643	76		25-150	1.12	1.084
PCB 54L	10000	6649.512	66		25-150	0.78	0.828
PCB 81L	10000	8272.811	83		25-150	0.81	1.341
PCB 77L	10000	8656.887	87		25-150	0.82	1.363
PCB 104L	10000	6269.333	63		25-150	1.53	0.822
PCB 123L	10000	6699.379	67		25-150	1.60	1.141
PCB 118L	10000	6933.407	69		25-150	1.62	1.150
PCB 114L	10000	6887.147	69		25-150	1.67	1.166
PCB 105L	10000	7100.973	71		25-150	1.61	1.186
PCB 126L	10000	7779.152	78		25-150	1.54	1.280
PCB 155L	10000	5759.801	58		25-150	1.23	0.798
PCB 167L	10000	4989.370	50		25-150	1.28	1.073
PCBs 156L + 157L	20000	10619.470	53		25-150	1.30	1.102
PCB 169L	10000	5425.429	54		25-150	1.31	1.180
PCB 188L	10000	5966.230	60		25-150	1.03	0.725
PCB 189L	10000	5606.960	56		25-150	1.07	0.961
PCB 202L	10000	5599.084	56		25-150	0.89	0.826
PCB 205L	10000	7095.952	71		25-150	0.88	1.009
PCB 208L	10000	7179.998	72		25-150	0.77	0.951
PCB 206L	10000	4876.272	49		25-150	0.79	1.041
PCB 209L	10000	4477.881	45		25-150	1.17	1.071
PCB 28L	10000	6627.859	66		30-135	1.08	0.930
PCB 111L	10000	6573.420	66		30-135	1.56	1.081
PCB 178L	10000	6154.923	62		30-135	1.02	1.011

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-08-1
Lab Code: K1013433-010

Service Request: K1013433
Date Collected: 12/ 1/10 1210
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.042g
Data File Name: U224773
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1235
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 153 + 168	71800	B	259	4960	1.27	0.904	10
PCBs 129 + 138 + 163	82600	B	326	4960	1.25	0.933	10
PCBs 180 + 193	90500		245	4960	1.00	0.915	10
Total HexaCB	154000		140	9920			10
Total HeptaCB	90500		142	9920			10
Total PCBs	245000		140	9920			10

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-08-1
Lab Code: K1013433-010

Service Request: K1013433
Date Collected: 12/ 1/10 1210
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.042g
Data File Name: U224773
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1235
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	15600	9033.134	58		15-150	3.12	0.745
PCB 3L	16100	9015.718	56		15-150	3.23	0.871
PCB 4L	14700	8629.530	59		25-150	1.53	0.886
PCB 15L	14300	9352.673	65		25-150	1.58	1.228
PCB 19L	16700	8514.371	51		25-150	1.05	1.066
PCB 37L	13200	10045.756	76		25-150	1.02	1.084
PCB 54L	15200	9685.241	64		25-150	0.78	0.826
PCB 81L	12000	9479.672	79		25-150	0.81	1.341
PCB 77L	11500	9546.290	83		25-150	0.74	1.362
PCB 104L	15900	10102.683	64		25-150	1.55	0.821
PCB 123L	14900	8393.444	56		25-150	1.60	1.140
PCB 118L	14500	8494.446	59		25-150	1.61	1.150
PCB 114L	14500	8082.341	56		25-150	1.59	1.166
PCB 105L	14100	8306.324	59		25-150	1.64	1.186
PCB 126L	12800	8566.910	67		25-150	1.60	1.279
PCB 155L	17200	11736.545	68		25-150	1.23	0.798
PCB 167L	20000	7724.088	39		25-150	1.29	1.073
PCBs 156L + 157L	37700	17298.260	46		25-150	1.31	1.101
PCB 169L	18500	9295.880	50		25-150	1.22	1.180
PCB 188L	16700	8928.861	54		25-150	1.04	0.726
PCB 189L	17900	8475.724	47		25-150	1.05	0.961
PCB 202L	17900	7551.032	42		25-150	0.89	0.827
PCB 205L	14100	10105.055	72		25-150	0.91	1.009
PCB 208L	13900	9633.132	69		25-150	0.77	0.951
PCB 206L	20400	8710.153	43		25-150	0.80	1.042
PCB 209L	22200	7685.093	35		25-150	1.19	1.071
PCB 28L	15200	814.227	5	Y	30-135	1.14	0.930
PCB 111L	15200	806.463	5	Y	30-135	1.62	1.080
PCB 178L	16100	519.687	3	Y	30-135	1.03	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-09-1
Lab Code: K1013433-011

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.021g
Data File Name: U224763
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1757
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	336		11.8	199	3.26	1.001	1
PCB 2	77.1		13.1	13.1	2.80	0.989	1
PCB 3	435		13.9	199	3.04	1.001	1
PCB 4	ND	U	524	524			1
PCB 10	ND	U	202	202			1
PCB 9	454		57.4	57.4	1.41	1.153	1
PCB 7	156		56.3	56.3	1.34	1.159	1
PCB 6	1580		56.3	56.3	1.52	1.168	1
PCB 5	137		64.1	64.1	1.34	1.184	1
PCB 8	4580		51.9	498	1.53	1.190	1
PCB 14	ND	U	55.6	99.6			1
PCB 11	2750	B	58.1	199	1.54	0.972	1
PCBs 12 + 13	1240		57.0	99.6	1.52	0.986	1
PCB 15	5320		16.3	498	1.55	1.001	1
PCB 19	558		59.3	99.6	1.05	1.001	1
PCBs 18 + 30	6600	B	48.9	498	1.03	1.094	1
PCB 17	2500	B	58.4	199	1.02	1.115	1
PCB 27	446		40.0	199	0.99	1.126	1
PCB 24	90.7	J	44.3	199	0.99	1.133	1
PCB 16	2990	B	69.1	99.6	1.02	1.140	1
PCB 32	2340	B	37.7	199	1.02	1.165	1
PCB 34	73.6	J	35.2	199	1.17	1.231	1
PCB 23	ND	U	37.7	199			1
PCBs 26 + 29	3650		33.5	199	0.99	1.255	1
PCB 25	1010		29.8	199	0.99	0.839	1
PCB 31	16300	B	32.2	498	1.02	0.850	1
PCBs 20 + 28	19200	B	35.3	498	1.03	0.860	1
PCBs 21 + 33	7980	B	31.6	199	1.00	0.869	1
PCB 22	8150	B	37.2	199	1.00	0.882	1
PCB 36	ND	U	31.8	199			1
PCB 39	ND	U	32.3	199			1
PCB 38	ND	U	35.5	199			1
PCB 35	812		35.7	199	0.92	0.986	1
PCB 37	8510	B	35.8	498	0.99	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-09-1
Lab Code: K1013433-011

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.021g
Data File Name: U224763
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1757
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	23.5	J	2.03	498	0.81	1.001	1
PCBs 50 + 53	1810		5.85	199	0.77	1.098	1
PCBs 45 + 51	2410	B	5.90	199	0.77	1.128	1
PCB 46	911		6.68	199	0.80	1.143	1
PCB 52	18500	B	5.51	498	0.78	1.206	1
PCBs 43 + 73	585		5.54	498	0.73	1.218	1
PCBs 49 + 69	9040	B	4.87	498	0.75	1.229	1
PCB 48	3630	B	5.96	199	0.74	1.241	1
PCBs 44 + 47 + 65	17800	B	5.29	498	0.77	1.253	1
PCBs 59 + 62 + 75	1600		4.41	199	0.76	1.267	1
PCB 42	4900	B	6.02	199	0.77	1.276	1
PCBs 41 + 71 + 40	12000	B	5.86	498	0.77	1.300	1
PCB 64	9190	B	4.10	199	0.77	1.309	1
PCB 72	146	J	4.11	498	0.66	0.833	1
PCB 68	31.2	JK	4.31	498	0.48	0.841	1
PCB 57	55.9	J	4.28	498	0.80	0.853	1
PCB 58	ND	U	4.44	498			1
PCB 67	542		3.80	498	0.70	0.865	1
PCB 63	928		3.95	498	0.76	0.873	1
PCBs 70 + 61 + 74 + 76	45100	BE	4.22	498	0.77	0.882	1
PCB 66	25300	B	4.04	498	0.78	0.892	1
PCB 55	576		4.75	498	0.79	0.895	1
PCB 56	16000	B	58.4	199	0.78	0.911	1
PCB 60	10900		60.9	498	0.79	0.917	1
PCB 80	ND	U	50.8	498			1
PCB 79	447	J	52.6	498	0.75	0.972	1
PCB 78	ND	U	59.8	498			1
PCB 81	159	JK	56.1	498	1.00	1.001	1
PCB 77	5080		64.9	498	0.78	1.000	1
PCB 104	ND	U	2.80	498			1
PCB 96	146	J	2.50	498	1.49	1.016	1
PCB 103	80.2	J	3.07	498	1.50	1.085	1
PCB 94	101	J	3.83	498	1.53	1.094	1
PCB 95	10700	B	3.34	498	1.52	1.110	1
PCBs 93 + 100	196	J	3.53	498	1.77	1.118	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-09-1
Lab Code: K1013433-011

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.021g
Data File Name: U224763
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1757
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	698		3.40	498	1.55	1.123	1
PCBs 88 + 91	2320	B	3.49	498	1.53	1.142	1
PCB 84	4650	B	3.81	498	1.53	1.151	1
PCB 89	386	J	3.65	498	1.46	1.167	1
PCB 121	ND	U	20.9	498			1
PCB 92	2910	B	29.5	498	1.55	0.862	1
PCBs 90 + 101 + 113	20200	B	25.9	996	1.56	0.878	1
PCBs 83 + 99	12000	B	30.6	498	1.57	0.893	1
PCB 112	ND	U	20.8	996			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	16900	B	26.1	498	1.56	0.909	1
PCB 117	544		25.8	199	1.72	0.923	1
PCBs 85 + 116	4700		23.9	199	1.56	0.926	1
PCBs 110 + 115	28400	B	22.3	996	1.54	0.930	1
PCB 82	3040		34.3	498	1.56	0.939	1
PCB 111	ND	U	23.7	996			1
PCB 120	86.4	J	22.0	498	1.59	0.961	1
PCBs 108 + 124	1310		13.7	996	1.62	0.991	1
PCB 107	2470		12.8	996	1.56	0.997	1
PCB 123	643		11.9	498	1.69	1.000	1
PCB 106	ND	U	13.5	498			1
PCB 118	26600	B	11.1	498	1.59	1.000	1
PCB 122	646		14.8	498	1.70	1.010	1
PCB 114	1010		11.4	498	1.55	1.001	1
PCB 105	17200	B	12.0	199	1.55	1.000	1
PCB 127	59.1	J	13.8	996	1.51	1.039	1
PCB 126	325	J	12.1	498	1.64	1.001	1
PCB 155	ND	U	5.16	996			1
PCB 152	18.9	J	4.64	996	1.20	1.008	1
PCB 150	54.1	J	5.07	996	1.20	1.012	1
PCB 136	3100	B	4.86	199	1.21	1.025	1
PCB 145	ND	U	5.31	996			1
PCB 148	22.0	J	6.72	996	1.26	1.078	1
PCBs 135 + 151	10800	B	7.09	498	1.21	1.097	1
PCB 154	262	J	5.94	498	1.24	1.105	1
PCB 144	1640		6.78	498	1.20	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-09-1
Lab Code: K1013433-011

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.021g
Data File Name: U224763
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1757
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	27700	B	43.2	498	1.24	1.125	1
PCB 134	1780		55.4	498	1.24	1.132	1
PCB 143	ND	U	43.9	498			1
PCBs 139 + 140	374	J	44.3	498	1.20	1.143	1
PCB 131	335	J	50.0	498	1.31	1.150	1
PCB 142	ND	U	50.1	996			1
PCB 132	12100	B	53.7	498	1.26	1.164	1
PCB 133	448	J	51.0	498	1.19	1.178	1
PCB 165	ND	U	40.8	996			1
PCB 146	5490		42.2	498	1.26	0.890	1
PCB 161	ND	U	34.8	996			1
PCBs 153 + 168	38500	B	39.2	498	1.25	0.904	1
PCB 141	9140		45.6	199	1.25	0.909	1
PCB 130	2200		54.4	498	1.24	0.919	1
PCB 137	1190		49.3	996	1.23	0.923	1
PCB 164	3040		36.7	498	1.25	0.926	1
PCBs 129 + 138 + 163	43300	BE	45.6	498	1.25	0.933	1
PCB 160	ND	U	37.3	498			1
PCB 158	4410		32.8	199	1.23	0.942	1
PCBs 128 + 166	6100		42.5	498	1.23	0.961	1
PCB 159	952	J	61.4	996	1.22	0.983	1
PCB 162	187	J	65.4	996	1.33	0.989	1
PCB 167	1560		44.7	498	1.22	1.001	1
PCBs 156 + 157	4300		63.9	498	1.23	1.000	1
PCB 169	ND	U	52.0	498			1
PCB 188	30.1	J	2.34	498	1.15	1.000	1
PCB 179	5520		2.29	498	1.02	1.010	1
PCB 184	ND	U	2.32	996			1
PCB 176	1780		2.36	996	1.02	1.033	1
PCB 186	ND	U	2.51	996			1
PCB 178	2970		3.27	498	1.02	1.080	1
PCB 175	694	J	3.11	996	1.03	1.096	1
PCB 187	19200		3.00	498	1.02	1.103	1
PCB 182	103	J	3.02	996	1.08	1.108	1
PCB 183	8660		33.4	996	1.06	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-09-1
Lab Code: K1013433-011

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.021g
Data File Name: U224763
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1757
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	1790		43.7	996	1.00	1.122	1
PCB 174	16600		39.6	498	1.06	1.126	1
PCB 177	9100		40.5	498	1.05	1.138	1
PCB 181	ND	U	41.6	996			1
PCBs 171 + 173	4920		41.8	996	1.05	1.153	1
PCB 172	3040		41.2	996	1.05	0.902	1
PCB 192	ND	U	34.6	996			1
PCBs 180 + 193	39100		33.6	498	1.04	0.915	1
PCB 191	819	J	31.5	996	1.06	0.922	1
PCB 170	17600		45.1	498	1.05	0.940	1
PCB 190	3770		32.1	498	1.03	0.950	1
PCB 189	595		29.3	498	1.04	1.000	1
PCB 202	1350		4.58	996	0.89	1.000	1
PCB 201	1010		4.36	996	0.88	1.021	1
PCB 204	ND	U	4.36	996			1
PCB 197	282	J	4.48	996	0.86	1.042	1
PCB 200	1050		4.42	996	0.87	1.044	1
PCBs 198 + 199	9700		6.55	498	0.89	1.108	1
PCB 196	4750		6.44	996	0.89	0.920	1
PCB 203	5880		6.01	996	0.87	0.924	1
PCB 195	3710		6.73	996	0.89	0.948	1
PCB 194	9420		6.53	498	0.89	0.992	1
PCB 205	422	J	4.54	996	0.87	1.000	1
PCB 208	425	J	3.96	996	0.74	1.000	1
PCB 207	308	J	4.18	996	0.79	1.019	1
PCB 206	2420		3.89	996	0.78	1.000	1
PCB 209	901		2.88	498	1.19	1.000	1
Total MonoCB	848		11.8	199			1
Total DiCB	16200		16.3	498			1
Total TriCB	81200		29.8	498			1
Total TetraCB	188000		2.03	498			1
Total PentaCB	158000		2.50	996			1
Total HexaCB	179000		4.64	996			1
Total HeptaCB	136000		2.29	996			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-09-1
Lab Code: K1013433-011

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.021g
Data File Name: U224763
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1757
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	37600	4.36	996			1
Total NonaCB	3150	3.89	996			1
Total PCBs	801000	2.03	996			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-09-1
Lab Code: K1013433-011

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.021g
Data File Name: U224763
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1757
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	7371.897	74		15-150	2.95	0.726
PCB 3L	10000	7696.394	77		15-150	3.00	0.854
PCB 4L	10000	7635.110	76		25-150	1.52	0.868
PCB 15L	10000	7861.536	79		25-150	1.65	1.196
PCB 19L	10000	6908.082	69		25-150	1.01	1.049
PCB 37L	10000	8448.435	84		25-150	1.07	1.083
PCB 54L	10000	7228.206	72		25-150	0.78	0.829
PCB 81L	10000	9338.910	93		25-150	0.82	1.340
PCB 77L	10000	9951.985	100		25-150	0.82	1.365
PCB 104L	10000	6741.487	67		25-150	1.54	0.822
PCB 123L	10000	7750.609	78		25-150	1.61	1.141
PCB 118L	10000	7911.772	79		25-150	1.61	1.150
PCB 114L	10000	7947.534	79		25-150	1.70	1.166
PCB 105L	10000	8226.096	82		25-150	1.63	1.187
PCB 126L	10000	9323.854	93		25-150	1.60	1.280
PCB 155L	10000	6773.441	68		25-150	1.23	0.797
PCB 167L	10000	6522.274	65		25-150	1.33	1.073
PCBs 156L + 157L	20000	13745.710	69		25-150	1.29	1.101
PCB 169L	10000	7194.144	72		25-150	1.31	1.180
PCB 188L	10000	6274.526	63		25-150	1.04	0.725
PCB 189L	10000	6364.199	64		25-150	1.02	0.961
PCB 202L	10000	6043.788	60		25-150	0.90	0.827
PCB 205L	10000	7849.342	78		25-150	0.91	1.009
PCB 208L	10000	7842.348	78		25-150	0.77	0.951
PCB 206L	10000	5526.260	55		25-150	0.77	1.041
PCB 209L	10000	5028.936	50		25-150	1.21	1.071
PCB 28L	10000	7477.222	75		30-135	1.12	0.931
PCB 111L	10000	7641.309	76		30-135	1.55	1.082
PCB 178L	10000	7747.179	77		30-135	1.01	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-09-1
Lab Code: K1013433-011

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.021g
Data File Name: U224774
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1338
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 70 + 61 + 74 + 76	45100	B	84.0	4980	0.77	0.882	10
PCBs 129 + 138 + 163	60700	B	161	4980	1.23	0.932	10
Total TetraCB	45100		73.9	4980			10
Total HexaCB	60700		111	9960			10
Total PCBs	106000		73.9	9960			10

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	13500	9352.330	69		15-150	3.16	0.745
PCB 3L	13000	8915.177	69		15-150	3.23	0.871
PCB 4L	13200	8883.660	68		25-150	1.54	0.886
PCB 15L	12700	9038.881	71		25-150	1.56	1.228
PCB 19L	14500	8668.447	60		25-150	1.00	1.066
PCB 37L	11900	9885.020	83		25-150	1.02	1.084
PCB 54L	13900	10384.218	75		25-150	0.78	0.826
PCB 81L	10800	8251.941	77		25-150	0.81	1.341
PCB 77L	10000	7915.167	79		25-150	0.77	1.362
PCB 104L	14900	10945.088	73		25-150	1.55	0.821
PCB 123L	12800	8710.504	68		25-150	1.52	1.140
PCB 118L	12700	8683.691	69		25-150	1.56	1.150
PCB 114L	12700	8250.651	65		25-150	1.54	1.166
PCB 105L	12200	9171.830	75		25-150	1.61	1.186
PCB 126L	10800	10322.050	96		25-150	1.61	1.279
PCB 155L	14700	8867.329	60		25-150	1.28	0.798
PCB 167L	15400	6872.390	45		25-150	1.32	1.073
PCBs 156L + 157L	29000	14981.291	52		25-150	1.23	1.102
PCB 169L	13900	7723.368	56		25-150	1.30	1.180
PCB 188L	15900	7780.212	49		25-150	1.06	0.725
PCB 189L	15600	8335.926	53		25-150	1.06	0.961
PCB 202L	16700	7755.233	47		25-150	0.90	0.826
PCB 205L	12800	10049.923	78		25-150	0.87	1.009
PCB 208L	12800	9308.285	73		25-150	0.81	0.951
PCB 206L	18200	8441.313	46		25-150	0.78	1.041

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-09-1
Lab Code: K1013433-011

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.021g
Data File Name: U224774
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1338
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 209L	20000	7681.820	38		25-150	1.21	1.071
PCB 28L	13300	837.192	6	Y	30-135	1.01	0.930
PCB 111L	13200	636.828	5	Y	30-135	1.50	1.080
PCB 178L	13000	465.027	4	Y	30-135	1.09	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-10-1
Lab Code: K1013433-012

Service Request: K1013433
Date Collected: 12/ 1/10 1320
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.396g
Data File Name: U224764
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1905
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	59.4	J	12.0	185	2.98	1.000	1
PCB 2	17.0		10.9	10.9	3.05	0.988	1
PCB 3	76.2	J	9.44	185	3.34	1.001	1
PCB 4	ND	U	133	463			1
PCB 10	ND	U	50.9	50.9			1
PCB 9	ND	U	168	168			1
PCB 7	ND	U	165	165			1
PCB 6	254	K	164	164	1.32	1.174	1
PCB 5	ND	U	187	187			1
PCB 8	959		152	463	1.66	1.194	1
PCB 14	ND	U	163	163			1
PCB 11	1010	B	170	185	1.54	0.974	1
PCBs 12 + 13	224		167	167	1.45	0.986	1
PCB 15	1740		48.4	463	1.53	1.002	1
PCB 19	120		46.6	92.7	1.08	1.001	1
PCBs 18 + 30	1380	B	39.7	463	1.02	1.091	1
PCB 17	583	B	47.4	185	0.99	1.111	1
PCB 27	106	J	32.5	185	0.91	1.123	1
PCB 24	ND	U	36.0	185			1
PCB 16	581	B	56.1	92.7	1.02	1.135	1
PCB 32	565	B	30.6	185	0.99	1.162	1
PCB 34	ND	U	77.8	185			1
PCB 23	ND	U	83.3	185			1
PCBs 26 + 29	635		74.0	185	0.99	1.249	1
PCB 25	270		65.8	185	0.97	0.839	1
PCB 31	4960	B	71.1	463	1.01	0.851	1
PCBs 20 + 28	5860	B	78.1	463	0.99	0.860	1
PCBs 21 + 33	2080	B	69.7	185	0.94	0.869	1
PCB 22	2360	B	82.2	185	0.98	0.883	1
PCB 36	ND	U	70.2	185			1
PCB 39	ND	U	71.3	185			1
PCB 38	ND	U	78.3	185			1
PCB 35	180	JK	78.8	185	0.78	0.986	1
PCB 37	3440	B	80.6	463	0.97	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-10-1
Lab Code: K1013433-012

Service Request: K1013433
Date Collected: 12/ 1/10 1320
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.396g
Data File Name: U224764
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1905
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	4.95	J	2.78	463	0.65	1.001	1
PCBs 50 + 53	490		4.53	185	0.79	1.097	1
PCBs 45 + 51	625	B	4.57	185	0.77	1.127	1
PCB 46	227		5.17	185	0.76	1.142	1
PCB 52	5690	B	4.27	463	0.79	1.205	1
PCBs 43 + 73	172	J	4.29	463	0.89	1.215	1
PCBs 49 + 69	3040	B	3.77	463	0.77	1.226	1
PCB 48	1170	B	4.61	185	0.73	1.239	1
PCBs 44 + 47 + 65	5770	B	4.09	463	0.77	1.250	1
PCBs 59 + 62 + 75	524		3.41	185	0.77	1.265	1
PCB 42	1570	B	4.66	185	0.79	1.274	1
PCBs 41 + 71 + 40	3890	B	4.53	463	0.77	1.297	1
PCB 64	3410	B	3.17	185	0.77	1.307	1
PCB 72	27.7	JK	3.18	463	0.56	0.833	1
PCB 68	9.56	JK	3.33	463	0.54	0.841	1
PCB 57	22.9	J	3.31	463	0.72	0.854	1
PCB 58	ND	U	3.44	463			1
PCB 67	191	J	2.94	463	0.74	0.864	1
PCB 63	418	J	3.06	463	0.78	0.872	1
PCBs 70 + 61 + 74 + 76	20300	B	3.27	463	0.77	0.882	1
PCB 66	11300	B	3.13	463	0.78	0.892	1
PCB 55	374	J	3.68	463	0.77	0.895	1
PCB 56	6680	B	39.3	185	0.77	0.911	1
PCB 60	4790		41.0	463	0.78	0.917	1
PCB 80	ND	U	34.2	463			1
PCB 79	186	J	35.4	463	0.77	0.972	1
PCB 78	ND	U	40.2	463			1
PCB 81	83.1	J	35.8	463	0.84	1.000	1
PCB 77	2660		48.3	463	0.77	1.000	1
PCB 104	ND	U	1.43	463			1
PCB 96	46.0	J	1.26	463	1.60	1.015	1
PCB 103	29.9	J	1.55	463	1.53	1.084	1
PCB 94	ND	U	1.94	463			1
PCB 95	3410	B	1.69	463	1.53	1.109	1
PCBs 93 + 100	41.8	JK	1.78	463	2.57	1.117	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-10-1
Lab Code: K1013433-012

Service Request: K1013433
Date Collected: 12/ 1/10 1320
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.396g
Data File Name: U224764
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1905
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	260	J	1.72	463	1.49	1.122	1
PCBs 88 + 91	861	B	1.76	463	1.52	1.141	1
PCB 84	1670	B	1.92	463	1.55	1.149	1
PCB 89	141	J	1.85	463	1.56	1.167	1
PCB 121	ND	U	8.09	463			1
PCB 92	1070	B	11.5	463	1.51	0.861	1
PCBs 90 + 101 + 113	7130	B	10.1	927	1.56	0.877	1
PCBs 83 + 99	4520	B	11.9	463	1.56	0.893	1
PCB 112	ND	U	8.04	927			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	6240	B	10.1	463	1.55	0.909	1
PCB 117	254		9.96	185	1.54	0.922	1
PCBs 85 + 116	1770		9.24	185	1.53	0.925	1
PCBs 110 + 115	10900	B	8.61	927	1.53	0.930	1
PCB 82	1100		13.3	463	1.53	0.938	1
PCB 111	ND	U	9.15	927			1
PCB 120	35.2	J	8.48	463	1.55	0.961	1
PCBs 108 + 124	486	J	73.1	927	1.52	0.991	1
PCB 107	1020		68.6	927	1.52	0.997	1
PCB 123	287	J	62.2	463	1.61	1.000	1
PCB 106	ND	U	72.1	463			1
PCB 118	11400	B	60.6	463	1.56	1.001	1
PCB 122	241	J	79.1	463	1.56	1.010	1
PCB 114	442	J	60.1	463	1.53	1.001	1
PCB 105	6830	B	66.0	185	1.56	1.000	1
PCB 127	ND	U	74.0	927			1
PCB 126	142	J	66.2	463	1.67	1.000	1
PCB 155	ND	U	3.96	927			1
PCB 152	6.27	J	3.56	927	1.31	1.008	1
PCB 150	14.9	J	3.89	927	1.39	1.012	1
PCB 136	725	B	3.73	185	1.22	1.027	1
PCB 145	ND	U	4.07	927			1
PCB 148	ND	U	5.15	927			1
PCBs 135 + 151	2750	B	5.44	463	1.20	1.100	1
PCB 154	72.8	J	4.56	463	1.16	1.106	1
PCB 144	432	J	5.20	463	1.21	1.115	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-10-1
Lab Code: K1013433-012

Service Request: K1013433
Date Collected: 12/ 1/10 1320
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.396g
Data File Name: U224764
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1905
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	7120	B	11.7	463	1.26	1.127	1
PCB 134	499		15.0	463	1.17	1.133	1
PCB 143	ND	U	11.9	463			1
PCBs 139 + 140	118	J	12.0	463	1.14	1.143	1
PCB 131	103	J	13.6	463	1.18	1.150	1
PCB 142	ND	U	13.6	927			1
PCB 132	3540	B	14.6	463	1.24	1.165	1
PCB 133	140	J	13.8	463	1.13	1.178	1
PCB 165	ND	U	11.1	927			1
PCB 146	1710		11.4	463	1.25	0.889	1
PCB 161	ND	U	9.40	927			1
PCBs 153 + 168	11700	B	10.6	463	1.24	0.904	1
PCB 141	2470		12.4	185	1.22	0.909	1
PCB 130	749		14.7	463	1.25	0.919	1
PCB 137	375	J	13.4	927	1.24	0.924	1
PCB 164	937		9.90	463	1.27	0.926	1
PCBs 129 + 138 + 163	10400	B	12.4	463	1.26	0.933	1
PCB 160	ND	U	10.1	463			1
PCB 158	1400		8.86	185	1.27	0.942	1
PCBs 128 + 166	2000		11.5	463	1.25	0.961	1
PCB 159	263	J	12.9	927	1.30	0.982	1
PCB 162	65.7	J	13.7	927	1.28	0.989	1
PCB 167	579		9.42	463	1.21	1.000	1
PCBs 156 + 157	1550		12.9	463	1.25	1.000	1
PCB 169	291	JK	11.4	463	2.24	1.002	1
PCB 188	7.42	JK	2.48	463	1.29	1.000	1
PCB 179	1330		2.47	463	1.03	1.010	1
PCB 184	ND	U	2.50	927			1
PCB 176	430	J	2.55	927	0.99	1.033	1
PCB 186	ND	U	2.71	927			1
PCB 178	794		3.52	463	1.03	1.081	1
PCB 175	190	J	3.35	927	1.03	1.096	1
PCB 187	5360		3.23	463	1.02	1.103	1
PCB 182	26.3	JK	3.25	927	1.25	1.108	1
PCB 183	2490		8.54	927	1.05	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-10-1
Lab Code: K1013433-012

Service Request: K1013433
Date Collected: 12/ 1/10 1320
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.396g
Data File Name: U224764
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1905
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	482	J	11.2	927	0.99	1.122	1
PCB 174	4520		10.2	463	1.06	1.126	1
PCB 177	2540		10.4	463	1.04	1.138	1
PCB 181	ND	U	10.7	927			1
PCBs 171 + 173	1450		10.7	927	1.06	1.153	1
PCB 172	884	J	10.6	927	1.02	0.903	1
PCB 192	ND	U	8.84	927			1
PCBs 180 + 193	11600		8.60	463	1.04	0.915	1
PCB 191	260	J	8.04	927	0.99	0.922	1
PCB 170	5240		11.6	463	1.06	0.940	1
PCB 190	1160		8.21	463	1.04	0.950	1
PCB 189	204	J	7.65	463	0.99	1.000	1
PCB 202	356	J	2.69	927	0.90	1.000	1
PCB 201	282	J	2.66	927	0.91	1.021	1
PCB 204	ND	U	2.66	927			1
PCB 197	72.9	J	2.73	927	1.02	1.041	1
PCB 200	262	J	2.69	927	0.84	1.044	1
PCBs 198 + 199	2830		3.99	463	0.89	1.107	1
PCB 196	1370		3.92	927	0.87	0.920	1
PCB 203	1720		3.66	927	0.89	0.924	1
PCB 195	1100		4.10	927	0.87	0.948	1
PCB 194	2890		3.98	463	0.88	0.992	1
PCB 205	136	J	2.88	927	0.88	1.000	1
PCB 208	149	J	2.47	927	0.77	1.001	1
PCB 207	102	J	2.60	927	0.74	1.019	1
PCB 206	873	J	5.39	927	0.77	1.000	1
PCB 209	226	J	2.72	463	1.14	1.001	1
Total MonoCB	153	J	9.44	185			1
Total DiCB	4190		48.4	463			1
Total TriCB	23100		30.6	463			1
Total TetraCB	73600		2.78	463			1
Total PentaCB	60300		1.26	927			1
Total HexaCB	50000		3.56	927			1
Total HeptaCB	38900		2.47	927			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-10-1
Lab Code: K1013433-012

Service Request: K1013433
Date Collected: 12/ 1/10 1320
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.396g
Data File Name: U224764
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1905
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	11000	2.66	927			1
Total NonaCB	1120	2.47	927			1
Total PCBs	263000	1.26	927			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-10-1
Lab Code: K1013433-012

Service Request: K1013433
Date Collected: 12/ 1/10 1320
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.396g
Data File Name: U224764
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 1905
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	7753.772	78		15-150	2.98	0.717
PCB 3L	10000	7264.521	73		15-150	3.42	0.847
PCB 4L	10000	7612.256	76		25-150	1.55	0.861
PCB 15L	10000	7957.076	80		25-150	1.61	1.183
PCB 19L	10000	7095.065	71		25-150	1.09	1.041
PCB 37L	10000	8898.716	89		25-150	1.08	1.083
PCB 54L	10000	7584.332	76		25-150	0.78	0.831
PCB 81L	10000	9514.933	95		25-150	0.82	1.340
PCB 77L	10000	10490.006	105		25-150	0.84	1.368
PCB 104L	10000	7072.344	71		25-150	1.55	0.822
PCB 123L	10000	8233.173	82		25-150	1.61	1.141
PCB 118L	10000	7990.040	80		25-150	1.63	1.150
PCB 114L	10000	8377.262	84		25-150	1.68	1.166
PCB 105L	10000	8609.802	86		25-150	1.60	1.187
PCB 126L	10000	9585.360	96		25-150	1.58	1.280
PCB 155L	10000	8292.213	83		25-150	1.25	0.797
PCB 167L	10000	7902.416	79		25-150	1.30	1.073
PCBs 156L + 157L	20000	16733.471	84		25-150	1.30	1.101
PCB 169L	10000	8657.917	87		25-150	1.34	1.179
PCB 188L	10000	6515.031	65		25-150	1.04	0.726
PCB 189L	10000	6516.710	65		25-150	1.05	0.961
PCB 202L	10000	6362.262	64		25-150	0.90	0.827
PCB 205L	10000	7935.655	79		25-150	0.91	1.009
PCB 208L	10000	7906.589	79		25-150	0.77	0.951
PCB 206L	10000	5574.700	56		25-150	0.78	1.041
PCB 209L	10000	5113.374	51		25-150	1.18	1.071
PCB 28L	10000	8203.139	82		30-135	1.08	0.931
PCB 111L	10000	8074.995	81		30-135	1.58	1.084
PCB 178L	10000	9519.080	95		30-135	1.04	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-11-1
Lab Code: K1013433-013

Service Request: K1013433
Date Collected: 12/ 1/10 1340
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.232g
Data File Name: U224765
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2014
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	78.4	J	5.75	191	3.28	1.001	1
PCB 2	31.4	K	7.24	9.56	3.67	0.989	1
PCB 3	90.4	J	8.54	191	3.58	1.001	1
PCB 4	ND	U	203	478			1
PCB 10	ND	U	104	104			1
PCB 9	ND	U	98.5	98.5			1
PCB 7	ND	U	96.5	96.5			1
PCB 6	193	K	96.4	96.4	1.19	1.164	1
PCB 5	ND	U	110	110			1
PCB 8	918		88.9	478	1.56	1.191	1
PCB 14	ND	U	95.3	95.6			1
PCB 11	950	B	99.5	191	1.58	0.972	1
PCBs 12 + 13	157		97.7	97.7	1.51	0.986	1
PCB 15	1020		64.8	478	1.63	1.001	1
PCB 19	72.6	J	19.8	95.6	1.04	1.001	1
PCBs 18 + 30	884	B	17.1	478	1.02	1.097	1
PCB 17	376	B	20.4	191	0.96	1.118	1
PCB 27	48.9	JK	14.0	191	0.77	1.130	1
PCB 24	ND	U	15.5	191			1
PCB 16	372	B	24.1	95.6	1.03	1.143	1
PCB 32	338	B	13.2	191	0.98	1.169	1
PCB 34	ND	U	14.7	191			1
PCB 23	ND	U	15.7	191			1
PCBs 26 + 29	386		13.9	191	1.01	1.260	1
PCB 25	172	J	12.4	191	0.95	0.838	1
PCB 31	2870	B	13.4	478	1.03	0.849	1
PCBs 20 + 28	3560	B	14.7	478	1.01	0.859	1
PCBs 21 + 33	1470	B	13.1	191	1.03	0.868	1
PCB 22	1380	B	15.5	191	1.00	0.882	1
PCB 36	ND	U	13.2	191			1
PCB 39	ND	U	13.4	191			1
PCB 38	ND	U	14.8	191			1
PCB 35	177	J	14.9	191	0.92	0.986	1
PCB 37	1490	B	15.4	478	1.02	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-11-1
Lab Code: K1013433-013

Service Request: K1013433
Date Collected: 12/ 1/10 1340
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.232g
Data File Name: U224765
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2014
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	ND	U	3.29	478			1
PCBs 50 + 53	226		5.49	191	0.78	1.099	1
PCBs 45 + 51	280	B	5.54	191	0.77	1.129	1
PCB 46	109	J	6.27	191	0.73	1.144	1
PCB 52	2240	B	5.17	478	0.77	1.208	1
PCBs 43 + 73	85.8	J	5.20	478	0.79	1.219	1
PCBs 49 + 69	1220	B	4.57	478	0.79	1.231	1
PCB 48	495	B	5.60	191	0.80	1.243	1
PCBs 44 + 47 + 65	2210	B	4.97	478	0.76	1.255	1
PCBs 59 + 62 + 75	208		4.14	191	0.82	1.269	1
PCB 42	586	B	5.65	191	0.79	1.278	1
PCBs 41 + 71 + 40	1400	B	5.50	478	0.78	1.302	1
PCB 64	1320	B	3.85	191	0.78	1.312	1
PCB 72	ND	U	3.86	478			1
PCB 68	ND	U	4.04	478			1
PCB 57	ND	U	4.02	478			1
PCB 58	ND	U	4.17	478			1
PCB 67	81.8	J	3.56	478	0.72	0.865	1
PCB 63	148	J	3.71	478	0.74	0.873	1
PCBs 70 + 61 + 74 + 76	6720	B	3.96	478	0.78	0.882	1
PCB 66	3660	B	3.80	478	0.78	0.892	1
PCB 55	168	J	4.46	478	0.75	0.896	1
PCB 56	1920	B	35.8	191	0.78	0.912	1
PCB 60	1490		37.4	478	0.80	0.917	1
PCB 80	ND	U	31.2	478			1
PCB 79	47.9	J	32.3	478	0.74	0.972	1
PCB 78	ND	U	36.7	478			1
PCB 81	ND	U	37.1	478			1
PCB 77	757		36.4	478	0.76	1.001	1
PCB 104	ND	U	2.93	478			1
PCB 96	18.3	J	2.82	478	1.57	1.015	1
PCB 103	10.4	J	3.46	478	1.77	1.086	1
PCB 94	10.8	J	4.32	478	1.60	1.094	1
PCB 95	1410	B	3.77	478	1.52	1.110	1
PCBs 93 + 100	23.0	JK	3.98	478	1.15	1.117	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-11-1
Lab Code: K1013433-013

Service Request: K1013433
Date Collected: 12/ 1/10 1340
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.232g
Data File Name: U224765
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2014
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	94.3	J	3.83	478	1.46	1.123	1
PCBs 88 + 91	280	BJ	3.94	478	1.47	1.142	1
PCB 84	553	B	4.30	478	1.61	1.151	1
PCB 89	39.8	J	4.12	478	1.63	1.168	1
PCB 121	ND	U	9.81	478			1
PCB 92	386	BJ	13.9	478	1.51	0.862	1
PCBs 90 + 101 + 113	2720	B	12.2	956	1.53	0.878	1
PCBs 83 + 99	1510	B	14.4	478	1.54	0.893	1
PCB 112	ND	U	9.75	956			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	2050	B	12.3	478	1.56	0.909	1
PCB 117	73.1	JK	12.1	191	1.30	0.923	1
PCBs 85 + 116	554		11.3	191	1.56	0.926	1
PCBs 110 + 115	3750	B	10.5	956	1.56	0.930	1
PCB 82	435	J	16.1	478	1.54	0.939	1
PCB 111	ND	U	11.1	956			1
PCB 120	11.6	JK	10.3	478	1.84	0.961	1
PCBs 108 + 124	174	J	10.4	956	1.55	0.991	1
PCB 107	332	J	9.70	956	1.56	0.997	1
PCB 123	98.3	J	9.06	478	1.59	1.000	1
PCB 106	ND	U	10.2	478			1
PCB 118	3780	B	8.58	478	1.55	1.000	1
PCB 122	80.2	J	11.2	478	1.53	1.010	1
PCB 114	141	J	9.04	478	1.41	1.000	1
PCB 105	2230	B	9.14	191	1.56	1.001	1
PCB 127	ND	U	10.5	956			1
PCB 126	54.2	J	9.97	478	1.64	1.001	1
PCB 155	ND	U	4.09	956			1
PCB 152	ND	U	3.97	956			1
PCB 150	ND	U	4.33	956			1
PCB 136	423	B	4.16	191	1.21	1.025	1
PCB 145	ND	U	4.54	956			1
PCB 148	ND	U	5.75	956			1
PCBs 135 + 151	1530	B	6.06	478	1.20	1.096	1
PCB 154	39.5	J	5.08	478	1.22	1.104	1
PCB 144	234	J	5.80	478	1.19	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-11-1
Lab Code: K1013433-013

Service Request: K1013433
Date Collected: 12/ 1/10 1340
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.232g
Data File Name: U224765
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2014
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	4290	B	8.20	478	1.25	1.125	1
PCB 134	242	J	10.6	478	1.23	1.132	1
PCB 143	ND	U	8.34	478			1
PCBs 139 + 140	50.5	J	8.41	478	1.40	1.143	1
PCB 131	50.0	J	9.49	478	1.33	1.149	1
PCB 142	ND	U	9.51	956			1
PCB 132	1610	B	10.2	478	1.21	1.164	1
PCB 133	65.7	J	9.67	478	1.26	1.178	1
PCB 165	ND	U	7.75	956			1
PCB 146	867		8.00	478	1.21	0.890	1
PCB 161	ND	U	6.60	956			1
PCBs 153 + 168	6130	B	7.44	478	1.25	0.904	1
PCB 141	1270		8.65	191	1.26	0.909	1
PCB 130	328	J	10.4	478	1.26	0.918	1
PCB 137	156	J	9.36	956	1.18	0.923	1
PCB 164	417	J	6.95	478	1.21	0.926	1
PCBs 129 + 138 + 163	7360	B	8.66	478	1.25	0.933	1
PCB 160	ND	U	7.08	478			1
PCB 158	628		6.22	191	1.20	0.942	1
PCBs 128 + 166	842		8.05	478	1.22	0.962	1
PCB 159	153	J	5.88	956	1.24	0.983	1
PCB 162	23.8	J	6.26	956	1.23	0.990	1
PCB 167	252	J	4.22	478	1.14	1.000	1
PCBs 156 + 157	622		6.10	478	1.21	1.000	1
PCB 169	ND	U	5.72	478			1
PCB 188	4.69	J	2.29	478	0.98	1.000	1
PCB 179	832		2.41	478	1.03	1.010	1
PCB 184	2.71	JK	2.44	956	1.39	1.023	1
PCB 176	267	J	2.49	956	1.01	1.033	1
PCB 186	ND	U	2.64	956			1
PCB 178	434	J	3.44	478	0.98	1.080	1
PCB 175	107	J	3.27	956	1.02	1.096	1
PCB 187	3000		3.15	478	1.00	1.103	1
PCB 182	18.5	JK	3.17	956	0.78	1.108	1
PCB 183	1360		15.2	956	1.04	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-11-1
Lab Code: K1013433-013

Service Request: K1013433
Date Collected: 12/ 1/10 1340
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.232g
Data File Name: U224765
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2014
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	260 J	19.9	956	0.96	1.122	1
PCB 174	2500	18.0	478	1.04	1.126	1
PCB 177	1600	18.4	478	1.06	1.137	1
PCB 181	ND U	18.9	956			1
PCBs 171 + 173	749 J	19.0	956	1.04	1.153	1
PCB 172	441 J	18.7	956	1.03	0.902	1
PCB 192	ND U	15.7	956			1
PCBs 180 + 193	5780	15.3	478	1.06	0.915	1
PCB 191	134 J	14.3	956	1.09	0.922	1
PCB 170	2400	20.5	478	1.04	0.940	1
PCB 190	530	14.6	478	1.01	0.950	1
PCB 189	91.3 J	14.8	478	1.17	1.000	1
PCB 202	193 J	3.92	956	0.90	1.001	1
PCB 201	157 J	4.13	956	0.85	1.022	1
PCB 204	ND U	4.13	956			1
PCB 197	37.4 JK	4.24	956	0.71	1.042	1
PCB 200	154 J	4.19	956	0.85	1.045	1
PCBs 198 + 199	1380	6.21	478	0.90	1.108	1
PCB 196	683 J	6.10	956	0.85	0.920	1
PCB 203	860 J	5.70	956	0.91	0.924	1
PCB 195	523 J	6.38	956	0.85	0.948	1
PCB 194	1310	6.19	478	0.87	0.992	1
PCB 205	72.6 J	4.83	956	0.94	1.000	1
PCB 208	74.2 J	4.36	956	0.77	1.001	1
PCB 207	50.8 J	4.70	956	0.82	1.019	1
PCB 206	436 J	8.46	956	0.77	1.000	1
PCB 209	125 JK	6.04	478	1.35	1.000	1
Total MonoCB	200	5.75	191			1
Total DiCB	3240	64.8	478			1
Total TriCB	13600	12.4	478			1
Total TetraCB	25400	3.29	478			1
Total PentaCB	20800	2.82	956			1
Total HexaCB	27600	3.97	956			1
Total HeptaCB	20500	2.29	956			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-11-1
Lab Code: K1013433-013

Service Request: K1013433
Date Collected: 12/ 1/10 1340
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.232g
Data File Name: U224765
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2014
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	5370	3.92	956			1
Total NonaCB	561 J	4.36	956			1
Total PCBs	117000	2.29	956			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-11-1
Lab Code: K1013433-013

Service Request: K1013433
Date Collected: 12/ 1/10 1340
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.232g
Data File Name: U224765
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2014
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	7120.279	71		15-150	3.13	0.735
PCB 3L	10000	7003.532	70		15-150	3.27	0.860
PCB 4L	10000	7548.718	75		25-150	1.52	0.874
PCB 15L	10000	7412.954	74		25-150	1.65	1.209
PCB 19L	10000	6355.229	64		25-150	1.08	1.057
PCB 37L	10000	8304.259	83		25-150	1.06	1.083
PCB 54L	10000	7425.275	74		25-150	0.79	0.828
PCB 81L	10000	9138.990	91		25-150	0.80	1.340
PCB 77L	10000	9596.862	96		25-150	0.83	1.362
PCB 104L	10000	7449.591	74		25-150	1.56	0.822
PCB 123L	10000	8196.873	82		25-150	1.61	1.141
PCB 118L	10000	7970.835	80		25-150	1.62	1.150
PCB 114L	10000	7903.022	79		25-150	1.66	1.166
PCB 105L	10000	8528.514	85		25-150	1.63	1.186
PCB 126L	10000	9211.213	92		25-150	1.59	1.279
PCB 155L	10000	5909.560	59		25-150	1.24	0.798
PCB 167L	10000	5380.976	54		25-150	1.28	1.073
PCBs 156L + 157L	20000	11323.743	57		25-150	1.30	1.102
PCB 169L	10000	5417.587	54		25-150	1.28	1.180
PCB 188L	10000	7444.417	74		25-150	1.05	0.725
PCB 189L	10000	6756.534	68		25-150	1.03	0.961
PCB 202L	10000	7442.307	74		25-150	0.91	0.826
PCB 205L	10000	7995.481	80		25-150	0.87	1.009
PCB 208L	10000	8352.321	84		25-150	0.77	0.951
PCB 206L	10000	5695.834	57		25-150	0.78	1.041
PCB 209L	10000	4907.116	49		25-150	1.19	1.071
PCB 28L	10000	7943.976	79		30-135	1.08	0.930
PCB 111L	10000	7841.931	78		30-135	1.56	1.081
PCB 178L	10000	6505.004	65		30-135	1.03	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-01-1
Lab Code: K1013433-014

Service Request: K1013433
Date Collected: 12/ 1/10 1500
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.880g
Data File Name: U224766
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2122
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	516	10.9	170	3.04	1.001	1
PCB 2	117	13.1	13.1	3.27	0.990	1
PCB 3	471	14.8	170	3.27	1.000	1
PCB 4	ND U	308	425			1
PCB 10	ND U	119	119			1
PCB 9	287	189	189	1.36	1.153	1
PCB 7	ND U	185	185			1
PCB 6	675	185	185	1.42	1.167	1
PCB 5	ND U	210	210			1
PCB 8	2230	171	425	1.59	1.190	1
PCB 14	ND U	183	183			1
PCB 11	603 B	191	191	1.57	0.973	1
PCBs 12 + 13	471	187	187	1.58	0.986	1
PCB 15	1970	50.1	425	1.53	1.001	1
PCB 19	218	22.1	85.0	1.06	1.002	1
PCBs 18 + 30	2270 B	17.4	425	1.03	1.093	1
PCB 17	977 B	20.7	170	1.01	1.115	1
PCB 27	145 J	14.2	170	1.01	1.126	1
PCB 24	27.2 JK	15.7	170	0.84	1.133	1
PCB 16	1020 B	24.5	85.0	1.03	1.139	1
PCB 32	732 B	13.4	170	1.05	1.164	1
PCB 34	ND U	81.1	170			1
PCB 23	ND U	86.8	170			1
PCBs 26 + 29	731	77.2	170	1.02	1.254	1
PCB 25	298	68.7	170	1.01	0.839	1
PCB 31	4470 B	74.2	425	1.03	0.850	1
PCBs 20 + 28	5200 B	81.4	425	1.03	0.860	1
PCBs 21 + 33	2370 B	72.7	170	1.05	0.869	1
PCB 22	2100 B	85.7	170	1.03	0.882	1
PCB 36	ND U	73.2	170			1
PCB 39	ND U	74.4	170			1
PCB 38	ND U	81.7	170			1
PCB 35	158 J	82.2	170	1.02	0.986	1
PCB 37	2120 B	80.4	425	1.02	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-01-1
Lab Code: K1013433-014

Service Request: K1013433
Date Collected: 12/ 1/10 1500
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.880g
Data File Name: U224766
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2122
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	4.85	JK	2.34	425	0.59	1.001	1
PCBs 50 + 53	437		4.79	170	0.75	1.098	1
PCBs 45 + 51	562	B	4.83	170	0.74	1.128	1
PCB 46	191		5.47	170	0.79	1.143	1
PCB 52	4270	B	4.51	425	0.78	1.206	1
PCBs 43 + 73	143	J	4.54	425	0.86	1.218	1
PCBs 49 + 69	2090	B	3.99	425	0.78	1.229	1
PCB 48	839	B	4.88	170	0.80	1.241	1
PCBs 44 + 47 + 65	3670	B	4.33	425	0.78	1.253	1
PCBs 59 + 62 + 75	305		3.61	170	0.83	1.267	1
PCB 42	1080	B	4.93	170	0.78	1.276	1
PCBs 41 + 71 + 40	2440	B	4.80	425	0.78	1.300	1
PCB 64	1720	B	3.36	170	0.79	1.309	1
PCB 72	28.4	J	3.37	425	0.67	0.833	1
PCB 68	5.41	JK	3.53	425	0.49	0.841	1
PCB 57	11.8	J	3.51	425	0.71	0.853	1
PCB 58	ND	U	3.64	425			1
PCB 67	118	J	3.11	425	0.74	0.865	1
PCB 63	162	J	3.24	425	0.71	0.873	1
PCBs 70 + 61 + 74 + 76	8340	B	3.46	425	0.77	0.882	1
PCB 66	4790	B	3.31	425	0.78	0.892	1
PCB 55	115	JK	3.89	425	0.93	0.895	1
PCB 56	2900	B	19.3	170	0.79	0.911	1
PCB 60	1990		20.1	425	0.78	0.917	1
PCB 80	ND	U	16.8	425			1
PCB 79	123	JK	17.3	425	0.63	0.972	1
PCB 78	ND	U	19.7	425			1
PCB 81	38.2	J	18.0	425	0.70	1.001	1
PCB 77	859		21.6	425	0.76	1.000	1
PCB 104	ND	U	2.41	425			1
PCB 96	34.4	J	2.08	425	1.53	1.015	1
PCB 103	30.1	J	2.56	425	1.51	1.084	1
PCB 94	21.6	JK	3.19	425	1.87	1.094	1
PCB 95	4810	B	2.78	425	1.52	1.110	1
PCBs 93 + 100	41.8	J	2.94	425	1.60	1.117	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-01-1
Lab Code: K1013433-014

Service Request: K1013433
Date Collected: 12/ 1/10 1500
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.880g
Data File Name: U224766
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2122
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	176	J	2.83	425	1.54	1.122	1
PCBs 88 + 91	628	B	2.90	425	1.54	1.141	1
PCB 84	1210	B	3.17	425	1.51	1.150	1
PCB 89	75.2	J	3.04	425	1.40	1.167	1
PCB 121	ND	U	7.10	425			1
PCB 92	1210	B	10.1	425	1.51	0.862	1
PCBs 90 + 101 + 113	8860	B	8.80	850	1.54	0.878	1
PCBs 83 + 99	3370	B	10.4	425	1.53	0.893	1
PCB 112	ND	U	7.06	850			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	4720	B	8.86	425	1.52	0.909	1
PCB 117	109	J	8.74	170	1.49	0.923	1
PCBs 85 + 116	1080		8.11	170	1.55	0.926	1
PCBs 110 + 115	8040	B	7.56	850	1.56	0.930	1
PCB 82	636		11.7	425	1.54	0.939	1
PCB 111	ND	U	8.03	850			1
PCB 120	33.9	JK	7.45	425	1.25	0.961	1
PCBs 108 + 124	381	J	77.5	850	1.45	0.991	1
PCB 107	551	J	72.7	850	1.47	0.997	1
PCB 123	158	J	65.0	425	1.54	1.000	1
PCB 106	ND	U	76.4	425			1
PCB 118	5150	B	63.6	425	1.55	1.000	1
PCB 122	113	J	83.9	425	1.47	1.010	1
PCB 114	148	JK	64.0	425	2.50	1.001	1
PCB 105	3540	B	66.5	170	1.56	1.000	1
PCB 127	ND	U	78.5	850			1
PCB 126	74.0	JK	71.1	425	1.26	1.000	1
PCB 155	ND	U	3.66	850			1
PCB 152	ND	U	3.37	850			1
PCB 150	29.5	J	3.68	850	1.12	1.012	1
PCB 136	2210	B	3.53	170	1.21	1.026	1
PCB 145	ND	U	3.86	850			1
PCB 148	ND	U	4.88	850			1
PCBs 135 + 151	7790	B	5.15	425	1.20	1.098	1
PCB 154	117	J	4.31	425	1.24	1.105	1
PCB 144	1190		4.93	425	1.18	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-01-1
Lab Code: K1013433-014

Service Request: K1013433
Date Collected: 12/ 1/10 1500
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.880g
Data File Name: U224766
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2122
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	19700	B	15.3	425	1.26	1.126	1
PCB 134	877		19.6	425	1.28	1.132	1
PCB 143	ND	U	15.6	425			1
PCBs 139 + 140	138	J	15.7	425	1.23	1.143	1
PCB 131	155	J	17.7	425	1.24	1.150	1
PCB 142	ND	U	17.7	850			1
PCB 132	6490	B	19.0	425	1.25	1.164	1
PCB 133	275	J	18.0	425	1.20	1.178	1
PCB 165	ND	U	14.5	850			1
PCB 146	3540		14.9	425	1.26	0.890	1
PCB 161	ND	U	12.3	850			1
PCBs 153 + 168	25400	B	13.9	425	1.26	0.904	1
PCB 141	6120		16.1	170	1.24	0.909	1
PCB 130	1010		19.2	425	1.21	0.919	1
PCB 137	427	J	17.5	850	1.15	0.923	1
PCB 164	1670		13.0	425	1.24	0.926	1
PCBs 129 + 138 + 163	24200	B	16.1	425	1.25	0.933	1
PCB 160	ND	U	13.2	425			1
PCB 158	2190		11.6	170	1.24	0.942	1
PCBs 128 + 166	2520		15.0	425	1.24	0.961	1
PCB 159	661	J	10.6	850	1.28	0.983	1
PCB 162	72.8	JK	11.2	850	0.93	0.990	1
PCB 167	778		7.64	425	1.20	1.001	1
PCBs 156 + 157	1600		11.1	425	1.24	1.000	1
PCB 169	ND	U	9.13	425			1
PCB 188	16.6	J	2.79	425	1.09	1.000	1
PCB 179	4210		2.80	425	1.02	1.010	1
PCB 184	ND	U	2.84	850			1
PCB 176	1380		2.89	850	1.01	1.033	1
PCB 186	ND	U	3.07	850			1
PCB 178	2100		4.00	425	1.02	1.080	1
PCB 175	470	J	3.80	850	1.05	1.096	1
PCB 187	14100		3.66	425	1.02	1.103	1
PCB 182	42.7	JK	3.69	850	0.81	1.109	1
PCB 183	6550		25.5	850	1.05	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-01-1
Lab Code: K1013433-014

Service Request: K1013433
Date Collected: 12/ 1/10 1500
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.880g
Data File Name: U224766
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2122
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	1100	33.4	850	1.15	1.122	1
PCB 174	12200	30.2	425	1.06	1.126	1
PCB 177	6470	30.9	425	1.07	1.138	1
PCB 181	ND U	31.7	850			1
PCBs 171 + 173	3560	31.9	850	1.04	1.153	1
PCB 172	2190	31.5	850	1.06	0.903	1
PCB 192	ND U	26.4	850			1
PCBs 180 + 193	27800	25.7	425	1.05	0.915	1
PCB 191	578 J	24.0	850	1.15	0.922	1
PCB 170	11200	34.5	425	1.03	0.940	1
PCB 190	2400	24.5	425	1.04	0.950	1
PCB 189	382 J	23.4	425	1.02	1.000	1
PCB 202	803 J	2.45	850	0.91	1.000	1
PCB 201	690 J	2.52	850	0.85	1.021	1
PCB 204	ND U	2.52	850			1
PCB 197	183 J	2.59	850	0.86	1.042	1
PCB 200	746 J	2.56	850	0.88	1.045	1
PCBs 198 + 199	6010	3.79	425	0.88	1.108	1
PCB 196	2970	3.73	850	0.89	0.920	1
PCB 203	3490	3.48	850	0.89	0.924	1
PCB 195	2320	3.89	850	0.88	0.948	1
PCB 194	5560	3.78	425	0.88	0.992	1
PCB 205	271 J	2.86	850	0.86	1.000	1
PCB 208	186 J	3.24	850	0.74	1.000	1
PCB 207	146 J	3.48	850	0.80	1.019	1
PCB 206	1180	4.59	850	0.79	1.000	1
PCB 209	92.6 J	4.07	425	1.26	1.000	1
Total MonoCB	1100	10.9	170			1
Total DiCB	6230	50.1	425			1
Total TriCB	22800	13.4	425			1
Total TetraCB	37200	2.34	425			1
Total PentaCB	45200	2.08	850			1
Total HexaCB	109000	3.37	850			1
Total HeptaCB	96800	2.79	850			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-01-1
Lab Code: K1013433-014

Service Request: K1013433
Date Collected: 12/ 1/10 1500
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.880g
Data File Name: U224766
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2122
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	23000	2.45	850			1
Total NonaCB	1510	3.24	850			1
Total PCBs	343000	2.08	850			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-01-1
Lab Code: K1013433-014

Service Request: K1013433
Date Collected: 12/ 1/10 1500
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.880g
Data File Name: U224766
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2122
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	7636.286	76		15-150	3.27	0.724
PCB 3L	10000	7769.479	78		15-150	3.09	0.853
PCB 4L	10000	8106.435	81		25-150	1.55	0.868
PCB 15L	10000	8078.777	81		25-150	1.62	1.194
PCB 19L	10000	7078.355	71		25-150	1.08	1.047
PCB 37L	10000	9672.003	97		25-150	1.11	1.083
PCB 54L	10000	7975.966	80		25-150	0.80	0.829
PCB 81L	10000	10420.250	104		25-150	0.81	1.340
PCB 77L	10000	11558.504	116		25-150	0.81	1.365
PCB 104L	10000	6937.913	69		25-150	1.57	0.822
PCB 123L	10000	8451.769	85		25-150	1.61	1.141
PCB 118L	10000	8160.596	82		25-150	1.62	1.150
PCB 114L	10000	8429.456	84		25-150	1.65	1.166
PCB 105L	10000	9061.149	91		25-150	1.66	1.187
PCB 126L	10000	9499.229	95		25-150	1.62	1.280
PCB 155L	10000	7024.947	70		25-150	1.23	0.797
PCB 167L	10000	6610.229	66		25-150	1.32	1.073
PCBs 156L + 157L	20000	13766.045	69		25-150	1.32	1.101
PCB 169L	10000	6958.215	70		25-150	1.30	1.180
PCB 188L	10000	7267.000	73		25-150	1.03	0.725
PCB 189L	10000	6826.313	68		25-150	1.05	0.961
PCB 202L	10000	7273.443	73		25-150	0.88	0.827
PCB 205L	10000	8254.478	83		25-150	0.90	1.009
PCB 208L	10000	8462.706	85		25-150	0.79	0.951
PCB 206L	10000	5684.281	57		25-150	0.78	1.041
PCB 209L	10000	5118.645	51		25-150	1.19	1.071
PCB 28L	10000	8101.594	81		30-135	1.05	0.931
PCB 111L	10000	8220.681	82		30-135	1.56	1.083
PCB 178L	10000	7568.967	76		30-135	1.02	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-02-1
Lab Code: K1013433-015

Service Request: K1013433
Date Collected: 12/ 1/10 1430
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.366g
Data File Name: U224767
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2230
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	296		5.68	186	3.20	1.000	1
PCB 2	87.3	K	7.31	9.32	3.68	0.989	1
PCB 3	218		8.73	186	3.20	1.001	1
PCB 4	ND	U	205	466			1
PCB 10	ND	U	95.8	95.8			1
PCB 9	ND	U	120	120			1
PCB 7	ND	U	117	117			1
PCB 6	341		117	117	1.35	1.165	1
PCB 5	ND	U	133	133			1
PCB 8	826		108	466	1.56	1.191	1
PCB 14	ND	U	116	116			1
PCB 11	359	B	121	186	1.62	0.972	1
PCBs 12 + 13	209		119	119	1.72	0.986	1
PCB 15	626		63.9	466	1.58	1.001	1
PCB 19	85.9	J	26.3	93.2	0.95	1.001	1
PCBs 18 + 30	1010	B	22.7	466	1.03	1.095	1
PCB 17	396	B	27.1	186	1.03	1.117	1
PCB 27	65.2	J	18.5	186	0.91	1.129	1
PCB 24	ND	U	20.6	186			1
PCB 16	419	B	32.1	93.2	0.99	1.142	1
PCB 32	326	B	17.5	186	1.03	1.168	1
PCB 34	ND	U	14.3	186			1
PCB 23	ND	U	15.3	186			1
PCBs 26 + 29	348		13.6	186	1.01	1.259	1
PCB 25	112	J	12.1	186	1.13	0.838	1
PCB 31	1820	B	13.1	466	1.01	0.849	1
PCBs 20 + 28	2110	B	14.3	466	1.02	0.859	1
PCBs 21 + 33	920	B	12.8	186	1.00	0.869	1
PCB 22	857	B	15.1	186	1.03	0.882	1
PCB 36	ND	U	12.9	186			1
PCB 39	ND	U	13.1	186			1
PCB 38	ND	U	14.4	186			1
PCB 35	77.5	J	14.5	186	1.06	0.986	1
PCB 37	860	B	14.8	466	1.01	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-02-1
Lab Code: K1013433-015

Service Request: K1013433
Date Collected: 12/ 1/10 1430
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.366g
Data File Name: U224767
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2230
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	ND	U	3.04	466			1
PCBs 50 + 53	235		5.46	186	0.78	1.099	1
PCBs 45 + 51	293	B	5.51	186	0.80	1.129	1
PCB 46	103	J	6.24	186	0.86	1.144	1
PCB 52	2330	B	5.15	466	0.79	1.208	1
PCBs 43 + 73	73.5	JK	5.17	466	0.64	1.218	1
PCBs 49 + 69	1080	B	4.55	466	0.77	1.230	1
PCB 48	426	B	5.57	186	0.75	1.242	1
PCBs 44 + 47 + 65	1980	B	4.94	466	0.78	1.254	1
PCBs 59 + 62 + 75	150	J	4.11	186	0.76	1.268	1
PCB 42	512	B	5.62	186	0.78	1.278	1
PCBs 41 + 71 + 40	1150	B	5.47	466	0.76	1.301	1
PCB 64	821	B	3.82	186	0.77	1.311	1
PCB 72	17.2	JK	3.84	466	0.64	0.833	1
PCB 68	ND	U	4.02	466			1
PCB 57	ND	U	4.00	466			1
PCB 58	ND	U	4.15	466			1
PCB 67	41.6	J	3.54	466	0.78	0.865	1
PCB 63	72.3	J	3.69	466	0.75	0.872	1
PCBs 70 + 61 + 74 + 76	4070	B	3.94	466	0.78	0.883	1
PCB 66	2260	B	3.77	466	0.78	0.892	1
PCB 55	70.0	J	4.43	466	0.75	0.896	1
PCB 56	1460	B	12.1	186	0.78	0.911	1
PCB 60	959		12.6	466	0.78	0.917	1
PCB 80	ND	U	10.5	466			1
PCB 79	72.4	JK	10.9	466	0.48	0.972	1
PCB 78	ND	U	12.4	466			1
PCB 81	13.9	JK	12.6	466	0.52	1.000	1
PCB 77	472		12.7	466	0.79	1.000	1
PCB 104	ND	U	3.03	466			1
PCB 96	21.2	J	2.84	466	1.53	1.016	1
PCB 103	16.0	J	3.48	466	1.38	1.085	1
PCB 94	10.7	J	4.35	466	1.77	1.094	1
PCB 95	3470	B	3.79	466	1.52	1.110	1
PCBs 93 + 100	24.1	JK	4.01	466	1.11	1.118	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-02-1
Lab Code: K1013433-015

Service Request: K1013433
Date Collected: 12/ 1/10 1430
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.366g
Data File Name: U224767
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2230
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	103	J	3.86	466	1.51	1.123	1
PCBs 88 + 91	373	BJ	3.96	466	1.54	1.142	1
PCB 84	772	B	4.33	466	1.58	1.151	1
PCB 89	40.5	J	4.15	466	1.69	1.168	1
PCB 121	ND	U	7.73	466			1
PCB 92	864	B	10.9	466	1.51	0.862	1
PCBs 90 + 101 + 113	6750	B	9.58	932	1.55	0.878	1
PCBs 83 + 99	2200	B	11.4	466	1.55	0.893	1
PCB 112	ND	U	7.68	932			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	3300	B	9.64	466	1.54	0.909	1
PCB 117	67.7	J	9.51	186	1.58	0.923	1
PCBs 85 + 116	723		8.83	186	1.54	0.926	1
PCBs 110 + 115	6020	B	8.23	932	1.58	0.930	1
PCB 82	479		12.7	466	1.49	0.939	1
PCB 111	ND	U	8.74	932			1
PCB 120	21.8	J	8.11	466	1.55	0.961	1
PCBs 108 + 124	248	J	21.4	932	1.60	0.991	1
PCB 107	415	J	20.1	932	1.56	0.997	1
PCB 123	101	JK	18.4	466	1.12	1.000	1
PCB 106	ND	U	21.1	466			1
PCB 118	4020	B	17.8	466	1.57	1.001	1
PCB 122	76.1	JK	23.2	466	2.23	1.010	1
PCB 114	132	J	18.5	466	1.76	1.001	1
PCB 105	2810	B	18.4	186	1.57	1.001	1
PCB 127	ND	U	21.7	932			1
PCB 126	99.9	J	20.1	466	1.62	1.001	1
PCB 155	ND	U	4.41	932			1
PCB 152	ND	U	4.15	932			1
PCB 150	19.5	J	4.54	932	1.28	1.012	1
PCB 136	2120	B	4.35	186	1.19	1.026	1
PCB 145	ND	U	4.75	932			1
PCB 148	ND	U	6.02	932			1
PCBs 135 + 151	7740	B	6.35	466	1.21	1.098	1
PCB 154	91.9	J	5.32	466	1.17	1.104	1
PCB 144	1180		6.07	466	1.21	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-02-1
Lab Code: K1013433-015

Service Request: K1013433
Date Collected: 12/ 1/10 1430
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.366g
Data File Name: U224767
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2230
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	20900	B	17.8	466	1.25	1.125	1
PCB 134	936		22.9	466	1.23	1.131	1
PCB 143	ND	U	18.1	466			1
PCBs 139 + 140	95.4	J	18.3	466	1.29	1.143	1
PCB 131	144	J	20.6	466	1.19	1.149	1
PCB 142	ND	U	20.7	932			1
PCB 132	6570	B	22.2	466	1.24	1.164	1
PCB 133	253	J	21.0	466	1.18	1.178	1
PCB 165	ND	U	16.9	932			1
PCB 146	3510		17.4	466	1.24	0.890	1
PCB 161	ND	U	14.4	932			1
PCBs 153 + 168	27900	B	16.2	466	1.24	0.904	1
PCB 141	6410		18.8	186	1.23	0.909	1
PCB 130	987		22.5	466	1.24	0.919	1
PCB 137	302	J	20.4	932	1.15	0.923	1
PCB 164	1800		15.1	466	1.24	0.926	1
PCBs 129 + 138 + 163	30600	B	18.8	466	1.25	0.933	1
PCB 160	ND	U	15.4	466			1
PCB 158	2310		13.6	186	1.23	0.942	1
PCBs 128 + 166	2620		17.5	466	1.23	0.962	1
PCB 159	812	J	16.0	932	1.28	0.983	1
PCB 162	79.1	J	17.0	932	1.26	0.989	1
PCB 167	757		11.6	466	1.24	1.001	1
PCBs 156 + 157	1700		16.6	466	1.24	1.000	1
PCB 169	ND	U	14.7	466			1
PCB 188	11.1	J	3.23	466	0.94	1.000	1
PCB 179	4610		3.35	466	1.02	1.010	1
PCB 184	ND	U	3.39	932			1
PCB 176	1480		3.45	932	1.01	1.033	1
PCB 186	ND	U	3.67	932			1
PCB 178	2290		4.77	466	1.03	1.079	1
PCB 175	483	J	4.54	932	1.00	1.096	1
PCB 187	15500		4.37	466	1.01	1.103	1
PCB 182	ND	U	4.40	932			1
PCB 183	6820		42.0	932	1.06	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-02-1
Lab Code: K1013433-015

Service Request: K1013433
Date Collected: 12/ 1/10 1430
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.366g
Data File Name: U224767
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2230
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	1360	55.0	932	0.98	1.122	1
PCB 174	14100	49.8	466	1.05	1.125	1
PCB 177	8620	50.9	466	1.05	1.137	1
PCB 181	ND U	52.3	932			1
PCBs 171 + 173	4040	52.6	932	1.05	1.153	1
PCB 172	2240	51.8	932	1.06	0.902	1
PCB 192	ND U	43.5	932			1
PCBs 180 + 193	30500	42.3	466	1.04	0.915	1
PCB 191	675 J	39.6	932	1.03	0.922	1
PCB 170	12100	56.7	466	1.02	0.940	1
PCB 190	2630	40.4	466	1.06	0.950	1
PCB 189	444 J	40.1	466	1.06	1.000	1
PCB 202	860 J	6.20	932	0.89	1.000	1
PCB 201	736 J	6.25	932	0.90	1.021	1
PCB 204	ND U	6.26	932			1
PCB 197	193 J	6.42	932	0.85	1.042	1
PCB 200	809 J	6.34	932	0.89	1.045	1
PCBs 198 + 199	6300	9.39	466	0.87	1.108	1
PCB 196	3160	9.24	932	0.88	0.920	1
PCB 203	3810	8.63	932	0.89	0.924	1
PCB 195	2580	9.65	932	0.90	0.948	1
PCB 194	6680	9.37	466	0.89	0.992	1
PCB 205	332 J	6.96	932	0.87	1.000	1
PCB 208	228 J	6.38	932	0.79	1.000	1
PCB 207	182 J	6.61	932	0.82	1.019	1
PCB 206	1450	8.53	932	0.78	1.001	1
PCB 209	98.2 J	6.63	466	1.08	1.001	1
Total MonoCB	601	5.68	186			1
Total DiCB	2360	63.9	466			1
Total TriCB	9410	12.1	466			1
Total TetraCB	18700	3.04	466			1
Total PentaCB	33200	2.84	932			1
Total HexaCB	120000	4.15	932			1
Total HeptaCB	108000	3.23	932			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-02-1
Lab Code: K1013433-015

Service Request: K1013433
Date Collected: 12/ 1/10 1430
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.366g
Data File Name: U224767
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2230
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	25500	6.20	932			1
Total NonaCB	1860	6.38	932			1
Total PCBs	319000	2.84	932			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-02-1
Lab Code: K1013433-015

Service Request: K1013433
Date Collected: 12/ 1/10 1430
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.366g
Data File Name: U224767
ICAL Date: 10/19/09

Date Analyzed: 1/15/11 2230
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224758

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	5821.432	58		15-150	3.13	0.731
PCB 3L	10000	5763.850	58		15-150	3.13	0.856
PCB 4L	10000	6082.639	61		25-150	1.50	0.871
PCB 15L	10000	5850.175	59		25-150	1.64	1.203
PCB 19L	10000	5090.654	51		25-150	1.05	1.053
PCB 37L	10000	6502.677	65		25-150	1.10	1.083
PCB 54L	10000	6080.137	61		25-150	0.78	0.829
PCB 81L	10000	7072.856	71		25-150	0.83	1.340
PCB 77L	10000	8078.119	81		25-150	0.81	1.366
PCB 104L	10000	5578.038	56		25-150	1.56	0.822
PCB 123L	10000	6316.973	63		25-150	1.61	1.141
PCB 118L	10000	6173.021	62		25-150	1.63	1.150
PCB 114L	10000	6213.397	62		25-150	1.62	1.166
PCB 105L	10000	6732.430	67		25-150	1.63	1.186
PCB 126L	10000	7161.812	72		25-150	1.60	1.279
PCB 155L	10000	4324.162	43		25-150	1.23	0.798
PCB 167L	10000	4092.874	41		25-150	1.28	1.073
PCBs 156L + 157L	20000	8422.061	42		25-150	1.28	1.101
PCB 169L	10000	4149.471	41		25-150	1.31	1.180
PCB 188L	10000	5392.110	54		25-150	1.04	0.726
PCB 189L	10000	4902.803	49		25-150	1.05	0.961
PCB 202L	10000	5391.606	54		25-150	0.91	0.827
PCB 205L	10000	6173.704	62		25-150	0.89	1.009
PCB 208L	10000	5734.647	57		25-150	0.78	0.951
PCB 206L	10000	4393.607	44		25-150	0.77	1.041
PCB 209L	10000	3978.971	40		25-150	1.23	1.071
PCB 28L	10000	6078.294	61		30-135	1.12	0.931
PCB 111L	10000	6406.493	64		30-135	1.56	1.082
PCB 178L	10000	4932.003	49		30-135	1.02	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-03-1
Lab Code: K1013433-016

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.534g
Data File Name: U224771
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1006
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	233		8.55	181	3.33	1.000	1
PCB 2	56.6		7.37	9.04	3.27	0.988	1
PCB 3	225		6.06	181	3.22	1.001	1
PCB 4	ND	U	315	452			1
PCB 10	ND	U	109	109			1
PCB 9	128	K	99.5	99.5	1.00	1.160	1
PCB 7	ND	U	98.7	98.7			1
PCB 6	334	K	96.4	96.4	1.24	1.172	1
PCB 5	ND	U	115	115			1
PCB 8	1360		90.6	452	1.52	1.193	1
PCB 14	ND	U	96.3	96.3			1
PCB 11	332	BK	95.1	181	2.01	0.973	1
PCBs 12 + 13	208		102	102	1.66	0.986	1
PCB 15	831		31.4	452	1.57	1.002	1
PCB 19	137		9.67	90.4	1.00	1.001	1
PCBs 18 + 30	961	B	6.59	452	1.08	1.091	1
PCB 17	461	B	7.57	181	1.06	1.112	1
PCB 27	74.9	J	5.42	181	1.05	1.123	1
PCB 24	20.2	J	6.03	181	1.11	1.130	1
PCB 16	496	B	9.61	90.4	1.03	1.136	1
PCB 32	325	B	5.09	181	1.03	1.162	1
PCB 34	6.24	JK	4.02	181	1.31	1.226	1
PCB 23	ND	U	4.37	181			1
PCBs 26 + 29	323		3.90	181	1.04	1.250	1
PCB 25	137	J	3.46	181	1.08	0.839	1
PCB 31	1860	B	3.73	452	1.05	0.851	1
PCBs 20 + 28	2400	B	4.25	452	1.04	0.860	1
PCBs 21 + 33	1180	B	3.80	181	1.09	0.869	1
PCB 22	945	B	4.36	181	1.08	0.883	1
PCB 36	ND	U	3.89	181			1
PCB 39	ND	U	3.87	181			1
PCB 38	ND	U	3.95	181			1
PCB 35	52.5	J	4.06	181	0.89	0.986	1
PCB 37	724	B	4.03	452	1.00	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-03-1
Lab Code: K1013433-016

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.534g
Data File Name: U224771
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1006
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	ND	U	2.59	452			1
PCBs 50 + 53	199		3.50	181	0.77	1.097	1
PCBs 45 + 51	267	B	3.59	181	0.77	1.127	1
PCB 46	95.8	J	4.01	181	0.73	1.142	1
PCB 52	1700	B	3.29	452	0.77	1.205	1
PCBs 43 + 73	70.7	J	3.29	452	0.82	1.215	1
PCBs 49 + 69	866	B	2.91	452	0.79	1.226	1
PCB 48	380	B	3.59	181	0.80	1.239	1
PCBs 44 + 47 + 65	1580	B	3.16	452	0.80	1.250	1
PCBs 59 + 62 + 75	134	J	2.62	181	0.82	1.265	1
PCB 42	438	B	3.57	181	0.79	1.274	1
PCBs 41 + 71 + 40	984	B	3.50	452	0.82	1.297	1
PCB 64	694	B	2.44	181	0.81	1.307	1
PCB 72	6.39	JK	2.44	452	1.46	0.833	1
PCB 68	ND	U	2.59	452			1
PCB 57	4.29	JK	2.58	452	1.19	0.853	1
PCB 58	ND	U	2.68	452			1
PCB 67	47.4	J	2.26	452	0.69	0.865	1
PCB 63	59.1	J	2.42	452	0.76	0.872	1
PCBs 70 + 61 + 74 + 76	2820	B	2.54	452	0.79	0.882	1
PCB 66	1670	B	2.41	452	0.79	0.891	1
PCB 55	ND	U	2.87	452			1
PCB 56	1060	B	9.06	181	0.78	0.911	1
PCB 60	722		9.40	452	0.79	0.917	1
PCB 80	ND	U	7.83	452			1
PCB 79	25.5	JK	8.22	452	0.62	0.971	1
PCB 78	ND	U	9.32	452			1
PCB 81	8.86	J	7.65	452	0.84	1.000	1
PCB 77	297	J	10.9	452	0.81	1.000	1
PCB 104	ND	U	2.34	452			1
PCB 96	13.0	J	1.68	452	1.41	1.015	1
PCB 103	10.1	J	2.03	452	1.46	1.084	1
PCB 94	7.55	JK	2.53	452	1.80	1.093	1
PCB 95	1700	B	2.22	452	1.54	1.109	1
PCBs 93 + 100	16.5	J	2.34	452	1.39	1.117	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-03-1
Lab Code: K1013433-016

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.534g
Data File Name: U224771
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1006
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	60.4	J	2.29	452	1.54	1.122	1
PCBs 88 + 91	181	BJ	2.32	452	1.52	1.141	1
PCB 84	366	BJ	2.57	452	1.52	1.150	1
PCB 89	23.5	J	2.46	452	1.57	1.167	1
PCB 121	ND	U	3.67	452			1
PCB 92	465	B	5.25	452	1.55	0.861	1
PCBs 90 + 101 + 113	3470	B	4.50	904	1.58	0.877	1
PCBs 83 + 99	993	B	5.42	452	1.58	0.893	1
PCB 112	ND	U	3.80	904			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	1590	B	4.66	452	1.54	0.909	1
PCB 117	43.9	J	4.43	181	1.33	0.923	1
PCBs 85 + 116	343		4.31	181	1.49	0.925	1
PCBs 110 + 115	2970	B	4.06	904	1.57	0.930	1
PCB 82	236	J	6.18	452	1.62	0.938	1
PCB 111	ND	U	4.20	904			1
PCB 120	14.8	J	3.86	452	1.34	0.961	1
PCBs 108 + 124	138	J	27.0	904	1.49	0.991	1
PCB 107	192	J	24.2	904	1.49	0.997	1
PCB 123	48.0	J	21.0	452	1.40	1.000	1
PCB 106	ND	U	24.9	452			1
PCB 118	1830	B	20.3	452	1.59	1.001	1
PCB 122	37.1	J	28.9	452	1.40	1.010	1
PCB 114	58.6	JK	20.7	452	1.12	1.001	1
PCB 105	1160	B	21.8	181	1.59	1.000	1
PCB 127	ND	U	28.2	904			1
PCB 126	33.9	J	21.1	452	1.57	1.001	1
PCB 155	ND	U	2.18	904			1
PCB 152	1.47	J	1.22	904	1.24	1.008	1
PCB 150	8.91	J	1.34	904	1.22	1.013	1
PCB 136	740	B	1.28	181	1.25	1.027	1
PCB 145	ND	U	1.40	904			1
PCB 148	2.30	JK	1.76	904	0.98	1.078	1
PCBs 135 + 151	2830	B	1.91	452	1.26	1.100	1
PCB 154	32.3	J	1.60	452	1.40	1.106	1
PCB 144	412	J	1.79	452	1.24	1.115	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-03-1
Lab Code: K1013433-016

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.534g
Data File Name: U224771
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1006
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	7790	B	6.21	452	1.27	1.127	1
PCB 134	ND	U	7.57	452			1
PCB 143	289	J	6.41	452	1.26	1.133	1
PCBs 139 + 140	43.8	J	6.38	452	1.25	1.144	1
PCB 131	56.8	J	7.06	452	1.19	1.150	1
PCB 142	ND	U	7.21	904			1
PCB 132	2780	B	7.79	452	1.24	1.165	1
PCB 133	113	J	7.20	452	1.31	1.178	1
PCB 165	ND	U	5.80	904			1
PCB 146	1370		5.78	452	1.23	0.890	1
PCB 161	ND	U	5.17	904			1
PCBs 153 + 168	10700	B	5.58	452	1.25	0.904	1
PCB 141	2710		6.79	181	1.26	0.910	1
PCB 130	406	J	8.01	452	1.27	0.919	1
PCB 137	114	J	7.66	904	1.21	0.924	1
PCB 164	726		5.32	452	1.23	0.927	1
PCBs 129 + 138 + 163	8960	B	7.03	452	1.25	0.933	1
PCB 160	ND	U	5.36	452			1
PCB 158	941		5.05	181	1.26	0.942	1
PCBs 128 + 166	956		6.13	452	1.23	0.962	1
PCB 159	266	J	8.87	904	1.24	0.983	1
PCB 162	34.9	J	9.28	904	1.39	0.990	1
PCB 167	359	J	6.54	452	1.26	1.001	1
PCBs 156 + 157	739		8.63	452	1.24	1.000	1
PCB 169	24.2	J	7.28	452	1.27	0.999	1
PCB 188	ND	U	1.69	452			1
PCB 179	1830		1.29	452	1.05	1.010	1
PCB 184	ND	U	1.32	904			1
PCB 176	582	J	1.31	904	1.05	1.033	1
PCB 186	ND	U	1.45	904			1
PCB 178	1050		2.02	452	1.04	1.081	1
PCB 175	234	J	1.93	904	1.03	1.097	1
PCB 187	5820		1.57	452	1.04	1.104	1
PCB 182	20.8	J	1.88	904	1.16	1.109	1
PCB 183	3980		20.4	904	1.03	1.120	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-03-1
Lab Code: K1013433-016

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.534g
Data File Name: U224771
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1006
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	879	J	25.4	904	1.16	1.122	1
PCB 174	7190		22.6	452	1.05	1.127	1
PCB 177	3940		24.3	452	1.06	1.138	1
PCB 181	ND	U	24.8	904			1
PCBs 171 + 173	2230		26.0	904	1.03	1.154	1
PCB 172	1540		29.0	904	1.09	0.903	1
PCB 192	ND	U	24.3	904			1
PCBs 180 + 193	21200		24.1	452	1.04	0.915	1
PCB 191	442	J	23.1	904	1.08	0.923	1
PCB 170	9610		33.7	452	1.05	0.940	1
PCB 190	2060		23.9	452	1.08	0.950	1
PCB 189	212	J	14.6	452	1.01	1.000	1
PCB 202	533	J	2.32	904	0.89	1.001	1
PCB 201	351	J	1.87	904	0.91	1.022	1
PCB 204	ND	U	1.96	904			1
PCB 197	102	J	2.00	904	0.93	1.042	1
PCB 200	365	J	1.90	904	0.89	1.044	1
PCBs 198 + 199	4150		3.46	452	0.88	1.108	1
PCB 196	2060		3.29	904	0.93	0.920	1
PCB 203	2710		3.32	904	0.90	0.924	1
PCB 195	1810		3.72	904	0.89	0.948	1
PCB 194	5000		3.88	452	0.90	0.992	1
PCB 205	167	J	1.99	904	0.99	1.000	1
PCB 208	146	J	1.85	904	0.82	1.000	1
PCB 207	93.7	J	1.79	904	0.82	1.019	1
PCB 206	797	J	3.57	904	0.78	1.001	1
PCB 209	76.3	J	2.16	452	1.16	1.000	1
Total MonoCB	514		6.06	181			1
Total DiCB	3200		31.4	452			1
Total TriCB	10100		3.46	452			1
Total TetraCB	14100		2.26	452			1
Total PentaCB	16000		1.68	904			1
Total HexaCB	43400		1.22	904			1
Total HeptaCB	62800		1.29	904			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-03-1
Lab Code: K1013433-016

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.534g
Data File Name: U224771
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1006
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	17300	1.87	904			1
Total NonaCB	1040	1.79	904			1
Total PCBs	168000	1.22	904			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-RO-03-1
Lab Code: K1013433-016

Service Request: K1013433
Date Collected: 12/ 1/10
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.534g
Data File Name: U224771
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1006
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	7974.448	80		15-150	3.23	0.720
PCB 3L	10000	7525.696	75		15-150	3.47	0.849
PCB 4L	10000	6310.018	63		25-150	1.59	0.863
PCB 15L	10000	8669.411	87		25-150	1.64	1.188
PCB 19L	10000	5952.791	60		25-150	1.08	1.044
PCB 37L	10000	9276.334	93		25-150	1.11	1.083
PCB 54L	10000	5059.903	51		25-150	0.79	0.831
PCB 81L	10000	10082.561	101		25-150	0.80	1.341
PCB 77L	10000	10572.694	106		25-150	0.81	1.370
PCB 104L	10000	5455.424	55		25-150	1.57	0.822
PCB 123L	10000	8658.895	87		25-150	1.62	1.142
PCB 118L	10000	8464.013	85		25-150	1.59	1.151
PCB 114L	10000	8508.939	85		25-150	1.62	1.166
PCB 105L	10000	9302.412	93		25-150	1.60	1.187
PCB 126L	10000	10701.579	107		25-150	1.59	1.280
PCB 155L	10000	5403.963	54		25-150	1.25	0.797
PCB 167L	10000	7840.429	78		25-150	1.27	1.073
PCBs 156L + 157L	20000	16926.336	85		25-150	1.28	1.101
PCB 169L	10000	9246.997	92		25-150	1.28	1.179
PCB 188L	10000	4697.889	47		25-150	1.05	0.726
PCB 189L	10000	6492.901	65		25-150	1.05	0.961
PCB 202L	10000	5025.998	50		25-150	0.89	0.827
PCB 205L	10000	7578.194	76		25-150	0.91	1.009
PCB 208L	10000	6321.064	63		25-150	0.78	0.951
PCB 206L	10000	6101.012	61		25-150	0.77	1.041
PCB 209L	10000	5109.397	51		25-150	1.19	1.071
PCB 28L	10000	7979.266	80		30-135	1.11	0.931
PCB 111L	10000	7140.051	71		30-135	1.58	1.084
PCB 178L	10000	4789.836	48		30-135	1.05	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-2
Lab Code: K1013433-017

Service Request: K1013433
Date Collected: 12/ 1/10 1100
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.345g
Data File Name: U224772
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1114
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	1210		5.02	187	3.17	1.001	1
PCB 2	561		6.36	9.35	3.11	0.989	1
PCB 3	1220		7.59	187	3.21	1.001	1
PCB 4	1920		180	468	1.49	1.001	1
PCB 10	ND	U	68.9	68.9			1
PCB 9	884		77.7	77.7	1.34	1.151	1
PCB 7	198	K	77.1	77.1	1.13	1.156	1
PCB 6	1700		75.3	75.3	1.45	1.167	1
PCB 5	237	K	89.5	89.5	1.84	1.184	1
PCB 8	5190		70.8	468	1.57	1.192	1
PCB 14	ND	U	75.2	93.5			1
PCB 11	2450	B	74.3	187	1.61	0.972	1
PCBs 12 + 13	1720		79.2	93.5	1.52	0.986	1
PCB 15	3670		34.5	468	1.60	1.001	1
PCB 19	475		9.76	93.5	1.01	1.001	1
PCBs 18 + 30	4270	B	6.37	468	1.06	1.096	1
PCB 17	1670	B	7.31	187	1.06	1.117	1
PCB 27	276		5.24	187	1.08	1.128	1
PCB 24	80.4	J	5.83	187	0.99	1.135	1
PCB 16	2070	B	9.28	93.5	1.06	1.142	1
PCB 32	1300	B	4.92	187	1.05	1.168	1
PCB 34	32.5	J	4.42	187	1.03	1.234	1
PCB 23	21.3	JK	4.80	187	0.86	1.242	1
PCBs 26 + 29	1900		4.28	187	1.07	1.259	1
PCB 25	654		3.80	187	1.06	0.839	1
PCB 31	10000	B	4.10	468	1.04	0.850	1
PCBs 20 + 28	11100	B	4.67	468	1.04	0.860	1
PCBs 21 + 33	5400	B	4.18	187	1.05	0.869	1
PCB 22	4720	B	4.79	187	1.05	0.882	1
PCB 36	29.0	J	4.27	187	1.15	0.936	1
PCB 39	ND	U	4.25	187			1
PCB 38	ND	U	4.34	187			1
PCB 35	501		4.46	187	1.05	0.986	1
PCB 37	4140	B	4.29	468	1.05	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-2
Lab Code: K1013433-017

Service Request: K1013433
Date Collected: 12/ 1/10 1100
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.345g
Data File Name: U224772
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1114
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	13.7	J	5.28	468	0.75	1.002	1
PCBs 50 + 53	870		3.86	187	0.79	1.098	1
PCBs 45 + 51	1130	B	3.96	187	0.79	1.129	1
PCB 46	407		4.42	187	0.84	1.144	1
PCB 52	7870	B	3.63	468	0.79	1.208	1
PCBs 43 + 73	283	J	3.63	468	0.82	1.218	1
PCBs 49 + 69	3990	B	3.21	468	0.79	1.230	1
PCB 48	1760	B	3.96	187	0.78	1.242	1
PCBs 44 + 47 + 65	7560	B	3.49	468	0.79	1.254	1
PCBs 59 + 62 + 75	714		2.90	187	0.80	1.268	1
PCB 42	2140	B	3.94	187	0.79	1.277	1
PCBs 41 + 71 + 40	5040	B	3.86	468	0.77	1.301	1
PCB 64	3780	B	2.69	187	0.77	1.311	1
PCB 72	53.6	JK	2.69	468	0.55	0.833	1
PCB 68	ND	U	2.86	468			1
PCB 57	31.4	J	2.85	468	0.78	0.854	1
PCB 58	ND	U	2.96	468			1
PCB 67	267	J	2.50	468	0.78	0.865	1
PCB 63	378	J	2.67	468	0.79	0.873	1
PCBs 70 + 61 + 74 + 76	17000	B	2.81	468	0.78	0.882	1
PCB 66	9120	B	2.66	468	0.78	0.892	1
PCB 55	202	J	3.17	468	0.76	0.896	1
PCB 56	6050	B	37.3	187	0.79	0.912	1
PCB 60	4060		38.7	468	0.77	0.917	1
PCB 80	ND	U	32.2	468			1
PCB 79	155	J	33.8	468	0.80	0.972	1
PCB 78	ND	U	38.4	468			1
PCB 81	76.9	J	33.9	468	0.80	1.000	1
PCB 77	1820		37.3	468	0.78	1.000	1
PCB 104	ND	U	2.96	468			1
PCB 96	61.9	J	2.13	468	1.50	1.015	1
PCB 103	45.2	J	2.56	468	1.54	1.085	1
PCB 94	38.0	J	3.20	468	1.55	1.094	1
PCB 95	5900	B	2.80	468	1.55	1.110	1
PCBs 93 + 100	65.3	J	2.96	468	1.56	1.118	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-2
Lab Code: K1013433-017

Service Request: K1013433
Date Collected: 12/ 1/10 1100
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.345g
Data File Name: U224772
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1114
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	264	J	2.89	468	1.57	1.123	1
PCBs 88 + 91	813	B	2.93	468	1.55	1.142	1
PCB 84	1620	B	3.24	468	1.56	1.151	1
PCB 89	133	J	3.11	468	1.47	1.167	1
PCB 121	ND	U	4.46	468			1
PCB 92	1700	B	6.38	468	1.55	0.862	1
PCBs 90 + 101 + 113	12100	B	5.47	935	1.56	0.878	1
PCBs 83 + 99	4470	B	6.59	468	1.57	0.893	1
PCB 112	ND	U	4.62	935			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	6940	B	5.66	468	1.58	0.909	1
PCB 117	265		5.39	187	1.41	0.924	1
PCBs 85 + 116	1530		5.23	187	1.56	0.926	1
PCBs 110 + 115	12100	B	4.93	935	1.56	0.930	1
PCB 82	1200		7.50	468	1.59	0.939	1
PCB 111	ND	U	5.10	935			1
PCB 120	59.8	JK	4.69	468	1.84	0.961	1
PCBs 108 + 124	594	J	63.4	935	1.55	0.991	1
PCB 107	986		56.7	935	1.57	0.997	1
PCB 123	220	J	49.3	468	1.56	1.000	1
PCB 106	ND	U	58.4	468			1
PCB 118	9050	B	47.4	468	1.58	1.000	1
PCB 122	230	J	67.8	468	1.69	1.010	1
PCB 114	362	J	48.6	468	1.38	1.001	1
PCB 105	5420	B	50.8	187	1.57	1.000	1
PCB 127	ND	U	66.1	935			1
PCB 126	192	J	49.6	468	1.70	1.000	1
PCB 155	ND	U	2.09	935			1
PCB 152	5.43	JK	1.25	935	0.63	1.008	1
PCB 150	39.5	J	1.38	935	1.29	1.013	1
PCB 136	2040	B	1.31	187	1.26	1.026	1
PCB 145	ND	U	1.44	935			1
PCB 148	12.9	J	1.81	935	1.32	1.079	1
PCBs 135 + 151	7860	B	1.96	468	1.23	1.097	1
PCB 154	161	J	1.65	468	1.19	1.105	1
PCB 144	1140		1.84	468	1.24	1.114	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-2
Lab Code: K1013433-017

Service Request: K1013433
Date Collected: 12/ 1/10 1100
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.345g
Data File Name: U224772
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1114
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	22600	B	25.1	468	1.26	1.125	1
PCB 134	1090		30.6	468	1.28	1.132	1
PCB 143	ND	U	26.0	468			1
PCBs 139 + 140	166	J	25.8	468	1.24	1.143	1
PCB 131	175	J	28.6	468	1.39	1.150	1
PCB 142	ND	U	29.2	935			1
PCB 132	8050	B	31.5	468	1.24	1.164	1
PCB 133	353	J	29.1	468	1.22	1.178	1
PCB 165	ND	U	23.5	935			1
PCB 146	4160		23.4	468	1.26	0.890	1
PCB 161	ND	U	21.0	935			1
PCBs 153 + 168	30800	B	22.6	468	1.25	0.904	1
PCB 141	7640		27.5	187	1.24	0.909	1
PCB 130	1300		32.4	468	1.23	0.919	1
PCB 137	390	JK	31.0	935	1.46	0.923	1
PCB 164	2140		21.5	468	1.22	0.926	1
PCBs 129 + 138 + 163	34800	B	28.4	468	1.26	0.933	1
PCB 160	ND	U	21.7	468			1
PCB 158	3000		20.4	187	1.26	0.942	1
PCBs 128 + 166	2940		24.8	468	1.27	0.962	1
PCB 159	739	J	24.7	935	1.27	0.983	1
PCB 162	167	J	25.8	935	1.38	0.990	1
PCB 167	1200		18.4	468	1.24	1.001	1
PCBs 156 + 157	2580		25.0	468	1.28	1.000	1
PCB 169	77.6	J	20.5	468	1.36	1.000	1
PCB 188	ND	U	2.04	468			1
PCB 179	4700		1.59	468	1.05	1.010	1
PCB 184	ND	U	1.63	935			1
PCB 176	1480		1.62	935	1.03	1.033	1
PCB 186	ND	U	1.79	935			1
PCB 178	2880		2.50	468	1.04	1.080	1
PCB 175	659	J	2.38	935	1.07	1.096	1
PCB 187	15600		1.94	468	1.04	1.103	1
PCB 182	91.7	J	2.32	935	1.17	1.108	1
PCB 183	10400		51.9	935	1.06	1.119	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-2
Lab Code: K1013433-017

Service Request: K1013433
Date Collected: 12/ 1/10 1100
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.345g
Data File Name: U224772
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1114
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	2020	64.5	935	1.07	1.121	1
PCB 174	18900	57.5	468	1.06	1.126	1
PCB 177	11500	61.8	468	1.04	1.137	1
PCB 181	ND U	63.0	935			1
PCBs 171 + 173	5890	66.2	935	1.06	1.153	1
PCB 172	4220	73.9	935	1.05	0.902	1
PCB 192	ND U	61.7	935			1
PCBs 180 + 193	55700 E	61.3	468	1.05	0.915	1
PCB 191	1150	58.8	935	1.05	0.922	1
PCB 170	25700	85.6	468	1.04	0.940	1
PCB 190	5560	60.8	468	1.05	0.950	1
PCB 189	583	38.3	468	1.03	1.000	1
PCB 202	1330	3.10	935	0.91	1.000	1
PCB 201	900 J	2.52	935	0.92	1.021	1
PCB 204	ND U	2.64	935			1
PCB 197	275 J	2.69	935	0.90	1.042	1
PCB 200	922 J	2.56	935	0.89	1.044	1
PCBs 198 + 199	11400	4.67	468	0.89	1.108	1
PCB 196	5480	4.44	935	0.90	0.920	1
PCB 203	7070	4.48	935	0.90	0.924	1
PCB 195	4790	5.02	935	0.90	0.948	1
PCB 194	13300	5.24	468	0.90	0.992	1
PCB 205	459 J	2.72	935	0.91	1.000	1
PCB 208	343 J	1.86	935	0.74	1.001	1
PCB 207	252 J	1.74	935	0.79	1.019	1
PCB 206	2100	3.51	935	0.79	1.000	1
PCB 209	642	2.70	468	1.15	1.000	1
Total MonoCB	2990	5.02	187			1
Total DiCB	18000	34.5	468			1
Total TriCB	48600	3.80	468			1
Total TetraCB	74800	2.50	468			1
Total PentaCB	66300	2.13	935			1
Total HexaCB	136000	1.25	935			1
Total HeptaCB	167000	1.59	935			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-2
Lab Code: K1013433-017

Service Request: K1013433
Date Collected: 12/ 1/10 1100
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.345g
Data File Name: U224772
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1114
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	46000	2.52	935			1
Total NonaCB	2690	1.74	935			1
Total PCBs	563000	1.25	935			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-2
Lab Code: K1013433-017

Service Request: K1013433
Date Collected: 12/ 1/10 1100
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.345g
Data File Name: U224772
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1114
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	6365.501	64		15-150	3.18	0.730
PCB 3L	10000	6557.097	66		15-150	3.21	0.855
PCB 4L	10000	5623.612	56		25-150	1.54	0.870
PCB 15L	10000	7522.117	75		25-150	1.65	1.202
PCB 19L	10000	5474.761	55		25-150	1.07	1.052
PCB 37L	10000	8825.025	88		25-150	1.04	1.083
PCB 54L	10000	4685.473	47		25-150	0.81	0.829
PCB 81L	10000	10185.204	102		25-150	0.81	1.340
PCB 77L	10000	10532.609	105		25-150	0.80	1.365
PCB 104L	10000	4707.460	47		25-150	1.59	0.822
PCB 123L	10000	7682.556	77		25-150	1.56	1.140
PCB 118L	10000	7669.167	77		25-150	1.63	1.150
PCB 114L	10000	7657.141	77		25-150	1.59	1.165
PCB 105L	10000	8087.124	81		25-150	1.59	1.186
PCB 126L	10000	9295.813	93		25-150	1.59	1.279
PCB 155L	10000	4424.297	44		25-150	1.25	0.797
PCB 167L	10000	5897.768	59		25-150	1.28	1.073
PCBs 156L + 157L	20000	12763.431	64		25-150	1.29	1.101
PCB 169L	10000	6784.127	68		25-150	1.27	1.180
PCB 188L	10000	4679.614	47		25-150	1.03	0.725
PCB 189L	10000	6004.202	60		25-150	1.04	0.961
PCB 202L	10000	4816.141	48		25-150	0.89	0.827
PCB 205L	10000	6997.589	70		25-150	0.89	1.009
PCB 208L	10000	5849.265	58		25-150	0.80	0.951
PCB 206L	10000	5674.727	57		25-150	0.79	1.041
PCB 209L	10000	4822.777	48		25-150	1.18	1.071
PCB 28L	10000	6993.351	70		30-135	1.07	0.931
PCB 111L	10000	6507.220	65		30-135	1.55	1.082
PCB 178L	10000	3727.111	37		30-135	1.06	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-2
Lab Code: K1013433-017

Service Request: K1013433
Date Collected: 12/ 1/10 1100
Date Received: 12/ 3/10
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.345g
Data File Name: U224776
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1600
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 180 + 193	77800	259	4680	1.01	0.915	10
Total HeptaCB	77800	140	9350			10
Total PCBs	77800	140	9350			10

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	15600	9120.777	58		15-150	3.17	0.745
PCB 3L	15200	8884.473	59		15-150	3.14	0.871
PCB 4L	17900	8679.483	49		25-150	1.52	0.886
PCB 15L	13300	9474.215	71		25-150	1.62	1.228
PCB 19L	18200	8617.602	47		25-150	1.00	1.066
PCB 37L	11400	10709.197	94		25-150	1.05	1.084
PCB 54L	21300	9987.579	47		25-150	0.77	0.826
PCB 81L	15900	8942.879	56		25-150	0.75	1.341
PCB 77L	15900	8960.758	56		25-150	0.77	1.363
PCB 104L	21300	10178.141	48		25-150	1.56	0.821
PCB 123L	13000	8775.890	68		25-150	1.58	1.140
PCB 118L	13000	9256.596	71		25-150	1.58	1.150
PCB 114L	13000	8866.803	68		25-150	1.59	1.166
PCB 105L	12300	9386.591	76		25-150	1.67	1.186
PCB 126L	10800	10708.278	100		25-150	1.60	1.279
PCB 155L	22700	9104.461	40		25-150	1.25	0.798
PCB 167L	16900	8098.010	48		25-150	1.25	1.073
PCBs 156L + 157L	31300	17275.475	55		25-150	1.31	1.102
PCB 169L	14700	8920.946	61		25-150	1.27	1.180
PCB 188L	21300	8099.662	38		25-150	1.05	0.725
PCB 189L	16700	8870.947	53		25-150	1.05	0.961
PCB 202L	20800	8014.554	38		25-150	0.89	0.826
PCB 205L	14300	10112.080	71		25-150	0.93	1.009
PCB 208L	17200	9212.442	53		25-150	0.80	0.951
PCB 206L	17500	8669.152	49		25-150	0.76	1.042
PCB 209L	20800	7564.962	36		25-150	1.16	1.071
PCB 28L	14300	704.255	5	Y	30-135	0.91	0.930

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: USEN-E/W-06-2
Lab Code: K1013433-017

Service Request: K1013433
Date Collected: 12/ 1/10 1100
Date Received: 12/ 3/10
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.345g
Data File Name: U224776
ICAL Date: 10/19/09

Date Analyzed: 1/17/11 1600
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224769

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 111L	15400	616.530	4	Y	30-135	1.47	1.080
PCB 178L	27000	425.934	2	Y	30-135	1.09	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: Method Blank
Lab Code: EQ1100013-01

Service Request: K1013433
Date Collected: NA
Date Received: NA
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.000g
Data File Name: U224749
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2016
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	ND U	1.32	200			1
PCB 2	ND U	1.77	10.0			1
PCB 3	ND U	1.92	200			1
PCB 4	ND U	41.9	500			1
PCB 10	ND U	24.3	50.0			1
PCB 9	ND U	7.18	50.0			1
PCB 7	ND U	6.90	50.0			1
PCB 6	ND U	6.68	50.0			1
PCB 5	ND U	7.95	50.0			1
PCB 8	ND U	6.16	500			1
PCB 14	ND U	6.66	100			1
PCB 11	156 J	6.77	200	1.65	0.971	1
PCBs 12 + 13	ND U	6.88	100			1
PCB 15	ND U	5.97	500			1
PCB 19	ND U	3.17	100			1
PCBs 18 + 30	10.2 J	3.16	500	1.11	1.099	1
PCB 17	4.52 JK	3.70	200	0.76	1.119	1
PCB 27	ND U	2.62	200			1
PCB 24	ND U	2.92	200			1
PCB 16	4.77 J	4.32	100	1.11	1.145	1
PCB 32	4.38 J	2.47	200	1.01	1.172	1
PCB 34	ND U	2.42	200			1
PCB 23	ND U	2.50	200			1
PCBs 26 + 29	ND U	2.25	200			1
PCB 25	ND U	2.03	200			1
PCB 31	14.1 J	2.21	500	1.10	0.849	1
PCBs 20 + 28	19.3 J	2.38	500	1.06	0.859	1
PCBs 21 + 33	9.52 JK	2.27	200	0.86	0.868	1
PCB 22	6.56 J	2.56	200	1.14	0.882	1
PCB 36	ND U	2.20	200			1
PCB 39	ND U	2.27	200			1
PCB 38	ND U	2.27	200			1
PCB 35	ND U	2.35	200			1
PCB 37	5.69 J	2.62	500	1.13	1.001	1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: Method Blank
Lab Code: EQ1100013-01

Service Request: K1013433
Date Collected: NA
Date Received: NA
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.000g
Data File Name: U224749
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2016
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 54	ND	U	1.38	500			1
PCBs 50 + 53	ND	U	1.77	200			1
PCBs 45 + 51	3.62	J	1.84	200	0.82	1.131	1
PCB 46	ND	U	2.02	200			1
PCB 52	25.3	J	1.64	500	0.73	1.210	1
PCBs 43 + 73	ND	U	1.66	500			1
PCBs 49 + 69	8.10	J	1.45	500	0.87	1.233	1
PCB 48	2.56	J	1.74	200	0.72	1.245	1
PCBs 44 + 47 + 65	20.4	J	1.57	500	0.82	1.257	1
PCBs 59 + 62 + 75	ND	U	1.30	200			1
PCB 42	2.65	J	1.72	200	0.76	1.281	1
PCBs 41 + 71 + 40	6.83	J	1.72	500	0.77	1.304	1
PCB 64	7.07	J	1.23	200	0.79	1.314	1
PCB 72	ND	U	1.21	500			1
PCB 68	ND	U	1.24	500			1
PCB 57	ND	U	1.25	500			1
PCB 58	ND	U	1.27	500			1
PCB 67	ND	U	1.12	500			1
PCB 63	ND	U	1.16	500			1
PCBs 70 + 61 + 74 + 76	24.0	J	1.24	500	0.66	0.883	1
PCB 66	10.9	J	1.18	500	0.70	0.892	1
PCB 55	ND	U	1.37	500			1
PCB 56	3.80	JK	1.93	200	1.21	0.911	1
PCB 60	ND	U	1.94	500			1
PCB 80	ND	U	1.65	500			1
PCB 79	ND	U	1.61	500			1
PCB 78	ND	U	1.81	500			1
PCB 81	ND	U	2.05	500			1
PCB 77	ND	U	2.14	500			1
PCB 104	ND	U	1.26	500			1
PCB 96	ND	U	1.46	500			1
PCB 103	ND	U	1.70	500			1
PCB 94	ND	U	2.11	500			1
PCB 95	21.2	J	1.83	500	1.45	1.110	1
PCBs 93 + 100	ND	U	1.97	500			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: Method Blank
Lab Code: EQ1100013-01

Service Request: K1013433
Date Collected: NA
Date Received: NA
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.000g
Data File Name: U224749
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2016
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 98 + 102	ND	U	1.86	500			1
PCBs 88 + 91	3.86	J	1.92	500	1.51	1.142	1
PCB 84	7.65	J	2.08	500	1.39	1.151	1
PCB 89	ND	U	1.98	500			1
PCB 121	ND	U	1.51	500			1
PCB 92	3.72	JK	1.99	500	2.25	0.862	1
PCBs 90 + 101 + 113	22.8	J	1.76	1000	1.67	0.877	1
PCBs 83 + 99	13.1	J	2.07	500	1.73	0.893	1
PCB 112	ND	U	1.39	1000			1
PCBs 86 + 87 + 97 + 109 + 119 + 125	15.5	J	1.71	500	1.37	0.909	1
PCB 117	ND	U	1.66	200			1
PCBs 85 + 116	ND	U	1.59	200			1
PCBs 110 + 115	24.9	J	1.46	1000	1.56	0.930	1
PCB 82	ND	U	2.15	500			1
PCB 111	ND	U	1.53	1000			1
PCB 120	ND	U	1.37	500			1
PCBs 108 + 124	ND	U	2.64	1000			1
PCB 107	ND	U	2.32	1000			1
PCB 123	ND	U	2.34	500			1
PCB 106	ND	U	2.21	500			1
PCB 118	15.3	J	2.24	500	1.51	1.000	1
PCB 122	ND	U	2.55	500			1
PCB 114	ND	U	2.27	500			1
PCB 105	6.20	J	2.42	200	1.40	1.001	1
PCB 127	ND	U	2.49	1000			1
PCB 126	ND	U	2.37	500			1
PCB 155	ND	U	1.12	1000			1
PCB 152	ND	U	1.10	1000			1
PCB 150	ND	U	1.19	1000			1
PCB 136	2.69	J	1.13	200	1.37	1.025	1
PCB 145	ND	U	1.22	1000			1
PCB 148	ND	U	1.48	1000			1
PCBs 135 + 151	4.17	JK	1.54	500	1.46	1.096	1
PCB 154	ND	U	1.29	500			1
PCB 144	ND	U	1.46	500			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: Method Blank
Lab Code: EQ1100013-01

Service Request: K1013433
Date Collected: NA
Date Received: NA
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.000g
Data File Name: U224749
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2016
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCBs 147 + 149	10.2	J	1.64	500	1.18	1.125	1
PCB 134	ND	U	2.01	500			1
PCB 143	ND	U	1.63	500			1
PCBs 139 + 140	ND	U	1.63	500			1
PCB 131	ND	U	1.78	500			1
PCB 142	ND	U	1.82	1000			1
PCB 132	3.99	JK	1.91	500	1.64	1.164	1
PCB 133	ND	U	1.76	500			1
PCB 165	ND	U	1.42	1000			1
PCB 146	ND	U	1.46	500			1
PCB 161	ND	U	1.26	1000			1
PCBs 153 + 168	8.53	J	1.40	500	1.19	0.904	1
PCB 141	ND	U	1.64	200			1
PCB 130	ND	U	1.88	500			1
PCB 137	ND	U	1.71	1000			1
PCB 164	ND	U	1.33	500			1
PCBs 129 + 138 + 163	12.5	JK	1.60	500	1.55	0.933	1
PCB 160	ND	U	1.39	500			1
PCB 158	ND	U	1.18	200			1
PCBs 128 + 166	ND	U	1.51	500			1
PCB 159	ND	U	2.33	1000			1
PCB 162	ND	U	2.42	1000			1
PCB 167	ND	U	2.03	500			1
PCBs 156 + 157	ND	U	2.87	500			1
PCB 169	ND	U	2.46	500			1
PCB 188	ND	U	1.57	500			1
PCB 179	ND	U	1.39	500			1
PCB 184	ND	U	1.46	1000			1
PCB 176	ND	U	1.45	1000			1
PCB 186	ND	U	1.57	1000			1
PCB 178	ND	U	2.04	500			1
PCB 175	ND	U	1.93	1000			1
PCB 187	ND	U	1.85	500			1
PCB 182	ND	U	1.87	1000			1
PCB 183	ND	U	4.27	1000			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: Method Blank
Lab Code: EQ1100013-01

Service Request: K1013433
Date Collected: NA
Date Received: NA
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.000g
Data File Name: U224749
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2016
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 185	ND	U	4.20	1000			1
PCB 174	ND	U	4.25	500			1
PCB 177	ND	U	4.50	500			1
PCB 181	ND	U	4.49	1000			1
PCBs 171 + 173	ND	U	4.58	1000			1
PCB 172	ND	U	4.66	1000			1
PCB 192	ND	U	3.89	1000			1
PCBs 180 + 193	ND	U	3.81	500			1
PCB 191	ND	U	3.49	1000			1
PCB 170	ND	U	4.94	500			1
PCB 190	ND	U	3.25	500			1
PCB 189	ND	U	3.48	500			1
PCB 202	ND	U	2.90	1000			1
PCB 201	ND	U	2.63	1000			1
PCB 204	ND	U	2.66	1000			1
PCB 197	ND	U	2.62	1000			1
PCB 200	ND	U	2.74	1000			1
PCBs 198 + 199	ND	U	3.88	500			1
PCB 196	ND	U	3.66	1000			1
PCB 203	ND	U	3.65	1000			1
PCB 195	ND	U	3.91	1000			1
PCB 194	ND	U	3.88	500			1
PCB 205	ND	U	3.03	1000			1
PCB 208	ND	U	3.43	1000			1
PCB 207	ND	U	3.28	1000			1
PCB 206	ND	U	2.78	1000			1
PCB 209	ND	U	2.32	500			1
Total MonoCB	ND	U	1.32	200			1
Total DiCB	156	J	5.97	500			1
Total TriCB	79.1	J	2.03	500			1
Total TetraCB	115	J	1.12	500			1
Total PentaCB	134	J	1.26	1000			1
Total HexaCB	42.1	J	1.10	1000			1
Total HeptaCB	ND	U	1.39	1000			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: Method Blank
Lab Code: EQ1100013-01

Service Request: K1013433
Date Collected: NA
Date Received: NA
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.000g
Data File Name: U224749
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2016
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total OctaCB	ND U	2.62	1000			1
Total NonaCB	ND U	2.78	1000			1
Total PCBs	527 J	1.10	1000			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: Method Blank
Lab Code: EQ1100013-01

Service Request: K1013433
Date Collected: NA
Date Received: NA
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.000g
Data File Name: U224749
ICAL Date: 10/19/09

Date Analyzed: 1/14/11 2016
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224747

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	5135.606	51		15-150	2.97	0.741
PCB 3L	10000	5047.159	50		15-150	3.15	0.868
PCB 4L	10000	4941.242	49		25-150	1.58	0.883
PCB 15L	10000	5255.314	53		25-150	1.54	1.220
PCB 19L	10000	5294.368	53		25-150	1.03	1.064
PCB 37L	10000	5871.043	59		25-150	1.04	1.084
PCB 54L	10000	4284.107	43		25-150	0.82	0.827
PCB 81L	10000	5977.920	60		25-150	0.77	1.341
PCB 77L	10000	6184.705	62		25-150	0.79	1.362
PCB 104L	10000	4575.440	46		25-150	1.59	0.822
PCB 123L	10000	5695.205	57		25-150	1.54	1.140
PCB 118L	10000	5677.000	57		25-150	1.54	1.150
PCB 114L	10000	5606.407	56		25-150	1.56	1.166
PCB 105L	10000	5967.651	60		25-150	1.56	1.186
PCB 126L	10000	6911.760	69		25-150	1.54	1.279
PCB 155L	10000	3719.785	37		25-150	1.26	0.798
PCB 167L	10000	4684.128	47		25-150	1.26	1.073
PCBs 156L + 157L	20000	9992.103	50		25-150	1.28	1.101
PCB 169L	10000	5044.640	50		25-150	1.27	1.180
PCB 188L	10000	4466.909	45		25-150	1.06	0.725
PCB 189L	10000	5718.861	57		25-150	1.05	0.961
PCB 202L	10000	4562.189	46		25-150	0.91	0.826
PCB 205L	10000	5811.609	58		25-150	0.91	1.009
PCB 208L	10000	4486.320	45		25-150	0.80	0.951
PCB 206L	10000	5824.750	58		25-150	0.79	1.041
PCB 209L	10000	4769.094	48		25-150	1.21	1.071
PCB 28L	10000	5355.527	54		30-135	1.01	0.930
PCB 111L	10000	5366.813	54		30-135	1.57	1.080
PCB 178L	10000	2752.849	28	Y	30-135	1.06	1.011



Accuracy and Precision

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COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil

Service Request: K1013433
Date Analyzed: 1/18/11

**Lab Control Sample Summary
 Chlorinated Biphenyl Congeners by HRGC/HRMS**

Analytical Method: 1668A
Prep Method: Method

Units: ng/Kg
Basis: Dry per method

Extraction Lot: 125707

Analyte Name	Lab Control Sample EQ1100013-02			Duplicate Lab Control Sample EQ1100013-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
PCB 1	1230	1000	123	1260	1000	126	50 - 150	2	50
PCB 3	1250	1000	125	1280	1000	128	50 - 150	2	50
PCB 4	1110	1000	111	1140	1000	114	50 - 150	3	50
PCB 15	1280	1000	128	1340	1000	134	50 - 150	5	50
PCB 19	1210	1000	121	1220	1000	122	50 - 150	<1	50
PCB 37	1240	1000	124	1250	1000	125	50 - 150	<1	50
PCB 54	1200	1000	120	1200	1000	120	50 - 150	<1	50
PCB 81	1240	1000	124	1260	1000	126	50 - 150	2	50
PCB 77	1230	1000	123	1260	1000	126	50 - 150	2	50
PCB 104	1070	1000	107	1090	1000	109	50 - 150	2	50
PCB 123	1210	1000	121	1240	1000	124	50 - 150	2	50
PCB 118	1180	1000	118	1190	1000	119	50 - 150	<1	50
PCB 114	1200	1000	120	1200	1000	120	50 - 150	<1	50
PCB 105	1260	1000	126	1260	1000	126	50 - 150	<1	50
PCB 126	1180	1000	118	1190	1000	119	50 - 150	<1	50
PCB 155	1100	1000	110	1120	1000	112	50 - 150	2	50
PCB 167	1240	1000	124	1260	1000	126	50 - 150	2	50
PCBs 156 + 157	2400	2000	120	2440	2000	122	50 - 150	2	50
PCB 169	1240	1000	124	1250	1000	125	50 - 150	<1	50
PCB 188	1110	1000	111	1140	1000	114	50 - 150	3	50
PCB 189	1250	1000	125	1270	1000	127	50 - 150	2	50
PCB 202	1180	1000	118	1210	1000	121	50 - 150	3	50
PCB 205	1090	1000	109	1120	1000	112	50 - 150	3	50
PCB 208	1160	1000	116	1190	1000	119	50 - 150	3	50
PCB 206	1170	1000	117	1200	1000	120	50 - 150	3	50
PCB 209	1340	1000	134	1400	1000	140	50 - 150	4	50

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: Lab Control Sample
Lab Code: EQ1100013-02

Service Request: K1013433
Date Collected: NA
Date Received: NA
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.000g
Data File Name: U224780
ICAL Date: 10/19/09

Date Analyzed: 1/18/11 1212
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224779

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	1230		2.97	200	3.15	1.000	1
PCB 3	1250		3.93	200	3.22	1.001	1
PCB 4	1110		18.7	500	1.54	1.002	1
PCB 15	1280		18.7	500	1.68	1.001	1
PCB 19	1210		4.56	100	1.00	1.002	1
PCB 37	1240		6.83	500	1.03	1.001	1
PCB 54	1200		1.97	500	0.77	1.001	1
PCB 81	1240		4.09	500	0.76	1.000	1
PCB 77	1230		4.22	500	0.76	1.001	1
PCB 104	1070		3.02	500	1.54	1.001	1
PCB 123	1210		7.93	500	1.59	1.000	1
PCB 118	1180		7.48	500	1.58	1.000	1
PCB 114	1200		7.78	500	1.59	1.000	1
PCB 105	1260		8.19	200	1.59	1.000	1
PCB 126	1180		7.98	500	1.62	1.001	1
PCB 155	1100		2.44	1000	1.24	1.001	1
PCB 167	1240		4.69	500	1.24	1.000	1
PCBs 156 + 157	2400		6.62	500	1.30	1.000	1
PCB 169	1240		6.00	500	1.28	1.000	1
PCB 188	1110		2.31	500	1.02	1.001	1
PCB 189	1250		4.46	500	1.09	1.000	1
PCB 202	1180		4.29	1000	0.88	1.001	1
PCB 205	1090		4.25	1000	0.89	1.000	1
PCB 208	1160		3.86	1000	0.77	1.000	1
PCB 206	1170		5.65	1000	0.79	1.001	1
PCB 209	1340		4.04	500	1.18	1.000	1
Total MonoCB	2470		2.97	200			1
Total DiCB	2380		18.7	500			1
Total TriCB	2450		4.56	500			1
Total TetraCB	3670		1.97	500			1
Total PentaCB	7100		3.02	1000			1

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: Lab Control Sample
Lab Code: EQ1100013-02

Service Request: K1013433
Date Collected: NA
Date Received: NA
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.000g
Data File Name: U224780
ICAL Date: 10/19/09

Date Analyzed: 1/18/11 1212
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224779

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total HexaCB	5980	2.44	1000			1
Total HeptaCB	2360	2.31	1000			1
Total OctaCB	2270	4.25	1000			1
Total NonaCB	2330	3.86	1000			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: Lab Control Sample
Lab Code: EQ1100013-02

Service Request: K1013433
Date Collected: NA
Date Received: NA
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.000g
Data File Name: U224780
ICAL Date: 10/19/09

Date Analyzed: 1/18/11 1212
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224779

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	3644.750	36		15-140	3.18	0.743
PCB 3L	10000	3642.384	36		15-140	3.25	0.869
PCB 4L	10000	3528.832	35		30-140	1.53	0.883
PCB 15L	10000	3713.158	37		30-140	1.59	1.223
PCB 19L	10000	3259.999	33		30-140	0.97	1.063
PCB 37L	10000	4412.334	44		30-140	1.08	1.084
PCB 54L	10000	3871.040	39		30-140	0.79	0.827
PCB 81L	10000	3954.401	40		30-140	0.79	1.341
PCB 77L	10000	4017.300	40		30-140	0.78	1.362
PCB 104L	10000	4762.869	48		30-140	1.55	0.821
PCB 123L	10000	4650.799	47		30-140	1.58	1.140
PCB 118L	10000	4657.733	47		30-140	1.58	1.150
PCB 114L	10000	4533.878	45		30-140	1.60	1.166
PCB 105L	10000	4869.671	49		30-140	1.61	1.186
PCB 126L	10000	5475.005	55		30-140	1.60	1.279
PCB 155L	10000	3055.280	31		30-140	1.22	0.798
PCB 167L	10000	3312.507	33		30-140	1.27	1.073
PCBs 156L + 157L	20000	7080.035	35		30-140	1.29	1.102
PCB 169L	10000	3625.626	36		30-140	1.24	1.180
PCB 188L	10000	3220.251	32		30-140	1.03	0.725
PCB 189L	10000	3799.191	38		30-140	1.07	0.961
PCB 202L	10000	3315.698	33		30-140	0.90	0.826
PCB 205L	10000	4357.402	44		30-140	0.90	1.009
PCB 208L	10000	3816.824	38		30-140	0.79	0.951
PCB 206L	10000	3482.444	35		30-140	0.77	1.041
PCB 209L	10000	2971.617	30		30-140	1.18	1.071
PCB 28L	10000	4112.440	41		40-125	1.05	0.930
PCB 111L	10000	3924.953	39	Y	40-125	1.58	1.080
PCB 178L	10000	3324.749	33	Y	40-125	1.05	1.011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: Duplicate Lab Control Sample
Lab Code: EQ1100013-03

Service Request: K1013433
Date Collected: NA
Date Received: NA
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.000g
Data File Name: U224781
ICAL Date: 10/19/09

Date Analyzed: 1/18/11 1320
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224779

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
PCB 1	1260	1.71	200	3.19	1.001	1
PCB 3	1280	2.92	200	3.19	1.001	1
PCB 4	1140	27.6	500	1.52	1.001	1
PCB 15	1340	7.03	500	1.57	1.001	1
PCB 19	1220	2.44	100	1.05	1.001	1
PCB 37	1250	2.01	500	1.05	1.001	1
PCB 54	1200	1.03	500	0.77	1.001	1
PCB 81	1260	1.69	500	0.80	1.000	1
PCB 77	1260	1.58	500	0.79	1.001	1
PCB 104	1090	0.938	500	1.52	1.001	1
PCB 123	1240	10.7	500	1.59	1.001	1
PCB 118	1190	10.5	500	1.58	1.000	1
PCB 114	1200	11.2	500	1.59	1.000	1
PCB 105	1260	11.3	200	1.58	1.001	1
PCB 126	1190	13.6	500	1.61	1.000	1
PCB 155	1120	0.766	1000	1.24	1.001	1
PCB 167	1260	2.23	500	1.25	1.000	1
PCBs 156 + 157	2440	3.10	500	1.26	1.000	1
PCB 169	1250	2.78	500	1.22	1.000	1
PCB 188	1140	1.29	500	1.05	1.000	1
PCB 189	1270	2.58	500	1.04	1.000	1
PCB 202	1210	1.65	1000	0.90	1.000	1
PCB 205	1120	1.94	1000	0.89	1.000	1
PCB 208	1190	2.00	1000	0.77	1.000	1
PCB 206	1200	2.65	1000	0.78	1.001	1
PCB 209	1400	1.77	500	1.18	1.001	1
Total MonoCB	2540	1.71	200			1
Total DiCB	2480	7.03	500			1
Total TriCB	2470	2.01	500			1
Total TetraCB	3730	1.03	500			1
Total PentaCB	7170	0.938	1000			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: Duplicate Lab Control Sample
Lab Code: EQ1100013-03

Service Request: K1013433
Date Collected: NA
Date Received: NA
Units: ng/Kg
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.000g
Data File Name: U224781
ICAL Date: 10/19/09

Date Analyzed: 1/18/11 1320
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224779

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total HexaCB	6080	0.766	1000			1
Total HeptaCB	2410	1.29	1000			1
Total OctaCB	2330	1.65	1000			1
Total NonaCB	2390	2.00	1000			1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Stantec Consulting Group, Inc.
Project: USEN/185702329.200.0001
Sample Matrix: Soil
Sample Name: Duplicate Lab Control Sample
Lab Code: EQ1100013-03

Service Request: K1013433
Date Collected: NA
Date Received: NA
Units: Percent
Basis: Dry per method

Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method
Sample Amount: 5.000g
Data File Name: U224781
ICAL Date: 10/19/09

Date Analyzed: 1/18/11 1320
Date Extracted: 1/11/11
Instrument Name: E-HRMS-02
GC Column: SPB-OCTYL
Blank File Name: U224749
Cal Ver. File Name: U224779

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	%Rec	Q	Control Limits	Ion Ratio	RRT
PCB 1L	10000	7370.899	74		15-140	3.11	0.731
PCB 3L	10000	7787.330	78		15-140	3.15	0.856
PCB 4L	10000	7354.931	74		30-140	1.54	0.871
PCB 15L	10000	8526.458	85		30-140	1.60	1.205
PCB 19L	10000	6929.718	69		30-140	1.01	1.055
PCB 37L	10000	9736.402	97		30-140	1.09	1.083
PCB 54L	10000	7624.312	76		30-140	0.79	0.829
PCB 81L	10000	9352.100	94		30-140	0.80	1.340
PCB 77L	10000	10084.414	101		30-140	0.80	1.362
PCB 104L	10000	7964.585	80		30-140	1.57	0.822
PCB 123L	10000	8463.259	85		30-140	1.61	1.140
PCB 118L	10000	8249.796	82		30-140	1.60	1.150
PCB 114L	10000	8016.211	80		30-140	1.61	1.166
PCB 105L	10000	8747.287	87		30-140	1.58	1.186
PCB 126L	10000	8112.962	81		30-140	1.61	1.279
PCB 155L	10000	6960.041	70		30-140	1.25	0.798
PCB 167L	10000	6005.254	60		30-140	1.28	1.073
PCBs 156L + 157L	20000	12572.878	63		30-140	1.28	1.101
PCB 169L	10000	6418.895	64		30-140	1.26	1.180
PCB 188L	10000	8140.648	81		30-140	1.05	0.726
PCB 189L	10000	7667.260	77		30-140	1.05	0.961
PCB 202L	10000	7788.261	78		30-140	0.89	0.827
PCB 205L	10000	8740.643	87		30-140	0.90	1.009
PCB 208L	10000	7840.338	78		30-140	0.79	0.951
PCB 206L	10000	6789.780	68		30-140	0.79	1.041
PCB 209L	10000	5863.765	59		30-140	1.20	1.071
PCB 28L	10000	9002.781	90		40-125	1.07	0.931
PCB 111L	10000	8188.357	82		40-125	1.56	1.081
PCB 178L	10000	6451.758	65		40-125	1.04	1.011



Chain of Custody

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Intra-Network Chain of Custody

1317 South 13th Avenue • Kelso, WA 98626 • 1-360-577-7222 • FAX 1-360-636-1068

CAS Contact: Lynda Huckestein

Project Name: USEN
Project Number: 185702329.200.0001
Project Manager: Patrick Vaughan
Company: Stantec Consulting Group, Inc.

Cl Biphen Cong
 1668A

Lab Code	Client Sample ID	# of Cont.	Matrix	Sample		Date Received	Send To	
				Date	Time			
K1013433-001	USEN-N/S-01-1	1	Soil	12/1/10		12/3/10	HOUSTON	III (H)
K1013433-002	USEN-N/S-02-1	1	Soil	12/1/10		12/3/10	HOUSTON	III (H)
K1013433-003	USEN-N/S-02-2	1	Soil	12/1/10		12/3/10	HOUSTON	III (H)
K1013433-004	USEN-N/S-03-1	1	Soil	12/1/10		12/3/10	HOUSTON	III (H)
K1013433-005	USEN-N/S-04-1	1	Soil	12/1/10		12/3/10	HOUSTON	III (H)
K1013433-006	USEN-N/S-04-2	1	Soil	12/1/10	1000	12/3/10	HOUSTON	III (H)
K1013433-007	USEN-N/S-05-1	1	Soil	12/1/10		12/3/10	HOUSTON	III (H)
K1013433-008	USEN-E/W-06-1	1	Soil	12/1/10		12/3/10	HOUSTON	III (H)
K1013433-009	USEN-E/W-07-1	1	Soil	12/1/10	1120	12/3/10	HOUSTON	III (H)
K1013433-010	USEN-E/W-08-1	1	Soil	12/1/10	1210	12/3/10	HOUSTON	III (H)
K1013433-011	USEN-E/W-09-1	1	Soil	12/1/10		12/3/10	HOUSTON	III (H)

Special Instructions/Comments Please provide the electronic (PDF and EDD) report to the following e-mail address: kelso_data@caslab.com 2 front seals bubble wrap, blue ice 2°C Open - 1017	Turnaround Requirements _____ RUSH (Surcharges Apply) PLEASE CIRCLE WORK DAYS 1 2 3 4 5 <input checked="" type="checkbox"/> STANDARD	Report Requirements <input type="checkbox"/> I. Results Only <input type="checkbox"/> II. Results + QC Summaries <input type="checkbox"/> III. Results + QC and Calibration Summaries <input checked="" type="checkbox"/> IV. Data Validation Report with Raw Data PQL/MDL/J <u> N </u> EDD <u> N </u>	Invoice Information PO# K1013433 Bill to	
	Requested FAX Date: _____ Requested Report Date: <u>12/31/10</u>			

Relinquished By: SA / 12/13/10 1130 Received By: Cindy Demer 12/14/10 1010 Airbill Number: 1797310590148217944
185

Intra-Network Chain of Custody

1317 South 13th Avenue • Kelso, WA 98626 • 1-360-577-7222 • FAX 1-360-636-1068

CAS Contact: Lynda Huckestein

Project Name: USEN
Project Number: 185702329.200.0001
Project Manager: Patrick Vaughan
Company: Stantec Consulting Group, Inc.

CI Biphem Cong
 1668A

Lab Code	Client Sample ID	# of Cont.	Matrix	Sample		Date Received	Send To	
				Date	Time			
K1013433-012	USEN-E/W-10-1	1	Soil	12/1/10	1320	12/3/10	HOUSTON	III (H)
K1013433-013	USEN-E/W-11-1	1	Soil	12/1/10	1340	12/3/10	HOUSTON	III (H)
K1013433-014	USEN-RO-01-1	1	Soil	12/1/10	1500	12/3/10	HOUSTON	III (H)
K1013433-015	USEN-RO-02-1	1	Soil	12/1/10	1430	12/3/10	HOUSTON	III (H)
K1013433-016	USEN-RO-03-1	1	Soil	12/1/10		12/3/10	HOUSTON	III (H)
K1013433-017	USEN-E/W-06-2	1	Soil	12/1/10	1100	12/3/10	HOUSTON	III (H)

Special Instructions/Comments Please provide the electronic (PDF and EDD) report to the following e-mail address: kelso_data@caslab.com 2 front seals bubble wrap, blue ice 2°C open - 1017	Turnaround Requirements <input type="checkbox"/> RUSH (Surcharges Apply) PLEASE CIRCLE WORK DAYS 1 2 3 4 5 <input type="checkbox"/> STANDARD Requested FAX Date: _____ Requested Report Date: <u>12/31/10</u>	Report Requirements <input type="checkbox"/> I. Results Only <input type="checkbox"/> II. Results + QC Summaries <input type="checkbox"/> III. Results + QC and Calibration Summaries <input type="checkbox"/> IV. Data Validation Report with Raw Data PQL/MDL/J <u>N</u> EDD <u>N</u>	Invoice Information PO# K1013433 Bill to
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Relinquished By: SAJ 12/13/10 1130 Received By: Lynda Huckestein 12/14/10 1010 Airbill Number: 129736590148217944
186

Columbia Analytical Services, Inc.
Cooler Receipt Form

Client/Project: Stantec Consulting Group/ USEN Service Request: K1013433
 Received: 12/14/10; 1010 Opened (Date/Time): 12/14/10; 1017 By: CD

1. Samples were received via? US Mail Fedex UPS DHL Courier Hand Delivered
2. Samples were received in: (circle) Cooler Box Other _____ NA
3. Were custody seals present on coolers? Y N If yes, how many and where? 2-front
 If present, were custody seals intact? Y N If present, were they signed and dated? Y N
4. Is shipper's air-bill filed? NA Y N If not, record air bill number: 1Z9736590148217944
5. Temperature of cooler(s) upon receipt (°C): 2
6. If applicable, list Chain of Custody numbers: _____
7. Were custody papers properly filled out (ink, signed, etc.)? NA Y N
8. Packing material used: Inserts Bubble Wrap Blue Ice Wet Ice Sleeves Other _____
9. Were the correct types of bottles used for the tests indicated? Y N
 Did all bottles arrive in good condition (i.e. unbroken, out of temp.)? Indicate in the table below. Y N

Sample ID	Bottle Count	Bottle Type	Out of Temp	Broken	Initials
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

10. Were all bottle labels complete (i.e. analysis, ID, etc.)? Y N
 Did all bottle labels and tags agree with custody papers? Indicate in the table below. Y N

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

11. Additional notes, discrepancies, and resolutions:

Sample Acceptance Policy

Custody Seals (desirable, mandatory if specified in SAP):

- ✓ On outside of cooler
- ✓ Seals intact, signed and dated

Chain-of-Custody documentation (mandatory):

- ✓ Properly filled out in ink & signed by the client
- ✓ Sign and date the coc for CAS/HOU upon cooler receipt
- ✓ Coc must list method number
- ✓ If no coc was submitted with the samples, complete a CAS/HOU coc for the client

Sample Integrity (mandatory):

- ✓ Sample containers must arrive in good condition (not broken or leaking)
- ✓ Sample IDs on the bottles must match the sample IDs on the coc
- ✓ The correct type of sample bottle must be used for the method requested
- ✓ The correct number of sample containers received must agree with the documentation on the coc
- ✓ The correct sample matrix must appear on the coc
- ✓ An appropriate sample volume or weight must be received

Preservatives (varies by sample matrix):

- ✓ Aqueous and Non-aqueous samples must be shipped and stored cold, at 0 to 6°C
- ✓ Tissue samples must be shipped and stored frozen, at -20 to -10°C
- ✓ TO-9A air samples can be shipped and stored at ambient temperature, ~23°C, Method 23 samples must be shipped and stored cold, at 0 to 6°C
- ✓ The sample temperature must be recorded on the coc
- ✓ Notify a Project Chemist if any samples are outside the acceptance temperature or have compromised sample integrity – the client must decide re: replacement sample submittal or continue with the analysis
- ✓ pH and chlorine adjustments must be performed as required for the applicable methods

Cooler Receipt Form, CRF (mandatory):

- ✓ Cooler receipt forms must be completed for each coc & SR# and at the time of cooler receipt
- ✓ Sample integrity issues must be documented on the CRF
- ✓ A scan of the carrier and the airbill number must be recorded in CAS LIMS

Sample Integrity Issues/Resolutions (mandatory):

- ✓ Sample integrity issues are documented on the CRF and given to the Project Chemist for resolution with the client
- ✓ Client resolution is documented in writing (typically email or on the CRF) and filed in the project folder(s)

Service Request Summary

Folder #: K1013433
Client Name: Stantec Consulting Group, Inc.
Project Name: USEN
Project Number: 185702329.200.0001

Report To: Patrick Vaughan
 Stantec Consulting Group, Inc.
 9400 SW Barnes Road Suite 200
 Portland, OR 97225
Phone Number: 503-297-1631 Ext. 125
Cell Number: 503-349-5389
Fax Number: 503-297-5429
E-mail: patrick.vaughan@stantec.com

Project Chemist: Darren Biles
Originating Lab: KELSO
Logged By: SHOPKINS
Date Received: 12/ 3/10
Internal Due Date: 12/31/10
QAP: LAB QAP, 1668 100uL FV
Qualifier Set: CAS Standard
Formset: CAS Standard
Merged?: N,Y
Report to MDL?: N,Y
P.O. Number:
EDD: No EDD Specified

17 . 2 oz-Glass Jar WM CLEAR Teflon Liner 4-deg C
 17 . 32 oz-Glass Jar WM CLEAR Teflon Liner Unpreserved
Location: E-WIC-02 Box 21, K-Delilah-91

CAS Samp No	Client Samp No.	Matrix	Collected	KELSO		SVM
				9060M/ TOC	MIS Subsample/Mfil/ MIS SubSmp/Mfil	1668A/ CI Biphen Cong
K1013433-001	USEN-N/S-01-1	Soil	12/1/10		III	IV
K1013433-002	USEN-N/S-02-1	Soil	12/1/10		III	IV
K1013433-003	USEN-N/S-02-2	Soil	12/1/10		III	IV
K1013433-004	USEN-N/S-03-1	Soil	12/1/10		III	IV
K1013433-005	USEN-N/S-04-1	Soil	12/1/10		III	IV
K1013433-006	USEN-N/S-04-2	Soil	12/1/10 1000	III	III	IV
K1013433-007	USEN-N/S-05-1	Soil	12/1/10		III	IV
K1013433-008	USEN-E/W-06-1	Soil	12/1/10		III	IV
K1013433-009	USEN-E/W-07-1	Soil	12/1/10 1120		III	IV
K1013433-010	USEN-E/W-08-1	Soil	12/1/10 1210		III	IV
K1013433-011	USEN-E/W-09-1	Soil	12/1/10		III	IV
K1013433-012	USEN-E/W-10-1	Soil	12/1/10 1320		III	IV
K1013433-013	USEN-E/W-11-1	Soil	12/1/10 1340		III	IV
K1013433-014	USEN-RO-01-1	Soil	12/1/10 1500		III	IV
K1013433-015	USEN-RO-02-1	Soil	12/1/10 1430		III	IV
K1013433-016	USEN-RO-03-1	Soil	12/1/10		III	IV
K1013433-017	USEN-E/W-06-2	Soil	12/1/10 1100		III	IV

Preparation Information Benchsheet

Prep Run#: 125707
 Team: Semivoa GCMS/AKODUR

Prep Workflow: OrgExtS(365)
 Prep Method: Method

Status: Prepped
 Prep Date/Time: 1/11/11 01:56 AM

#	Lab Code	Client ID	B#	Method /Test	pH	Matrix	Amt. Ext.	Sample Description
1	EQ1100013-01	MB		1668A/Cl Biphen Cong		Solid	5.000g	
2	EQ1100013-02	LCS		1668A/Cl Biphen Cong		Solid	5.000g	
3	EQ1100013-03	DLCS		1668A/Cl Biphen Cong		Solid	5.000g	
4	K1013433-001	USEN-N/S-01-1	.02	1668A/Cl Biphen Cong		Soil	5.202g	brown soil
5	K1013433-002	USEN-N/S-02-1	.02	1668A/Cl Biphen Cong		Soil	5.197g	brown soil
6	K1013433-003	USEN-N/S-02-2	.02	1668A/Cl Biphen Cong		Soil	5.379g	brown soil
7	K1013433-004	USEN-N/S-03-1	.02	1668A/Cl Biphen Cong		Soil	5.689g	brown soil
8	K1013433-005	USEN-N/S-04-1	.02	1668A/Cl Biphen Cong		Soil	5.056g	brown soil
9	K1013433-006	USEN-N/S-04-2	.02	1668A/Cl Biphen Cong		Soil	5.785g	brown soil
10	K1013433-007	USEN-N/S-05-1	.02	1668A/Cl Biphen Cong		Soil	5.182g	brown soil
11	K1013433-008	USEN-E/W-06-1	.02	1668A/Cl Biphen Cong		Soil	5.382g	brown soil
12	K1013433-009	USEN-E/W-07-1	.02	1668A/Cl Biphen Cong		Soil	5.229g	brown soil
13	K1013433-010	USEN-E/W-08-1	.02	1668A/Cl Biphen Cong		Soil	5.042g	brown soil
14	K1013433-011	USEN-E/W-09-1	.02	1668A/Cl Biphen Cong		Soil	5.021g	brown soil
15	K1013433-012	USEN-E/W-10-1	.02	1668A/Cl Biphen Cong		Soil	5.396g	brown soil
16	K1013433-013	USEN-E/W-11-1	.02	1668A/Cl Biphen Cong		Soil	5.232g	brown soil
17	K1013433-014	USEN-RO-01-1	.02	1668A/Cl Biphen Cong		Soil	5.880g	brown soil
18	K1013433-015	USEN-RO-02-1	.02	1668A/Cl Biphen Cong		Soil	5.366g	brown soil
19	K1013433-016	USEN-RO-03-1	.02	1668A/Cl Biphen Cong		Soil	5.534g	brown soil
20	K1013433-017	USEN-E/W-06-2	.02	1668A/Cl Biphen Cong		Soil	5.345g	brown soil

Preparation Information Benchsheet

Prep Run#: 125707
Team: Semivoa GCMS/AKODUR

Prep Workflow: OrgExtS(365)
Prep Method: Method

Status: Prepped
Prep Date/Time: 1/11/11 01:56 AM

Spiking Solutions

Name: 1668A Clean Up Working Standard	Inventory ID: 25403	Logbook Ref: B3-62-4	Expires On: 01/04/2012
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EQ1100013-01	100.00µL	EQ1100013-02	100.00µL	EQ1100013-03	100.00µL	K1013433-001	100.00µL	K1013433-002	100.00µL	K1013433-003	100.00µL
K1013433-004	100.00µL	K1013433-005	100.00µL	K1013433-006	100.00µL	K1013433-007	100.00µL	K1013433-008	100.00µL	K1013433-009	100.00µL
K1013433-010	100.00µL	K1013433-011	100.00µL	K1013433-012	100.00µL	K1013433-013	100.00µL	K1013433-014	100.00µL	K1013433-015	100.00µL
K1013433-016	100.00µL	K1013433-017	100.00µL								

Name: 1668A Labeled Working Standard	Inventory ID: 25637	Logbook Ref: B3-67-3	Expires On: 01/11/2012
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EQ1100013-01	1,000.00µL	EQ1100013-02	1,000.00µL	EQ1100013-03	1,000.00µL	K1013433-001	1,000.00µL	K1013433-002	1,000.00µL	K1013433-003	1,000.00µL
K1013433-004	1,000.00µL	K1013433-005	1,000.00µL	K1013433-006	1,000.00µL	K1013433-007	1,000.00µL	K1013433-008	1,000.00µL	K1013433-009	1,000.00µL
K1013433-010	1,000.00µL	K1013433-011	1,000.00µL	K1013433-012	1,000.00µL	K1013433-013	1,000.00µL	K1013433-014	1,000.00µL	K1013433-015	1,000.00µL
K1013433-016	1,000.00µL	K1013433-017	1,000.00µL								

Name: 1668A Working Matrix Standard	Inventory ID: 25638	Logbook Ref: B3-67-4	Expires On: 01/11/2012
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EQ1100013-02	1,000.00µL	EQ1100013-03	1,000.00µL
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Preparation Materials

Acetone 99.5% Minimum	C2-34-1 (15539)	Extraction Thimbles 43 x123 mm	(1577)	Glass Wool	C2-47-6 (24744)
Sulfuric Acid Reagent Grade H2SO4	C2-50-3 (25294)	Dichloromethane (Methylene Chloride) 99.9% MeCl2	C2-47-5 (23258)	Sodium Chloride Reagent Grade NaCl	C2-41-7 (19652)
Sodium Hydroxide Reagent Grade NaOH	C2-40-5 (19149)	Sodium Sulfate Anhydrous Reagent Grade Na2SO4	C2-43-1 (19711)	Hexane (n-Hexane) 98.5% Minimum	C2-48-6 (25283)
Nonane (n-Nonane) 99%	C2-21-004 (9457)	Silica Gel Reagent Grade	C2-50-5 (25296)	Toluene 99.9% Minimum	C2-48-1 (25279)

Preparation Steps

Step: Extraction	Step: Acid Clean	Step: Silica Gel Clean	Step: Final Volume
Started: 1/11/11 01:56	Started: 1/12/11 17:23	Started: 1/13/11 06:00	Started: 1/14/11 10:55
Finished: 1/12/11 08:30	Finished: 1/12/11 17:58	Finished: 1/13/11 08:15	Finished: 1/14/11 14:41
By: AKODUR	By: AKODUR	By: AKODUR	By: AKODUR

Comments: _____

Reviewed By: ak Date: 1/17/11

Preparation Information Benchsheet

Prep Run#: 125707
Team: Semivoa GCMS/AKODUR

Prep WorkFlow: OrgExtS(365)
Prep Method: Method

Status: Prepped
Prep Date/Time: 1/11/11 01:56 AM

Chain of Custody

Relinquished By: _____	Date: _____	<u>Extracts Examined</u>
Received By: _____	Date: _____	Yes No



Chromatograms and Selected Ion Monitoring

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Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-N/S-01-1

Run #10 Filename U224750 Samp: 1 Inj: 1 Acquired: 14-JAN-11 21:25:02
Processed: 17-JAN-11 11:17:35 Sample ID: K1013433-001

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet	Mod?	RRF
1	1	PCB-1	12:58	3.611e+03	1.097e+03	3.29	y n	1.062
2	1	PCB-2	14:59	1.641e+03	5.265e+02	3.12	y n	0.970
3	1	PCB-3	15:10	2.346e+03	7.626e+02	3.08	y n	1.057
4	1	PCB-4	15:25	3.381e+03	2.118e+03	1.60	y n	0.952
5	1	PCB-10	NotFnd	*	*	*	n n	1.379
6	2	PCB-9	17:25	1.338e+03	7.904e+02	1.69	y n	0.961
7	2	PCB-7	17:35	5.392e+02	3.096e+02	1.74	y n	1.000
8	2	PCB-6	17:49	3.318e+03	1.932e+03	1.72	y n	1.034
9	2	PCB-5	18:07	3.171e+02	1.637e+02	1.94	n n	0.868
10	2	PCB-8	18:15	1.270e+04	7.757e+03	1.64	y n	1.120
11	2	PCB-14	NotFnd	*	*	*	n n	1.036
12	2	PCB-11	20:42	3.998e+03	2.488e+03	1.61	y n	1.019
13	2	PCB-12/13	20:59	2.583e+03	1.670e+03	1.55	y n	1.003
14	2	PCB-15	21:20	7.274e+03	4.469e+03	1.63	y n	0.973
15	2	PCB-19	18:34	4.520e+02	4.703e+02	0.96	y n	1.021
16	2	PCB-18/30	20:23	7.622e+03	7.646e+03	1.00	y n	0.962
17	2	PCB-17	20:48	2.707e+03	2.664e+03	1.02	y n	0.821
18	2	PCB-27	21:02	6.427e+02	6.684e+02	0.96	y n	1.161
19	2	PCB-24	21:09	1.266e+02	1.689e+02	0.75	n n	1.040
20	2	PCB-16	21:17	2.262e+03	2.271e+03	1.00	y n	0.703
21	2	PCB-32	21:47	3.066e+03	3.044e+03	1.01	y n	1.231
22	3	PCB-34	23:02	6.989e+01	6.147e+01	1.14	y n	1.217
23	3	PCB-23	NotFnd	*	*	*	n y	1.177
24	3	PCB-26/29	23:29	3.430e+03	3.309e+03	1.04	y n	1.305
25	3	PCB-25	23:44	1.501e+03	1.294e+03	1.16	y n	1.447
26	3	PCB-31	24:02	2.080e+04	2.016e+04	1.03	y n	1.329
27	3	PCB-20/28	24:20	2.030e+04	1.970e+04	1.03	y n	1.237
28	3	PCB-21/33	24:35	1.074e+04	1.018e+04	1.06	y n	1.298
29	3	PCB-22	24:59	8.005e+03	7.802e+03	1.03	y n	1.151
30	3	PCB-36	26:31	3.828e+01	3.730e+01	1.03	y n	1.339
31	3	PCB-39	26:54	8.514e+01	9.604e+01	0.89	y y	1.296
32	3	PCB-38	NotFnd	*	*	*	n n	1.298
33	3	PCB-35	27:56	6.667e+02	7.464e+02	0.89	y y	1.251
34	3	PCB-37	28:21	1.000e+04	1.012e+04	0.99	y n	1.082
35	2	PCB-54	21:39	2.331e+01	1.922e+01	1.21	n n	0.963
36	3	PCB-50/53	23:46	1.048e+03	1.441e+03	0.73	y n	0.814
37	3	PCB-45/51	24:26	1.251e+03	1.621e+03	0.77	y n	0.783
38	3	PCB-46	24:46	3.548e+02	4.655e+02	0.76	y y	0.714
39	3	PCB-52	26:09	1.081e+04	1.401e+04	0.77	y n	0.881
40	3	PCB-43/73	26:24	3.995e+02	4.921e+02	0.81	y y	0.868
41	3	PCB-49/69	26:39	5.922e+03	7.585e+03	0.78	y n	0.997
42	3	PCB-48	26:55	2.130e+03	2.676e+03	0.80	y n	0.826
43	3	PCB-44/47/65	27:10	9.364e+03	1.202e+04	0.78	y n	0.917
44	3	PCB-59/62/75	27:29	1.110e+03	1.364e+03	0.81	y y	1.107
45	3	PCB-42	27:40	2.084e+03	2.741e+03	0.76	y y	0.836
46	3	PCB-40/41/71	28:11	4.887e+03	6.446e+03	0.76	y y	0.836
47	3	PCB-64	28:24	6.275e+03	7.950e+03	0.79	y y	1.169
48	3	PCB-72	29:12	7.121e+01	6.505e+01	1.09	n y	1.192
49	3	PCB-68	NotFnd	*	*	*	n n	1.160
50	3	PCB-57	29:54	4.169e+01	5.605e+01	0.74	y y	1.155

51	3	PCB-58	NotFnd	*	*	*	n	y	1.136
52	3	PCB-67	30:18	6.017e+02	7.682e+02	0.78	y	y	1.293
53	3	PCB-63	30:34	7.845e+02	9.796e+02	0.80	y	n	1.243
54	3	PCB-61/70/74/76	30:55	3.300e+04	4.267e+04	0.77	y	y	1.165
55	3	PCB-66	31:15	1.844e+04	2.391e+04	0.77	y	y	1.227
56	3	PCB-55	NotFnd	*	*	*	n	n	1.051
57	4	PCB-56	31:56	8.123e+03	1.071e+04	0.76	y	n	1.088
58	4	PCB-60	32:08	6.208e+03	8.307e+03	0.75	y	n	1.081
59	4	PCB-80	NotFnd	*	*	*	n	n	1.276
60	4	PCB-79	34:03	2.862e+02	4.625e+02	0.62	n	n	1.302
61	4	PCB-78	NotFnd	*	*	*	n	n	1.158
62	4	PCB-81	35:04	1.736e+02	2.526e+02	0.69	y	n	1.084
63	4	PCB-77	35:37	5.076e+03	6.177e+03	0.82	y	n	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:29	1.470e+02	9.961e+01	1.48	y	n	0.946
66	3	PCB-103	29:23	9.877e+01	6.992e+01	1.41	y	n	0.813
67	3	PCB-94	29:37	6.353e+01	5.439e+01	1.17	n	n	0.654
68	3	PCB-95	30:04	1.237e+04	7.853e+03	1.58	y	y	0.755
69	3	PCB-93/100	30:14	1.796e+02	1.394e+02	1.29	n	y	0.701
70	3	PCB-98/102	30:25	5.955e+02	3.802e+02	1.57	y	y	0.743
71	3	PCB-88/91	30:55	1.665e+03	1.055e+03	1.58	y	n	0.718
72	3	PCB-84	31:09	3.013e+03	1.957e+03	1.54	y	n	0.663
73	3	PCB-89	31:37	2.118e+02	1.369e+02	1.55	y	n	0.695
74	4	PCB-121	NotFnd	*	*	*	n	n	0.931
75	4	PCB-92	32:23	3.015e+03	1.872e+03	1.61	y	n	0.707
76	4	PCB-90/101/113	32:58	2.577e+04	1.641e+04	1.57	y	n	0.803
77	4	PCB-83/99	33:33	8.882e+03	5.628e+03	1.58	y	n	0.680
78	4	PCB-112	NotFnd	*	*	*	n	n	1.013
79	4	PCB-86/87/97/109/119/125	34:09	1.480e+04	9.568e+03	1.55	y	y	0.823
80	4	PCB-117	34:42	5.632e+02	2.812e+02	2.00	n	y	0.848
81	4	PCB-85/116	34:47	3.698e+03	2.456e+03	1.51	y	y	0.886
82	4	PCB-110/115	34:57	3.188e+04	2.043e+04	1.56	y	y	0.968
83	4	PCB-82	35:16	2.669e+03	1.690e+03	1.58	y	n	0.655
84	4	PCB-111	NotFnd	*	*	*	n	n	0.921
85	4	PCB-120	36:05	2.170e+02	1.412e+02	1.54	y	n	1.028
86	5	PCB-108/124	37:14	1.428e+03	9.021e+02	1.58	y	n	0.913
87	5	PCB-107	37:28	2.933e+03	1.892e+03	1.55	y	n	1.038
88	5	PCB-123	37:35	7.161e+02	4.194e+02	1.71	y	n	1.076
89	5	PCB-106	NotFnd	*	*	*	n	n	1.093
90	5	PCB-118	37:54	3.862e+04	2.462e+04	1.57	y	y	1.103
91	5	PCB-122	38:15	5.905e+02	3.299e+02	1.79	n	n	0.946
92	5	PCB-114	38:26	1.326e+03	8.623e+02	1.54	y	n	1.079
93	5	PCB-105	39:06	1.962e+04	1.235e+04	1.59	y	n	1.059
94	5	PCB-127	NotFnd	*	*	*	n	n	0.969
95	5	PCB-126	42:10	1.247e+03	8.598e+02	1.45	y	n	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	32:58	4.618e+01	3.199e+01	1.44	n	n	1.196
98	4	PCB-150	33:06	9.814e+01	9.011e+01	1.09	y	n	1.105
99	4	PCB-136	33:30	5.818e+03	4.740e+03	1.23	y	n	1.166
100	4	PCB-145	NotFnd	*	*	*	n	n	1.078
101	4	PCB-148	35:14	4.922e+01	3.793e+01	1.30	y	n	0.887
102	4	PCB-135/151	35:50	1.528e+04	1.239e+04	1.23	y	n	0.852
103	4	PCB-154	36:05	5.426e+02	4.523e+02	1.20	y	n	1.019
104	4	PCB-144	36:24	2.532e+03	2.063e+03	1.23	y	n	0.901
105	5	PCB-147/149	36:46	4.744e+04	3.815e+04	1.24	y	n	0.938
106	5	PCB-134	36:59	1.982e+03	1.677e+03	1.18	y	n	0.768
107	5	PCB-143	NotFnd	*	*	*	n	n	0.946

108	5	PCB-139/140	37:22	4.243e+02	3.257e+02	1.30	y	n	0.945
109	5	PCB-131	37:34	3.637e+02	3.024e+02	1.20	y	n	0.866
110	5	PCB-142	NotFnd	*	*	*	n	n	0.847
111	5	PCB-132	38:02	1.338e+04	1.076e+04	1.24	y	n	0.808
112	5	PCB-133	38:30	5.848e+02	4.765e+02	1.23	y	n	0.877
113	5	PCB-165	NotFnd	*	*	*	n	n	1.086
114	5	PCB-146	39:09	1.012e+04	8.012e+03	1.26	y	n	1.059
115	5	PCB-161	NotFnd	*	*	*	n	n	1.225
116	5	PCB-153/168	39:45	8.165e+04	6.498e+04	1.26	y	n	1.100
117	5	PCB-141	39:57	1.363e+04	1.070e+04	1.27	y	n	0.943
118	5	PCB-130	40:23	2.528e+03	1.985e+03	1.27	y	n	0.820
119	5	PCB-137	40:35	1.073e+03	9.107e+02	1.18	y	n	0.903
120	5	PCB-164	40:42	5.332e+03	4.253e+03	1.25	y	n	1.163
121	5	PCB-129/138/163	41:00	7.425e+04	5.963e+04	1.25	y	n	0.964
122	5	PCB-160	NotFnd	*	*	*	n	n	1.113
123	5	PCB-158	41:24	9.728e+03	7.690e+03	1.26	y	n	1.305
124	5	PCB-128/166	42:17	8.053e+03	6.561e+03	1.23	y	n	1.022
125	6	PCB-159	43:13	1.108e+03	8.924e+02	1.24	y	n	1.041
126	6	PCB-162	43:31	3.232e+02	2.299e+02	1.41	y	n	1.002
127	6	PCB-167	43:59	3.640e+03	2.955e+03	1.23	y	n	1.030
128	6	PCB-156/157	45:07	7.942e+03	6.171e+03	1.29	y	n	1.064
129	6	PCB-169	48:21	3.387e+02	2.429e+02	1.39	y	n	1.036
130	5	PCB-188	38:24	5.700e+01	4.851e+01	1.18	y	n	0.950
131	5	PCB-179	38:46	9.933e+03	9.732e+03	1.02	y	n	1.159
132	5	PCB-184	NotFnd	*	*	*	n	n	1.104
133	5	PCB-176	39:39	3.169e+03	3.144e+03	1.01	y	n	1.108
134	5	PCB-186	NotFnd	*	*	*	n	n	1.022
135	5	PCB-178	41:27	4.027e+03	4.048e+03	0.99	y	n	0.787
136	5	PCB-175	42:05	1.051e+03	1.053e+03	1.00	y	n	0.833
137	5	PCB-187	42:21	2.975e+04	2.925e+04	1.02	y	n	0.869
138	5	PCB-182	NotFnd	*	*	*	n	n	0.857
139	6	PCB-183	42:58	1.248e+04	1.329e+04	0.94	y	y	0.680
140	6	PCB-185	43:02	2.241e+03	1.764e+03	1.27	n	y	0.693
141	6	PCB-174	43:13	1.986e+04	2.006e+04	0.99	y	n	0.684
142	6	PCB-177	43:39	1.199e+04	1.223e+04	0.98	y	n	0.646
143	6	PCB-181	NotFnd	*	*	*	n	n	0.647
144	6	PCB-171/173	44:16	5.720e+03	5.955e+03	0.96	y	n	0.635
145	6	PCB-172	45:52	3.707e+03	3.689e+03	1.00	y	n	0.624
146	6	PCB-192	NotFnd	*	*	*	n	n	0.747
147	6	PCB-180/193	46:31	5.967e+04	5.969e+04	1.00	y	n	0.763
148	6	PCB-191	46:53	1.586e+03	1.627e+03	0.97	y	n	0.832
149	6	PCB-170	47:47	2.046e+04	2.037e+04	1.00	y	n	0.588
150	6	PCB-190	48:17	6.237e+03	6.330e+03	0.99	y	n	0.894
151	6	PCB-189	50:51	1.058e+03	1.078e+03	0.98	y	n	0.912
152	6	PCB-202	43:45	1.524e+03	1.727e+03	0.88	y	n	0.869
153	6	PCB-201	44:41	1.303e+03	1.481e+03	0.88	y	n	1.015
154	6	PCB-204	NotFnd	*	*	*	n	n	1.005
155	6	PCB-197	45:34	3.853e+02	4.296e+02	0.90	y	n	1.019
156	6	PCB-200	45:41	1.456e+03	1.683e+03	0.87	y	n	0.976
157	6	PCB-198/199	48:28	9.569e+03	1.107e+04	0.86	y	n	0.688
158	6	PCB-196	49:07	5.082e+03	5.793e+03	0.88	y	n	0.730
159	6	PCB-203	49:18	6.125e+03	7.309e+03	0.84	y	n	0.731
160	6	PCB-195	50:37	4.002e+03	4.624e+03	0.87	y	n	0.682
161	6	PCB-194	52:56	1.048e+04	1.204e+04	0.87	y	n	0.689
162	6	PCB-205	53:24	7.840e+02	8.660e+02	0.91	y	n	0.933
163	6	PCB-208	50:22	3.744e+02	4.713e+02	0.79	y	n	0.915
164	6	PCB-207	51:17	2.629e+02	3.714e+02	0.71	y	n	0.967

165	7	PCB-206	55:08	2.898e+03	3.824e+03	0.76	y	n	0.937
166	7	PCB-209	56:42	8.342e+02	7.536e+02	1.11	y	n	0.925
167	1	PCB-1L	12:57	2.498e+04	8.162e+03	3.06	y	n	1.162
168	1	PCB-3L	15:09	2.492e+04	8.143e+03	3.06	y	n	1.187
169	1	PCB-4L	15:24	1.488e+04	9.519e+03	1.56	y	n	0.907
170	2	PCB-15L	21:19	2.040e+04	1.274e+04	1.60	y	n	1.030
171	2	PCB-19L	18:32	9.443e+03	8.982e+03	1.05	y	n	0.615
172	3	PCB-37L	28:20	1.878e+04	1.832e+04	1.03	y	n	1.320
173	2	PCB-54L	21:36	1.051e+04	1.284e+04	0.82	y	n	1.261
174	4	PCB-81L	35:02	1.410e+04	1.799e+04	0.78	y	n	1.088
175	4	PCB-77L	35:36	1.508e+04	1.910e+04	0.79	y	n	1.091
176	3	PCB-104L	27:04	1.656e+04	1.043e+04	1.59	y	n	1.480
177	5	PCB-123L	37:34	1.823e+04	1.191e+04	1.53	y	n	1.214
178	5	PCB-118L	37:53	1.943e+04	1.253e+04	1.55	y	n	1.246
179	5	PCB-114L	38:24	1.907e+04	1.210e+04	1.58	y	n	1.236
180	5	PCB-105L	39:05	1.960e+04	1.282e+04	1.53	y	n	1.197
181	5	PCB-126L	42:09	2.058e+04	1.340e+04	1.54	y	n	1.105
182	4	PCB-155L	32:42	1.593e+04	1.227e+04	1.30	y	n	1.599
183	6	PCB-167L	43:58	1.381e+04	1.139e+04	1.21	y	n	1.051
184	6	PCB-156/157L	45:08	2.796e+04	2.199e+04	1.27	y	n	0.962
185	6	PCB-169L	48:21	1.319e+04	1.049e+04	1.26	y	n	0.886
186	5	PCB-188L	38:23	1.402e+04	1.327e+04	1.06	y	n	2.483
187	6	PCB-189L	50:50	1.133e+04	1.106e+04	1.02	y	n	1.503
188	6	PCB-202L	43:44	9.385e+03	1.060e+04	0.89	y	n	1.757
189	6	PCB-205L	53:23	9.383e+03	1.046e+04	0.90	y	n	1.317
190	6	PCB-208L	50:21	7.214e+03	9.043e+03	0.80	y	n	1.446
191	7	PCB-206L	55:06	8.098e+03	1.052e+04	0.77	y	n	1.176
192	7	PCB-209L	56:41	1.124e+04	9.374e+03	1.20	y	n	1.606
193	3	PCB-28L	24:19	2.053e+04	1.939e+04	1.06	y	n	1.538
194	4	PCB-111L	35:35	1.840e+04	1.160e+04	1.59	y	n	1.238
195	5	PCB-178L	41:26	9.881e+03	9.435e+03	1.05	y	n	1.355
196	2	PCB-9L	17:24	5.155e+04	3.382e+04	1.52	y	n	-
197	3	PCB-52L	26:08	2.880e+04	3.629e+04	0.79	y	n	-
198	4	PCB-101L	32:57	3.603e+04	2.275e+04	1.58	y	n	-
199	5	PCB-138L	40:58	3.759e+04	2.964e+04	1.27	y	n	-
200	6	PCB-194L	52:55	1.678e+04	1.829e+04	0.92	y	n	-

-- Sample Calculation--

$$\text{PCB-209} = \frac{(8.342e+02 + 7.536e+02) \times (100.0 \times 100.0) \text{ pg} \times 1}{(1.124e+04 + 9.374e+03) \times (5.202 \text{ g}) \times (100 - \quad) / 100 \times 0.9245} = 160$$

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 1/19/11

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sp166respa
 02/2009

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio SummaryCLIENT ID.
USEN-N/S-01-1

Run #10 Filename U224750#1 Samp: 1 Inj: 1 Acquired: 14-JAN-11 21:25:02

Processed: 17-JAN-11 11:17:35 LAB. ID: K1013433-001

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	9.94e+05	1.99e+03	5.0e+02	3.04e+05	1.94e+03	1.6e+02
2	PCB-2	3.65e+05	1.99e+03	1.8e+02	1.22e+05	1.94e+03	6.3e+01
3	PCB-3	4.93e+05	1.99e+03	2.5e+02	1.63e+05	1.94e+03	8.4e+01
4	PCB-4	7.54e+05	4.78e+03	1.6e+02	4.86e+05	4.32e+04	1.1e+01
5	PCB-10	*	4.78e+03	*	*	4.32e+04	*
6	PCB-9	3.22e+05	1.91e+03	1.7e+02	1.88e+05	5.47e+03	3.4e+01
7	PCB-7	1.21e+05	1.91e+03	6.3e+01	7.38e+04	5.47e+03	1.4e+01
8	PCB-6	7.75e+05	1.91e+03	4.1e+02	4.65e+05	5.47e+03	8.5e+01
9	PCB-5	9.09e+04	1.91e+03	4.8e+01	4.96e+04	5.47e+03	9.1e+00
10	PCB-8	3.07e+06	1.91e+03	1.6e+03	1.87e+06	5.47e+03	3.4e+02
11	PCB-14	*	1.91e+03	*	*	5.47e+03	*
12	PCB-11	7.89e+05	1.91e+03	4.1e+02	4.89e+05	5.47e+03	8.9e+01
13	PCB-12/13	4.44e+05	1.91e+03	2.3e+02	2.79e+05	5.47e+03	5.1e+01
14	PCB-15	1.31e+06	1.91e+03	6.9e+02	8.25e+05	5.47e+03	1.5e+02
15	PCB-19	1.13e+05	2.44e+03	4.6e+01	1.18e+05	1.89e+03	6.2e+01
16	PCB-18/30	1.68e+06	2.44e+03	6.9e+02	1.70e+06	1.89e+03	9.0e+02
17	PCB-17	5.96e+05	2.44e+03	2.4e+02	5.85e+05	1.89e+03	3.1e+02
18	PCB-27	1.33e+05	2.44e+03	5.4e+01	1.41e+05	1.89e+03	7.4e+01
19	PCB-24	3.44e+04	2.44e+03	1.4e+01	3.92e+04	1.89e+03	2.1e+01
20	PCB-16	4.70e+05	2.44e+03	1.9e+02	4.88e+05	1.89e+03	2.6e+02
21	PCB-32	6.38e+05	2.44e+03	2.6e+02	6.38e+05	1.89e+03	3.4e+02
22	PCB-34	1.46e+04	2.02e+03	7.2e+00	1.24e+04	2.16e+03	5.8e+00
23	PCB-23	*	2.02e+03	*	*	2.16e+03	*
24	PCB-26/29	6.20e+05	2.02e+03	3.1e+02	6.10e+05	2.16e+03	2.8e+02
25	PCB-25	2.44e+05	2.02e+03	1.2e+02	2.25e+05	2.16e+03	1.0e+02
26	PCB-31	3.65e+06	2.02e+03	1.8e+03	3.56e+06	2.16e+03	1.6e+03
27	PCB-20/28	3.48e+06	2.02e+03	1.7e+03	3.38e+06	2.16e+03	1.6e+03
28	PCB-21/33	1.79e+06	2.02e+03	8.9e+02	1.66e+06	2.16e+03	7.7e+02
29	PCB-22	1.31e+06	2.02e+03	6.5e+02	1.28e+06	2.16e+03	6.0e+02
30	PCB-36	9.28e+03	2.02e+03	4.6e+00	8.19e+03	2.16e+03	3.8e+00
31	PCB-39	1.97e+04	2.02e+03	9.7e+00	2.31e+04	2.16e+03	1.1e+01
32	PCB-38	*	2.02e+03	*	*	2.16e+03	*
33	PCB-35	1.19e+05	2.02e+03	5.9e+01	1.26e+05	2.16e+03	5.9e+01
34	PCB-37	1.51e+06	2.02e+03	7.5e+02	1.46e+06	2.16e+03	6.8e+02
35	PCB-54	4.83e+03	1.31e+03	3.7e+00	4.65e+03	1.44e+03	3.2e+00
36	PCB-50/53	2.11e+05	9.48e+02	2.2e+02	2.81e+05	1.30e+03	2.2e+02
37	PCB-45/51	1.83e+05	9.48e+02	1.9e+02	2.42e+05	1.30e+03	1.9e+02
38	PCB-46	6.79e+04	9.48e+02	7.2e+01	9.11e+04	1.30e+03	7.0e+01
39	PCB-52	2.05e+06	9.48e+02	2.2e+03	2.64e+06	1.30e+03	2.0e+03
40	PCB-43/73	6.22e+04	9.48e+02	6.6e+01	8.25e+04	1.30e+03	6.3e+01
41	PCB-49/69	1.06e+06	9.48e+02	1.1e+03	1.37e+06	1.30e+03	1.1e+03
42	PCB-48	3.84e+05	9.48e+02	4.0e+02	4.68e+05	1.30e+03	3.6e+02
43	PCB-44/47/65	1.58e+06	9.48e+02	1.7e+03	2.02e+06	1.30e+03	1.6e+03
44	PCB-59/62/75	1.91e+05	9.48e+02	2.0e+02	2.44e+05	1.30e+03	1.9e+02
45	PCB-42	3.80e+05	9.48e+02	4.0e+02	5.09e+05	1.30e+03	3.9e+02
46	PCB-40/41/71	7.62e+05	9.48e+02	8.0e+02	1.01e+06	1.30e+03	7.8e+02
47	PCB-64	1.09e+06	9.48e+02	1.2e+03	1.41e+06	1.30e+03	1.1e+03

Run #10

Filename U224750#1 Samp: 1

Acquired: 14-JAN-11 21:25:02

48	PCB-72	1.67e+04	9.48e+02	1.8e+01	1.88e+04	1.30e+03	1.4e+01
49	PCB-68	*	9.48e+02	*	*	1.30e+03	*
50	PCB-57	1.05e+04	9.48e+02	1.1e+01	1.61e+04	1.30e+03	1.2e+01
51	PCB-58	*	9.48e+02	*	*	1.30e+03	*
52	PCB-67	9.51e+04	9.48e+02	1.0e+02	1.21e+05	1.30e+03	9.3e+01
53	PCB-63	1.39e+05	9.48e+02	1.5e+02	1.66e+05	1.30e+03	1.3e+02
54	PCB-61/70/74/76	4.00e+06	9.48e+02	4.2e+03	5.23e+06	1.30e+03	4.0e+03
55	PCB-66	2.92e+06	9.48e+02	3.1e+03	3.80e+06	1.30e+03	2.9e+03
56	PCB-55	*	9.48e+02	*	*	1.30e+03	*
57	PCB-56	1.44e+06	6.46e+03	2.2e+02	1.83e+06	3.87e+03	4.7e+02
58	PCB-60	9.99e+05	6.46e+03	1.5e+02	1.29e+06	3.87e+03	3.3e+02
59	PCB-80	*	6.46e+03	*	*	3.87e+03	*
60	PCB-79	5.70e+04	6.46e+03	8.8e+00	8.04e+04	3.87e+03	2.1e+01
61	PCB-78	*	6.46e+03	*	*	3.87e+03	*
62	PCB-81	3.57e+04	6.46e+03	5.5e+00	3.72e+04	3.87e+03	9.6e+00
63	PCB-77	7.35e+05	6.46e+03	1.1e+02	8.97e+05	3.87e+03	2.3e+02
64	PCB-104	*	1.18e+03	*	*	1.36e+03	*
65	PCB-96	2.74e+04	1.18e+03	2.3e+01	1.78e+04	1.36e+03	1.3e+01
66	PCB-103	1.66e+04	1.18e+03	1.4e+01	1.39e+04	1.36e+03	1.0e+01
67	PCB-94	1.41e+04	1.18e+03	1.2e+01	9.05e+03	1.36e+03	6.7e+00
68	PCB-95	2.25e+06	1.18e+03	1.9e+03	1.44e+06	1.36e+03	1.1e+03
69	PCB-93/100	3.18e+04	1.18e+03	2.7e+01	2.00e+04	1.36e+03	1.5e+01
70	PCB-98/102	9.72e+04	1.18e+03	8.2e+01	6.31e+04	1.36e+03	4.7e+01
71	PCB-88/91	3.05e+05	1.18e+03	2.6e+02	1.97e+05	1.36e+03	1.5e+02
72	PCB-84	5.41e+05	1.18e+03	4.6e+02	3.50e+05	1.36e+03	2.6e+02
73	PCB-89	4.06e+04	1.18e+03	3.4e+01	2.55e+04	1.36e+03	1.9e+01
74	PCB-121	*	3.36e+03	*	*	4.26e+03	*
75	PCB-92	5.46e+05	3.36e+03	1.6e+02	3.40e+05	4.26e+03	8.0e+01
76	PCB-90/101/113	4.57e+06	3.36e+03	1.4e+03	2.94e+06	4.26e+03	6.9e+02
77	PCB-83/99	1.41e+06	3.36e+03	4.2e+02	8.98e+05	4.26e+03	2.1e+02
78	PCB-112	*	3.36e+03	*	*	4.26e+03	*
79	CB-86/87/97/109/119/125	1.49e+06	3.36e+03	4.4e+02	9.73e+05	4.26e+03	2.3e+02
80	PCB-117	1.31e+05	3.36e+03	3.9e+01	8.05e+04	4.26e+03	1.9e+01
81	PCB-85/116	6.96e+05	3.36e+03	2.1e+02	4.34e+05	4.26e+03	1.0e+02
82	PCB-110/115	5.47e+06	3.36e+03	1.6e+03	3.48e+06	4.26e+03	8.2e+02
83	PCB-82	4.28e+05	3.36e+03	1.3e+02	2.72e+05	4.26e+03	6.4e+01
84	PCB-111	*	3.36e+03	*	*	4.26e+03	*
85	PCB-120	3.56e+04	3.36e+03	1.1e+01	2.43e+04	4.26e+03	5.7e+00
86	PCB-108/124	2.62e+05	6.40e+03	4.1e+01	1.59e+05	1.30e+04	1.2e+01
87	PCB-107	5.15e+05	6.40e+03	8.0e+01	3.33e+05	1.30e+04	2.6e+01
88	PCB-123	1.34e+05	6.40e+03	2.1e+01	8.44e+04	1.30e+04	6.5e+00
89	PCB-106	*	6.40e+03	*	*	1.30e+04	*
90	PCB-118	6.71e+06	6.40e+03	1.0e+03	4.25e+06	1.30e+04	3.3e+02
91	PCB-122	8.44e+04	6.40e+03	1.3e+01	5.05e+04	1.30e+04	3.9e+00
92	PCB-114	2.04e+05	6.40e+03	3.2e+01	1.28e+05	1.30e+04	9.9e+00
93	PCB-105	3.26e+06	6.40e+03	5.1e+02	2.04e+06	1.30e+04	1.6e+02
94	PCB-127	*	6.40e+03	*	*	1.30e+04	*
95	PCB-126	2.14e+05	6.40e+03	3.3e+01	1.39e+05	1.30e+04	1.1e+01
96	PCB-155	*	1.49e+03	*	*	1.53e+03	*
97	PCB-152	8.86e+03	1.49e+03	6.0e+00	5.66e+03	1.53e+03	3.7e+00
98	PCB-150	1.76e+04	1.49e+03	1.2e+01	1.47e+04	1.53e+03	9.6e+00
99	PCB-136	1.10e+06	1.49e+03	7.4e+02	8.99e+05	1.53e+03	5.9e+02
100	PCB-145	*	1.49e+03	*	*	1.53e+03	*
101	PCB-148	1.05e+04	1.49e+03	7.0e+00	7.17e+03	1.53e+03	4.7e+00
102	PCB-135/151	1.96e+06	1.49e+03	1.3e+03	1.59e+06	1.53e+03	1.0e+03
103	PCB-154	9.00e+04	1.49e+03	6.0e+01	7.19e+04	1.53e+03	4.7e+01
104	PCB-144	4.60e+05	1.49e+03	3.1e+02	3.77e+05	1.53e+03	2.5e+02

105	PCB-147/149	8.46e+06	9.80e+03	8.6e+02	6.90e+06	9.21e+03	7.5e+02
106	PCB-134	3.38e+05	9.80e+03	3.4e+01	2.80e+05	9.21e+03	3.0e+01
107	PCB-143	*	9.80e+03	*	*	9.21e+03	*
108	PCB-139/140	7.17e+04	9.80e+03	7.3e+00	6.09e+04	9.21e+03	6.6e+00
109	PCB-131	7.00e+04	9.80e+03	7.1e+00	5.90e+04	9.21e+03	6.4e+00
110	PCB-142	*	9.80e+03	*	*	9.21e+03	*
111	PCB-132	2.37e+06	9.80e+03	2.4e+02	1.89e+06	9.21e+03	2.1e+02
112	PCB-133	1.03e+05	9.80e+03	1.1e+01	8.97e+04	9.21e+03	9.7e+00
113	PCB-165	*	9.80e+03	*	*	9.21e+03	*
114	PCB-146	1.83e+06	9.80e+03	1.9e+02	1.48e+06	9.21e+03	1.6e+02
115	PCB-161	*	9.80e+03	*	*	9.21e+03	*
116	PCB-153/168	1.47e+07	9.80e+03	1.5e+03	1.16e+07	9.21e+03	1.3e+03
117	PCB-141	2.37e+06	9.80e+03	2.4e+02	1.90e+06	9.21e+03	2.1e+02
118	PCB-130	4.56e+05	9.80e+03	4.7e+01	3.66e+05	9.21e+03	4.0e+01
119	PCB-137	2.11e+05	9.80e+03	2.2e+01	1.78e+05	9.21e+03	1.9e+01
120	PCB-164	9.70e+05	9.80e+03	9.9e+01	7.70e+05	9.21e+03	8.4e+01
121	PCB-129/138/163	1.28e+07	9.80e+03	1.3e+03	1.03e+07	9.21e+03	1.1e+03
122	PCB-160	*	9.80e+03	*	*	9.21e+03	*
123	PCB-158	1.69e+06	9.80e+03	1.7e+02	1.34e+06	9.21e+03	1.5e+02
124	PCB-128/166	1.16e+06	9.80e+03	1.2e+02	9.34e+05	9.21e+03	1.0e+02
125	PCB-159	2.35e+05	3.43e+03	6.8e+01	1.94e+05	5.11e+03	3.8e+01
126	PCB-162	7.40e+04	3.43e+03	2.2e+01	5.70e+04	5.11e+03	1.1e+01
127	PCB-167	7.77e+05	3.43e+03	2.3e+02	6.39e+05	5.11e+03	1.2e+02
128	PCB-156/157	1.53e+06	3.43e+03	4.5e+02	1.15e+06	5.11e+03	2.3e+02
129	PCB-169	4.28e+04	3.43e+03	1.2e+01	3.23e+04	5.11e+03	6.3e+00
130	PCB-188	1.26e+04	1.33e+03	9.4e+00	1.19e+04	9.56e+02	1.2e+01
131	PCB-179	1.77e+06	1.33e+03	1.3e+03	1.75e+06	9.56e+02	1.8e+03
132	PCB-184	*	1.33e+03	*	*	9.56e+02	*
133	PCB-176	5.69e+05	1.33e+03	4.3e+02	5.86e+05	9.56e+02	6.1e+02
134	PCB-186	*	1.33e+03	*	*	9.56e+02	*
135	PCB-178	7.07e+05	1.33e+03	5.3e+02	7.24e+05	9.56e+02	7.6e+02
136	PCB-175	1.89e+05	1.33e+03	1.4e+02	1.90e+05	9.56e+02	2.0e+02
137	PCB-187	5.28e+06	1.33e+03	4.0e+03	5.20e+06	9.56e+02	5.4e+03
138	PCB-182	*	1.33e+03	*	*	9.56e+02	*
139	PCB-183	2.80e+06	4.64e+03	6.0e+02	2.86e+06	8.92e+03	3.2e+02
140	PCB-185	5.67e+05	4.64e+03	1.2e+02	5.64e+05	8.92e+03	6.3e+01
141	PCB-174	4.32e+06	4.64e+03	9.3e+02	4.31e+06	8.92e+03	4.8e+02
142	PCB-177	2.61e+06	4.64e+03	5.6e+02	2.66e+06	8.92e+03	3.0e+02
143	PCB-181	*	4.64e+03	*	*	8.92e+03	*
144	PCB-171/173	1.22e+06	4.64e+03	2.6e+02	1.26e+06	8.92e+03	1.4e+02
145	PCB-172	8.28e+05	4.64e+03	1.8e+02	8.21e+05	8.92e+03	9.2e+01
146	PCB-192	*	4.64e+03	*	*	8.92e+03	*
147	PCB-180/193	1.25e+07	4.64e+03	2.7e+03	1.24e+07	8.92e+03	1.4e+03
148	PCB-191	3.20e+05	4.64e+03	6.9e+01	3.31e+05	8.92e+03	3.7e+01
149	PCB-170	4.26e+06	4.64e+03	9.2e+02	4.25e+06	8.92e+03	4.8e+02
150	PCB-190	1.30e+06	4.64e+03	2.8e+02	1.33e+06	8.92e+03	1.5e+02
151	PCB-189	2.24e+05	4.64e+03	4.8e+01	2.27e+05	8.92e+03	2.5e+01
152	PCB-202	3.26e+05	1.29e+03	2.5e+02	3.73e+05	1.45e+03	2.6e+02
153	PCB-201	2.88e+05	1.29e+03	2.2e+02	3.20e+05	1.45e+03	2.2e+02
154	PCB-204	*	1.29e+03	*	*	1.45e+03	*
155	PCB-197	9.07e+04	1.29e+03	7.0e+01	1.02e+05	1.45e+03	7.1e+01
156	PCB-200	3.11e+05	1.29e+03	2.4e+02	3.63e+05	1.45e+03	2.5e+02
157	PCB-198/199	1.96e+06	1.29e+03	1.5e+03	2.28e+06	1.45e+03	1.6e+03
158	PCB-196	1.08e+06	1.29e+03	8.4e+02	1.22e+06	1.45e+03	8.4e+02
159	PCB-203	1.29e+06	1.29e+03	1.0e+03	1.55e+06	1.45e+03	1.1e+03
160	PCB-195	8.22e+05	1.29e+03	6.4e+02	9.67e+05	1.45e+03	6.7e+02
161	PCB-194	2.18e+06	1.29e+03	1.7e+03	2.52e+06	1.45e+03	1.7e+03
162	PCB-205	1.60e+05	1.29e+03	1.2e+02	1.84e+05	1.45e+03	1.3e+02

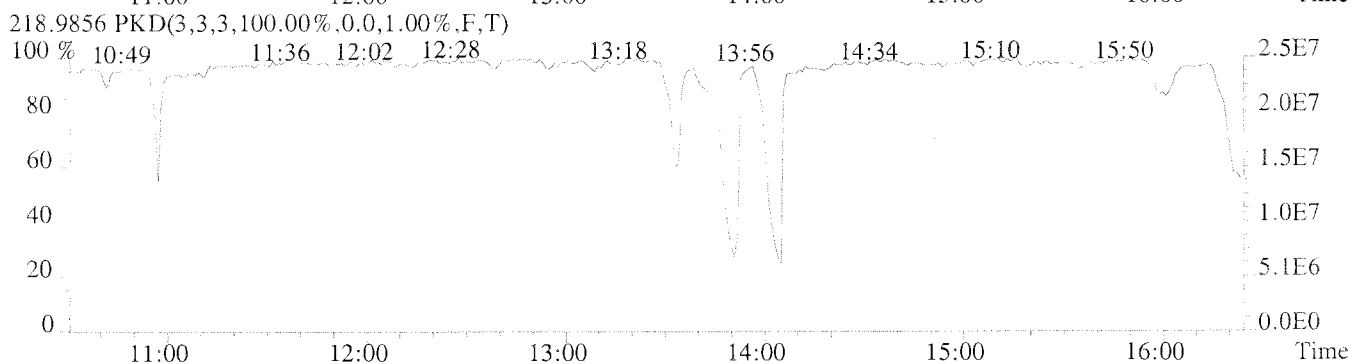
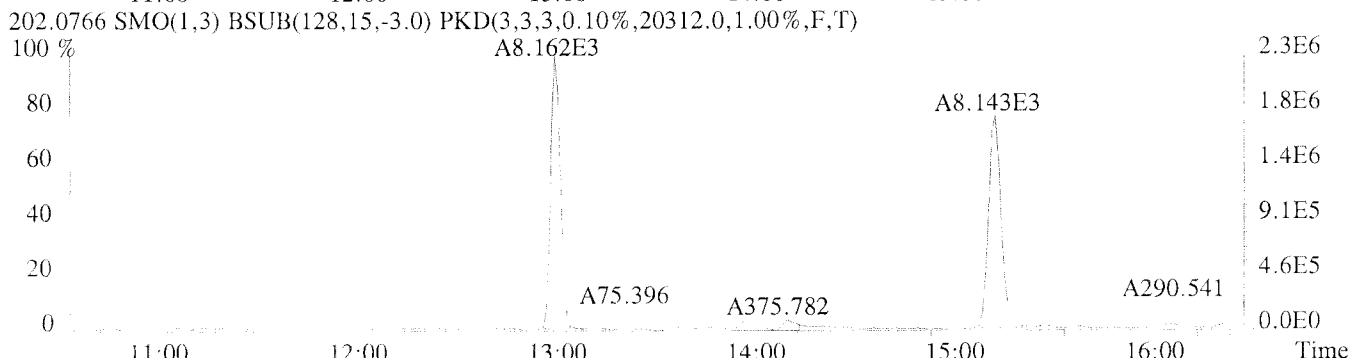
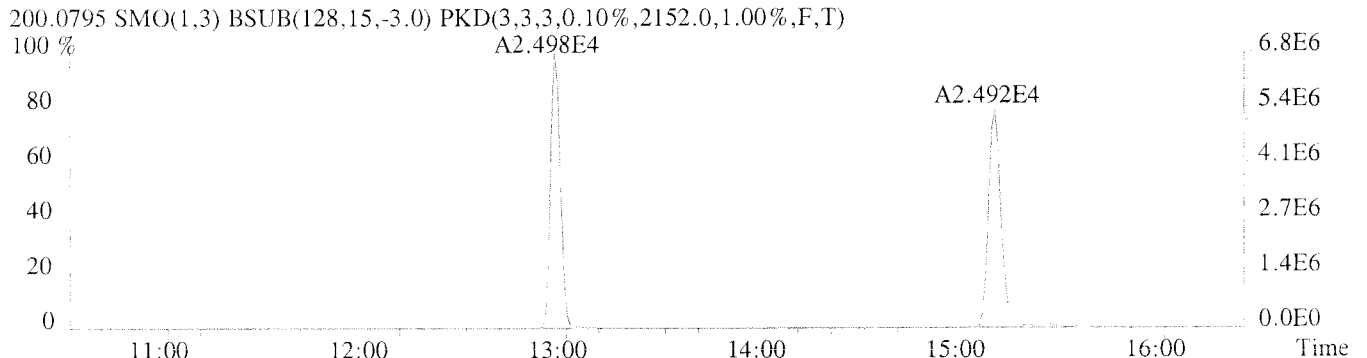
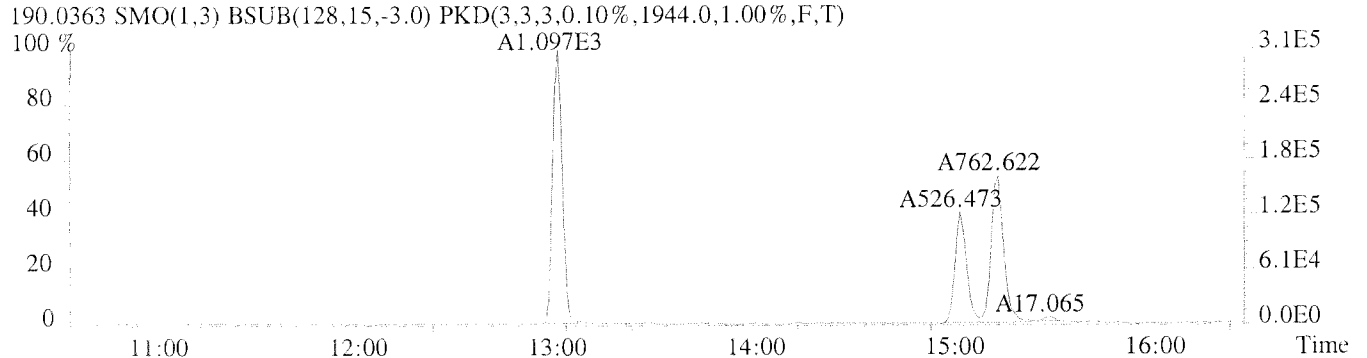
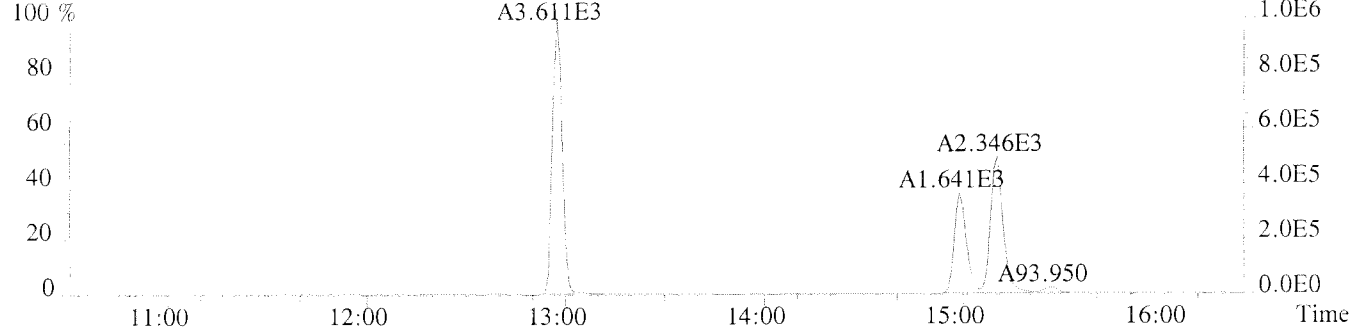
Run #10

Filename U224750#1 Samp: 1

Acquired: 14-JAN-11 21:25:02

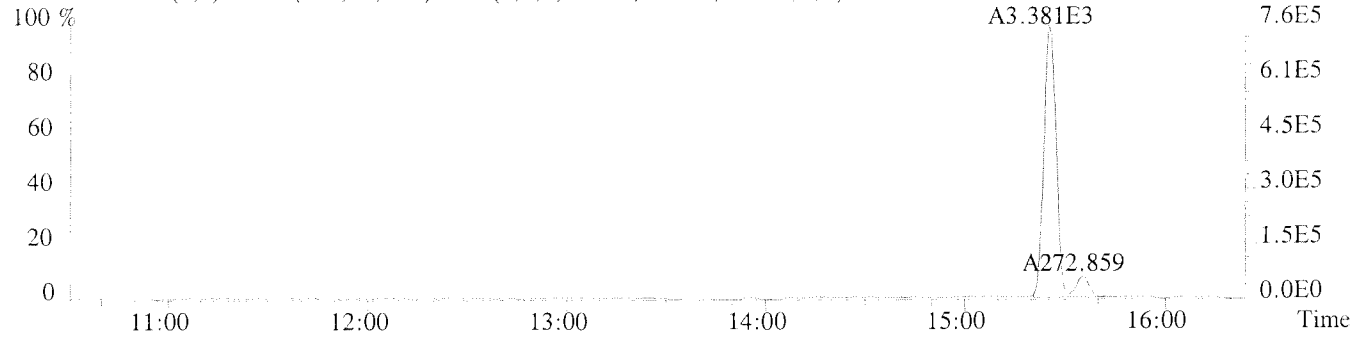
163	PCB-208	8.13e+04	1.34e+03	6.0e+01	1.00e+05	1.44e+03	7.0e+01
164	PCB-207	5.85e+04	1.34e+03	4.4e+01	7.37e+04	1.44e+03	5.1e+01
165	PCB-206	5.56e+05	1.40e+03	4.0e+02	7.31e+05	1.56e+03	4.7e+02
166	PCB-209	1.65e+05	1.39e+03	1.2e+02	1.46e+05	1.27e+03	1.1e+02
167	PCB-11L	6.79e+06	2.15e+03	3.2e+03	2.26e+06	2.03e+04	1.1e+02
168	PCB-3L	5.40e+06	2.15e+03	2.5e+03	1.75e+06	2.03e+04	8.6e+01
169	PCB-4L	3.34e+06	4.02e+03	8.3e+02	2.16e+06	1.69e+03	1.3e+03
170	PCB-15L	3.74e+06	5.76e+03	6.5e+02	2.32e+06	2.54e+03	9.1e+02
171	PCB-19L	2.31e+06	6.07e+04	3.8e+01	2.19e+06	6.07e+04	3.6e+01
172	PCB-37L	2.71e+06	7.54e+03	3.6e+02	2.65e+06	1.35e+04	2.0e+02
173	PCB-54L	2.36e+06	4.46e+03	5.3e+02	2.92e+06	1.59e+03	1.8e+03
174	PCB-81L	2.13e+06	2.30e+03	9.2e+02	2.70e+06	1.65e+03	1.6e+03
175	PCB-77L	2.24e+06	2.30e+03	9.7e+02	2.81e+06	1.65e+03	1.7e+03
176	PCB-104L	3.23e+06	9.48e+02	3.4e+03	2.02e+06	1.06e+03	1.9e+03
177	PCB-123L	3.16e+06	3.43e+03	9.2e+02	2.04e+06	3.26e+03	6.3e+02
178	PCB-118L	3.31e+06	3.43e+03	9.6e+02	2.15e+06	3.26e+03	6.6e+02
179	PCB-114L	3.25e+06	3.43e+03	9.5e+02	2.06e+06	3.26e+03	6.3e+02
180	PCB-105L	3.25e+06	3.43e+03	9.5e+02	2.09e+06	3.26e+03	6.4e+02
181	PCB-126L	3.15e+06	3.43e+03	9.2e+02	2.09e+06	3.26e+03	6.4e+02
182	PCB-155L	2.95e+06	1.85e+03	1.6e+03	2.24e+06	1.90e+03	1.2e+03
183	PCB-167L	2.98e+06	1.57e+03	1.9e+03	2.41e+06	1.92e+03	1.3e+03
184	PCB-156/157L	4.12e+06	1.57e+03	2.6e+03	3.26e+06	1.92e+03	1.7e+03
185	PCB-169L	2.54e+06	1.57e+03	1.6e+03	1.99e+06	1.92e+03	1.0e+03
186	PCB-188L	2.54e+06	1.11e+03	2.3e+03	2.36e+06	1.03e+03	2.3e+03
187	PCB-189L	2.32e+06	1.50e+03	1.5e+03	2.25e+06	1.32e+03	1.7e+03
188	PCB-202L	2.05e+06	1.36e+03	1.5e+03	2.34e+06	1.82e+03	1.3e+03
189	PCB-205L	1.97e+06	1.36e+03	1.4e+03	2.20e+06	1.82e+03	1.2e+03
190	PCB-208L	1.56e+06	1.30e+03	1.2e+03	1.94e+06	1.37e+03	1.4e+03
191	PCB-206L	1.54e+06	1.40e+03	1.1e+03	2.02e+06	1.09e+03	1.9e+03
192	PCB-209L	2.19e+06	1.31e+03	1.7e+03	1.83e+06	1.22e+03	1.5e+03
193	PCB-28L	3.58e+06	7.54e+03	4.7e+02	3.44e+06	1.35e+04	2.5e+02
194	PCB-111L	3.26e+06	2.06e+03	1.6e+03	2.11e+06	2.64e+03	8.0e+02
195	PCB-178L	1.79e+06	1.11e+03	1.6e+03	1.71e+06	1.03e+03	1.7e+03
196	PCB-9L	1.22e+07	5.76e+03	2.1e+03	8.10e+06	2.54e+03	3.2e+03
197	PCB-52L	5.30e+06	2.28e+03	2.3e+03	6.72e+06	1.78e+03	3.8e+03
198	PCB-101L	6.47e+06	2.06e+03	3.1e+03	4.08e+06	2.64e+03	1.5e+03
199	PCB-138L	6.70e+06	1.15e+03	5.8e+03	5.28e+06	1.69e+03	3.1e+03
200	PCB-194L	3.51e+06	1.36e+03	2.6e+03	3.80e+06	1.82e+03	2.1e+03

File:U224750 #1-379 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-001 USENN/S011

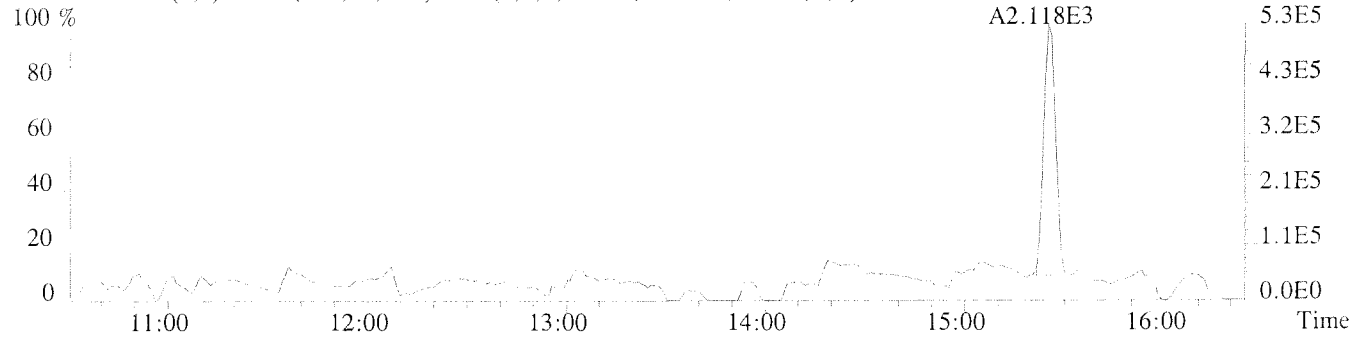


File:U224750 #1-379 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-001 USENN/S011

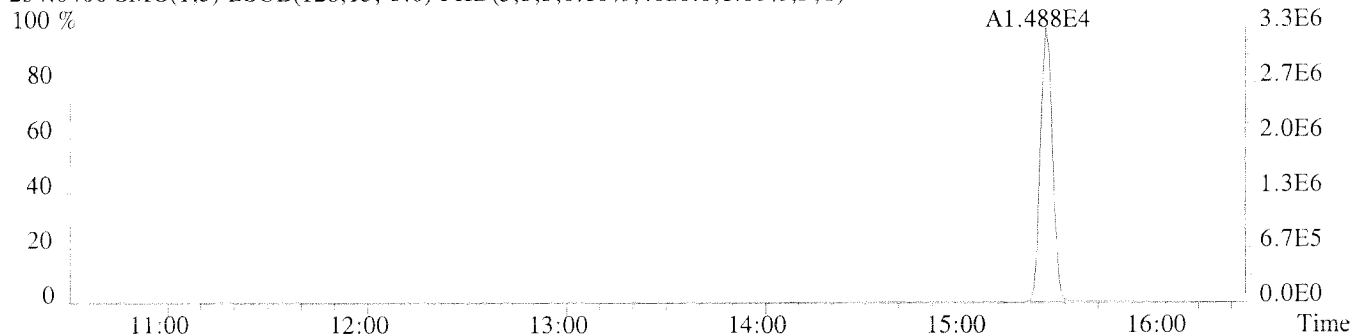
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4780.0,1.00%,F,T)



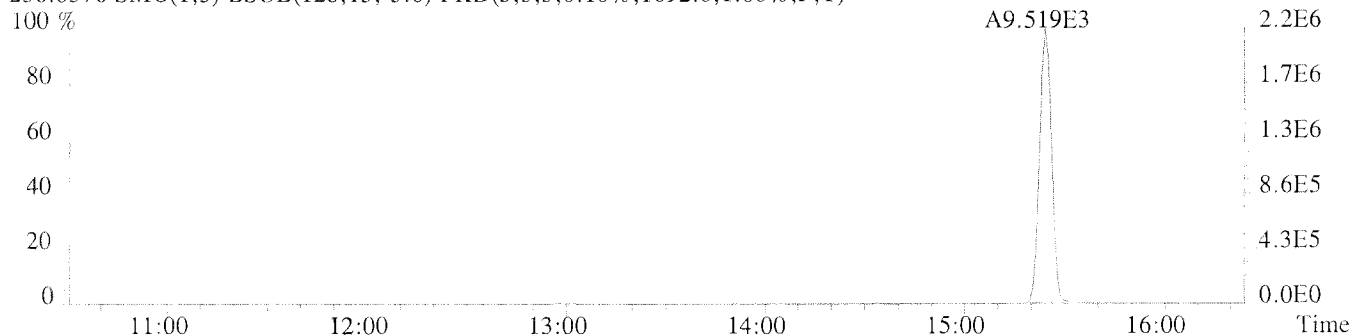
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,43196.0,1.00%,F,T)



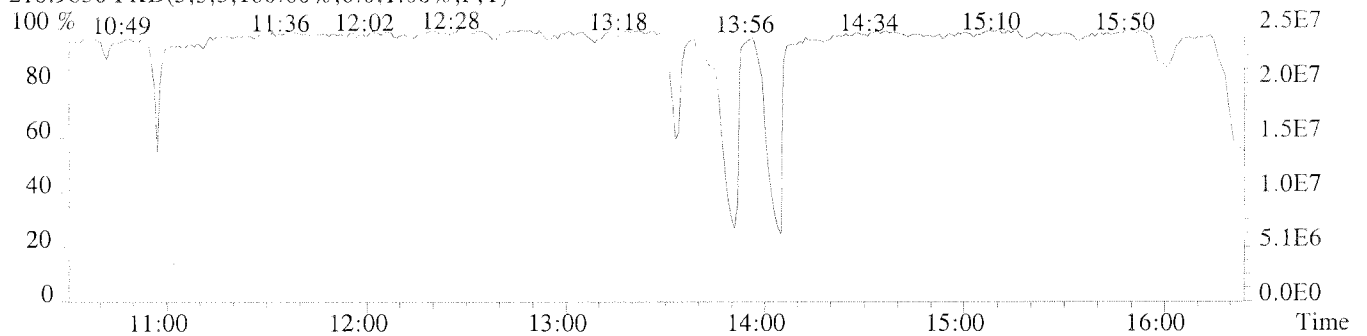
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4020.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1692.0,1.00%,F,T)

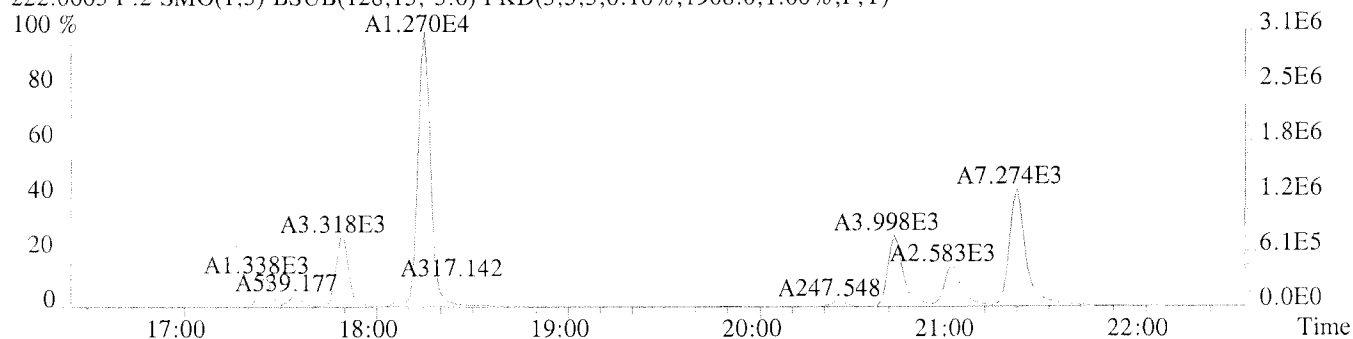


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

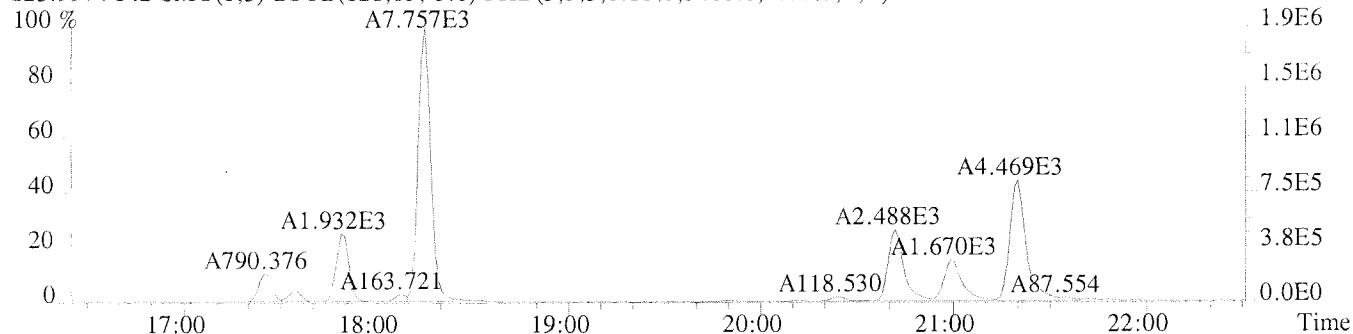


File:U224750 #1-337 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-001 USENN/S011

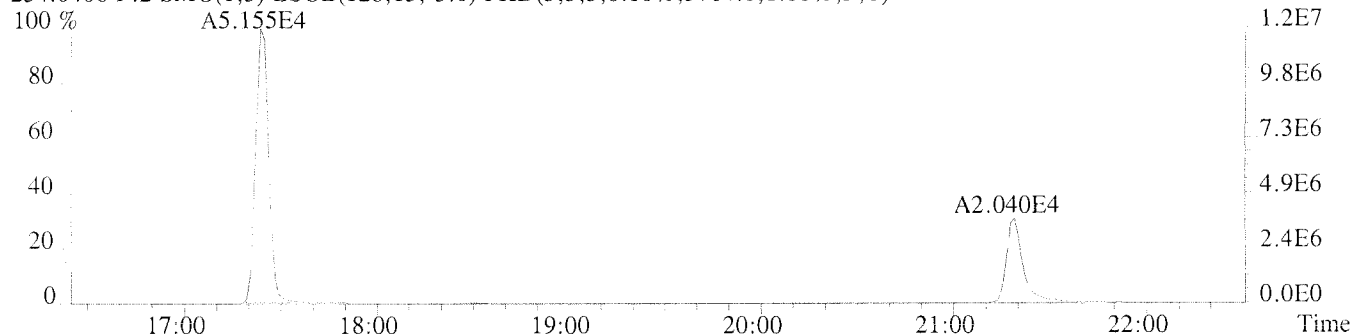
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1908.0,1.00%,F,T)



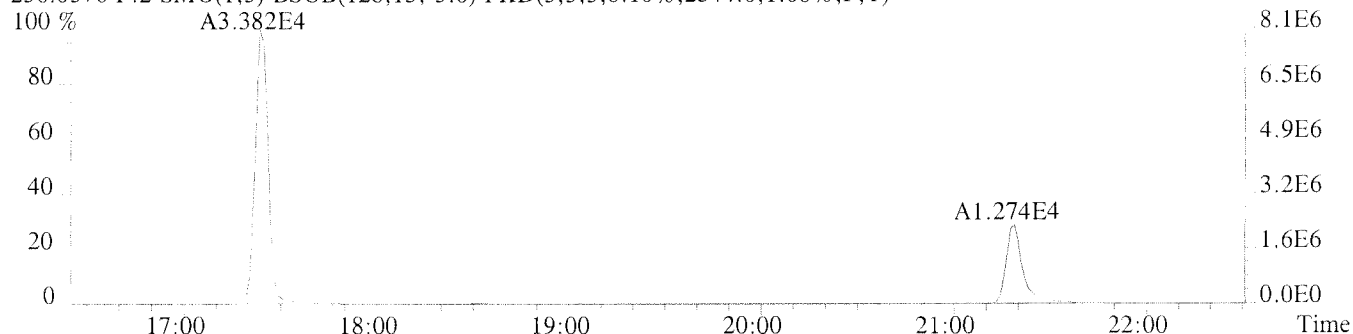
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5468.0,1.00%,F,T)



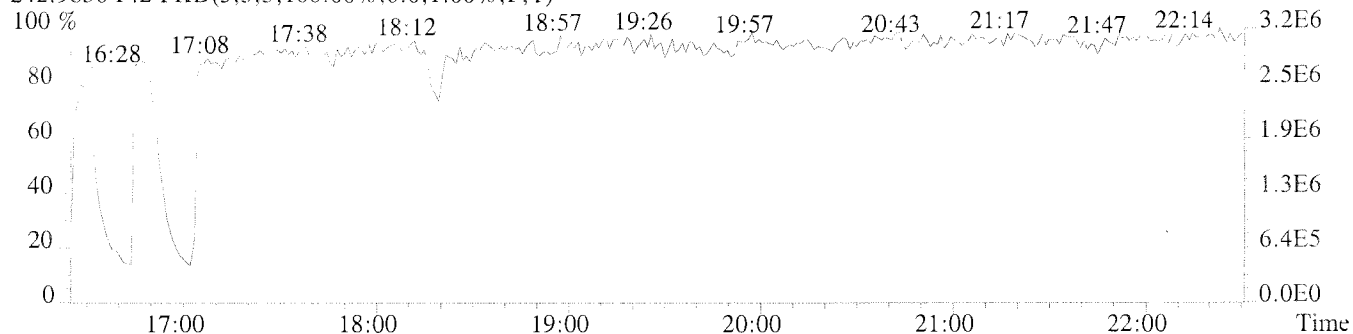
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5764.0,1.00%,F,T)



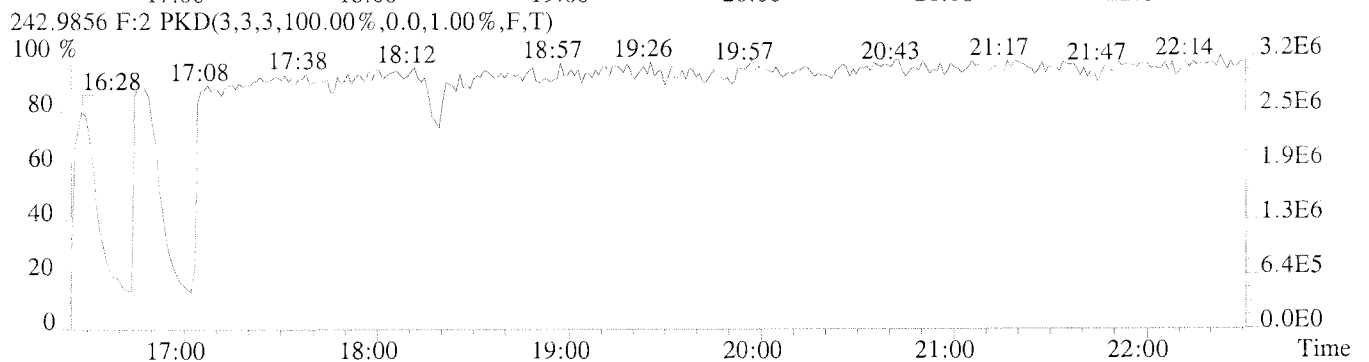
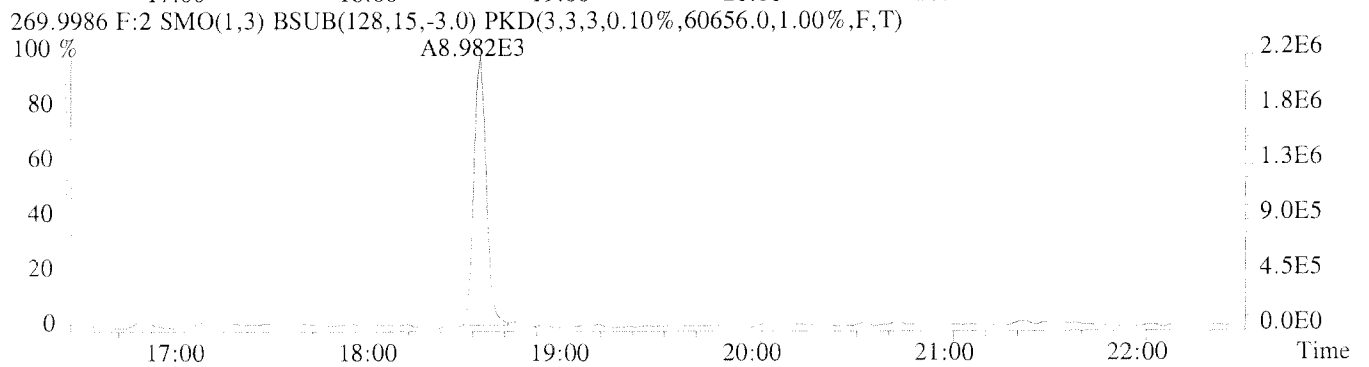
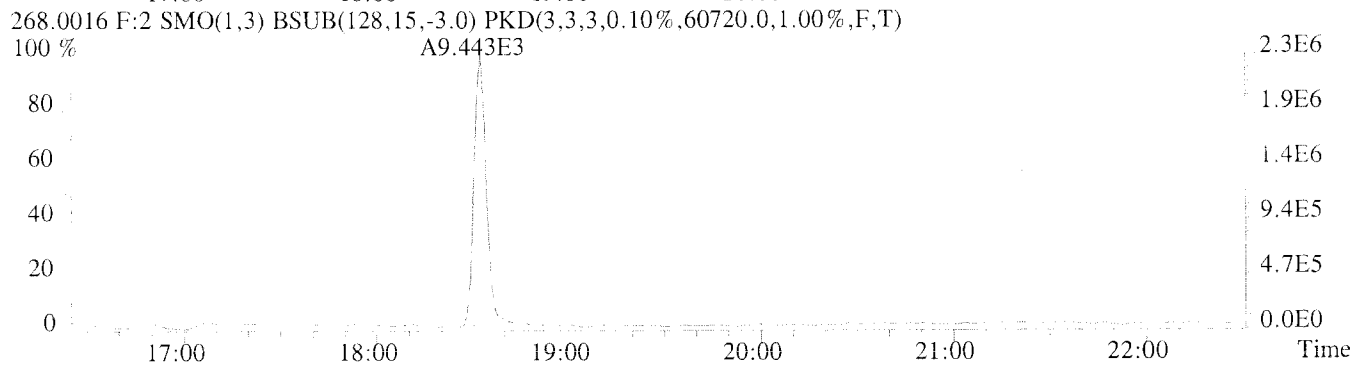
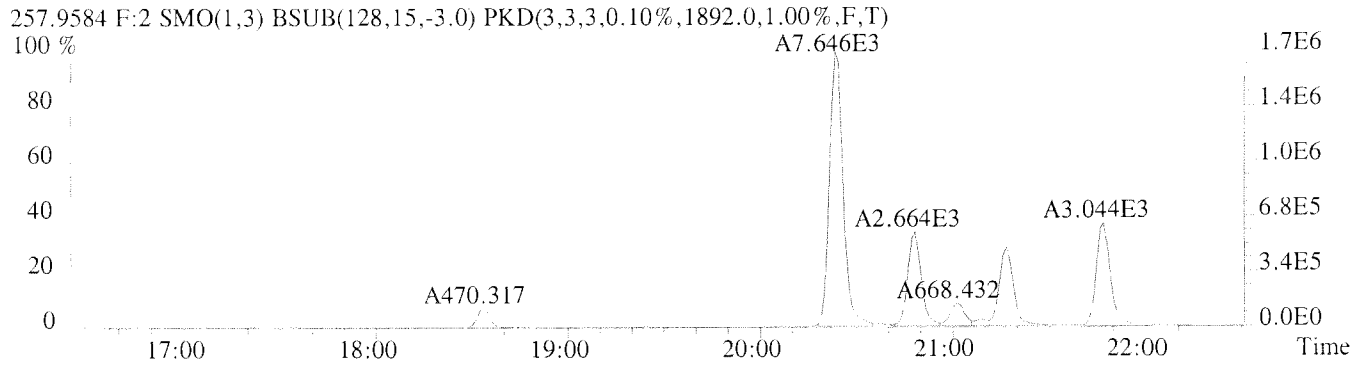
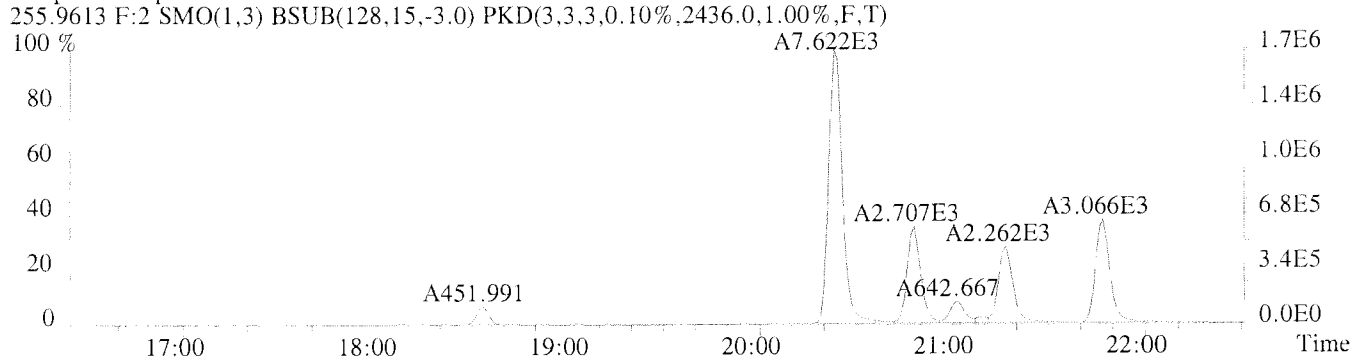
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2544.0,1.00%,F,T)



242.9856 F:2 PKD(3,3,3,100.00%.0.0,1.00%,F,T)

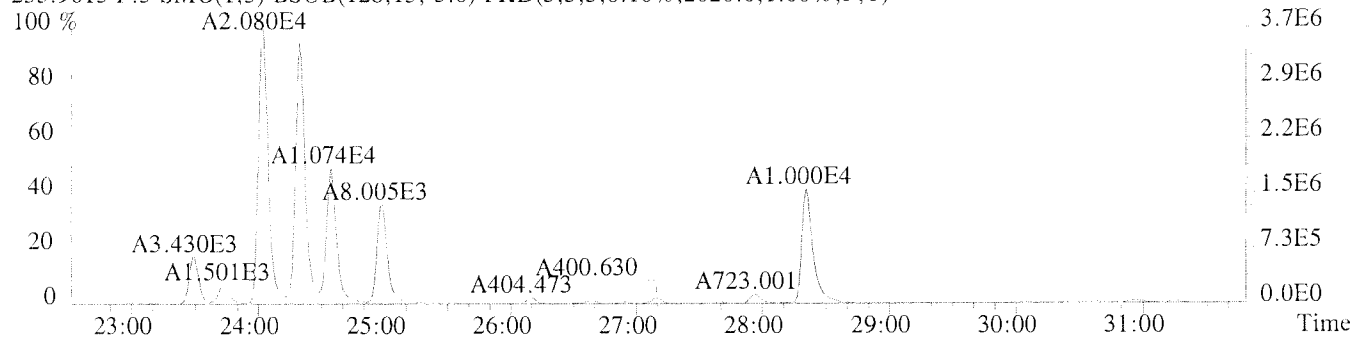


File:U224750 #1-337 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-001 USENN/S011

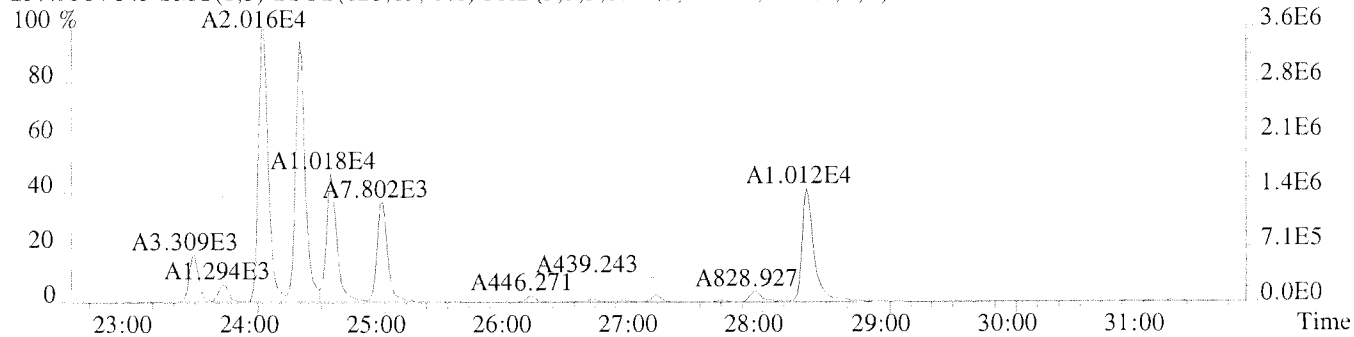


File:U224750 #1-594 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-001 USENN/S011

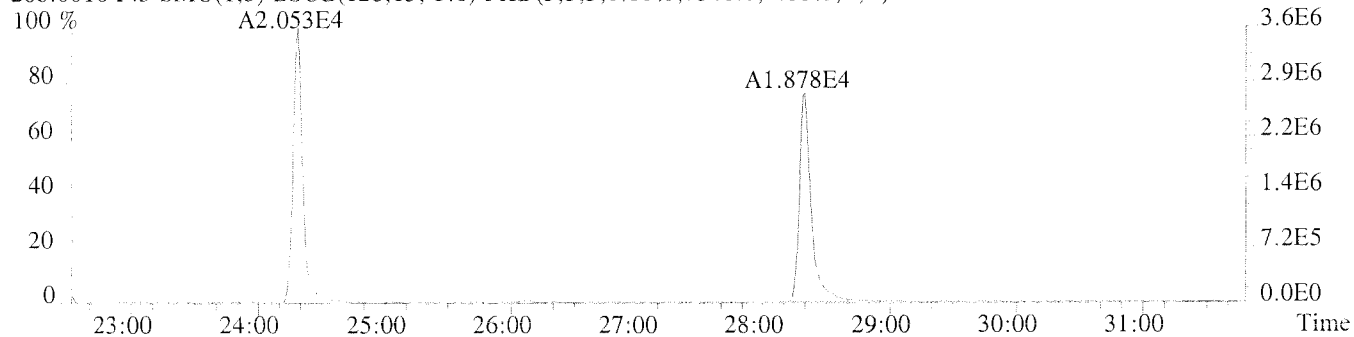
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2020.0,1.00%,F,T)



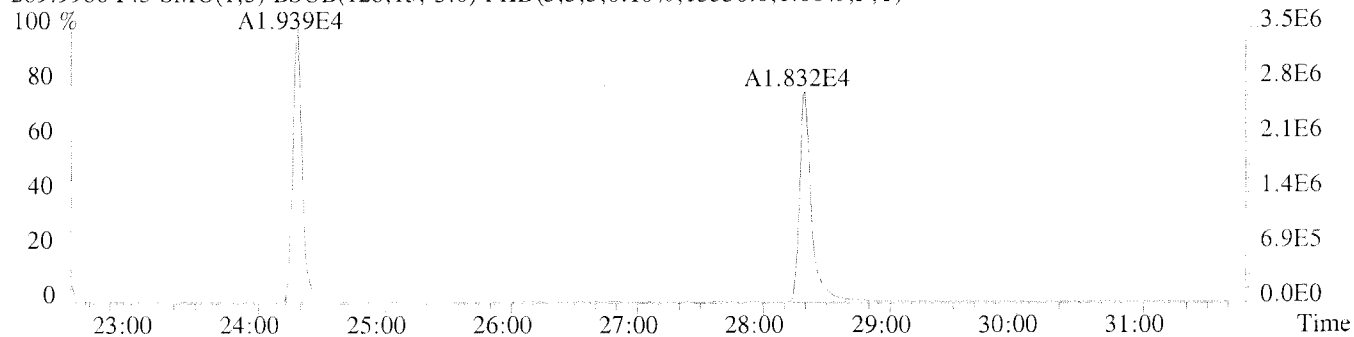
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2156.0,1.00%,F,T)



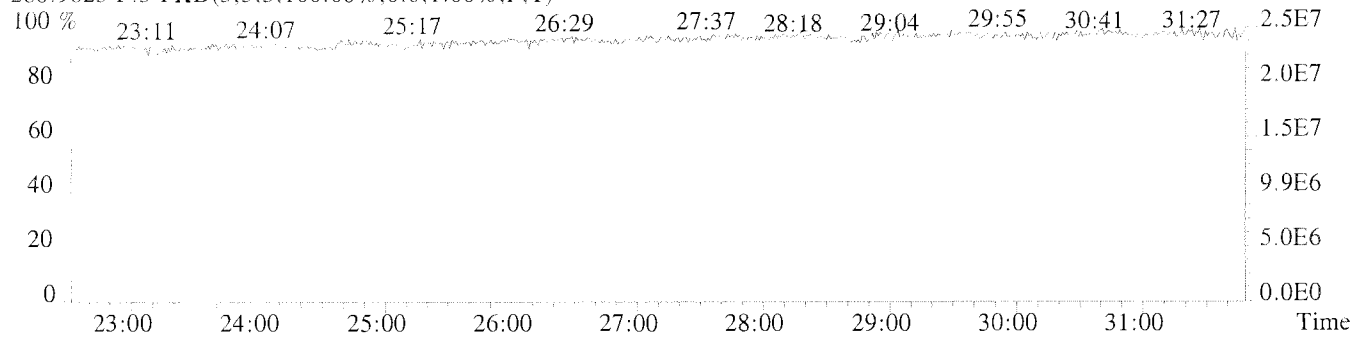
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7540.0,1.00%,F,T)



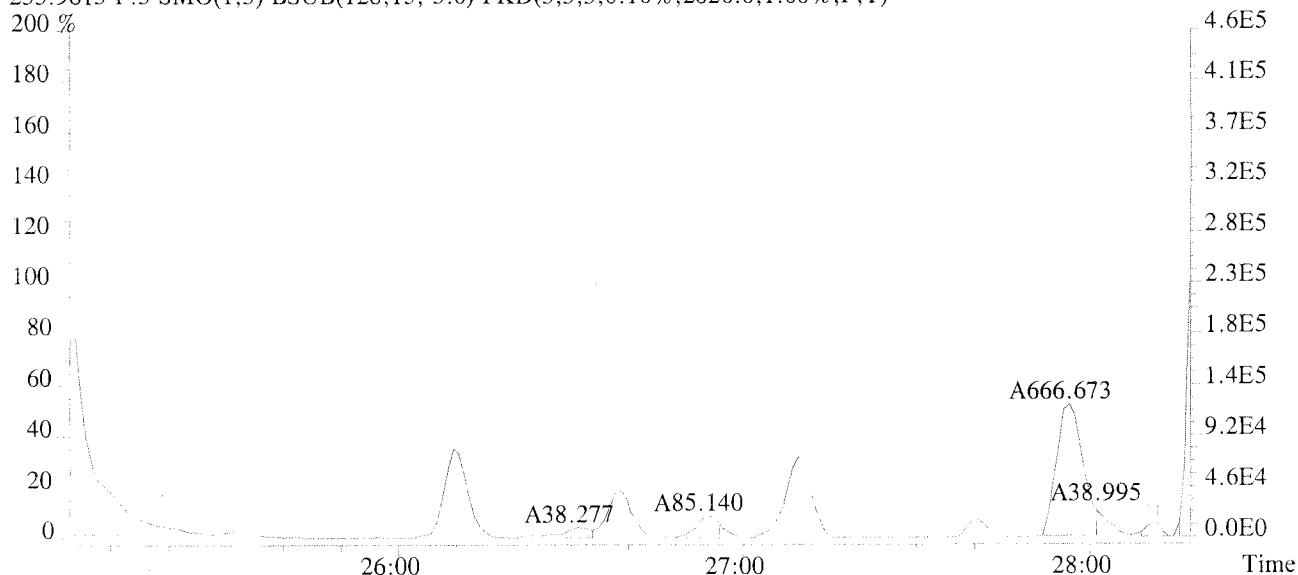
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13536.0,1.00%,F,T)



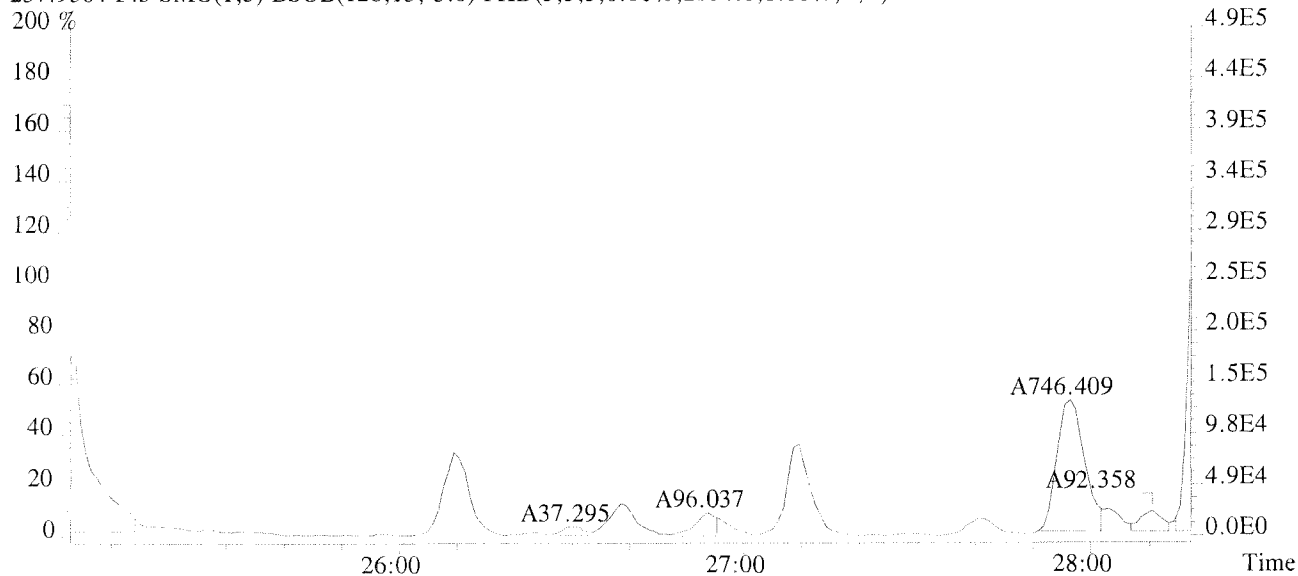
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



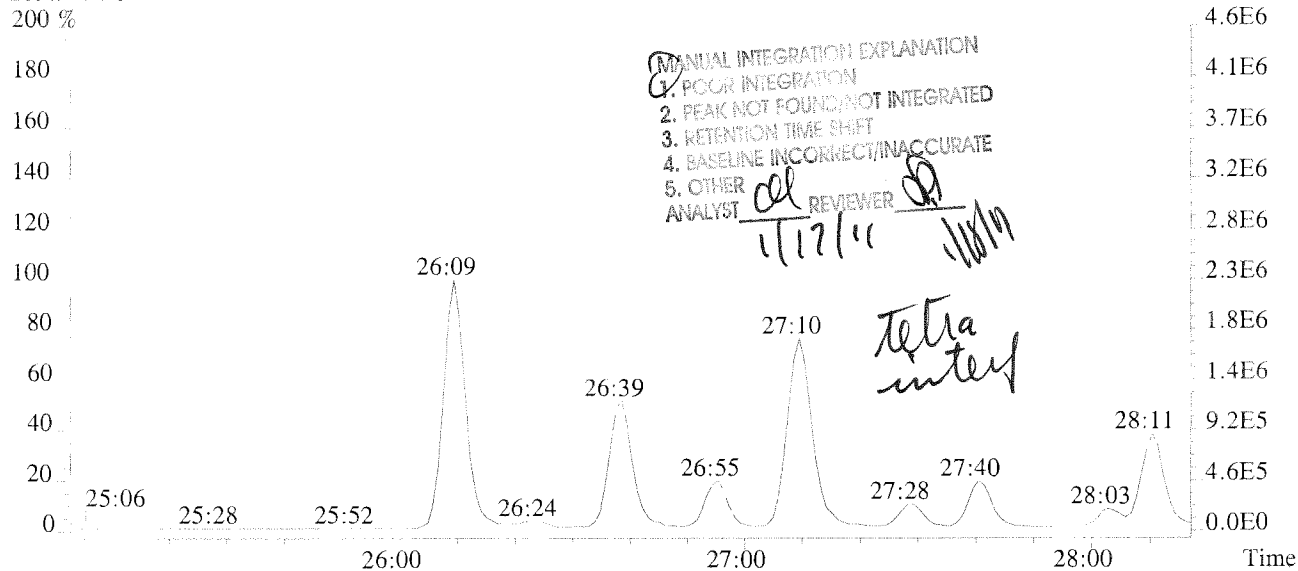
File:U224750 #1-594 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-001 USENN/S011
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2020.0,1.00%,F,T)



257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2156.0,1.00%,F,T)

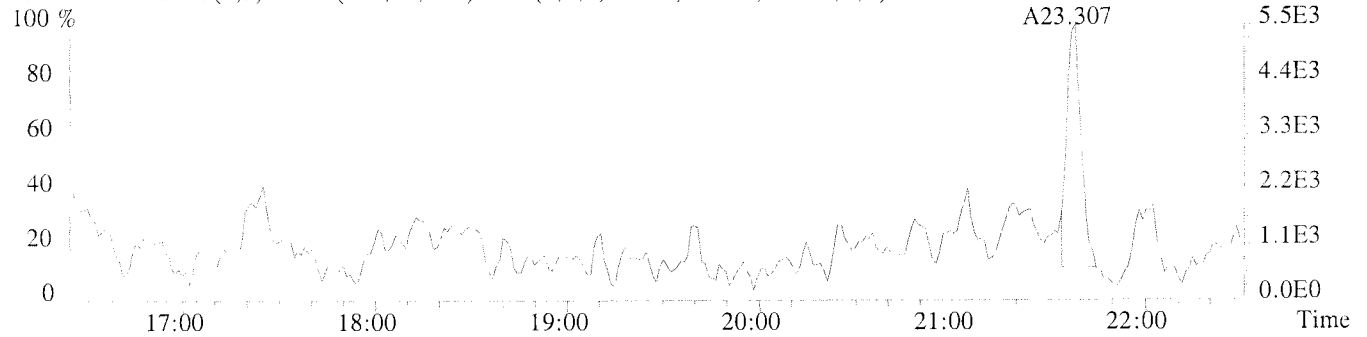


289.9224 F:3

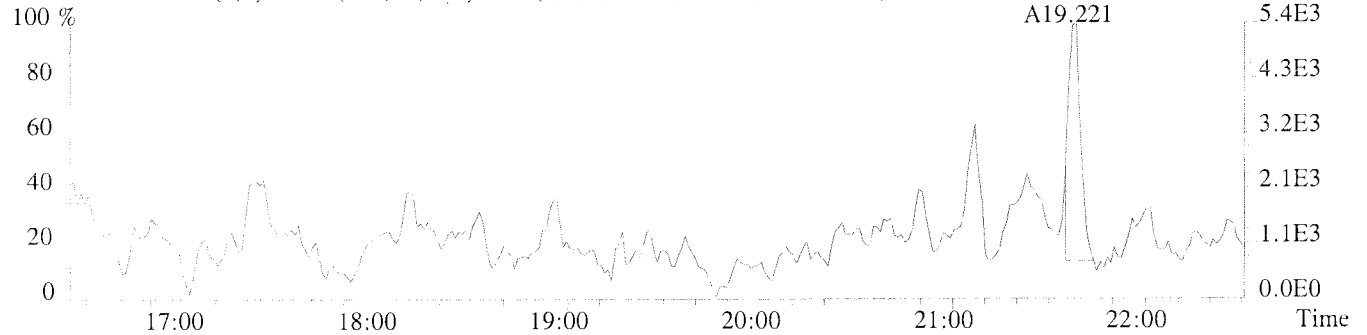


File:U224750 #1-337 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-001 USENN/S011

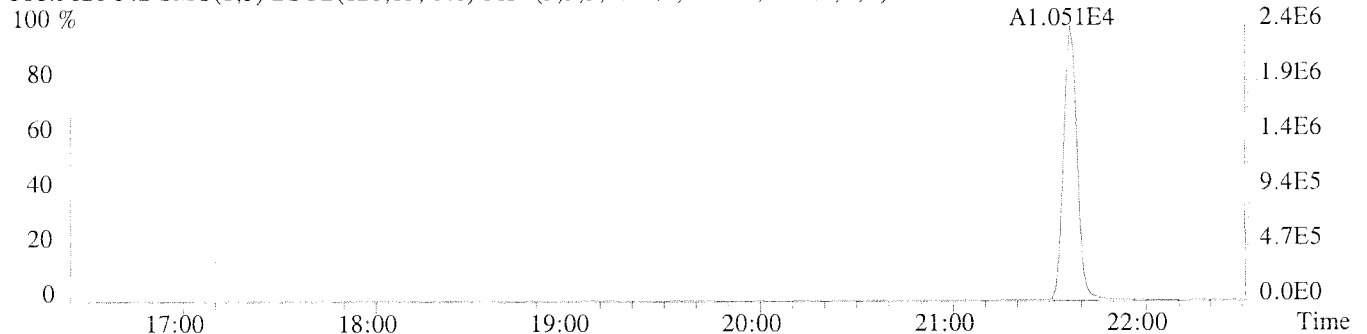
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1312.0,1.00%,F,T)



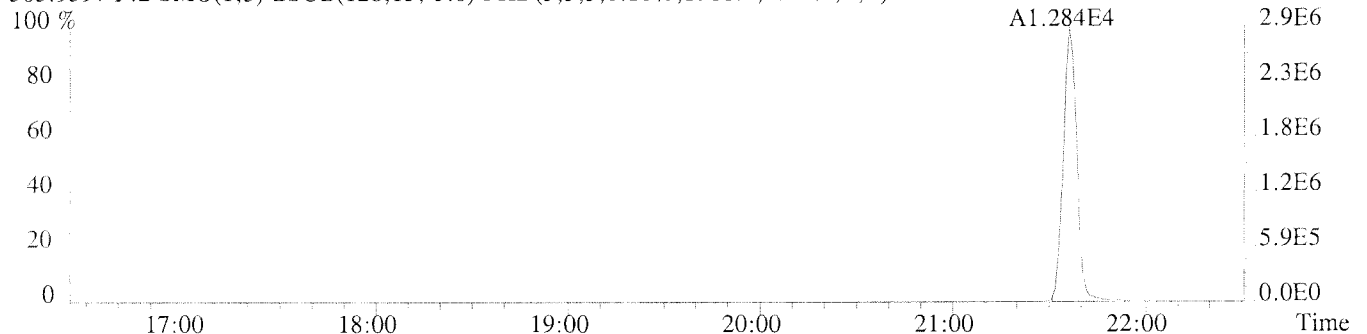
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1436.0,1.00%,F,T)



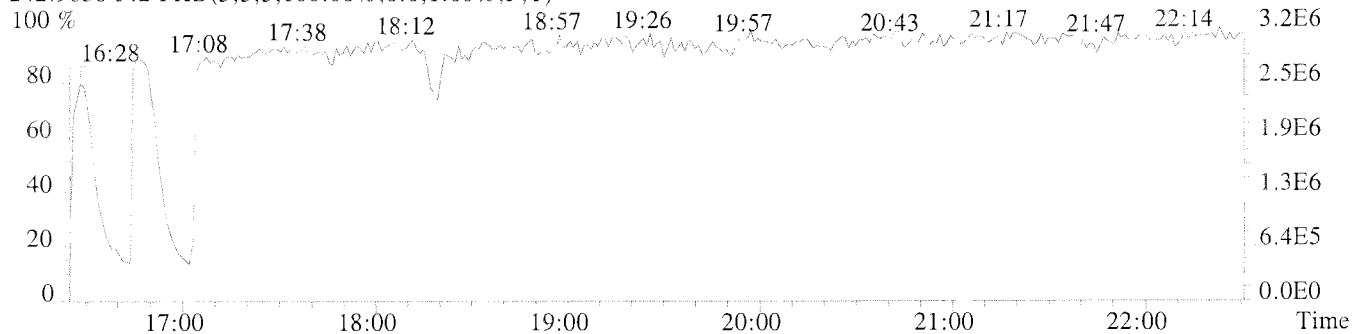
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4456.0,1.00%,F,T)



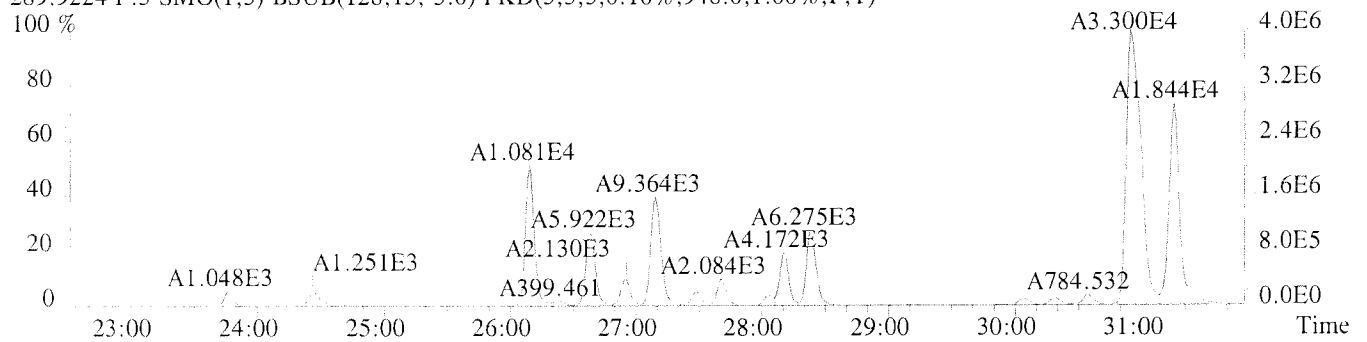
303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1588.0,1.00%,F,T)



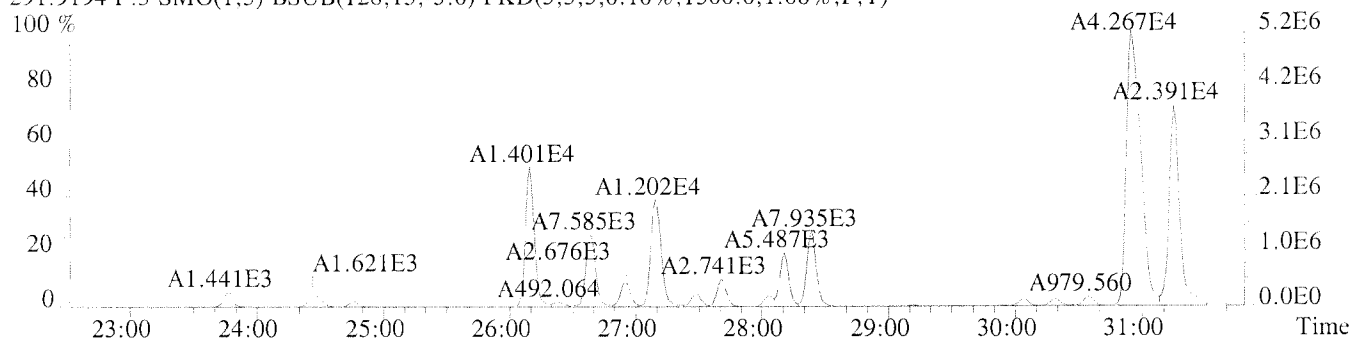
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



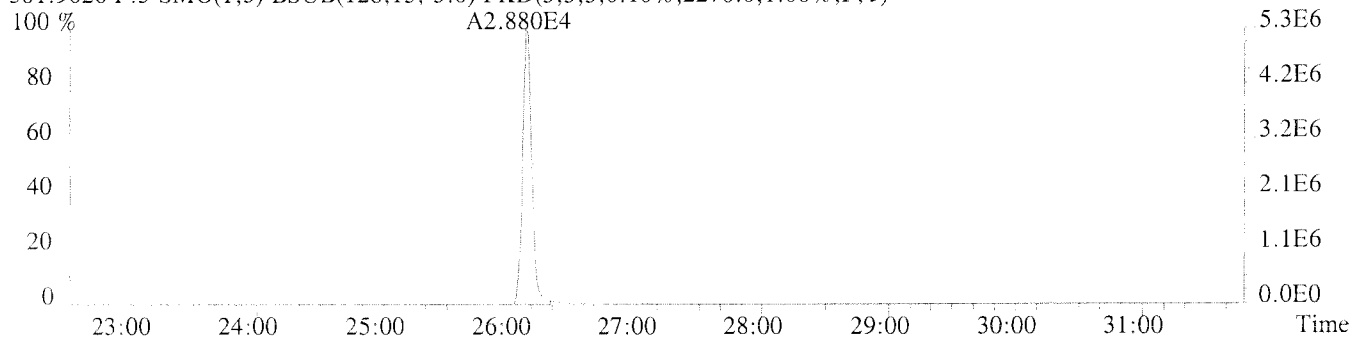
File:U224750 #1-594 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-001 USENN/S011
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,948.0,1.00%,F,T)
 100 %



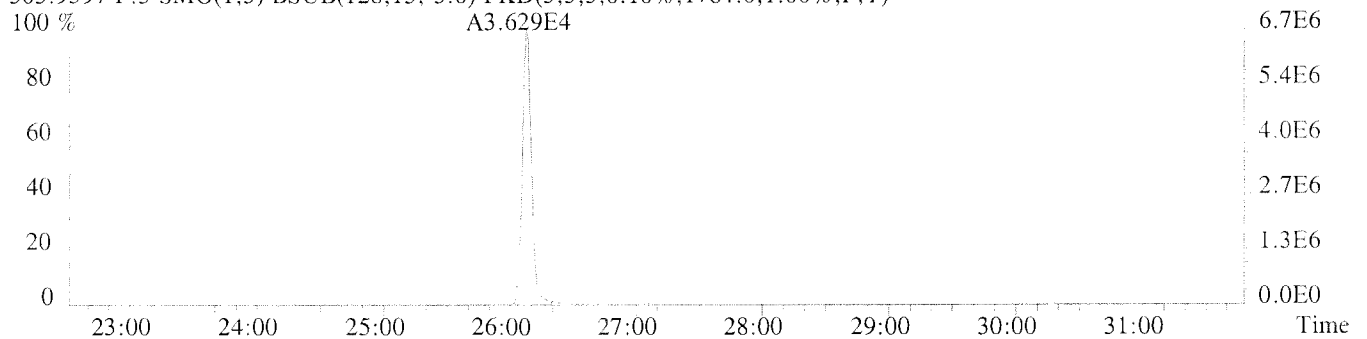
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1300.0,1.00%,F,T)
 100 %



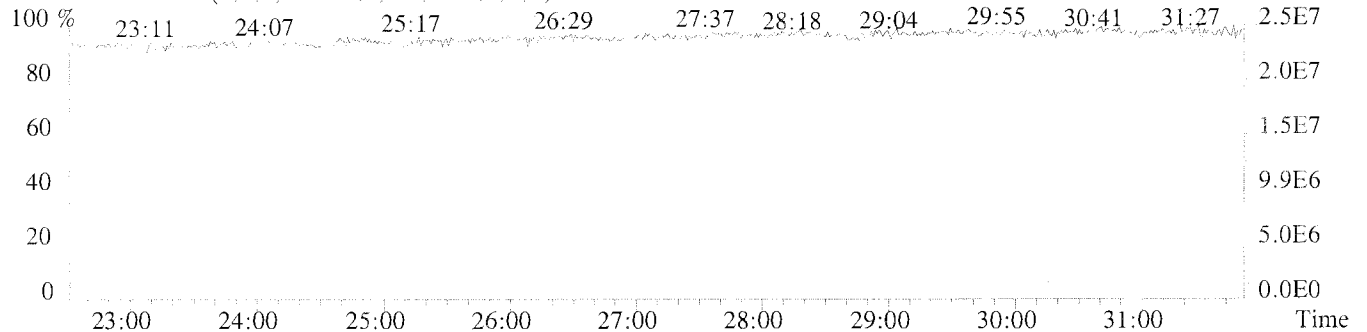
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2276.0,1.00%,F,T)
 100 %



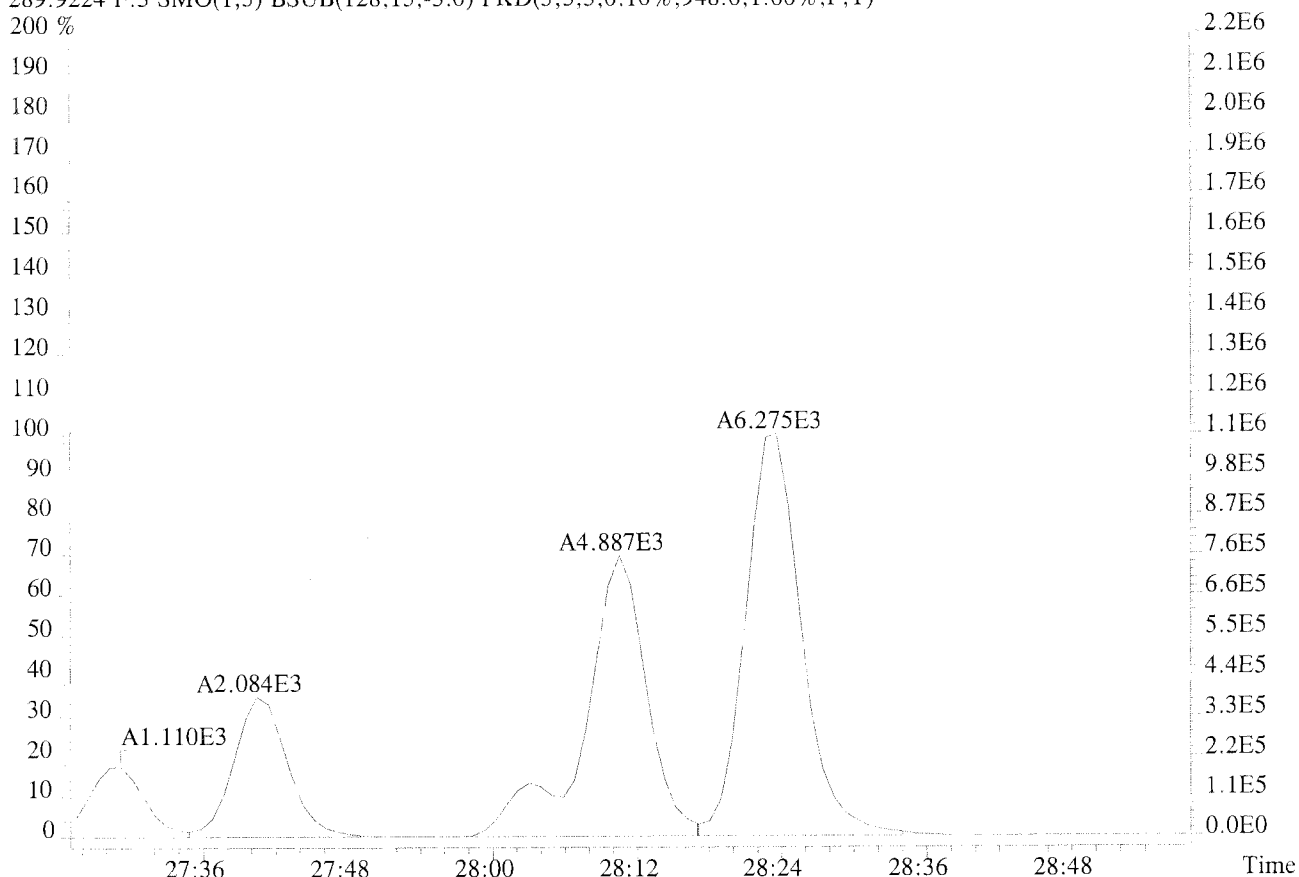
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1784.0,1.00%,F,T)
 100 %



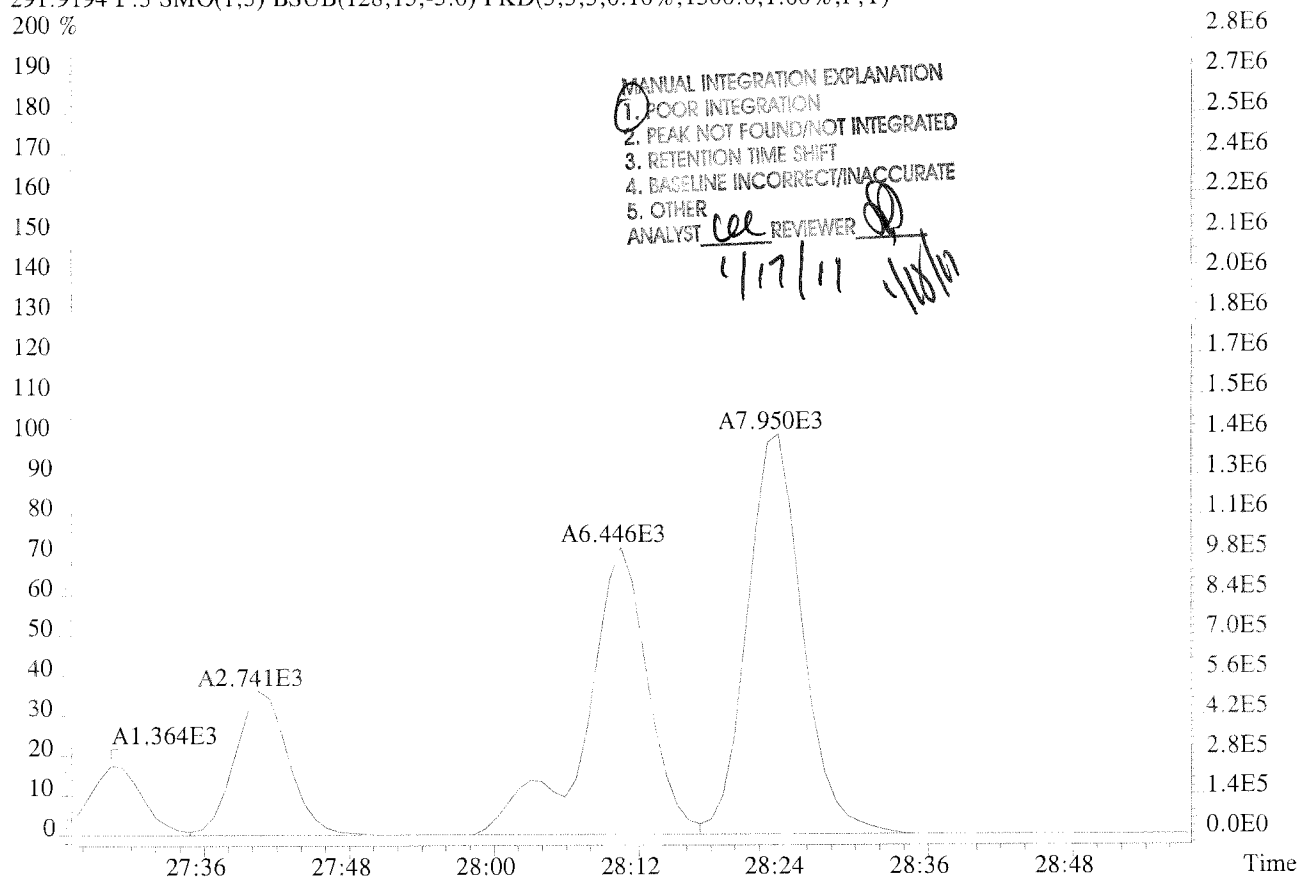
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



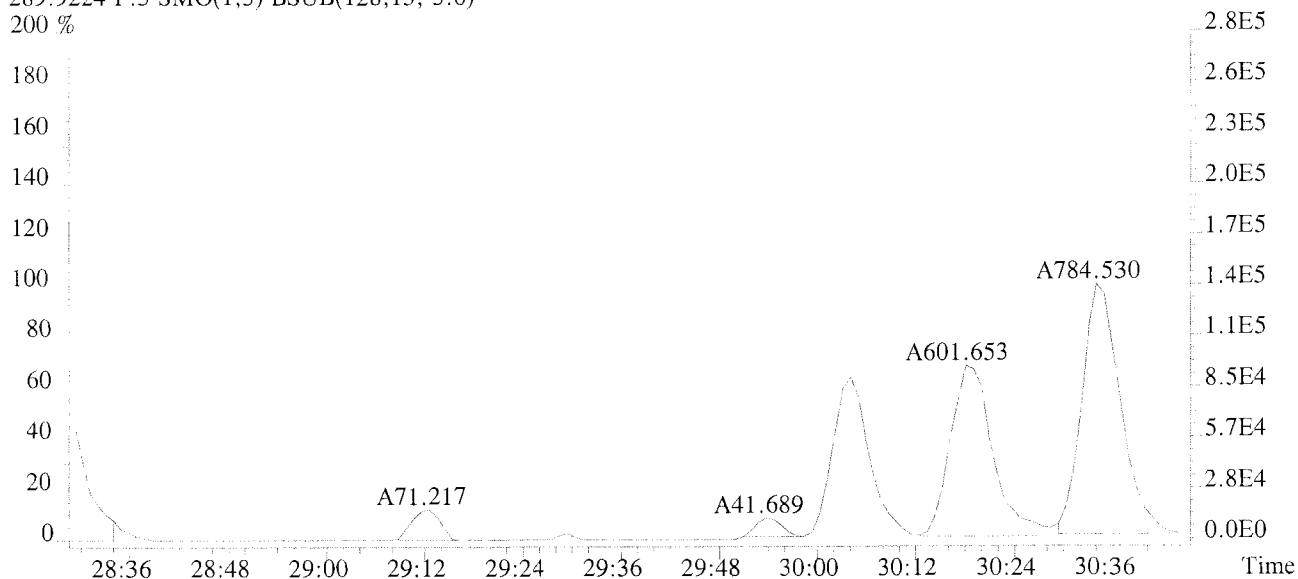
File:U224750 #1-594 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-001 USENN/S011
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,948.0,1.00%,F,T)
 200 %



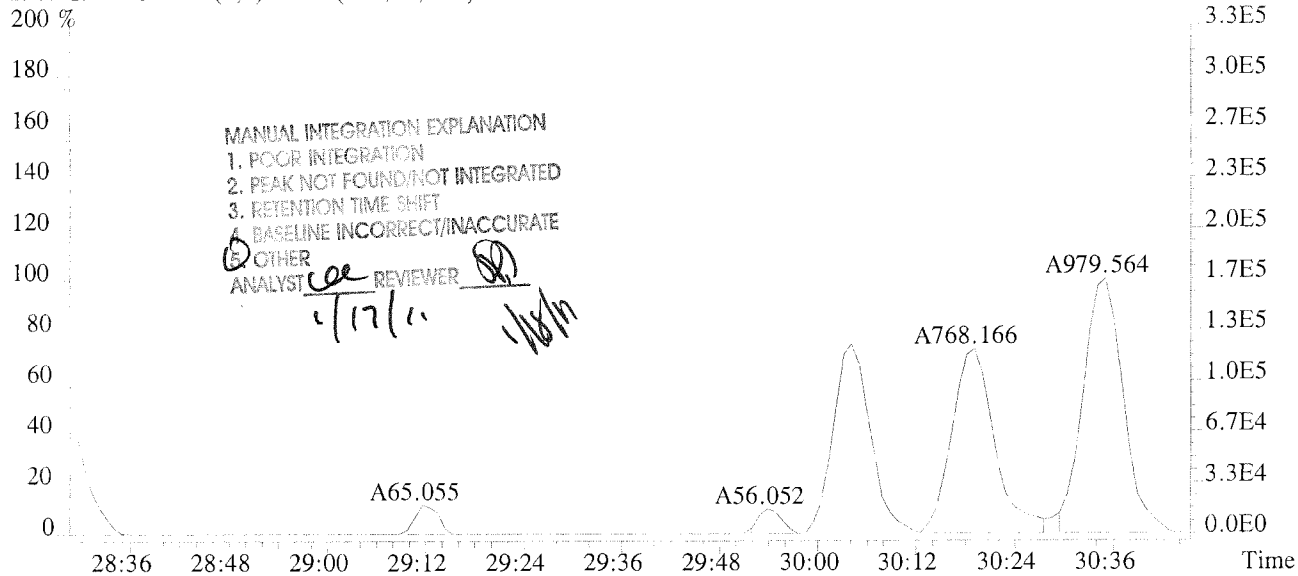
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1300.0,1.00%,F,T)
 200 %



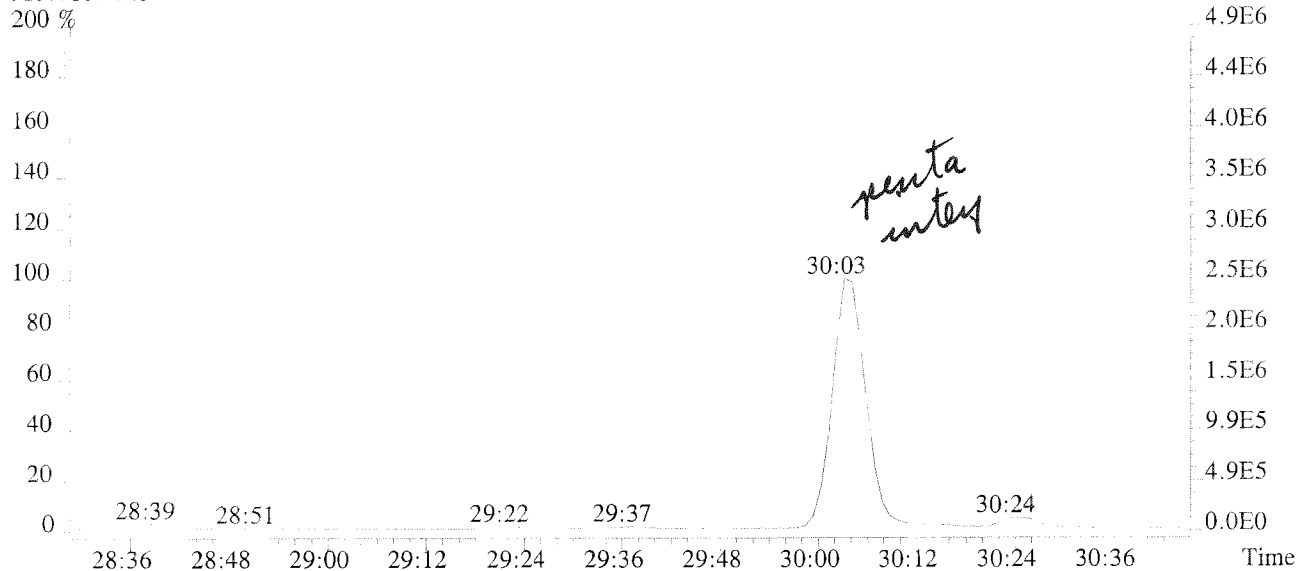
File:U224750 #1-594 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass sF
 Sample#1 Exp:K1013433-001 USENN/S011
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0)



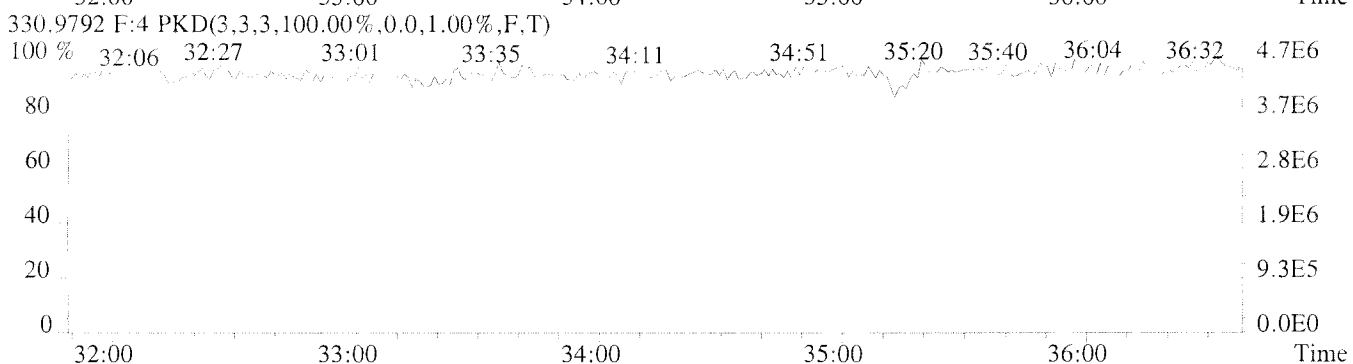
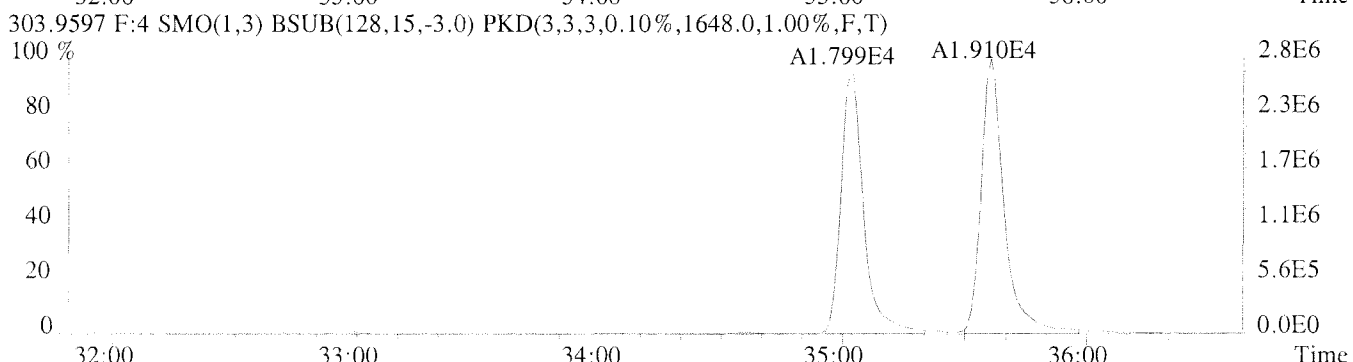
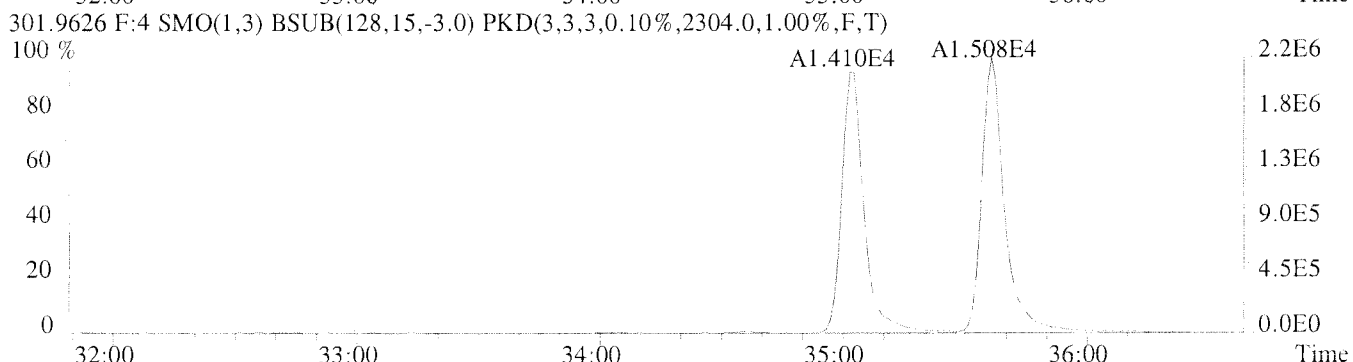
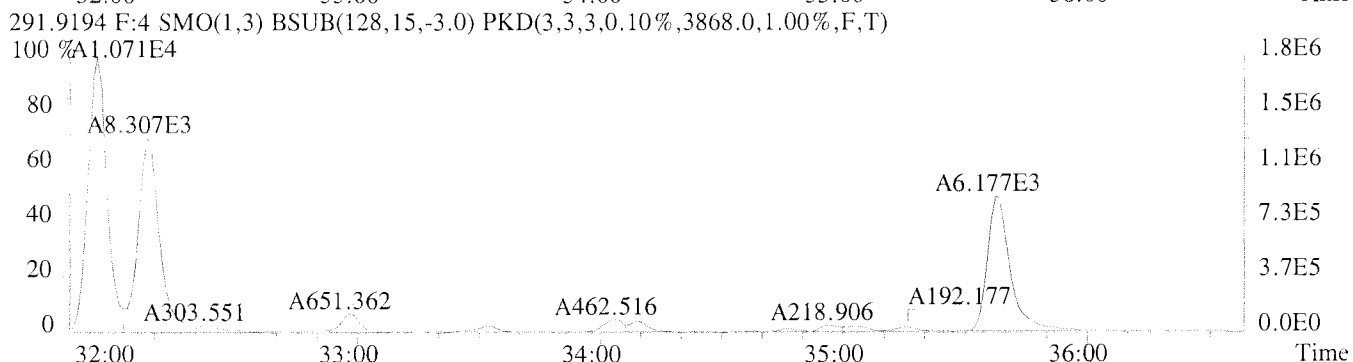
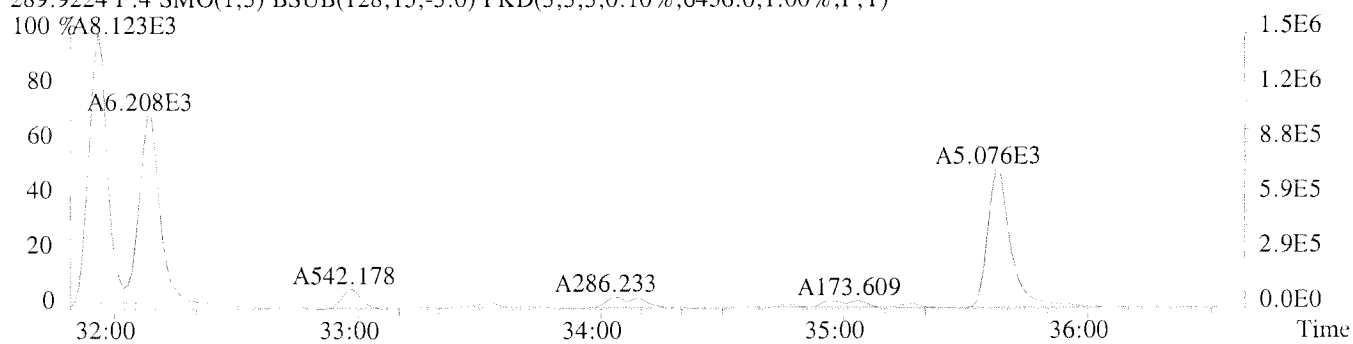
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0)



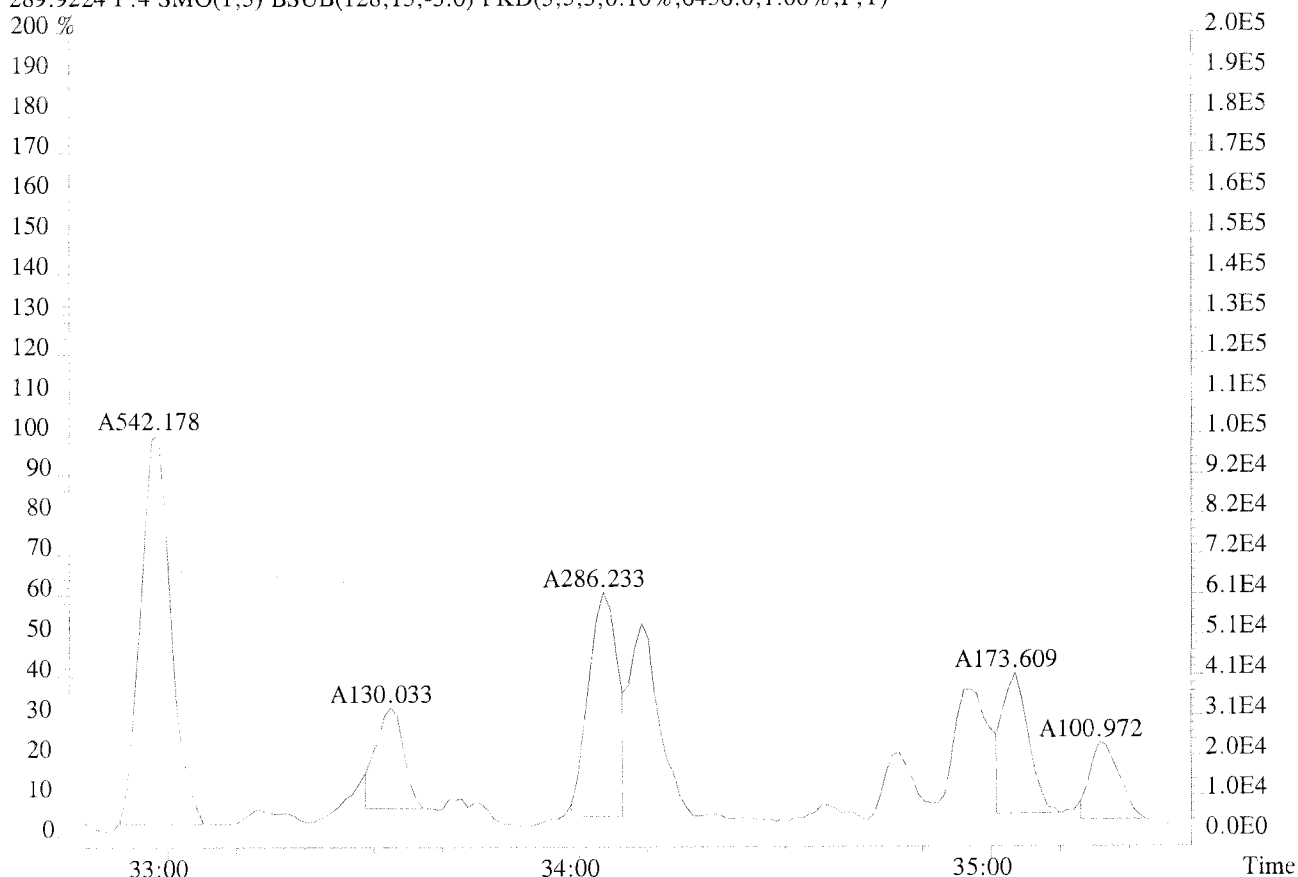
325.8804 F:3



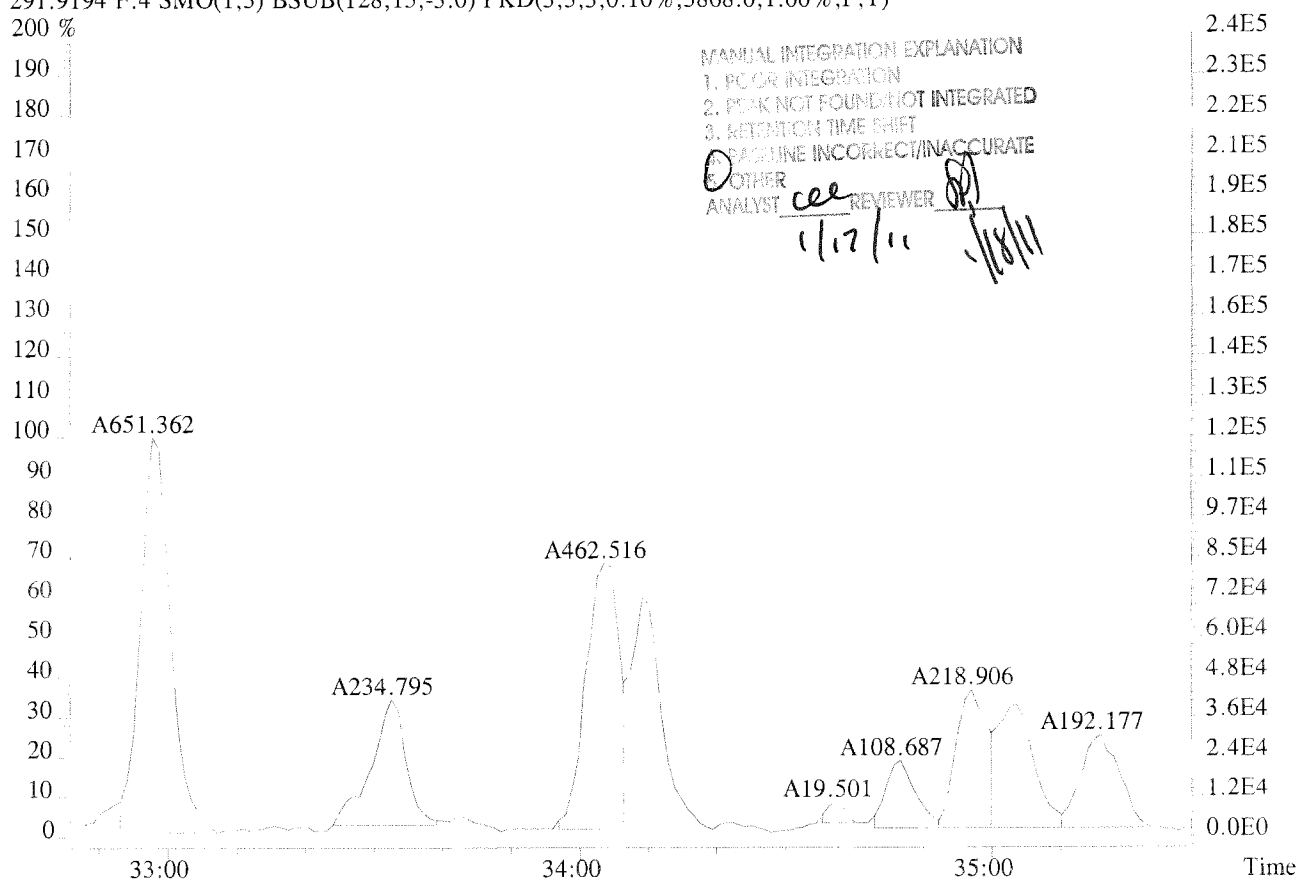
File:U224750 #1-309 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-001 USENN/S011
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6456.0,1.00%,F,T)
100 %A8.123E3



File:U224750 #1-309 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-001 USENN/S011
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6456.0,1.00%,F,T)
 200 %

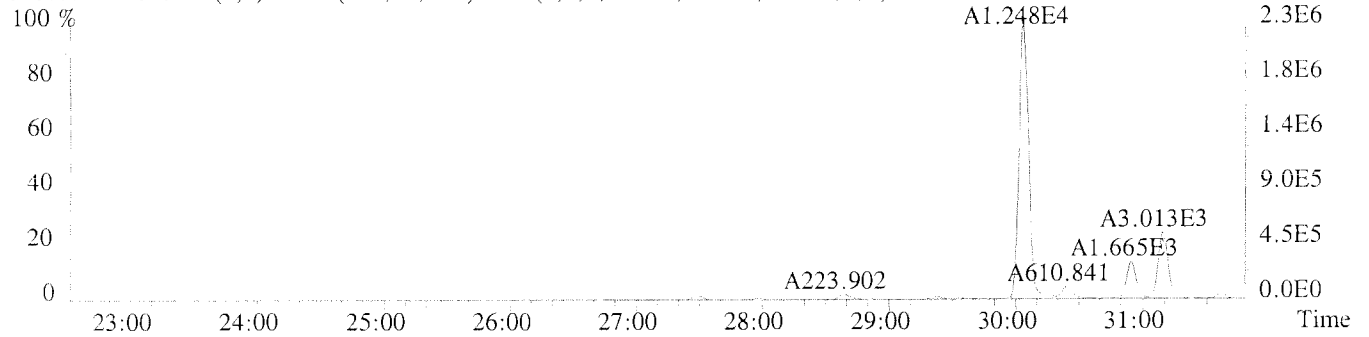


291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3868.0,1.00%,F,T)
 200 %

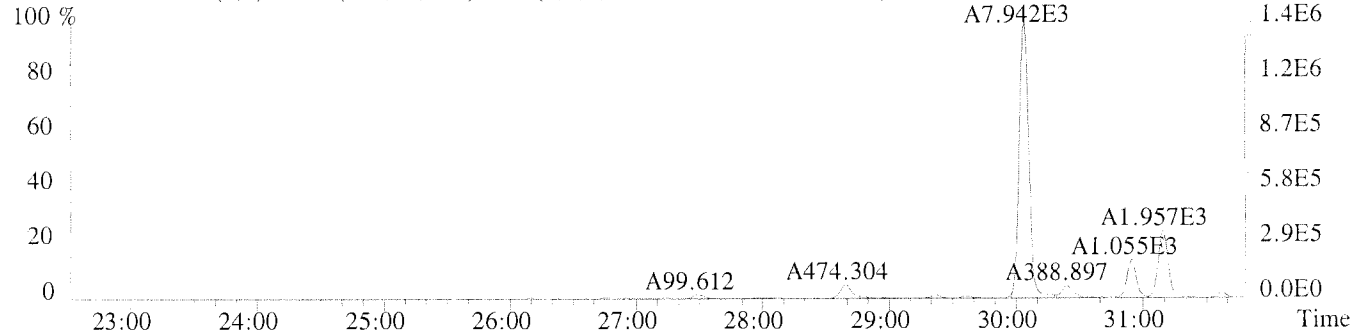


File:U224750 #1-594 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-001 USENN/S011

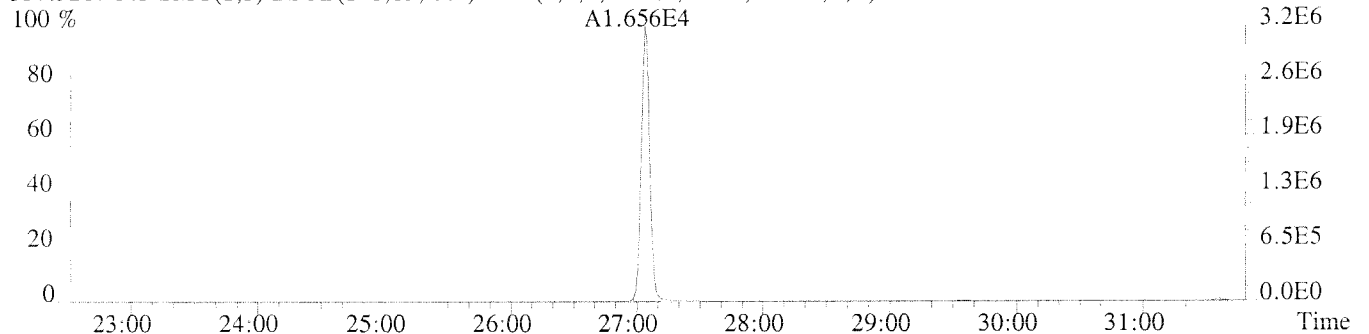
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)



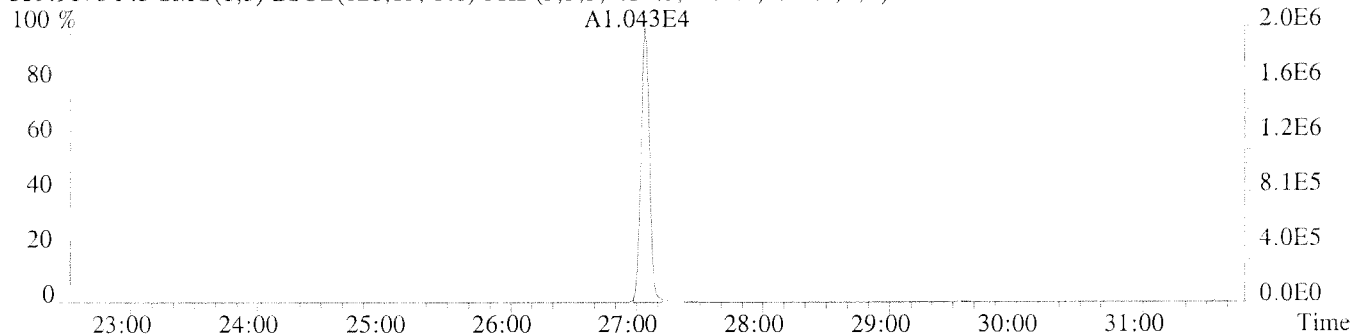
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1356.0,1.00%,F,T)



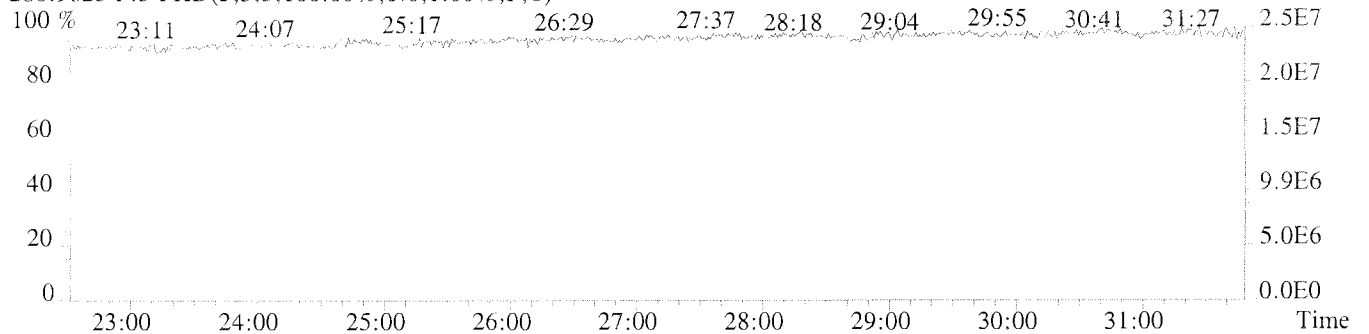
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,948.0,1.00%,F,T)



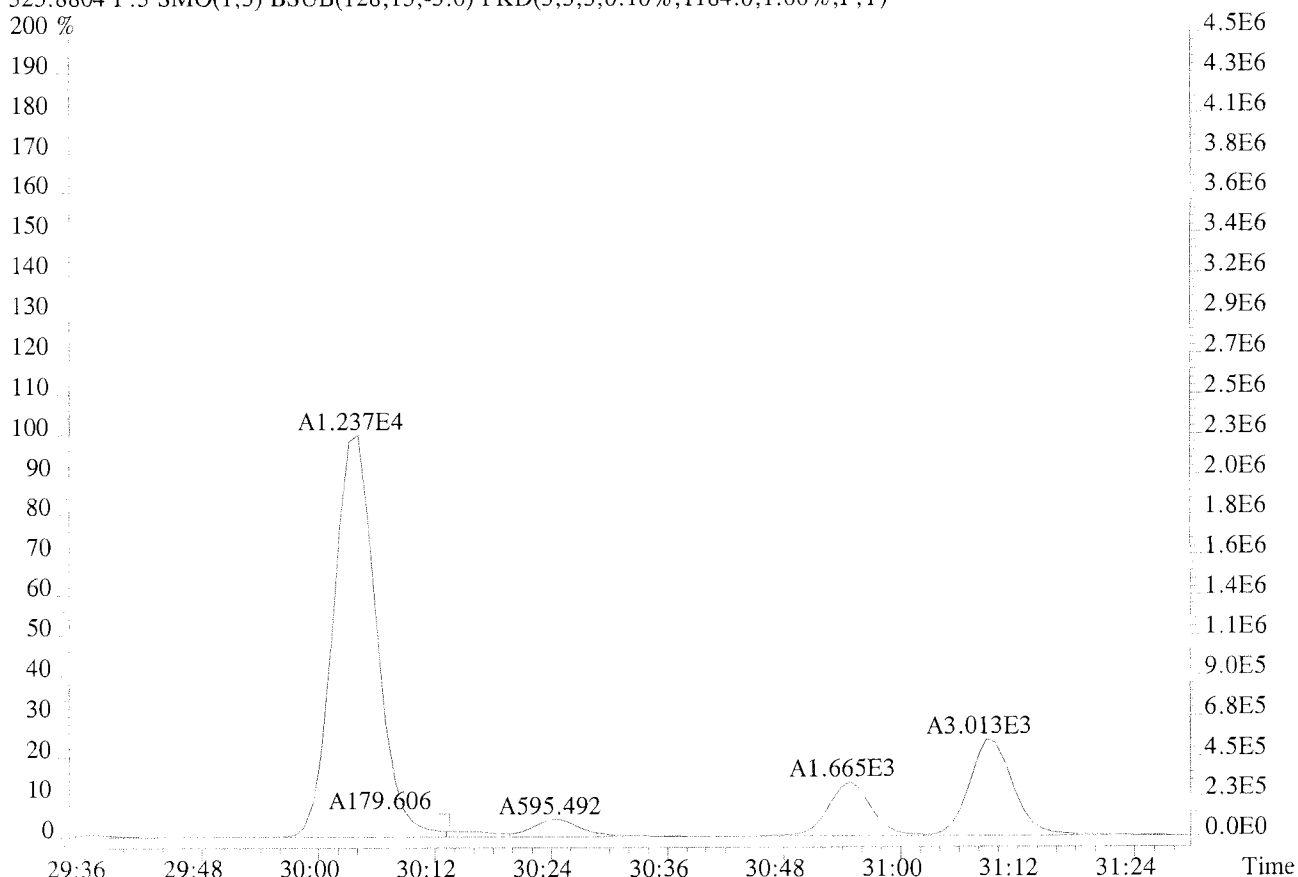
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1060.0,1.00%,F,T)



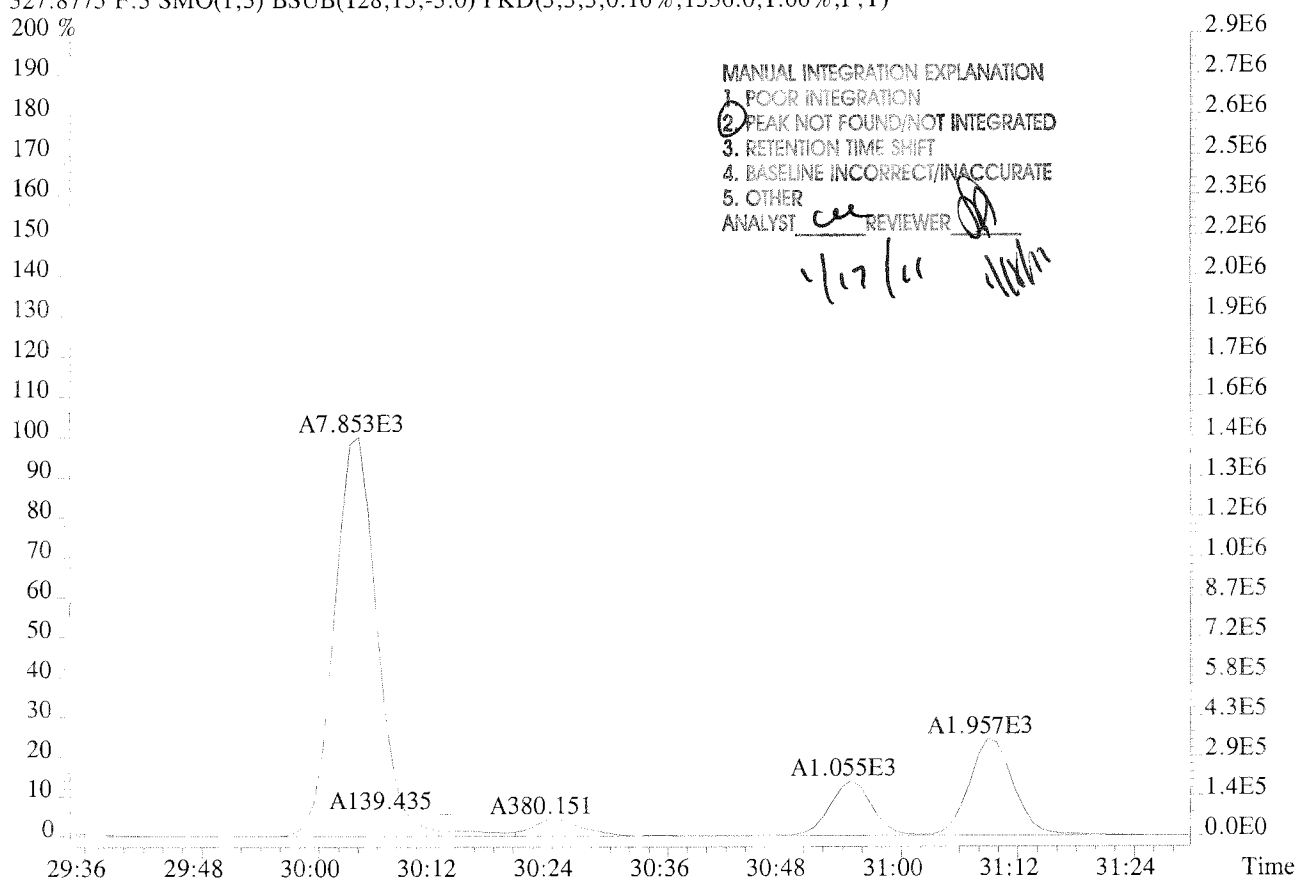
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224750 #1-594 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-001 USENN/S011
 325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)
 200 %

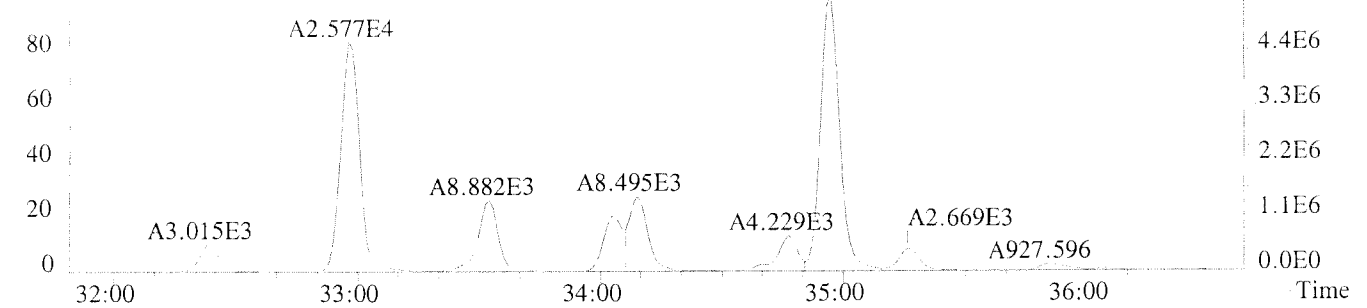


327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1356.0,1.00%,F,T)
 200 %

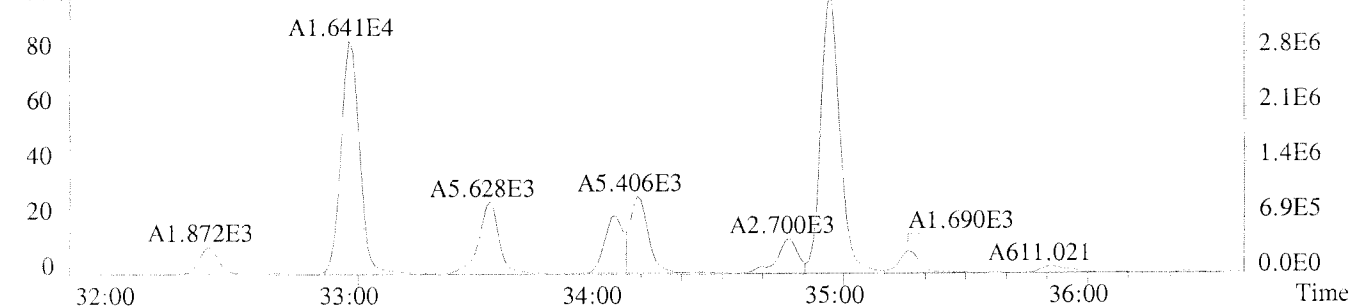


File:U224750 #1-309 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-001 USENN/S011

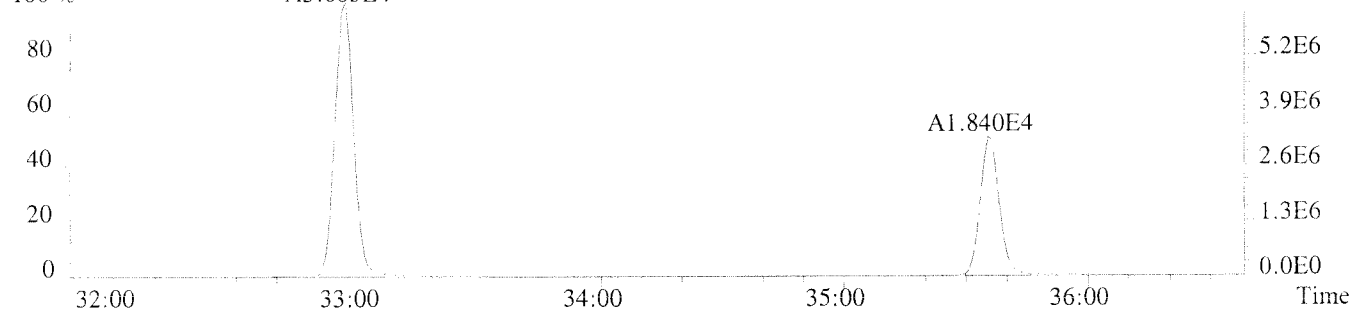
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3356.0,1.00%,F,T)
100 %



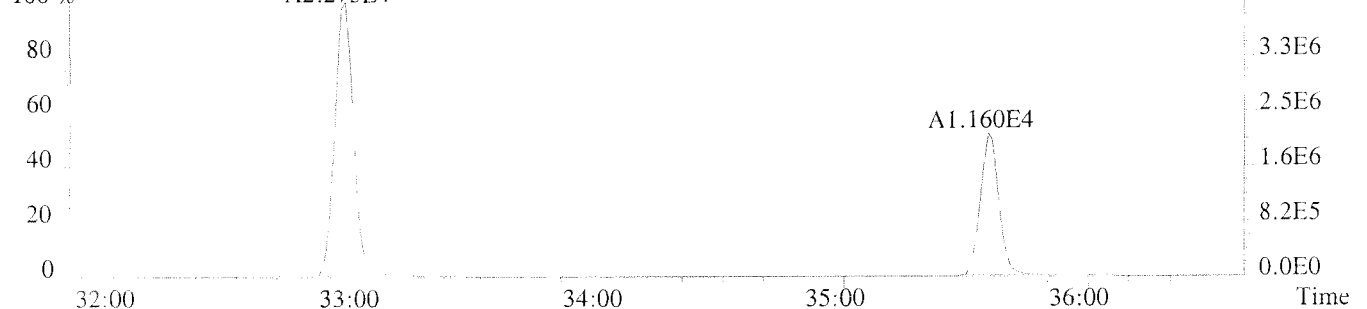
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4260.0,1.00%,F,T)
100 %



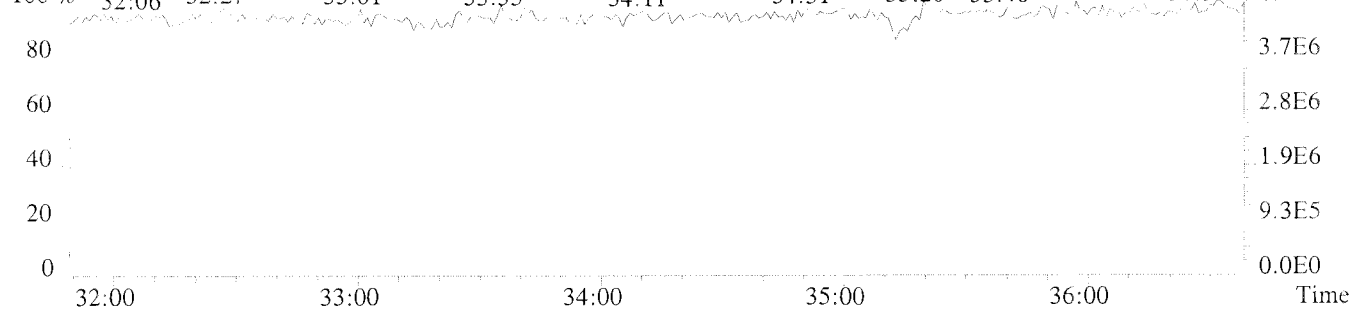
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2064.0,1.00%,F,T)
100 %



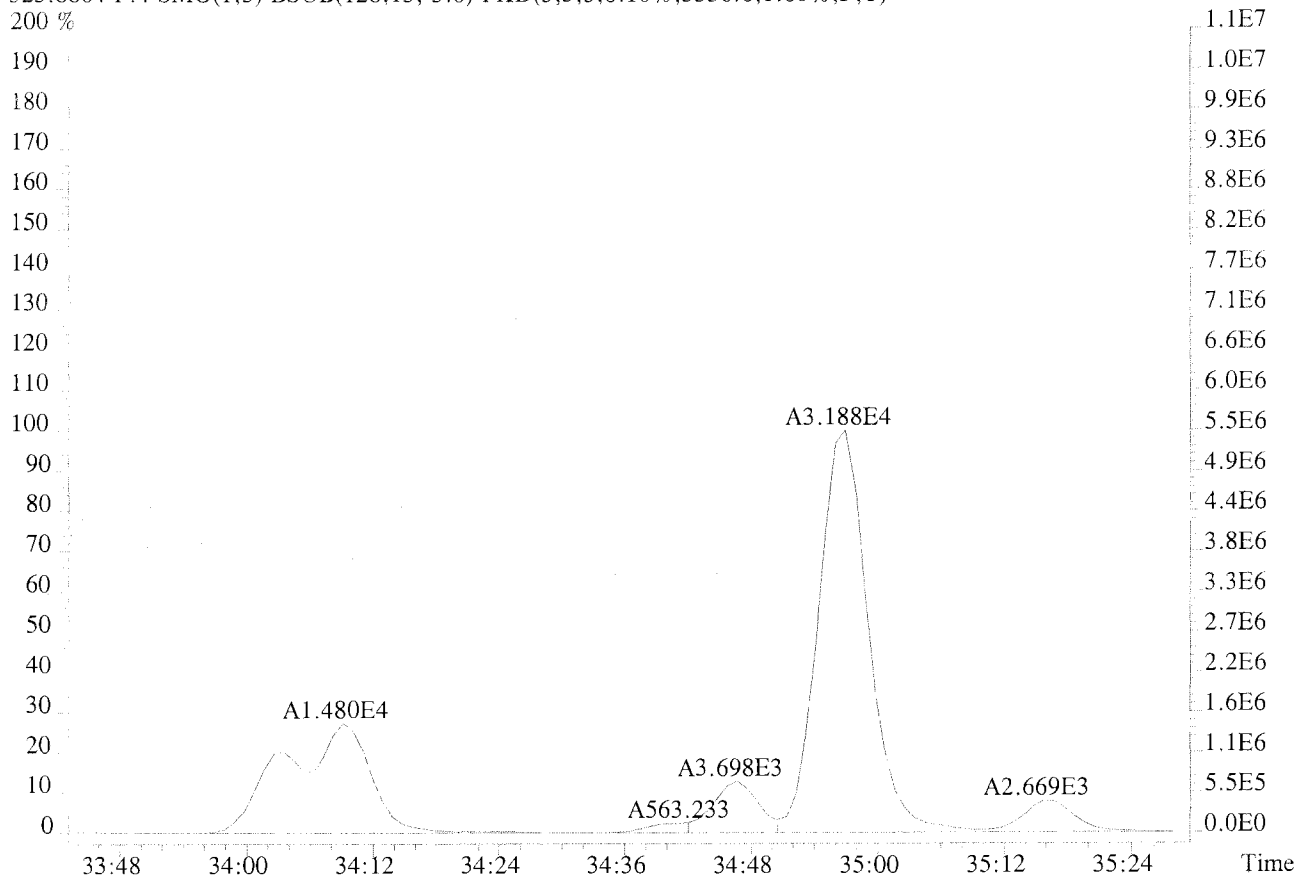
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2644.0,1.00%,F,T)
100 %



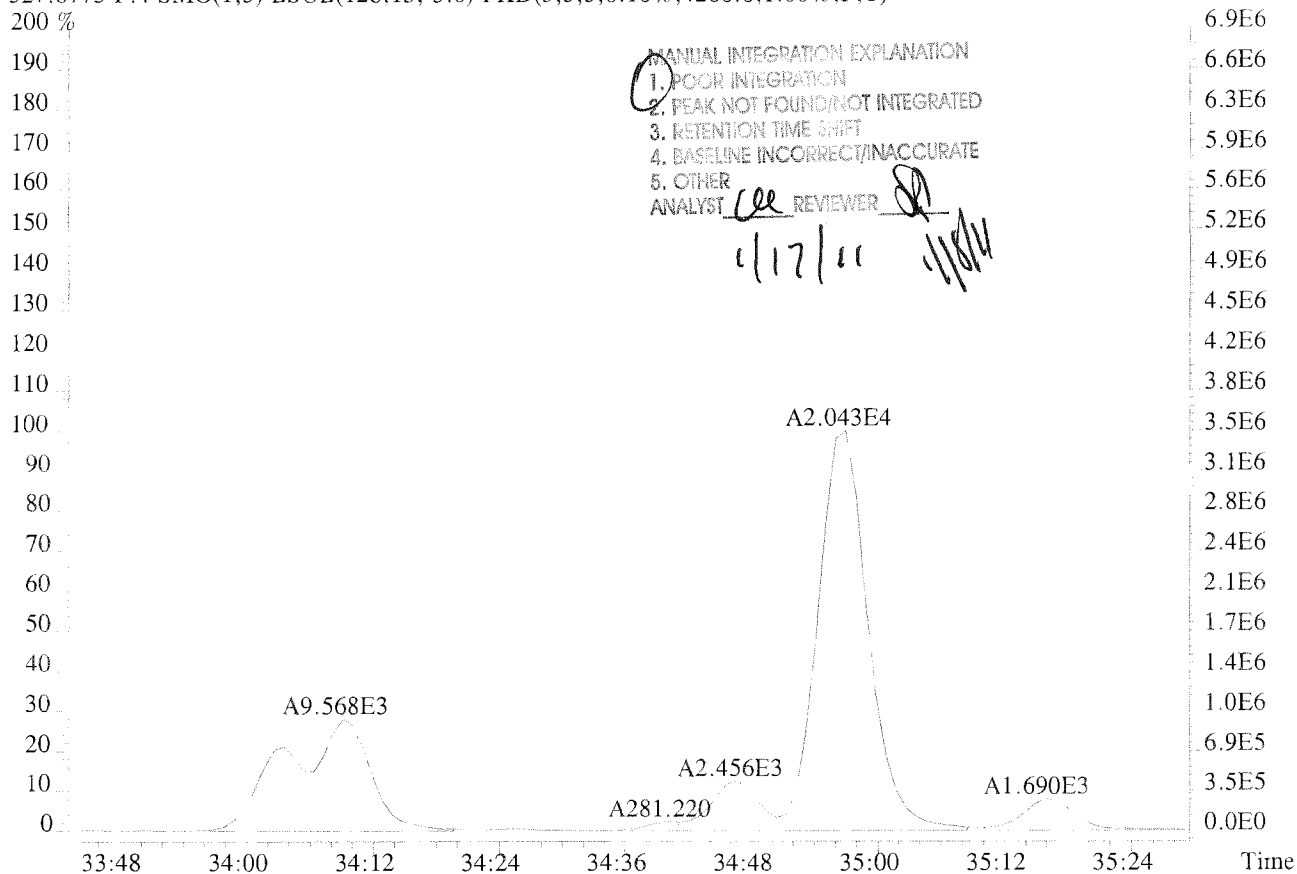
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)
100 %



File:U224750 #1-309 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-001 USENN/S011
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3356.0,1.00%,F,T)



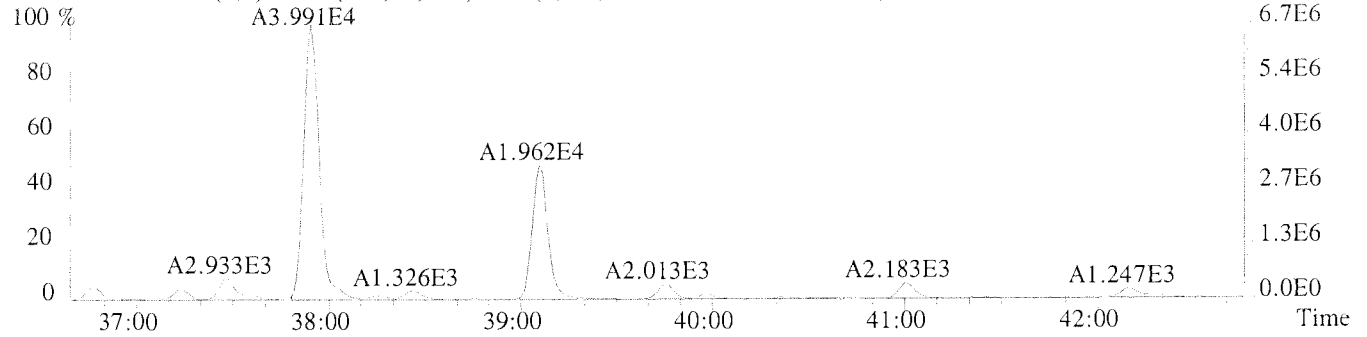
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4260.0,1.00%,F,T)



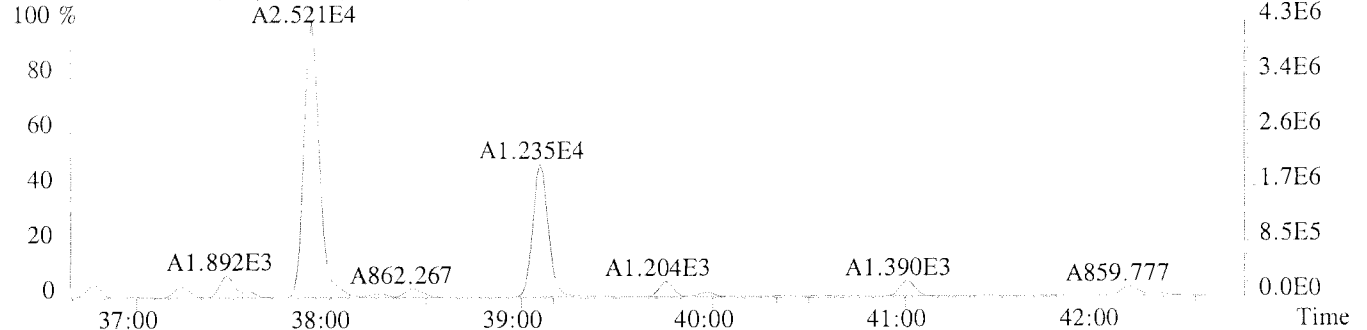
MANUAL INTEGRATION EXPLANATION
 1. POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER
 ANALYST *lee* REVIEWER *[Signature]*
 1/17/11 1/18/11

File:U224750 #1-391 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-001 USENN/S011

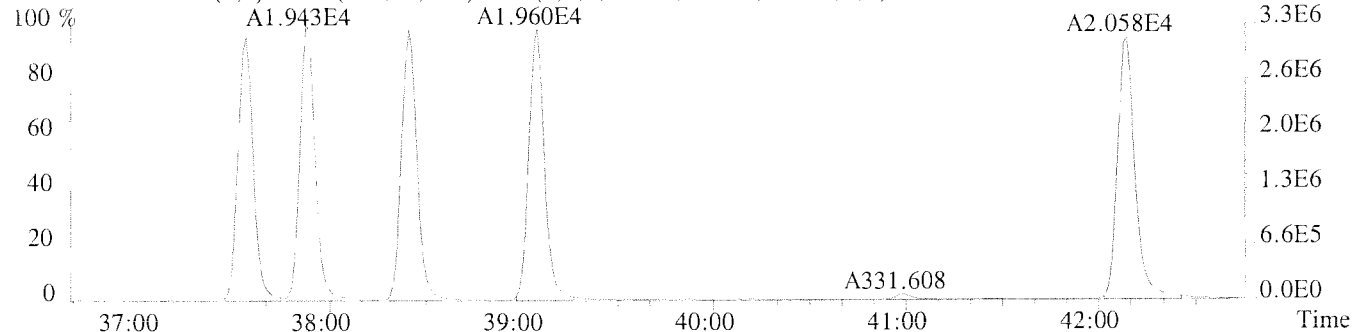
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6404.0,1.00%,F,T)



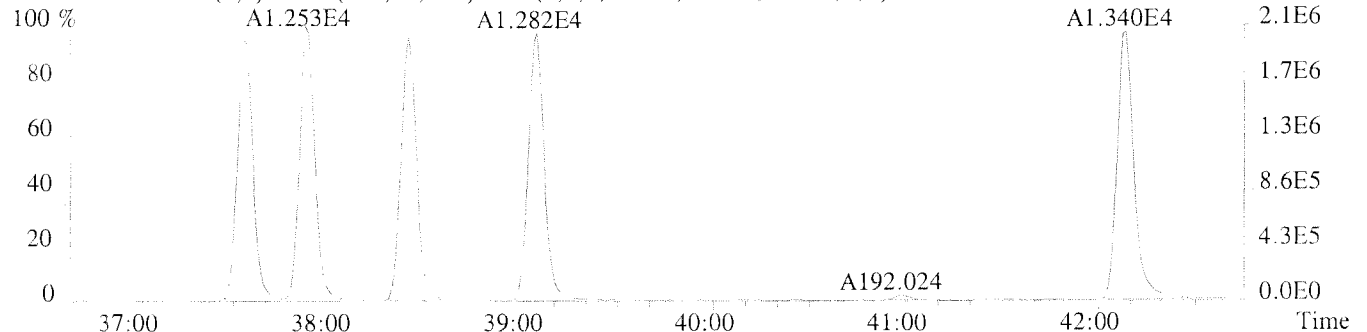
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12980.0,1.00%,F,T)



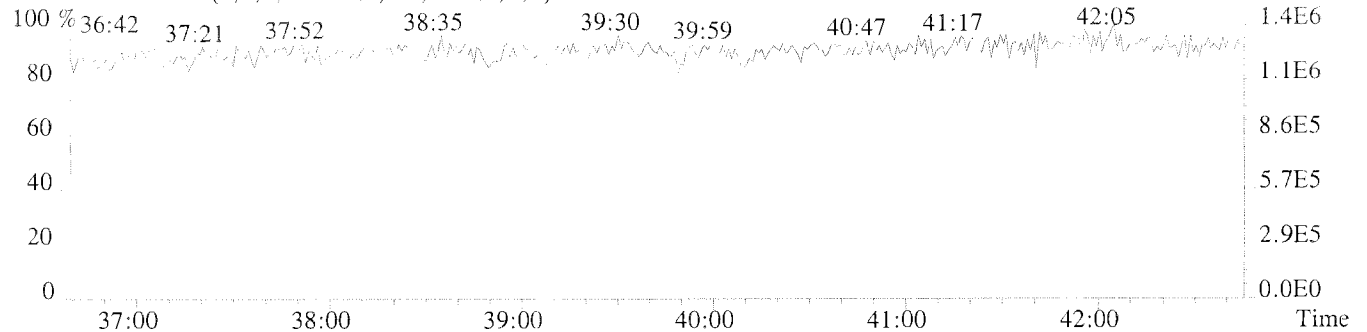
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3432.0,1.00%,F,T)



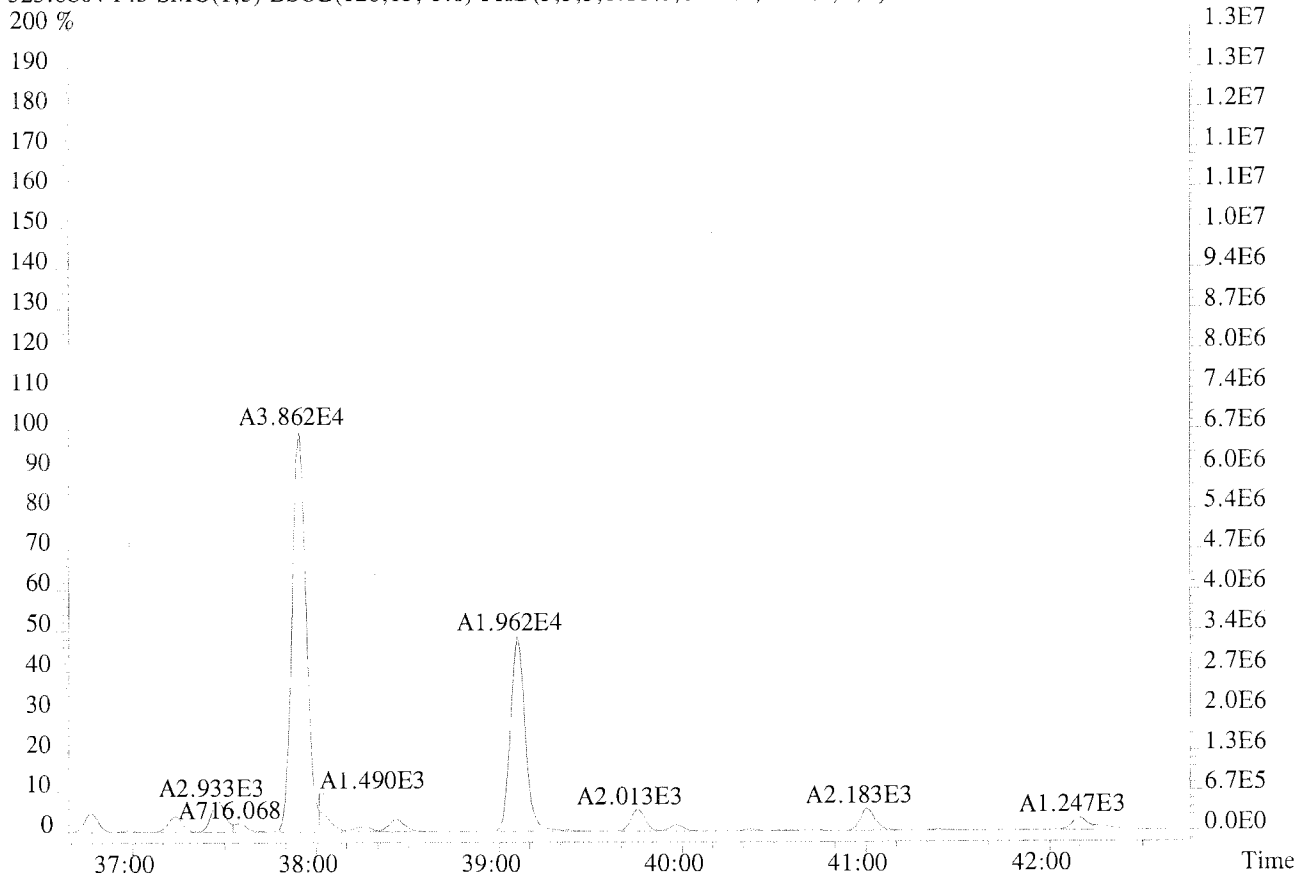
339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3256.0,1.00%,F,T)



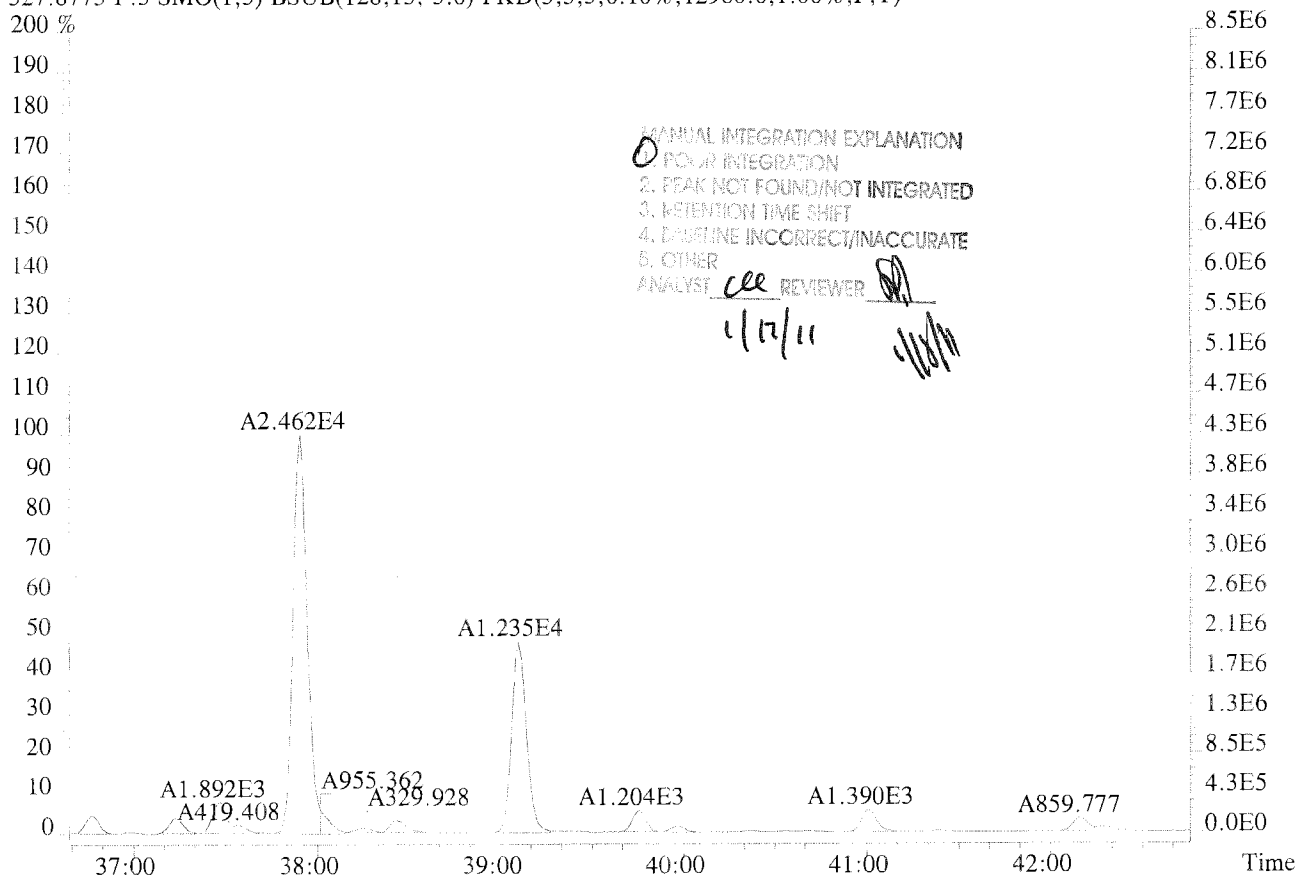
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224750 #1-391 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-001 USENN/S011
 325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6404.0,1.00%,F,T)
 200 %

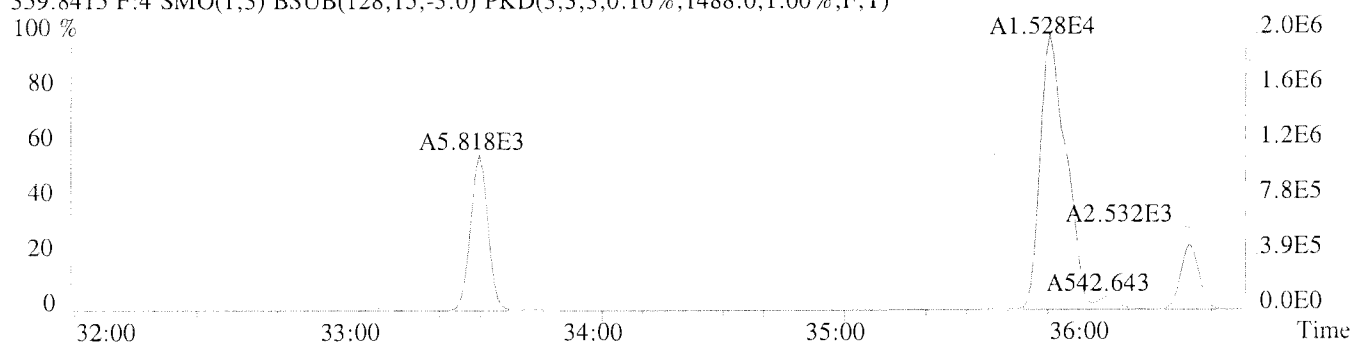


327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12980.0,1.00%,F,T)
 200 %

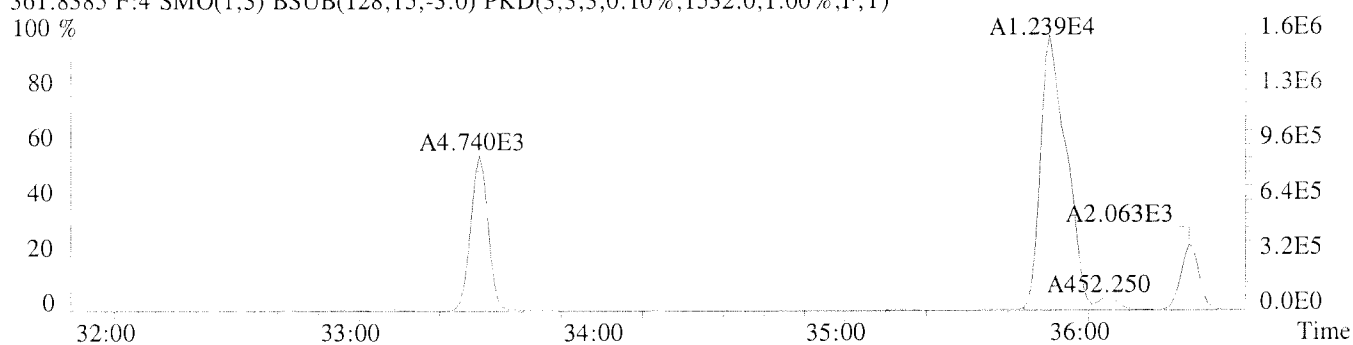


File:U224750 #1-309 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-001 USENN/S011

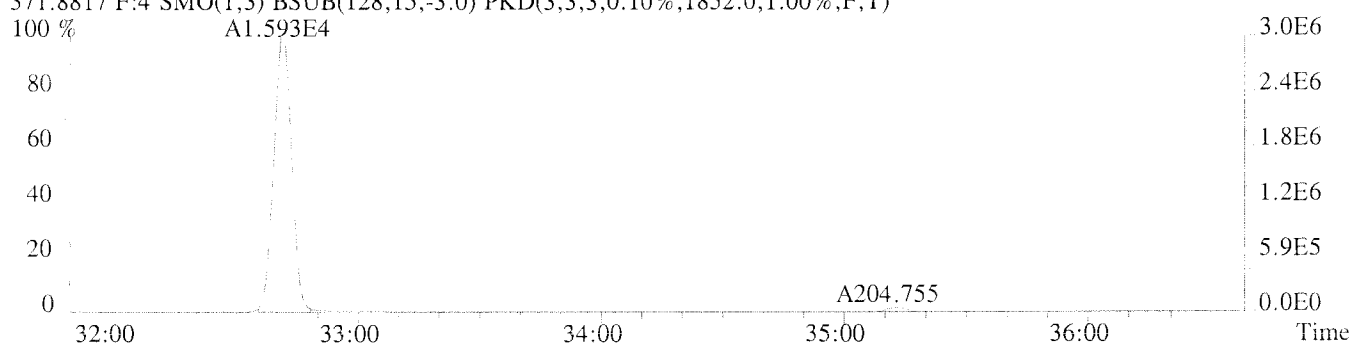
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1488.0,1.00%,F,T)
100 %



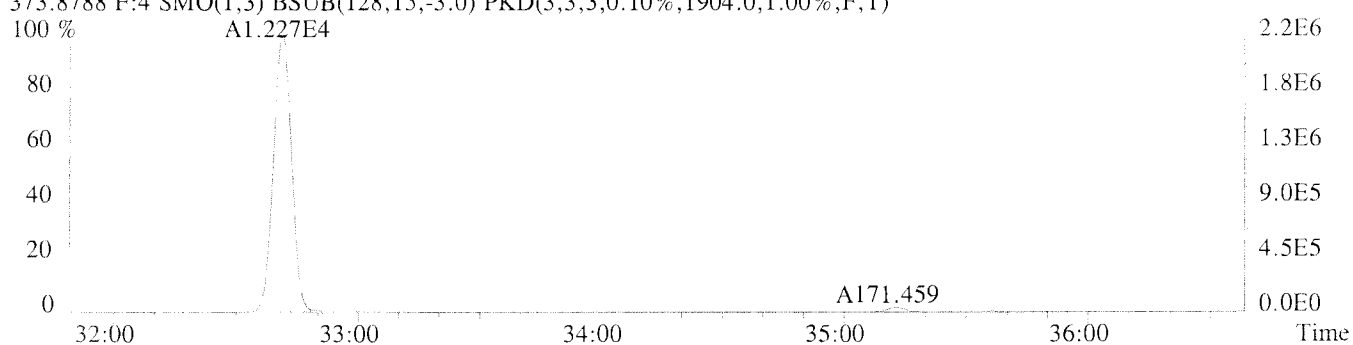
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1532.0,1.00%,F,T)
100 %



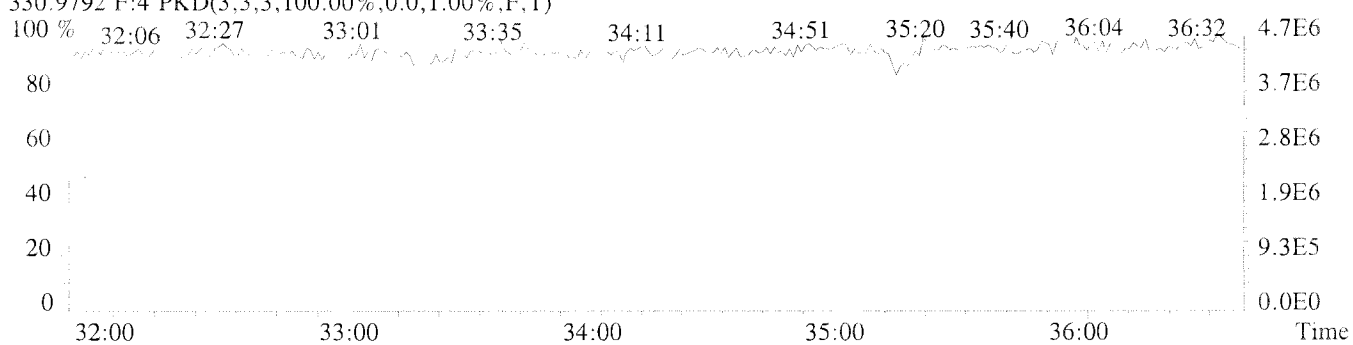
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1852.0,1.00%,F,T)
100 %



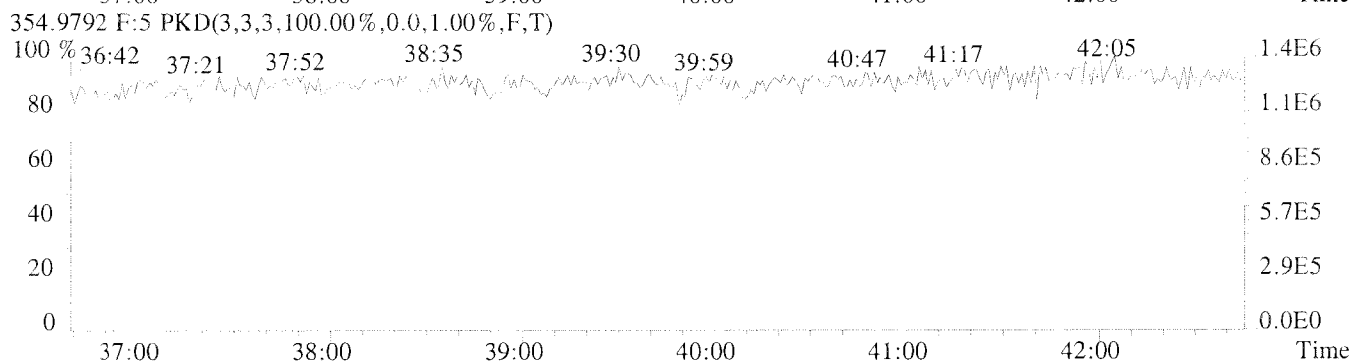
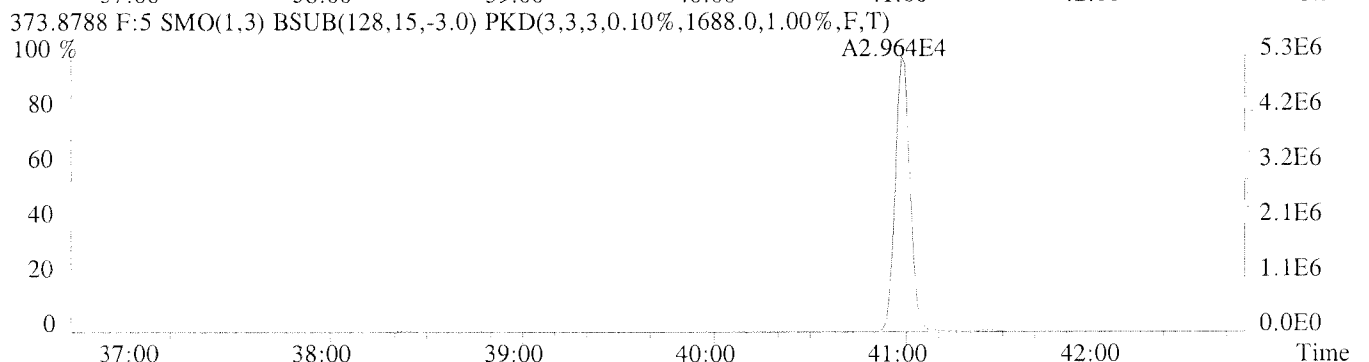
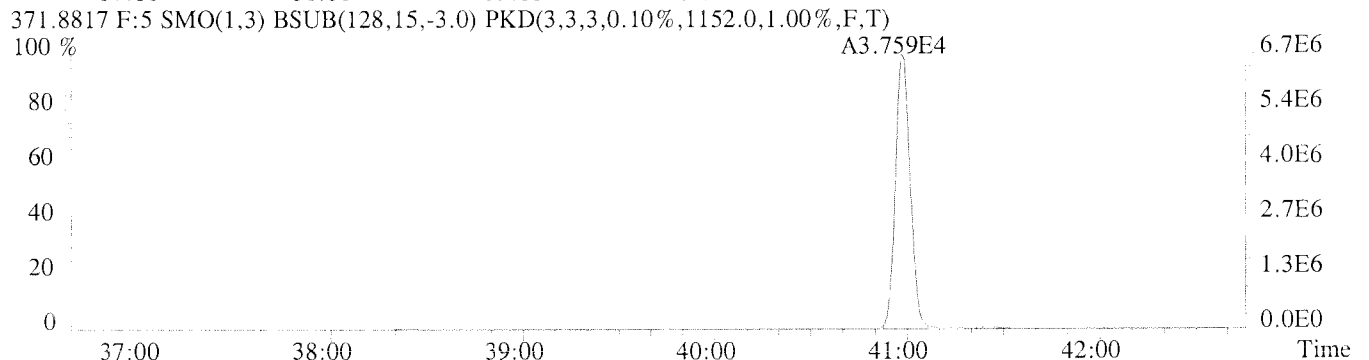
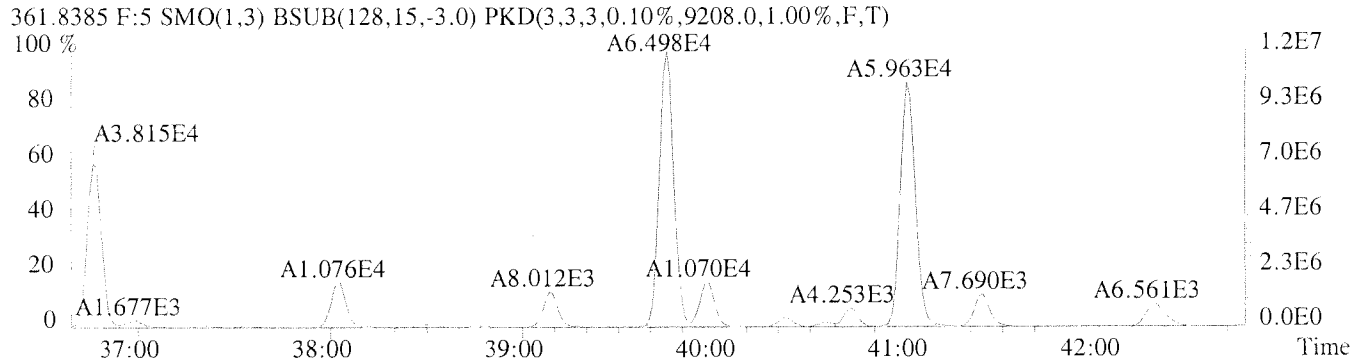
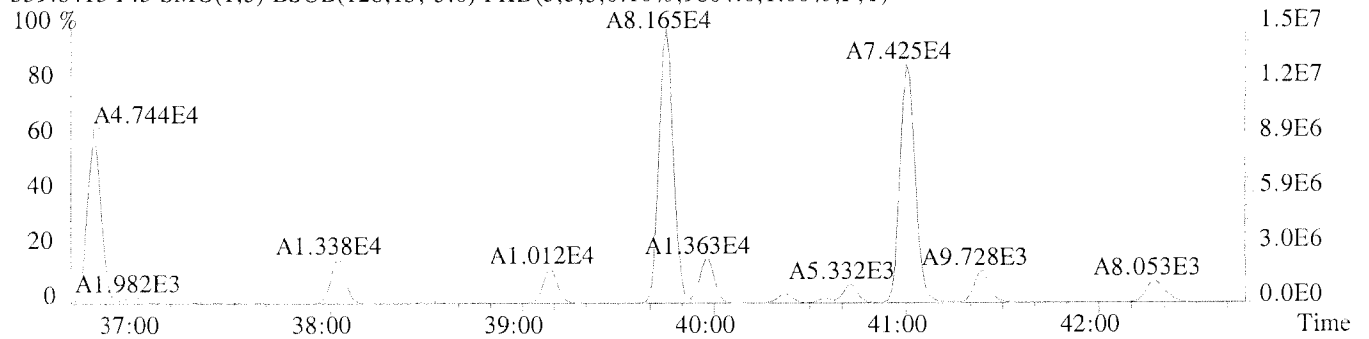
373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1904.0,1.00%,F,T)
100 %

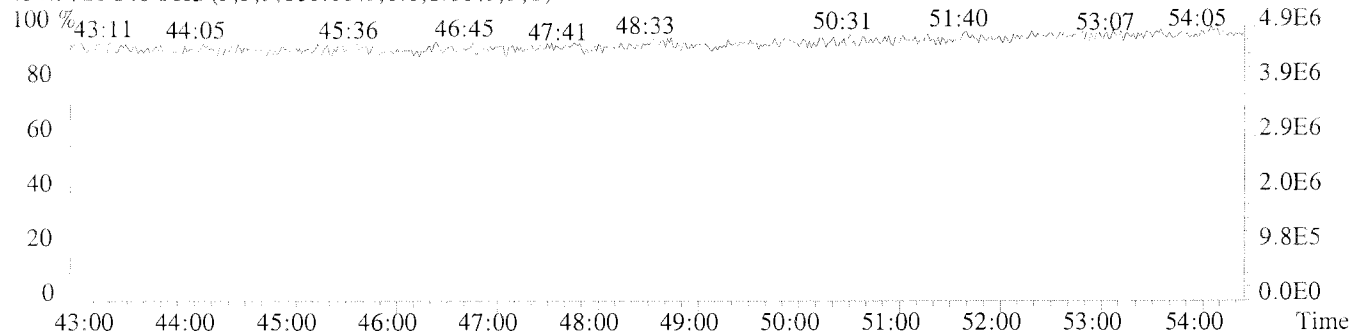
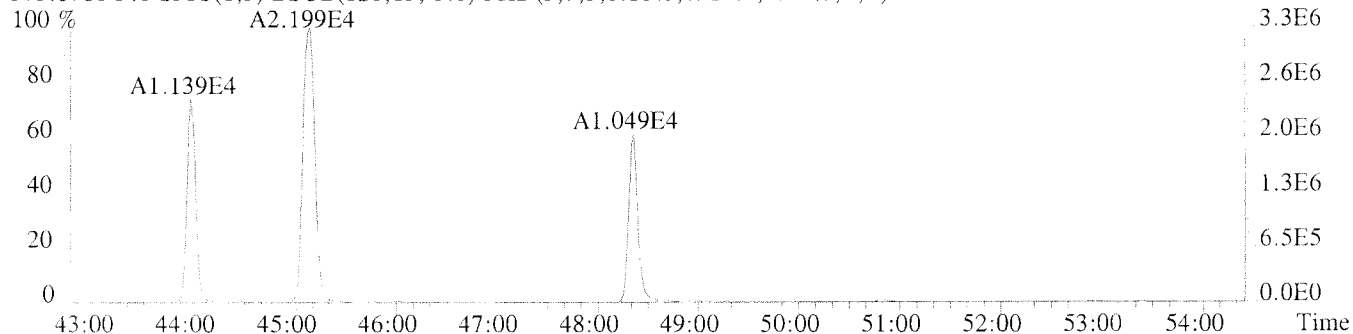
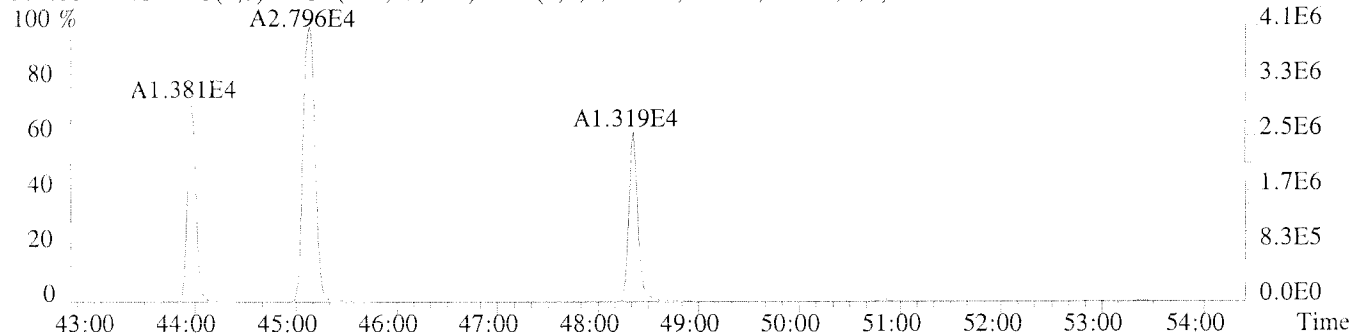
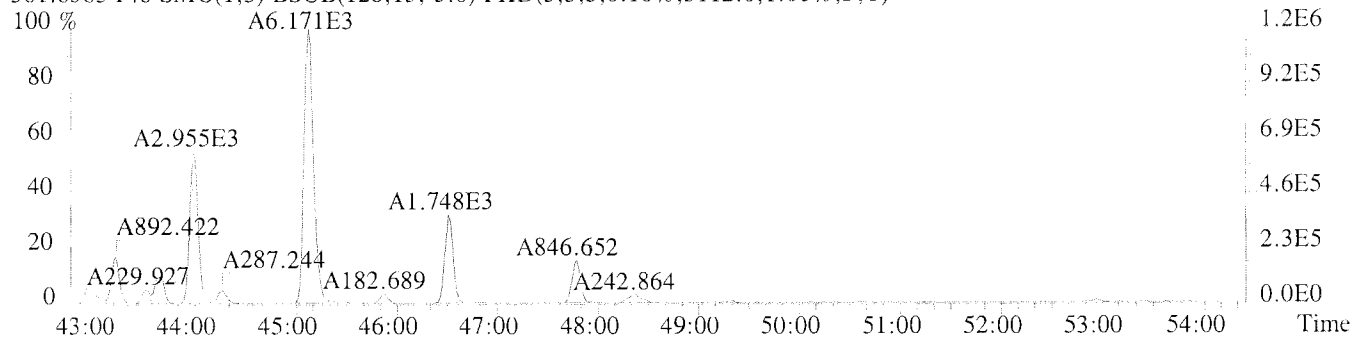
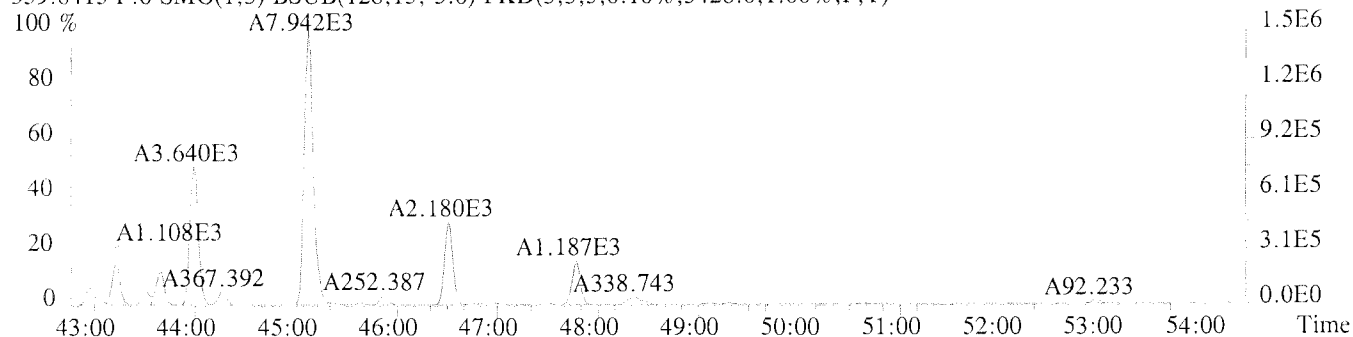


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)
100 %

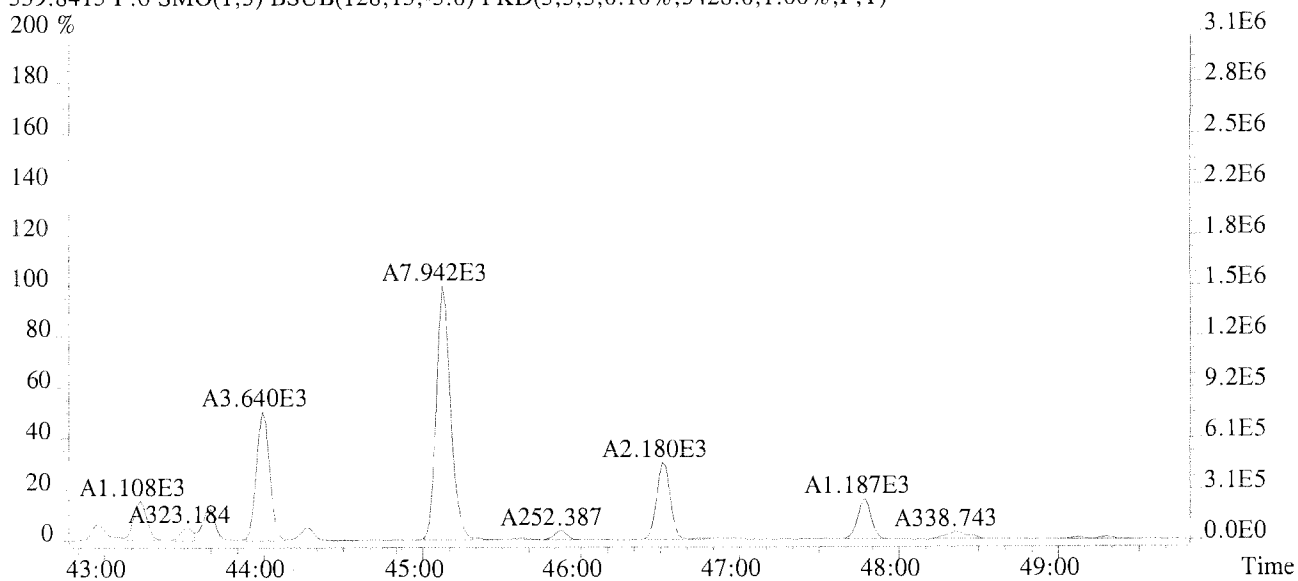


File:U224750 #1-391 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-001 USENN/S011
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9804.0,1.00%,F,T)

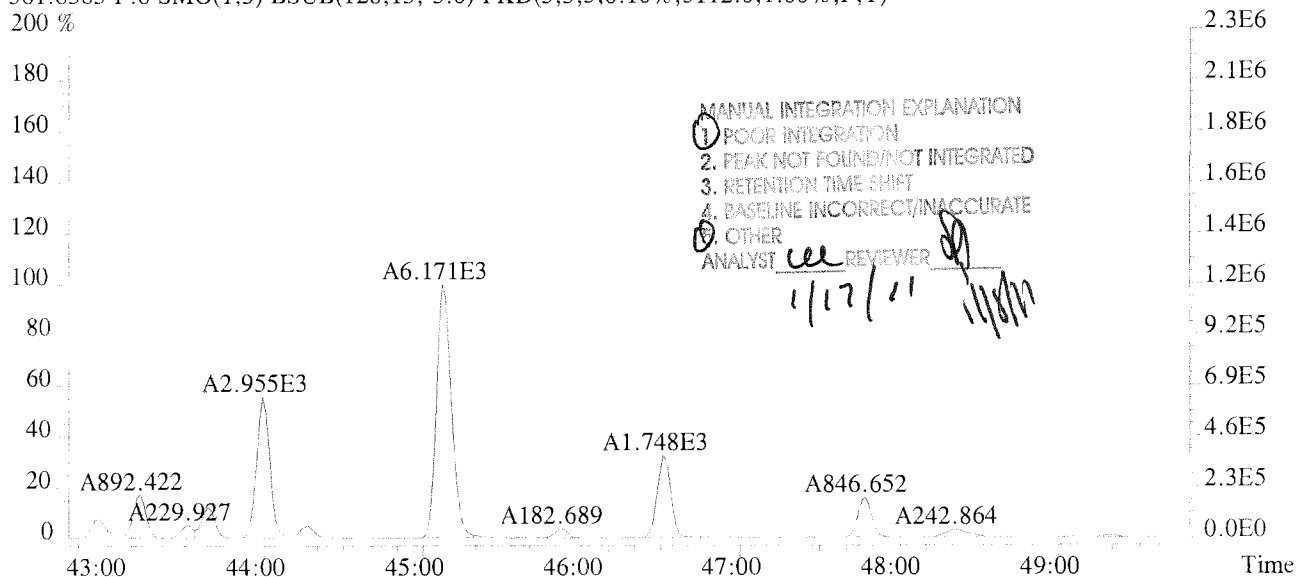




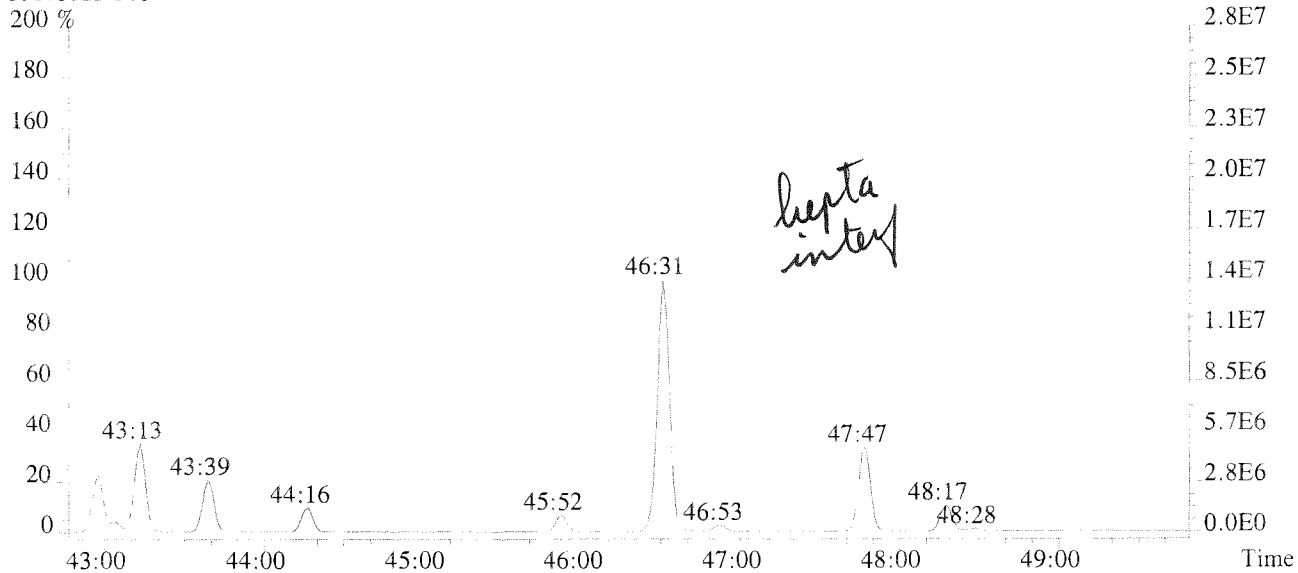
File:U224750 #1-577 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-001 USENN/S011
 359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3428.0,1.00%,F,T)
 200 %



361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5112.0,1.00%,F,T)
 200 %



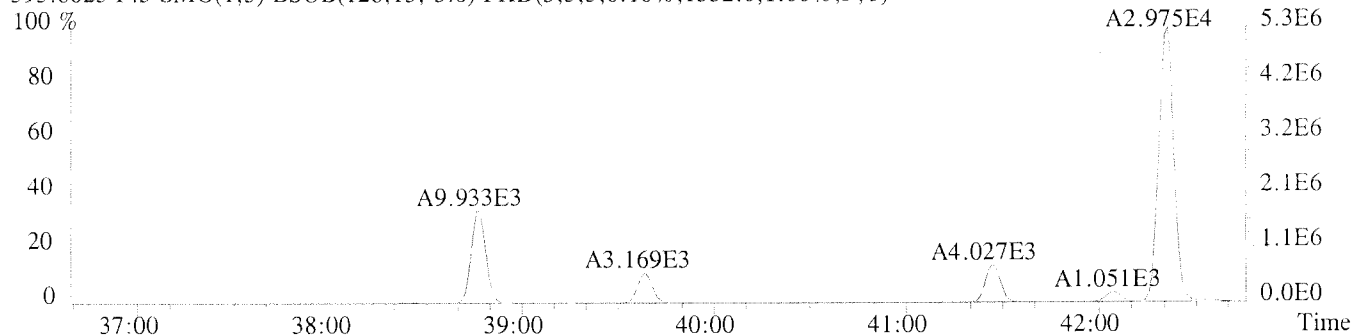
393.8025 F:6
 200 %



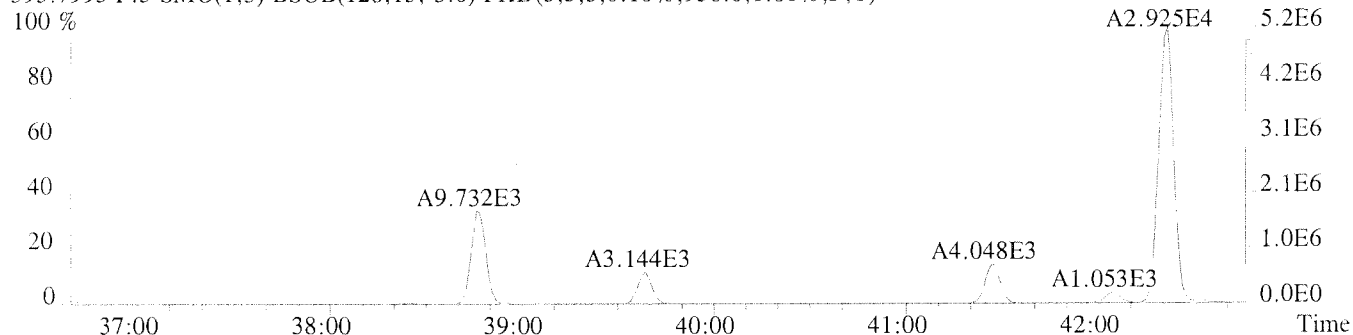
File:U224750 #1-391 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-001 USENN/S011

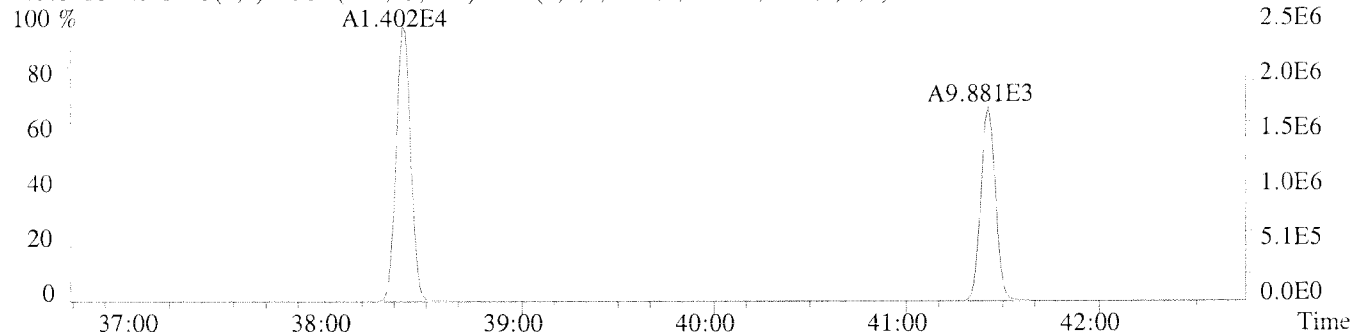
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1332.0,1.00%,F,T)



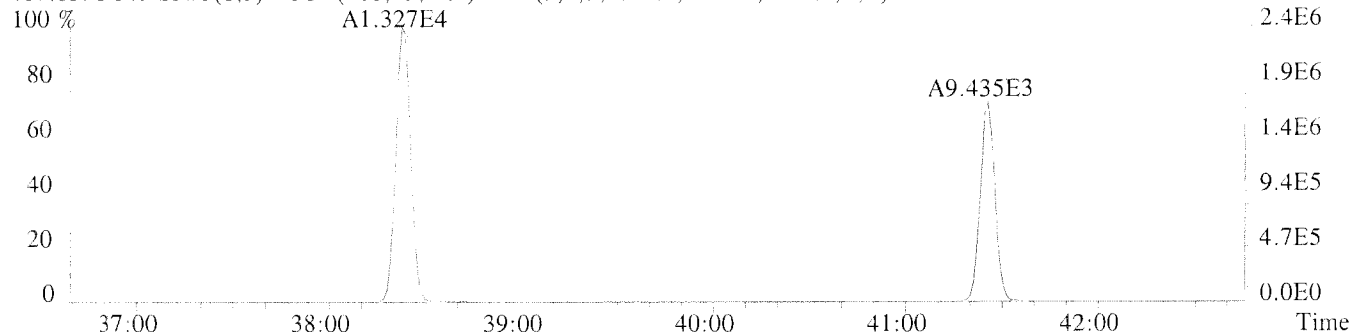
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,956.0,1.00%,F,T)



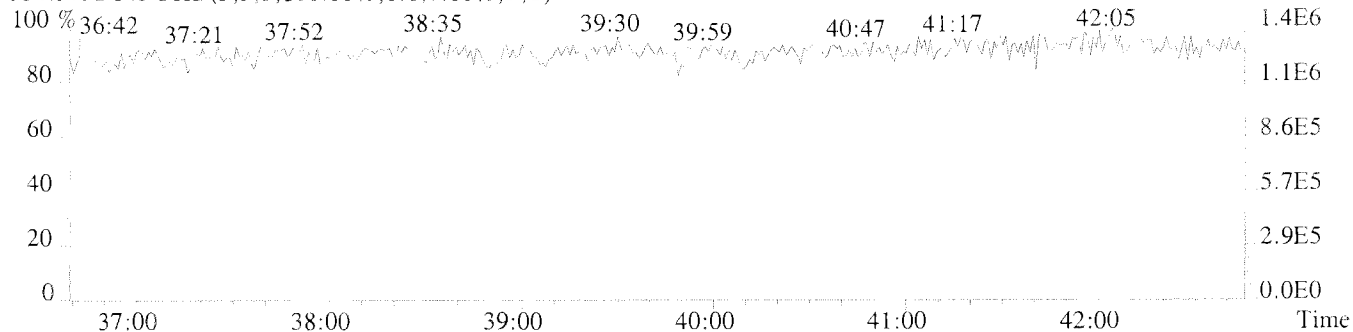
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1108.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1028.0,1.00%,F,T)

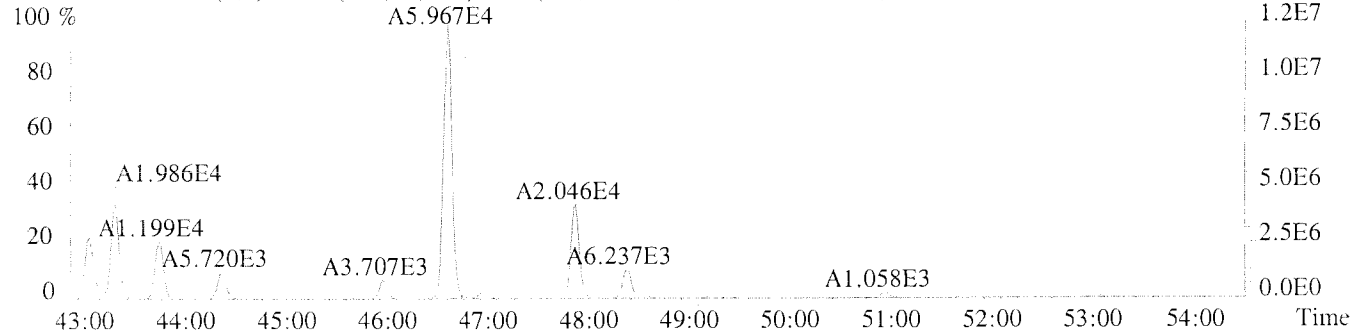


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

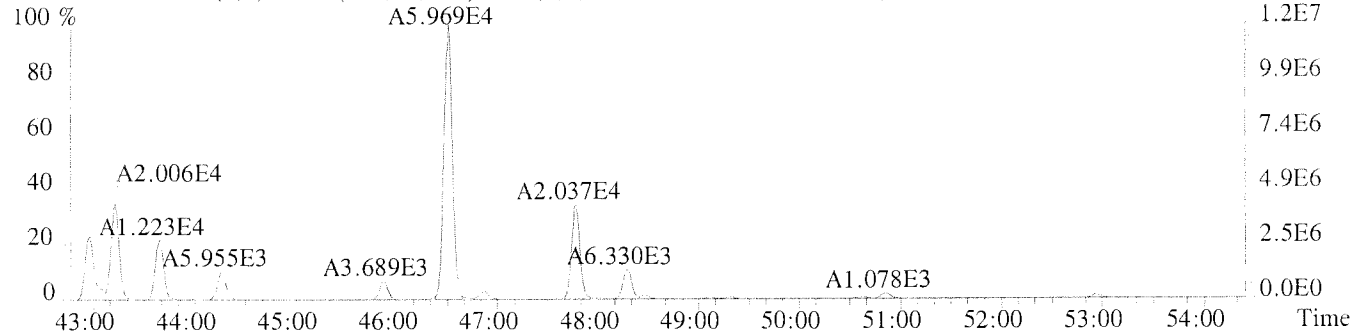


Sample#1 Exp:K1013433-001 USENN/S011

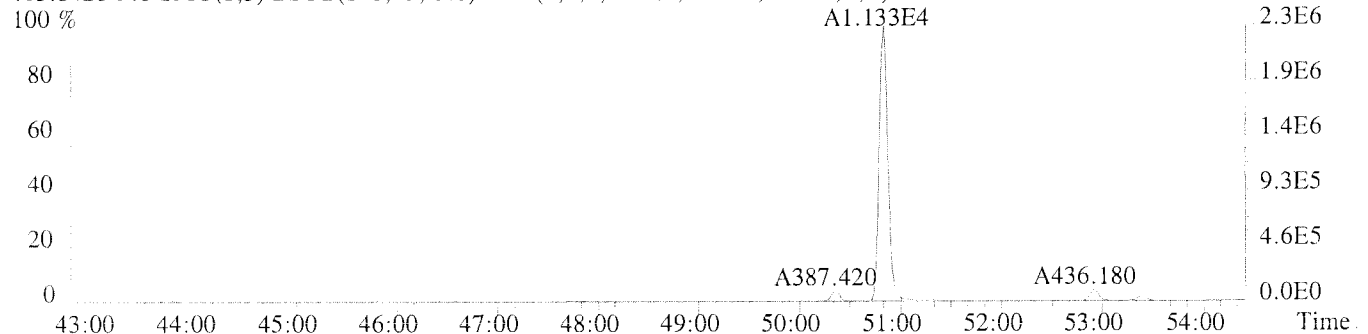
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4636.0,1.00%,F,T)



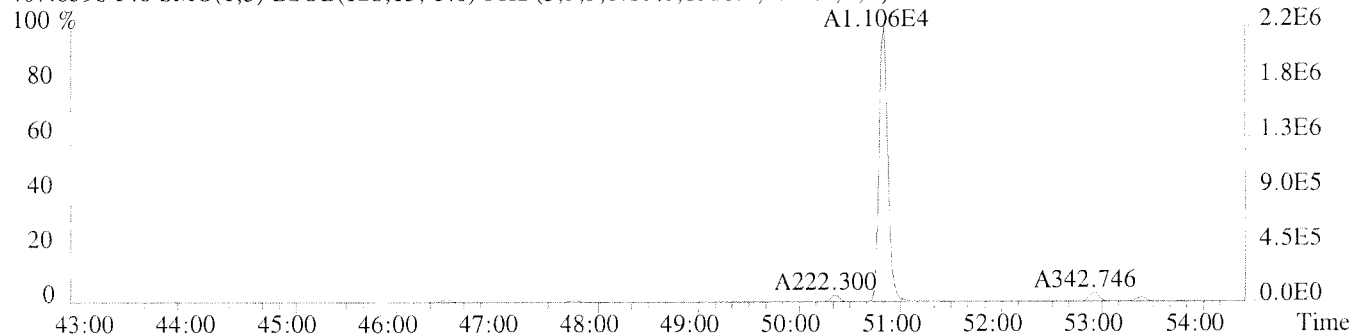
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8920.0,1.00%,F,T)



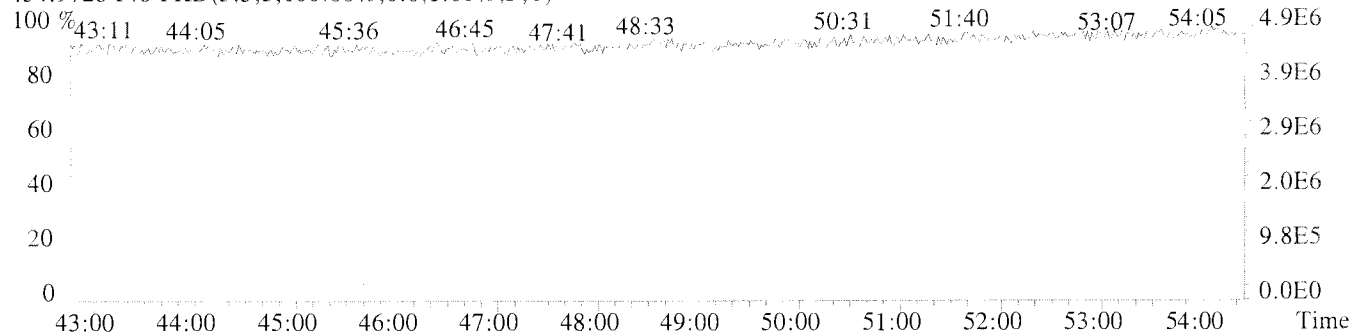
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1500.0,1.00%,F,T)



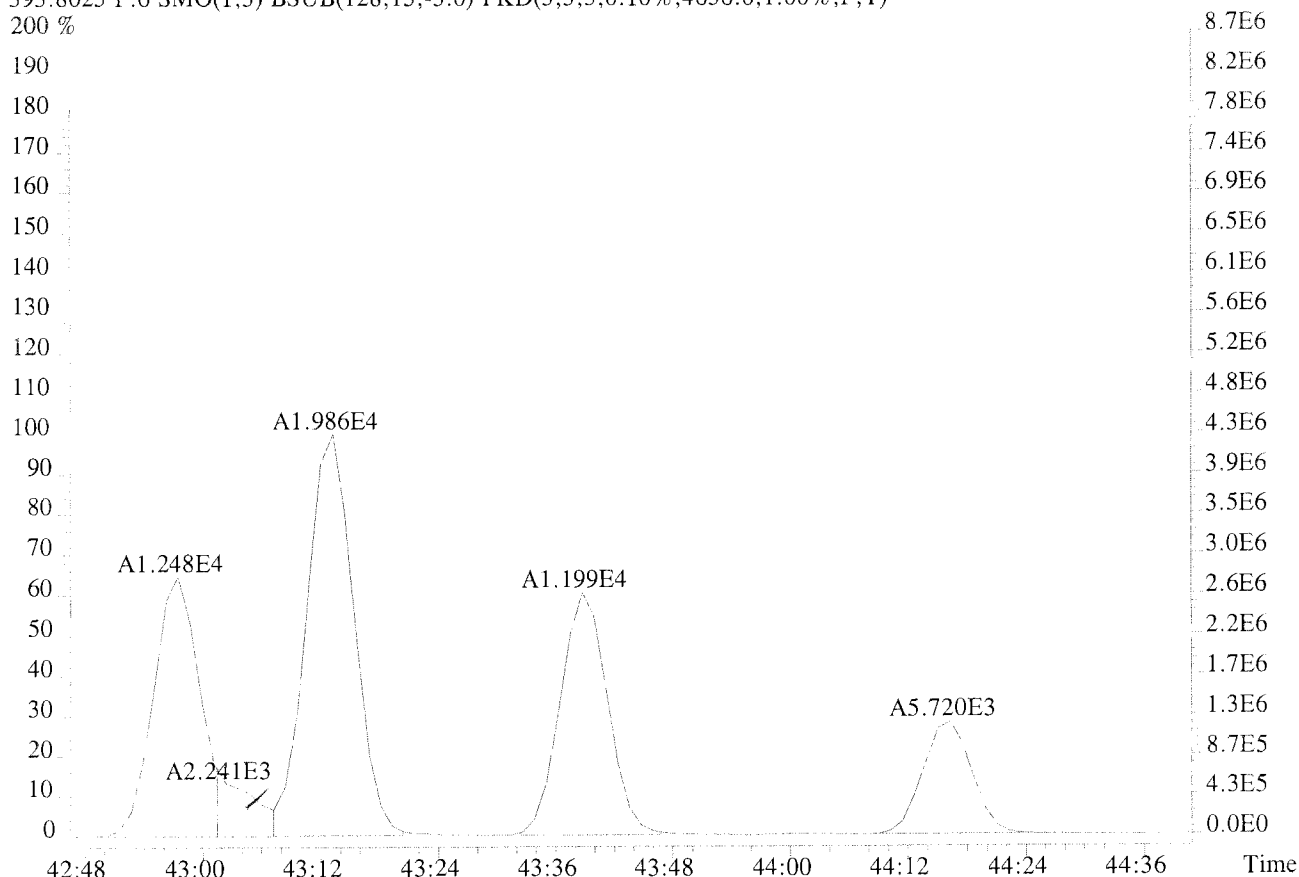
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1320.0,1.00%,F,T)



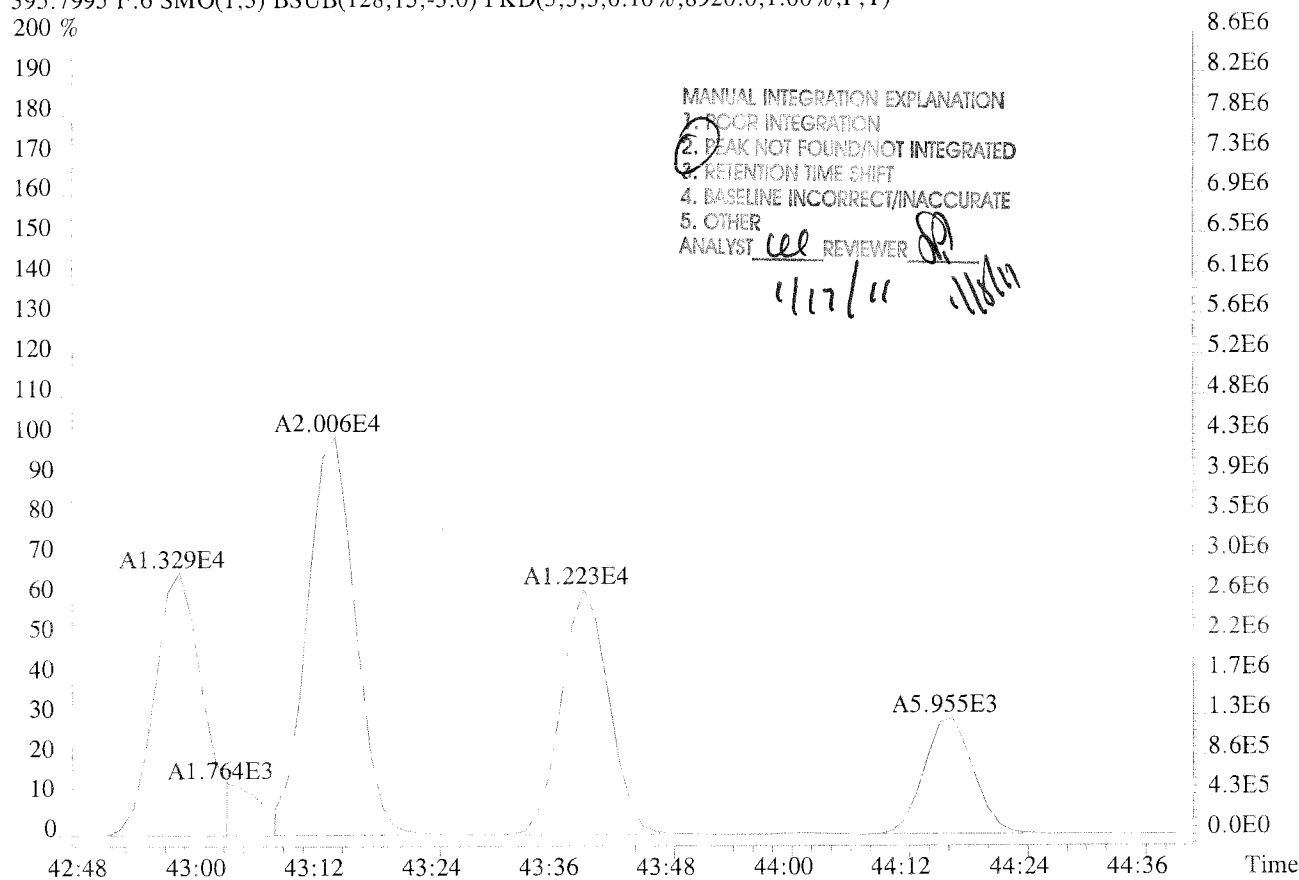
454.9728 F:6 PKD(5.3,5,100.00%,0.0,1.00%,F,T)



File:U224750 #1-577 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass sF
 Sample#1 Exp:K1013433-001 USENN/S011
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4636.0,1.00%,F,T)
 200 %



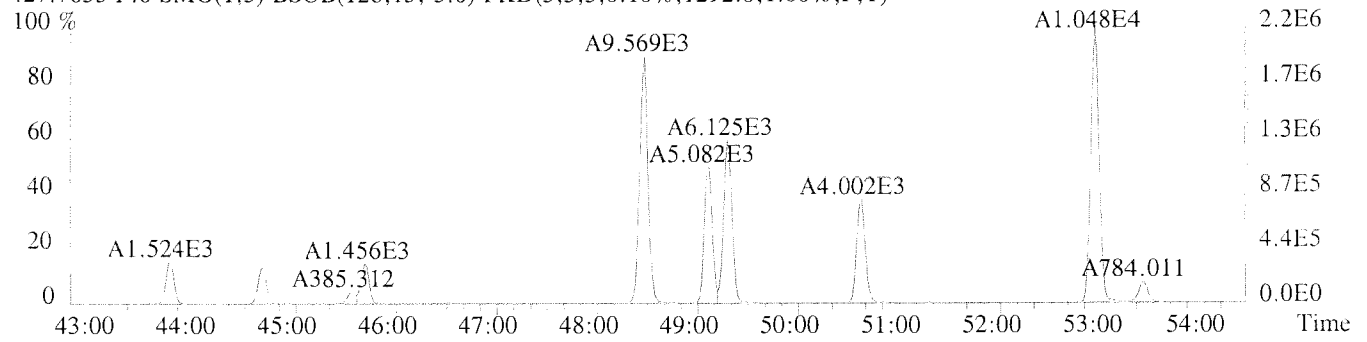
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8920.0,1.00%,F,T)
 200 %



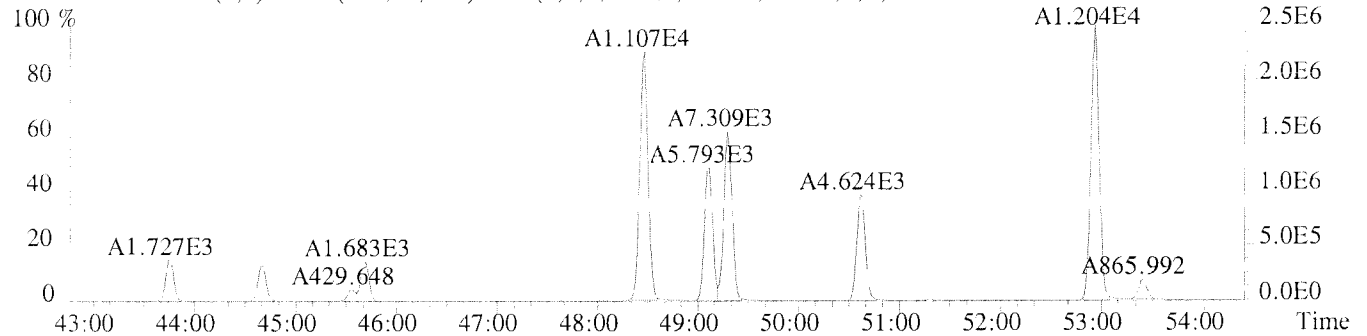
File:U224750 #1-577 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-001 USENN/S011

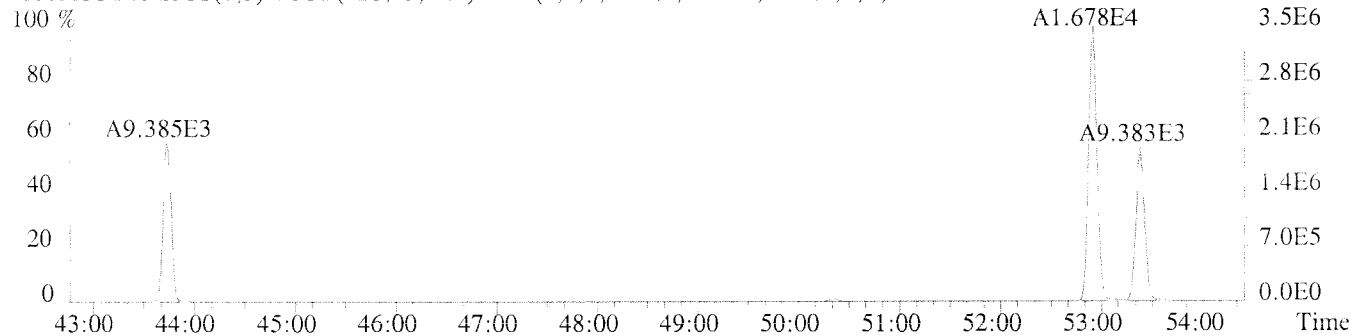
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1292.0,1.00%,F,T)



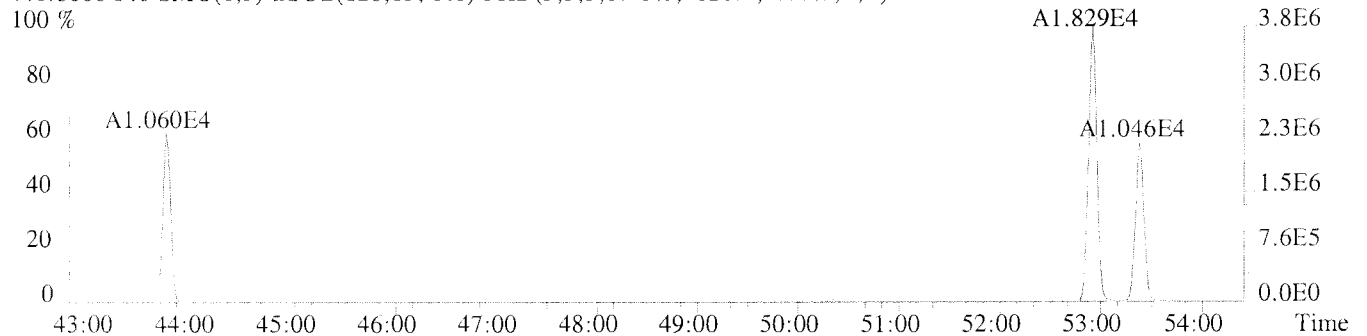
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1448.0,1.00%,F,T)



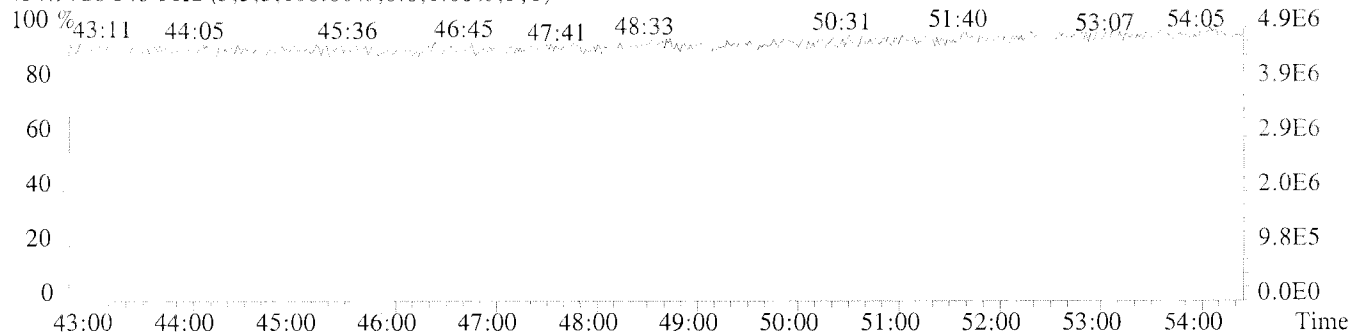
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1356.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1820.0,1.00%,F,T)



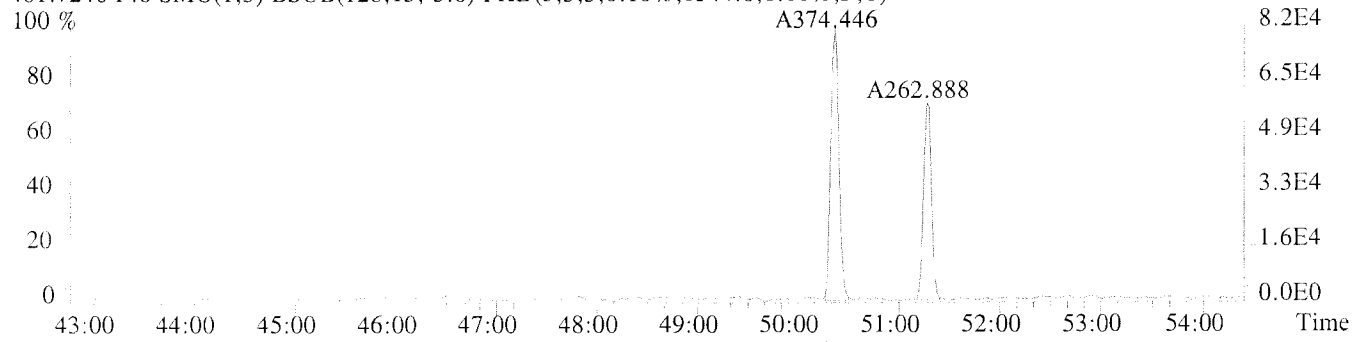
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



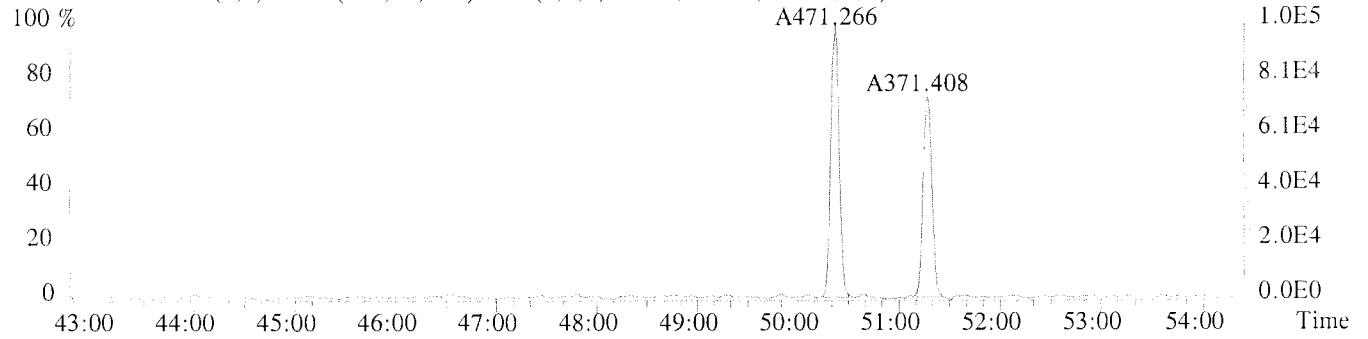
File:U224750 #1-577 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-001 USENN/S011

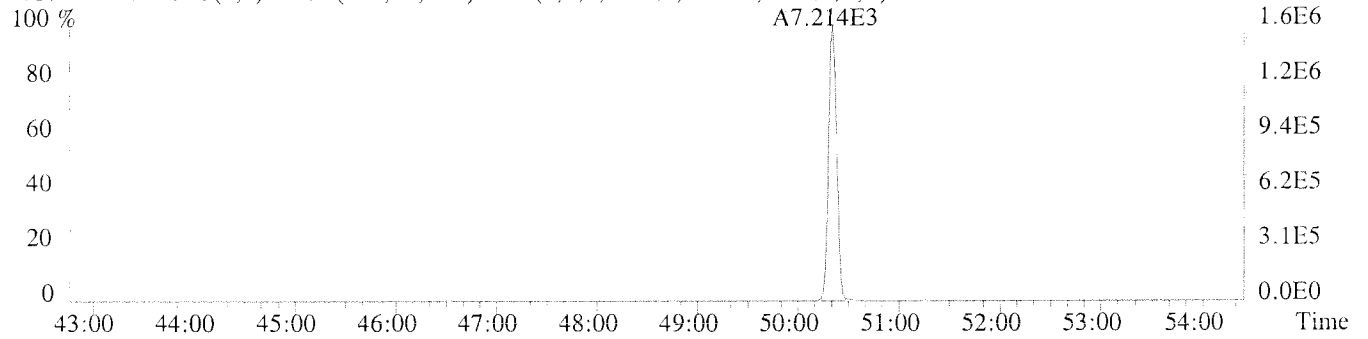
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1344.0,1.00%,F,T)



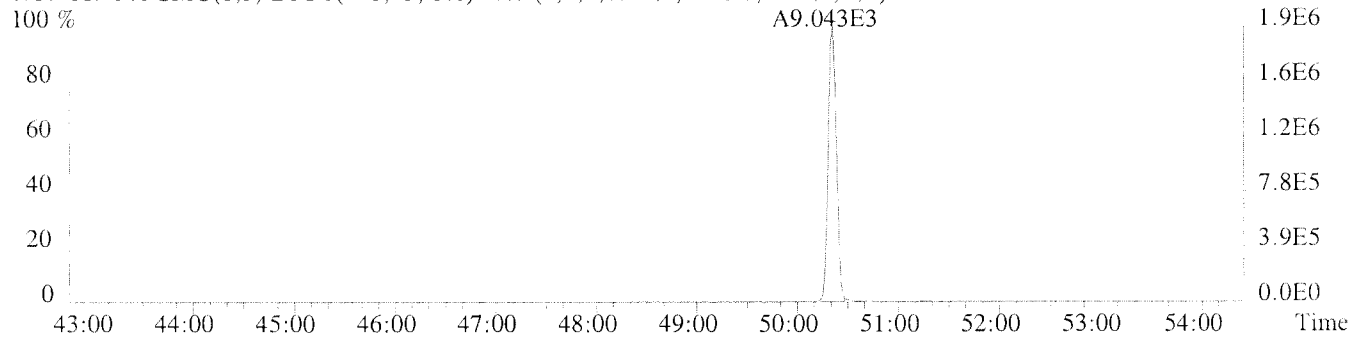
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1436.0,1.00%,F,T)



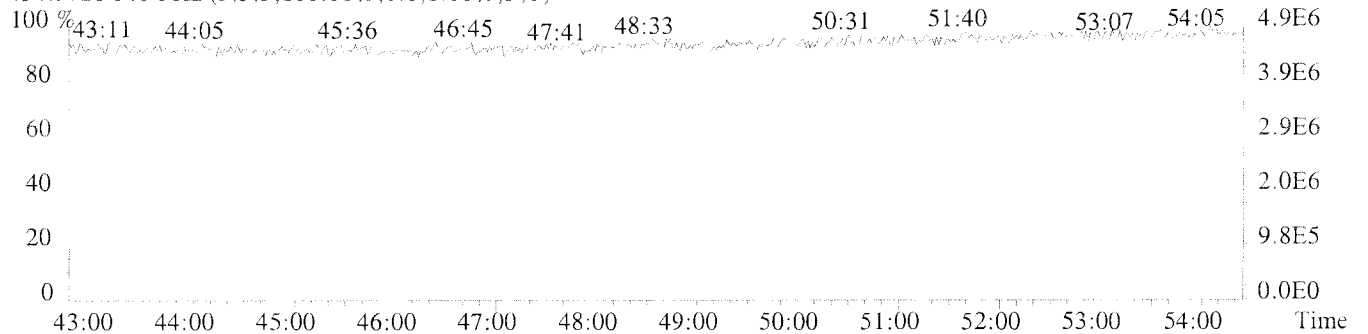
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1304.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1368.0,1.00%,F,T)

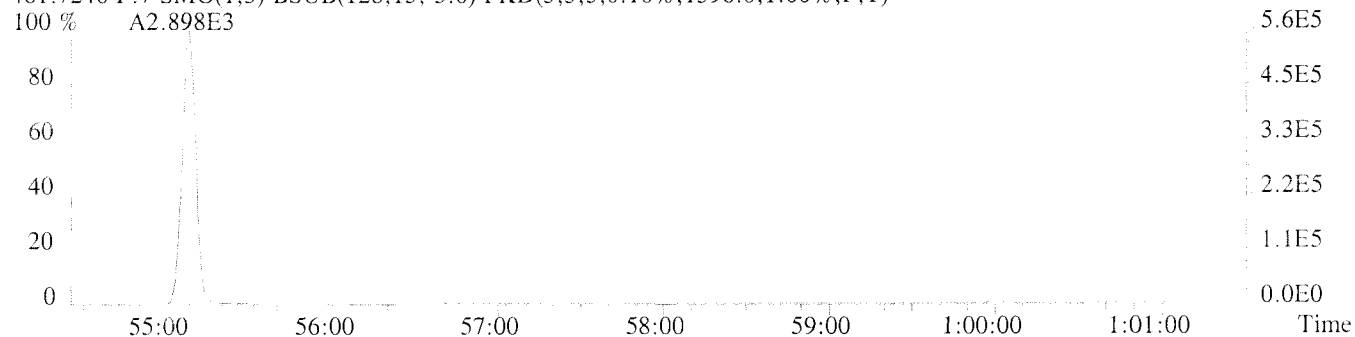


454.9728 F:6 PKD(5.3,5,100.00%,0.0,1.00%,F,T)

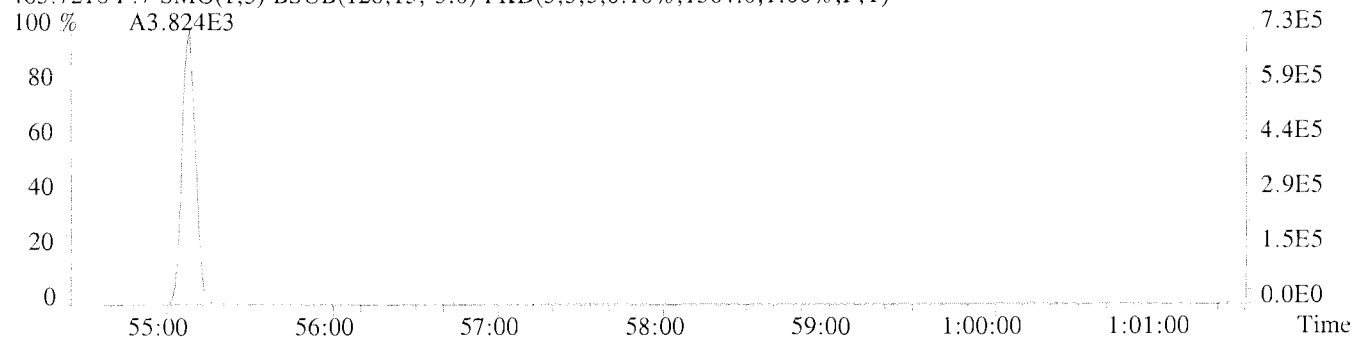


Sample#1 Exp:K1013433-001 USENN/S011

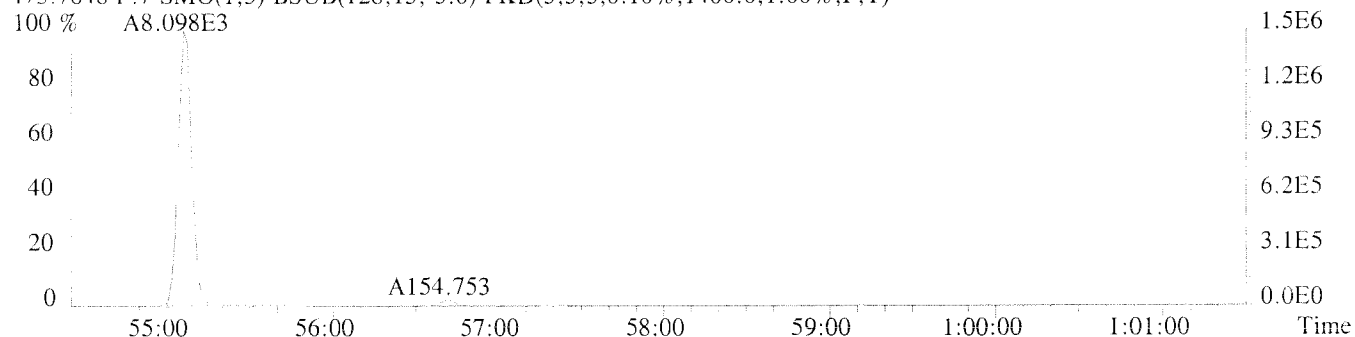
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1396.0,1.00%,F,T)



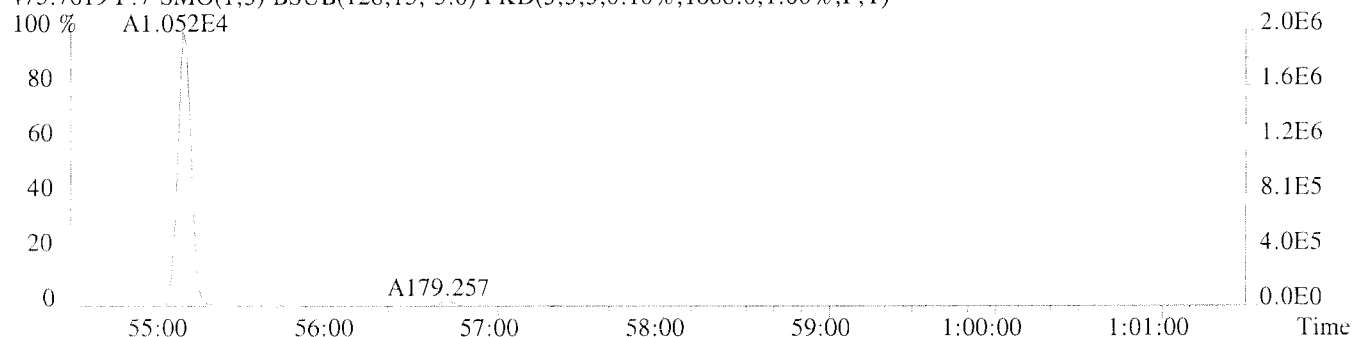
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1564.0,1.00%,F,T)



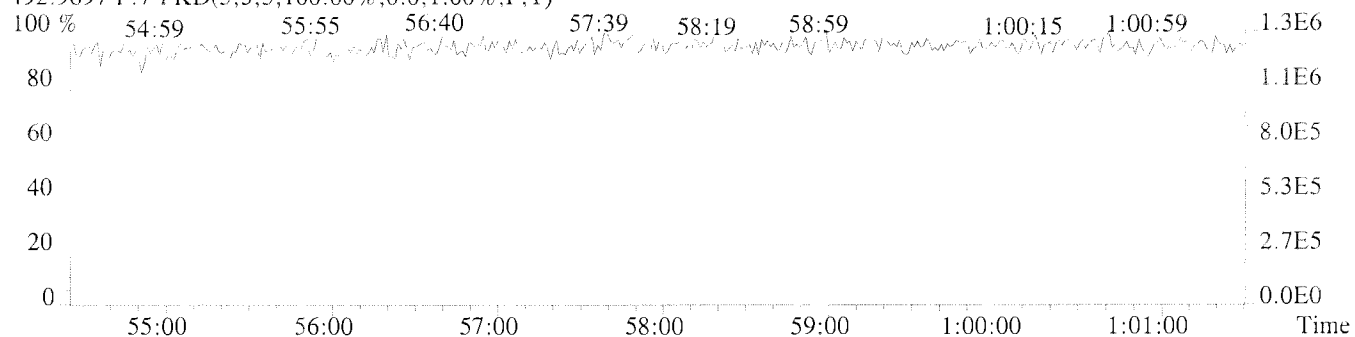
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1400.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1088.0,1.00%,F,T)

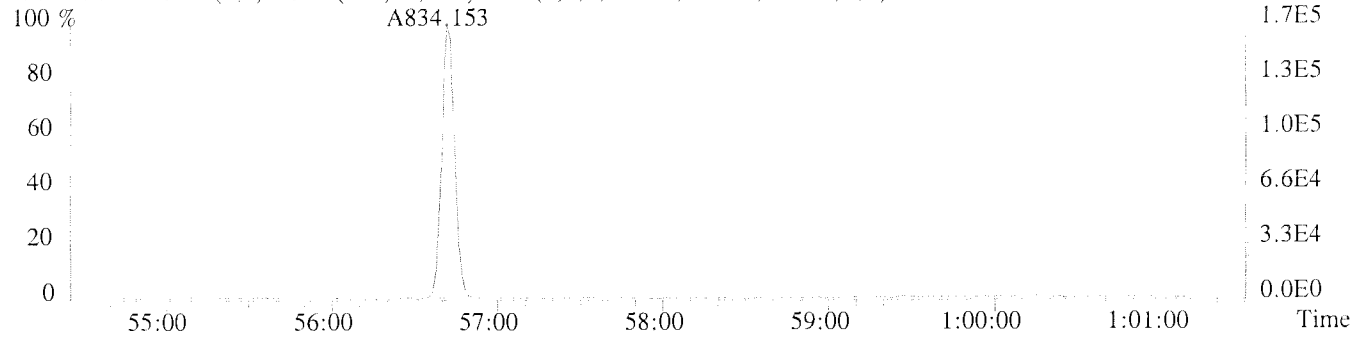


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

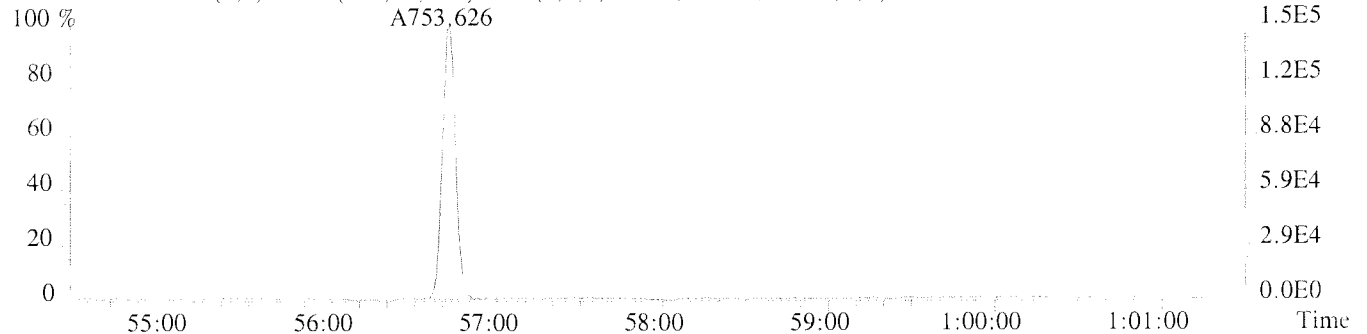


File:U224750 #1-400 Acq:14-JAN-2011 21:25:02 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-001 USENN/S011

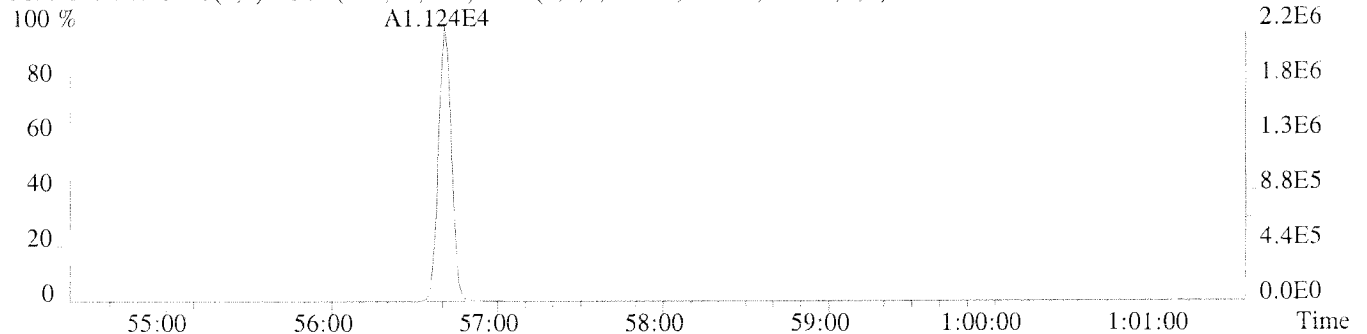
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1388.0,1.00%,F,T)



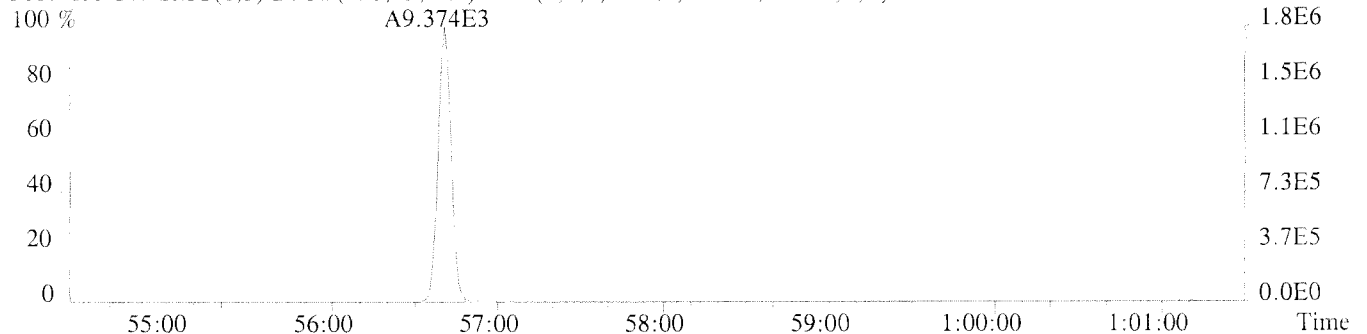
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1272.0,1.00%,F,T)



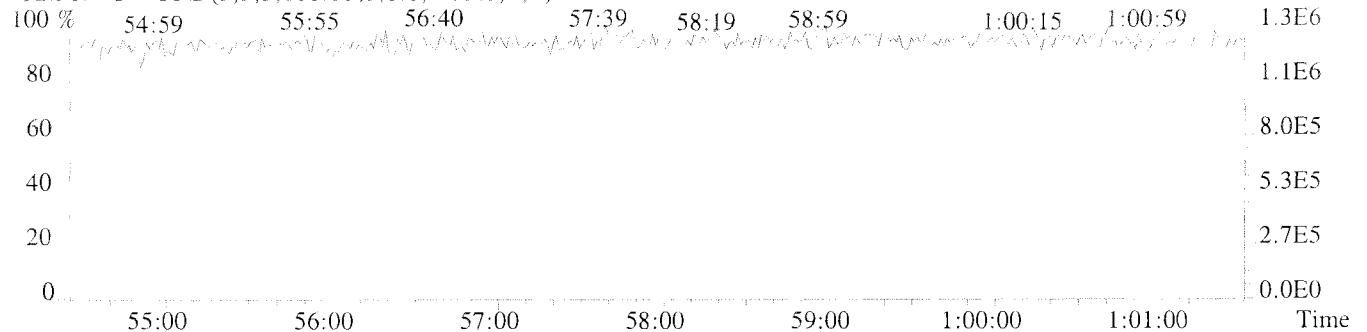
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1308.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1220.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-N/S-02-1

Run #11 Filename U224751 Samp: 1 Inj: 1 Acquired: 14-JAN-11 22:33:23
Processed: 17-JAN-11 11:56:15 Sample ID: K1013433-002

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	12:59	1.289e+04	4.206e+03	3.06	y	n	1.062
2	1	PCB-2	15:01	4.332e+03	1.425e+03	3.04	y	n	0.970
3	1	PCB-3	15:12	8.934e+03	2.974e+03	3.00	y	n	1.057
4	1	PCB-4	15:28	1.187e+04	6.302e+03	1.88	n	n	0.952
5	1	PCB-10	NotFnd	*	*	*	n	n	1.379
6	2	PCB-9	17:46	3.918e+03	2.639e+03	1.48	y	n	0.961
7	2	PCB-7	17:51	1.626e+03	1.014e+03	1.60	y	n	1.000
8	2	PCB-6	18:02	1.019e+04	6.726e+03	1.52	y	n	1.034
9	2	PCB-5	18:18	8.821e+02	7.007e+02	1.26	n	y	0.868
10	2	PCB-8	18:25	4.077e+04	2.537e+04	1.61	y	y	1.120
11	2	PCB-14	19:55	7.466e+01	6.438e+01	1.16	n	n	1.036
12	2	PCB-11	20:45	9.878e+03	6.173e+03	1.60	y	n	1.019
13	2	PCB-12/13	21:03	6.873e+03	4.377e+03	1.57	y	n	1.003
14	2	PCB-15	21:22	2.189e+04	1.414e+04	1.55	y	n	0.973
15	2	PCB-19	18:42	1.389e+03	1.389e+03	1.00	y	n	1.021
16	2	PCB-18/30	20:28	2.407e+04	2.369e+04	1.02	y	n	0.962
17	2	PCB-17	20:52	8.292e+03	8.345e+03	0.99	y	n	0.821
18	2	PCB-27	21:05	1.896e+03	1.892e+03	1.00	y	n	1.161
19	2	PCB-24	21:12	4.832e+02	4.588e+02	1.05	y	n	1.040
20	2	PCB-16	21:20	6.925e+03	6.813e+03	1.02	y	n	0.703
21	2	PCB-32	21:49	8.723e+03	8.770e+03	0.99	y	n	1.231
22	3	PCB-34	23:04	2.102e+02	1.931e+02	1.09	y	n	1.217
23	3	PCB-23	NotFnd	*	*	*	n	n	1.177
24	3	PCB-26/29	23:31	9.953e+03	9.421e+03	1.06	y	n	1.305
25	3	PCB-25	23:45	4.223e+03	4.154e+03	1.02	y	n	1.447
26	3	PCB-31	24:04	6.048e+04	5.803e+04	1.04	y	n	1.329
27	3	PCB-20/28	24:21	5.783e+04	5.543e+04	1.04	y	n	1.237
28	3	PCB-21/33	24:36	3.071e+04	2.927e+04	1.05	y	n	1.298
29	3	PCB-22	24:59	2.230e+04	2.147e+04	1.04	y	n	1.151
30	3	PCB-36	NotFnd	*	*	*	n	n	1.339
31	3	PCB-39	NotFnd	*	*	*	n	y	1.296
32	3	PCB-38	NotFnd	*	*	*	n	n	1.298
33	3	PCB-35	27:56	2.036e+03	2.259e+03	0.90	y	n	1.251
34	3	PCB-37	28:21	2.591e+04	2.445e+04	1.06	y	n	1.082
35	2	PCB-54	21:41	3.810e+01	5.738e+01	0.66	y	n	0.963
36	3	PCB-50/53	23:48	2.889e+03	3.755e+03	0.77	y	n	0.814
37	3	PCB-45/51	24:28	3.311e+03	4.203e+03	0.79	y	n	0.783
38	3	PCB-46	24:47	9.772e+02	1.208e+03	0.81	y	n	0.714
39	3	PCB-52	26:09	2.847e+04	3.700e+04	0.77	y	n	0.881
40	3	PCB-43/73	26:24	1.054e+03	1.311e+03	0.80	y	n	0.868
41	3	PCB-49/69	26:39	1.534e+04	1.980e+04	0.78	y	n	0.997
42	3	PCB-48	26:55	5.599e+03	7.244e+03	0.77	y	n	0.826
43	3	PCB-44/47/65	27:10	2.386e+04	3.129e+04	0.76	y	n	0.917
44	3	PCB-59/62/75	27:29	2.818e+03	3.659e+03	0.77	y	n	1.107
45	3	PCE-42	27:40	5.425e+03	7.130e+03	0.76	y	n	0.836
46	3	PCB-40/41/71	28:11	1.313e+04	1.749e+04	0.75	y	y	0.836
47	3	PCB-64	28:24	1.568e+04	2.028e+04	0.77	y	n	1.169
48	3	PCB-72	29:12	1.536e+02	2.635e+02	0.58	n	n	1.192
49	3	PCB-68	NotFnd	*	*	*	n	n	1.160
50	3	PCB-57	29:54	1.048e+02	1.532e+02	0.68	y	n	1.155


51	3	PCB-58	NotFnd	*	*	*	n	y	1.136
52	3	PCB-67	30:18	1.371e+03	1.814e+03	0.76	y	y	1.293
53	3	PCB-63	30:34	1.762e+03	2.291e+03	0.77	y	n	1.243
54	3	PCB-61/70/74/76	30:55	8.227e+04	1.070e+05	0.77	y	n	1.165
55	3	PCB-66	31:15	4.429e+04	5.838e+04	0.76	y	n	1.227
56	3	PCB-55	NotFnd	*	*	*	n	n	1.051
57	4	PCB-56	31:55	2.151e+04	2.655e+04	0.81	y	n	1.088
58	4	PCB-60	32:08	1.562e+04	1.927e+04	0.81	y	n	1.081
59	4	PCB-80	NotFnd	*	*	*	n	n	1.276
60	4	PCB-79	34:03	7.541e+02	1.037e+03	0.73	y	n	1.302
61	4	PCB-78	NotFnd	*	*	*	n	n	1.158
62	4	PCB-81	35:03	4.129e+02	5.989e+02	0.69	y	n	1.084
63	4	PCB-77	35:39	1.058e+04	1.351e+04	0.78	y	n	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:30	3.654e+02	2.478e+02	1.47	y	n	0.946
66	3	PCB-103	29:23	2.662e+02	1.672e+02	1.59	y	n	0.813
67	3	PCB-94	29:37	1.674e+02	1.020e+02	1.64	y	n	0.654
68	3	PCB-95	30:04	3.223e+04	2.034e+04	1.58	y	n	0.755
69	3	PCB-93/100	NotFnd	*	*	*	n	n	0.701
70	3	PCB-98/102	30:24	1.344e+03	8.476e+02	1.59	y	n	0.743
71	3	PCB-88/91	30:55	4.050e+03	2.554e+03	1.59	y	n	0.718
72	3	PCB-84	31:09	7.281e+03	4.722e+03	1.54	y	n	0.663
73	3	PCB-89	31:37	4.903e+02	3.055e+02	1.60	y	n	0.695
74	4	PCB-121	NotFnd	*	*	*	n	n	0.931
75	4	PCB-92	32:23	7.468e+03	4.735e+03	1.58	y	n	0.707
76	4	PCB-90/101/113	32:58	6.331e+04	4.056e+04	1.56	y	n	0.803
77	4	PCB-83/99	33:33	2.084e+04	1.321e+04	1.58	y	n	0.680
78	4	PCB-112	NotFnd	*	*	*	n	n	1.013
79	4	PCB-86/87/97/109/119/125	34:09	3.619e+04	2.330e+04	1.55	y	y	0.823
80	4	PCB-117	34:41	1.162e+03	7.462e+02	1.56	y	y	0.848
81	4	PCB-85/116	34:47	9.030e+03	5.712e+03	1.58	y	y	0.886
82	4	PCB-110/115	34:56	7.500e+04	4.771e+04	1.57	y	y	0.968
83	4	PCB-82	35:16	5.812e+03	3.620e+03	1.61	y	y	0.655
84	4	PCB-111	NotFnd	*	*	*	n	n	0.921
85	4	PCB-120	36:05	4.502e+02	2.940e+02	1.53	y	n	1.028
86	5	PCB-108/124	37:13	3.383e+03	2.171e+03	1.56	y	n	0.913
87	5	PCB-107	37:27	6.773e+03	4.202e+03	1.61	y	n	1.038
88	5	PCB-123	37:35	1.535e+03	7.958e+02	1.93	n	n	1.076
89	5	PCB-106	NotFnd	*	*	*	n	n	1.093
90	5	PCB-118	37:54	8.637e+04	5.562e+04	1.55	y	n	1.103
91	5	PCB-122	38:15	1.067e+03	6.035e+02	1.77	y	n	0.946
92	5	PCB-114	38:25	2.843e+03	2.089e+03	1.36	y	n	1.079
93	5	PCB-105	39:06	4.452e+04	2.869e+04	1.55	y	n	1.059
94	5	PCB-127	NotFnd	*	*	*	n	n	0.969
95	5	PCB-126	42:10	2.590e+03	1.687e+03	1.53	y	n	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	32:57	7.508e+01	7.123e+01	1.05	y	n	1.196
98	4	PCB-150	33:06	2.507e+02	2.242e+02	1.12	y	n	1.105
99	4	PCB-136	33:30	1.429e+04	1.162e+04	1.23	y	n	1.166
100	4	PCB-145	NotFnd	*	*	*	n	n	1.078
101	4	PCB-148	35:14	9.356e+01	6.525e+01	1.43	n	n	0.887
102	4	PCB-135/151	35:50	3.797e+04	3.102e+04	1.22	y	n	0.852
103	4	PCB-154	36:05	1.115e+03	9.253e+02	1.21	y	n	1.019
104	4	PCB-144	36:24	6.261e+03	4.928e+03	1.27	y	n	0.901
105	5	PCB-147/149	36:46	1.122e+05	8.955e+04	1.25	y	n	0.938
106	5	PCB-134	36:59	4.575e+03	3.565e+03	1.28	y	n	0.768
107	5	PCB-143	NotFnd	*	*	*	n	n	0.946

108	5	PCB-139/140	37:21	9.410e+02	7.590e+02	1.24	y	n	0.945
109	5	PCB-131	37:34	8.518e+02	6.799e+02	1.25	y	n	0.866
110	5	PCB-142	NotFnd	*	*	*	n	n	0.847
111	5	PCB-132	38:02	3.189e+04	2.534e+04	1.26	y	n	0.808
112	5	PCB-133	38:30	1.487e+03	1.173e+03	1.27	y	n	0.877
113	5	PCB-165	NotFnd	*	*	*	n	n	1.086
114	5	PCB-146	39:09	2.376e+04	1.908e+04	1.25	y	n	1.059
115	5	PCB-161	NotFnd	*	*	*	n	n	1.225
116	5	PCB-153/168	39:45	1.866e+05	1.500e+05	1.24	y	n	1.100
117	5	PCB-141	39:59	3.299e+04	2.652e+04	1.24	y	n	0.943
118	5	PCB-130	40:24	5.717e+03	4.733e+03	1.21	y	n	0.820
119	5	PCB-137	40:37	2.420e+03	1.929e+03	1.25	y	n	0.903
120	5	PCB-164	40:43	1.273e+04	1.027e+04	1.24	y	n	1.163
121	5	PCB-129/138/163	41:01	1.755e+05	1.410e+05	1.24	y	n	0.964
122	5	PCB-160	NotFnd	*	*	*	n	n	1.113
123	5	PCB-158	41:24	2.153e+04	1.715e+04	1.26	y	n	1.305
124	5	PCB-128/166	42:17	1.846e+04	1.493e+04	1.24	y	n	1.022
125	6	PCB-159	43:13	2.390e+03	1.914e+03	1.25	y	n	1.041
126	6	PCB-162	43:31	7.435e+02	5.859e+02	1.27	y	n	1.002
127	6	PCB-167	44:01	7.235e+03	5.944e+03	1.22	y	n	1.030
128	6	PCB-156/157	45:07	1.661e+04	1.302e+04	1.28	y	n	1.064
129	6	PCB-169	48:21	7.546e+02	5.818e+02	1.30	y	n	1.036
130	5	PCB-188	NotFnd	*	*	*	n	n	0.950
131	5	PCB-179	38:46	2.311e+04	2.272e+04	1.02	y	n	1.159
132	5	PCB-184	NotFnd	*	*	*	n	n	1.104
133	5	PCB-176	39:39	7.568e+03	7.425e+03	1.02	y	n	1.108
134	5	PCB-186	NotFnd	*	*	*	n	n	1.022
135	5	PCB-178	41:27	9.618e+03	9.450e+03	1.02	y	n	0.787
136	5	PCB-175	42:04	2.381e+03	2.392e+03	1.00	y	n	0.833
137	5	PCB-187	42:21	7.020e+04	6.900e+04	1.02	y	n	0.869
138	5	PCB-182	42:32	3.604e+02	3.861e+02	0.93	y	n	0.857
139	6	PCB-183	42:58	2.914e+04	2.939e+04	0.99	y	y	0.680
140	6	PCB-185	43:04	3.917e+03	3.886e+03	1.01	y	y	0.693
141	6	PCB-174	43:13	4.562e+04	4.565e+04	1.00	y	n	0.684
142	6	PCB-177	43:39	2.813e+04	2.871e+04	0.98	y	n	0.646
143	6	PCB-181	NotFnd	*	*	*	n	n	0.647
144	6	PCB-171/173	44:16	1.323e+04	1.318e+04	1.00	y	n	0.635
145	6	PCB-172	45:52	8.015e+03	8.120e+03	0.99	y	n	0.624
146	6	PCB-192	NotFnd	*	*	*	n	n	0.747
147	6	PCB-180/193	46:31	1.350e+05	1.349e+05	1.00	y	n	0.763
148	6	PCB-191	46:51	3.375e+03	3.348e+03	1.01	y	n	0.832
149	6	PCB-170	47:46	4.551e+04	4.547e+04	1.00	y	n	0.588
150	6	PCB-190	48:17	1.406e+04	1.431e+04	0.98	y	n	0.894
151	6	PCB-189	50:51	2.338e+03	2.415e+03	0.97	y	n	0.912
152	6	PCB-202	43:46	3.449e+03	3.940e+03	0.88	y	n	0.869
153	6	PCB-201	44:41	2.827e+03	3.305e+03	0.86	y	n	1.015
154	6	PCB-204	NotFnd	*	*	*	n	n	1.005
155	6	PCB-197	45:34	8.933e+02	1.063e+03	0.84	y	n	1.019
156	6	PCB-200	45:41	3.040e+03	3.363e+03	0.90	y	n	0.976
157	6	PCB-198/199	48:28	2.177e+04	2.528e+04	0.86	y	n	0.688
158	6	PCB-196	49:06	1.108e+04	1.282e+04	0.86	y	n	0.730
159	6	PCB-203	49:18	1.388e+04	1.608e+04	0.86	y	n	0.731
160	6	PCB-195	50:37	9.142e+03	1.044e+04	0.88	y	n	0.682
161	6	PCB-194	52:56	2.341e+04	2.691e+04	0.87	y	n	0.689
162	6	PCB-205	53:24	1.647e+03	1.909e+03	0.86	y	n	0.933
163	6	PCB-208	50:22	7.383e+02	9.556e+02	0.77	y	n	0.915
164	6	PCB-207	51:17	6.212e+02	8.082e+02	0.77	y	n	0.967

165	7	PCB-206	55:07	5.920e+03	7.854e+03	0.75	y	n	0.937
166	7	PCB-209	56:42	8.654e+02	6.869e+02	1.26	y	n	0.925
167	1	PCB-1L	12:58	2.624e+04	8.534e+03	3.07	y	n	1.162
168	1	PCB-3L	15:11	2.661e+04	9.135e+03	2.91	y	n	1.187
169	1	PCB-4L	15:27	1.512e+04	9.605e+03	1.57	y	n	0.907
170	2	PCB-15L	21:21	1.934e+04	1.212e+04	1.60	y	n	1.030
171	2	PCB-19L	18:41	8.763e+03	8.491e+03	1.03	y	n	0.615
172	3	PCB-37L	28:19	1.600e+04	1.559e+04	1.03	y	n	1.320
173	2	PCB-54L	21:40	9.369e+03	1.162e+04	0.81	y	n	1.261
174	4	PCB-81L	35:02	1.148e+04	1.446e+04	0.79	y	n	1.088
175	4	PCB-77L	35:37	1.168e+04	1.549e+04	0.75	y	n	1.091
176	3	PCB-104L	27:05	1.349e+04	8.480e+03	1.59	y	n	1.480
177	5	PCB-123L	37:33	1.505e+04	9.672e+03	1.56	y	n	1.214
178	5	PCB-118L	37:53	1.553e+04	9.826e+03	1.58	y	n	1.246
179	5	PCB-114L	38:24	1.508e+04	9.735e+03	1.55	y	n	1.236
180	5	PCB-105L	39:04	1.574e+04	1.009e+04	1.56	y	n	1.197
181	5	PCB-126L	42:09	1.638e+04	1.068e+04	1.53	y	n	1.105
182	4	PCB-155L	32:41	1.270e+04	1.012e+04	1.26	y	n	1.599
183	6	PCB-167L	43:58	1.077e+04	8.650e+03	1.25	y	n	1.051
184	6	PCB-156/157L	45:08	2.170e+04	1.692e+04	1.28	y	n	0.962
185	6	PCB-169L	48:20	1.065e+04	8.512e+03	1.25	y	n	0.886
186	5	PCB-188L	38:23	1.109e+04	1.047e+04	1.06	y	n	2.483
187	6	PCB-189L	50:49	9.200e+03	8.857e+03	1.04	y	n	1.503
188	6	PCB-202L	43:45	7.425e+03	8.282e+03	0.90	y	n	1.757
189	6	PCB-205L	53:23	7.772e+03	8.548e+03	0.91	y	n	1.317
190	6	PCB-208L	50:20	5.863e+03	7.319e+03	0.80	y	n	1.446
191	7	PCB-206L	55:06	6.590e+03	8.436e+03	0.78	y	n	1.176
192	7	PCB-209L	56:41	9.135e+03	7.500e+03	1.22	y	n	1.606
193	3	PCB-28L	24:20	1.758e+04	1.720e+04	1.02	y	n	1.538
194	4	PCB-111L	35:37	1.420e+04	9.098e+03	1.56	y	n	1.238
195	5	PCB-178L	41:26	7.863e+03	7.415e+03	1.06	y	n	1.355
196	2	PCB-9L	17:45	3.993e+04	2.605e+04	1.53	y	n	-
197	3	PCB-52L	26:09	1.990e+04	2.540e+04	0.78	y	n	-
198	4	PCB-101L	32:56	2.486e+04	1.545e+04	1.61	y	n	-
199	5	PCB-138L	40:59	2.709e+04	2.150e+04	1.26	y	n	-
200	6	PCB-194L	52:54	1.192e+04	1.320e+04	0.90	y	n	-

-- Sample Calculation--

$$\text{PCB-209} = \frac{(8.654e+02 + 6.869e+02) \times (100.0 \times 100.0) \text{ pg} \times 1}{(9.135e+03 + 7.500e+03) \times (5.197 \text{ g}) \times (100 - \quad) / 100 \times 0.9245} = 194 \text{ ng/g}$$

1/19/11


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sp166respa
 02/2009

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
USEN-N/S-02-1

Run #11 Filename U224751#1 Samp: 1 Inj: 1 Acquired: 14-JAN-11 22:33:23

Processed: 17-JAN-11 11:56:15 LAB. ID: K1013433-002

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	2.12e+06	1.83e+03	1.2e+03	6.81e+05	1.80e+03	3.8e+02
2	PCB-2	6.65e+05	1.83e+03	3.6e+02	2.23e+05	1.80e+03	1.2e+02
3	PCB-3	1.01e+06	1.83e+03	5.5e+02	3.27e+05	1.80e+03	1.8e+02
4	PCB-4	8.65e+05	5.34e+03	1.6e+02	5.03e+05	5.57e+04	9.0e+00
5	PCB-10	*	5.34e+03	*	*	5.57e+04	*
6	PCB-9	1.25e+06	5.24e+02	2.4e+03	8.43e+05	3.32e+03	2.5e+02
7	PCB-7	4.94e+05	5.24e+02	9.4e+02	3.10e+05	3.32e+03	9.3e+01
8	PCB-6	2.91e+06	5.24e+02	5.5e+03	1.92e+06	3.32e+03	5.8e+02
9	PCB-5	2.67e+05	5.24e+02	5.1e+02	1.89e+05	3.32e+03	5.7e+01
10	PCB-8	1.02e+07	5.24e+02	1.9e+04	6.29e+06	3.32e+03	1.9e+03
11	PCB-14	2.23e+04	5.24e+02	4.3e+01	1.70e+04	3.32e+03	5.1e+00
12	PCB-11	2.25e+06	5.24e+02	4.3e+03	1.38e+06	3.32e+03	4.2e+02
13	PCB-12/13	1.37e+06	5.24e+02	2.6e+03	8.69e+05	3.32e+03	2.6e+02
14	PCB-15	4.80e+06	5.24e+02	9.2e+03	3.12e+06	3.32e+03	9.4e+02
15	PCB-19	3.59e+05	2.37e+03	1.5e+02	3.64e+05	2.85e+03	1.3e+02
16	PCB-18/30	5.87e+06	2.37e+03	2.5e+03	5.75e+06	2.85e+03	2.0e+03
17	PCB-17	1.97e+06	2.37e+03	8.3e+02	1.96e+06	2.85e+03	6.9e+02
18	PCB-27	4.39e+05	2.37e+03	1.9e+02	4.42e+05	2.85e+03	1.6e+02
19	PCB-24	1.21e+05	2.37e+03	5.1e+01	1.16e+05	2.85e+03	4.1e+01
20	PCB-16	1.55e+06	2.37e+03	6.6e+02	1.53e+06	2.85e+03	5.4e+02
21	PCB-32	2.02e+06	2.37e+03	8.5e+02	2.03e+06	2.85e+03	7.1e+02
22	PCB-34	5.05e+04	3.45e+03	1.5e+01	4.44e+04	3.16e+03	1.4e+01
23	PCB-23	*	3.45e+03	*	*	3.16e+03	*
24	PCB-26/29	1.91e+06	3.45e+03	5.5e+02	1.82e+06	3.16e+03	5.8e+02
25	PCB-25	7.66e+05	3.45e+03	2.2e+02	7.46e+05	3.16e+03	2.4e+02
26	PCB-31	1.14e+07	3.45e+03	3.3e+03	1.10e+07	3.16e+03	3.5e+03
27	PCB-20/28	1.05e+07	3.45e+03	3.0e+03	1.01e+07	3.16e+03	3.2e+03
28	PCB-21/33	5.62e+06	3.45e+03	1.6e+03	5.37e+06	3.16e+03	1.7e+03
29	PCB-22	4.09e+06	3.45e+03	1.2e+03	3.99e+06	3.16e+03	1.3e+03
30	PCB-36	*	3.45e+03	*	*	3.16e+03	*
31	PCB-39	*	3.45e+03	*	*	3.16e+03	*
32	PCB-38	*	3.45e+03	*	*	3.16e+03	*
33	PCB-35	3.47e+05	3.45e+03	1.0e+02	3.74e+05	3.16e+03	1.2e+02
34	PCB-37	4.35e+06	3.45e+03	1.3e+03	4.08e+06	3.16e+03	1.3e+03
35	PCB-54	8.71e+03	1.65e+03	5.3e+00	1.39e+04	1.92e+03	7.2e+00
36	PCB-50/53	5.80e+05	1.08e+03	5.4e+02	7.71e+05	8.88e+02	8.7e+02
37	PCB-45/51	5.26e+05	1.08e+03	4.8e+02	6.45e+05	8.88e+02	7.3e+02
38	PCB-46	1.93e+05	1.08e+03	1.8e+02	2.40e+05	8.88e+02	2.7e+02
39	PCB-52	5.39e+06	1.08e+03	5.0e+03	7.01e+06	8.88e+02	7.9e+03
40	PCB-43/73	1.72e+05	1.08e+03	1.6e+02	2.25e+05	8.88e+02	2.5e+02
41	PCB-49/69	2.89e+06	1.08e+03	2.7e+03	3.72e+06	8.88e+02	4.2e+03
42	PCB-48	1.07e+06	1.08e+03	9.8e+02	1.39e+06	8.88e+02	1.6e+03
43	PCB-44/47/65	4.17e+06	1.08e+03	3.8e+03	5.47e+06	8.88e+02	6.2e+03
44	PCB-59/62/75	5.21e+05	1.08e+03	4.8e+02	6.69e+05	8.88e+02	7.5e+02
45	PCB-42	1.04e+06	1.08e+03	9.6e+02	1.36e+06	8.88e+02	1.5e+03
46	PCB-40/41/71	2.09e+06	1.08e+03	1.9e+03	2.76e+06	8.88e+02	3.1e+03
47	PCB-64	2.94e+06	1.08e+03	2.7e+03	3.74e+06	8.88e+02	4.2e+03

48	PCB-72	3.91e+04	1.08e+03	3.6e+01	5.76e+04	8.88e+02	6.5e+01
49	PCB-68	*	1.08e+03	*	*	8.88e+02	*
50	PCB-57	2.77e+04	1.08e+03	2.6e+01	3.54e+04	8.88e+02	4.0e+01
51	PCB-58	*	1.08e+03	*	*	8.88e+02	*
52	PCB-67	2.59e+05	1.08e+03	2.4e+02	3.37e+05	8.88e+02	3.8e+02
53	PCB-63	3.34e+05	1.08e+03	3.1e+02	4.32e+05	8.88e+02	4.9e+02
54	PCB-61/70/74/76	1.08e+07	1.08e+03	1.0e+04	1.40e+07	8.88e+02	1.6e+04
55	PCB-66	7.54e+06	1.08e+03	7.0e+03	9.93e+06	8.88e+02	1.1e+04
56	PCB-55	*	1.08e+03	*	*	8.88e+02	*
57	PCB-56	3.77e+06	6.98e+03	5.4e+02	4.70e+06	3.94e+03	1.2e+03
58	PCB-60	2.66e+06	6.98e+03	3.8e+02	3.26e+06	3.94e+03	8.3e+02
59	PCB-80	*	6.98e+03	*	*	3.94e+03	*
60	PCB-79	1.38e+05	6.98e+03	2.0e+01	1.73e+05	3.94e+03	4.4e+01
61	PCB-78	*	6.98e+03	*	*	3.94e+03	*
62	PCB-81	7.07e+04	6.98e+03	1.0e+01	9.88e+04	3.94e+03	2.5e+01
63	PCB-77	1.83e+06	6.98e+03	2.6e+02	2.30e+06	3.94e+03	5.8e+02
64	PCB-104	*	9.16e+02	*	*	8.84e+02	*
65	PCB-96	7.32e+04	9.16e+02	8.0e+01	5.03e+04	8.84e+02	5.7e+01
66	PCB-103	5.25e+04	9.16e+02	5.7e+01	3.13e+04	8.84e+02	3.5e+01
67	PCB-94	3.46e+04	9.16e+02	3.8e+01	2.12e+04	8.84e+02	2.4e+01
68	PCB-95	5.90e+06	9.16e+02	6.4e+03	3.74e+06	8.84e+02	4.2e+03
69	PCB-93/100	*	9.16e+02	*	*	8.84e+02	*
70	PCB-98/102	2.26e+05	9.16e+02	2.5e+02	1.52e+05	8.84e+02	1.7e+02
71	PCB-88/91	7.75e+05	9.16e+02	8.5e+02	4.80e+05	8.84e+02	5.4e+02
72	PCB-84	1.35e+06	9.16e+02	1.5e+03	8.84e+05	8.84e+02	1.0e+03
73	PCB-89	9.51e+04	9.16e+02	1.0e+02	6.10e+04	8.84e+02	6.9e+01
74	PCB-121	*	5.84e+03	*	*	2.99e+03	*
75	PCB-92	1.40e+06	5.84e+03	2.4e+02	8.85e+05	2.99e+03	3.0e+02
76	PCB-90/101/113	1.17e+07	5.84e+03	2.0e+03	7.46e+06	2.99e+03	2.5e+03
77	PCB-83/99	3.48e+06	5.84e+03	6.0e+02	2.22e+06	2.99e+03	7.4e+02
78	PCB-112	*	5.84e+03	*	*	2.99e+03	*
79	CB-86/87/97/109/119/125	3.74e+06	5.84e+03	6.4e+02	2.41e+06	2.99e+03	8.1e+02
80	PCB-117	2.75e+05	5.84e+03	4.7e+01	1.79e+05	2.99e+03	6.0e+01
81	PCB-85/116	1.62e+06	5.84e+03	2.8e+02	1.02e+06	2.99e+03	3.4e+02
82	PCB-110/115	1.31e+07	5.84e+03	2.3e+03	8.40e+06	2.99e+03	2.8e+03
83	PCB-82	9.41e+05	5.84e+03	1.6e+02	6.05e+05	2.99e+03	2.0e+02
84	PCB-111	*	5.84e+03	*	*	2.99e+03	*
85	PCB-120	9.12e+04	5.84e+03	1.6e+01	5.71e+04	2.99e+03	1.9e+01
86	PCB-108/124	6.15e+05	2.49e+04	2.5e+01	3.97e+05	3.19e+04	1.2e+01
87	PCB-107	1.16e+06	2.49e+04	4.7e+01	7.23e+05	3.19e+04	2.3e+01
88	PCB-123	3.25e+05	2.49e+04	1.3e+01	1.85e+05	3.19e+04	5.8e+00
89	PCB-106	*	2.49e+04	*	*	3.19e+04	*
90	PCB-118	1.52e+07	2.49e+04	6.1e+02	9.76e+06	3.19e+04	3.1e+02
91	PCB-122	1.97e+05	2.49e+04	7.9e+00	1.21e+05	3.19e+04	3.8e+00
92	PCB-114	4.60e+05	2.49e+04	1.8e+01	3.19e+05	3.19e+04	1.0e+01
93	PCB-105	7.58e+06	2.49e+04	3.0e+02	4.85e+06	3.19e+04	1.5e+02
94	PCB-127	*	2.49e+04	*	*	3.19e+04	*
95	PCB-126	4.36e+05	2.49e+04	1.8e+01	2.91e+05	3.19e+04	9.1e+00
96	PCB-155	*	1.30e+03	*	*	7.32e+02	*
97	PCB-152	1.70e+04	1.30e+03	1.3e+01	1.32e+04	7.32e+02	1.8e+01
98	PCB-150	4.78e+04	1.30e+03	3.7e+01	3.92e+04	7.32e+02	5.4e+01
99	PCB-136	2.75e+06	1.30e+03	2.1e+03	2.20e+06	7.32e+02	3.0e+03
100	PCB-145	*	1.30e+03	*	*	7.32e+02	*
101	PCB-148	1.86e+04	1.30e+03	1.4e+01	1.42e+04	7.32e+02	1.9e+01
102	PCB-135/151	5.22e+06	1.30e+03	4.0e+03	4.28e+06	7.32e+02	5.8e+03
103	PCB-154	1.98e+05	1.30e+03	1.5e+02	1.66e+05	7.32e+02	2.3e+02
104	PCB-144	1.17e+06	1.30e+03	8.9e+02	9.18e+05	7.32e+02	1.3e+03

105	PCB-147/149	2.05e+07	7.37e+03	2.8e+03	1.64e+07	7.26e+03	2.3e+03
106	PCB-134	8.07e+05	7.37e+03	1.1e+02	6.15e+05	7.26e+03	8.5e+01
107	PCB-143	*	7.37e+03	*	*	7.26e+03	*
108	PCB-139/140	1.73e+05	7.37e+03	2.3e+01	1.37e+05	7.26e+03	1.9e+01
109	PCB-131	1.60e+05	7.37e+03	2.2e+01	1.32e+05	7.26e+03	1.8e+01
110	PCB-142	*	7.37e+03	*	*	7.26e+03	*
111	PCB-132	5.74e+06	7.37e+03	7.8e+02	4.61e+06	7.26e+03	6.3e+02
112	PCB-133	2.78e+05	7.37e+03	3.8e+01	2.11e+05	7.26e+03	2.9e+01
113	PCB-165	*	7.37e+03	*	*	7.26e+03	*
114	PCB-146	4.34e+06	7.37e+03	5.9e+02	3.45e+06	7.26e+03	4.7e+02
115	PCB-161	*	7.37e+03	*	*	7.26e+03	*
116	PCB-153/168	3.24e+07	7.37e+03	4.4e+03	2.61e+07	7.26e+03	3.6e+03
117	PCB-141	5.51e+06	7.37e+03	7.5e+02	4.41e+06	7.26e+03	6.1e+02
118	PCB-130	1.02e+06	7.37e+03	1.4e+02	8.30e+05	7.26e+03	1.1e+02
119	PCB-137	5.01e+05	7.37e+03	6.8e+01	3.93e+05	7.26e+03	5.4e+01
120	PCB-164	2.38e+06	7.37e+03	3.2e+02	1.95e+06	7.26e+03	2.7e+02
121	PCB-129/138/163	3.04e+07	7.37e+03	4.1e+03	2.46e+07	7.26e+03	3.4e+03
122	PCB-160	*	7.37e+03	*	*	7.26e+03	*
123	PCB-158	3.82e+06	7.37e+03	5.2e+02	3.04e+06	7.26e+03	4.2e+02
124	PCB-128/166	2.80e+06	7.37e+03	3.8e+02	2.19e+06	7.26e+03	3.0e+02
125	PCB-159	5.18e+05	5.70e+03	9.1e+01	4.01e+05	5.31e+03	7.6e+01
126	PCB-162	1.65e+05	5.70e+03	2.9e+01	1.29e+05	5.31e+03	2.4e+01
127	PCB-167	1.55e+06	5.70e+03	2.7e+02	1.26e+06	5.31e+03	2.4e+02
128	PCB-156/157	3.22e+06	5.70e+03	5.7e+02	2.51e+06	5.31e+03	4.7e+02
129	PCB-169	8.71e+04	5.70e+03	1.5e+01	6.70e+04	5.31e+03	1.3e+01
130	PCB-188	*	1.48e+03	*	*	1.54e+03	*
131	PCB-179	4.15e+06	1.48e+03	2.8e+03	4.11e+06	1.54e+03	2.7e+03
132	PCB-184	*	1.48e+03	*	*	1.54e+03	*
133	PCB-176	1.33e+06	1.48e+03	9.0e+02	1.31e+06	1.54e+03	8.5e+02
134	PCB-186	*	1.48e+03	*	*	1.54e+03	*
135	PCB-178	1.80e+06	1.48e+03	1.2e+03	1.76e+06	1.54e+03	1.1e+03
136	PCB-175	4.41e+05	1.48e+03	3.0e+02	4.28e+05	1.54e+03	2.8e+02
137	PCB-187	1.27e+07	1.48e+03	8.6e+03	1.25e+07	1.54e+03	8.1e+03
138	PCB-182	6.60e+04	1.48e+03	4.4e+01	5.99e+04	1.54e+03	3.9e+01
139	PCB-183	6.45e+06	8.13e+03	7.9e+02	6.44e+06	3.89e+03	1.7e+03
140	PCB-185	1.16e+06	8.13e+03	1.4e+02	1.19e+06	3.89e+03	3.1e+02
141	PCB-174	9.76e+06	8.13e+03	1.2e+03	9.71e+06	3.89e+03	2.5e+03
142	PCB-177	6.16e+06	8.13e+03	7.6e+02	6.34e+06	3.89e+03	1.6e+03
143	PCB-181	*	8.13e+03	*	*	3.89e+03	*
144	PCB-171/173	2.90e+06	8.13e+03	3.6e+02	2.93e+06	3.89e+03	7.5e+02
145	PCB-172	1.76e+06	8.13e+03	2.2e+02	1.77e+06	3.89e+03	4.6e+02
146	PCB-192	*	8.13e+03	*	*	3.89e+03	*
147	PCB-180/193	2.88e+07	8.13e+03	3.5e+03	2.85e+07	3.89e+03	7.3e+03
148	PCB-191	7.06e+05	8.13e+03	8.7e+01	7.24e+05	3.89e+03	1.9e+02
149	PCB-170	9.68e+06	8.13e+03	1.2e+03	9.70e+06	3.89e+03	2.5e+03
150	PCB-190	2.99e+06	8.13e+03	3.7e+02	3.05e+06	3.89e+03	7.8e+02
151	PCB-189	4.86e+05	8.13e+03	6.0e+01	4.91e+05	3.89e+03	1.3e+02
152	PCB-202	7.64e+05	1.56e+03	4.9e+02	8.70e+05	1.32e+03	6.6e+02
153	PCB-201	6.22e+05	1.56e+03	4.0e+02	7.35e+05	1.32e+03	5.6e+02
154	PCB-204	*	1.56e+03	*	*	1.32e+03	*
155	PCB-197	2.05e+05	1.56e+03	1.3e+02	2.41e+05	1.32e+03	1.8e+02
156	PCB-200	6.53e+05	1.56e+03	4.2e+02	7.23e+05	1.32e+03	5.5e+02
157	PCB-198/199	4.44e+06	1.56e+03	2.8e+03	5.14e+06	1.32e+03	3.9e+03
158	PCB-196	2.35e+06	1.56e+03	1.5e+03	2.72e+06	1.32e+03	2.1e+03
159	PCB-203	2.94e+06	1.56e+03	1.9e+03	3.40e+06	1.32e+03	2.6e+03
160	PCB-195	1.95e+06	1.56e+03	1.2e+03	2.21e+06	1.32e+03	1.7e+03
161	PCB-194	4.89e+06	1.56e+03	3.1e+03	5.63e+06	1.32e+03	4.3e+03
162	PCB-205	3.41e+05	1.56e+03	2.2e+02	3.90e+05	1.32e+03	3.0e+02

Run #11

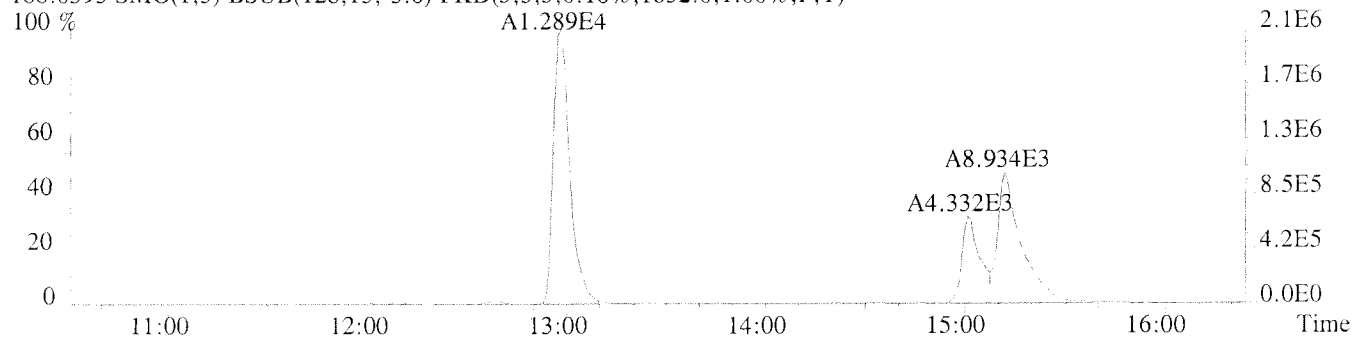
Filename U224751#1 Samp: 1

Acquired: 14-JAN-11 22:33:23

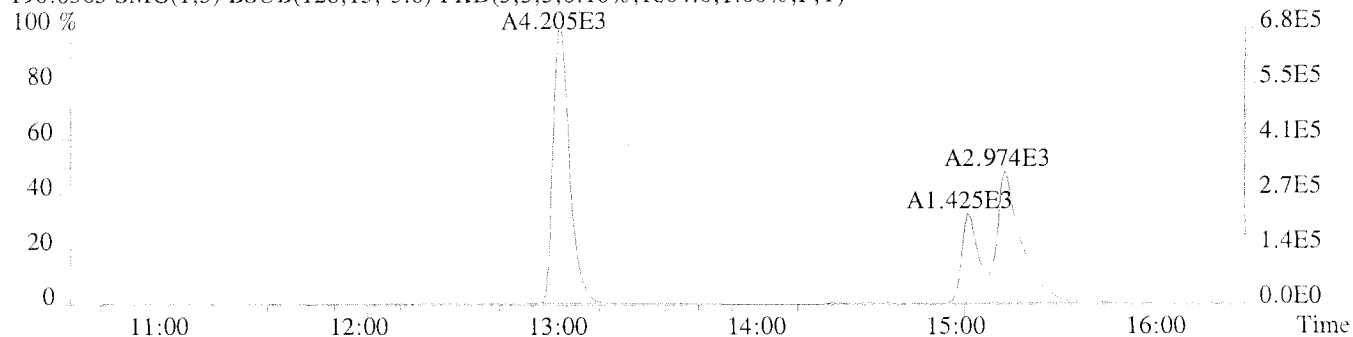
163	PCB-208	1.54e+05	1.24e+03	1.2e+02	1.98e+05	1.16e+03	1.7e+02
164	PCB-207	1.35e+05	1.24e+03	1.1e+02	1.75e+05	1.16e+03	1.5e+02
165	PCB-206	1.11e+06	9.24e+02	1.2e+03	1.52e+06	9.88e+02	1.5e+03
166	PCB-209	1.65e+05	1.10e+03	1.5e+02	1.34e+05	1.03e+03	1.3e+02
167	PCB-11L	4.30e+06	1.91e+03	2.2e+03	1.40e+06	2.61e+04	5.4e+01
168	PCB-3L	3.03e+06	1.91e+03	1.6e+03	1.03e+06	2.61e+04	3.9e+01
169	PCB-4L	1.21e+06	3.82e+03	3.2e+02	7.63e+05	2.09e+03	3.7e+02
170	PCB-15L	4.34e+06	9.56e+03	4.5e+02	2.72e+06	2.78e+03	9.8e+02
171	PCB-19L	2.28e+06	4.85e+04	4.7e+01	2.20e+06	4.05e+04	5.4e+01
172	PCB-37L	2.69e+06	9.46e+03	2.8e+02	2.60e+06	9.50e+03	2.7e+02
173	PCB-54L	2.18e+06	3.84e+03	5.7e+02	2.65e+06	1.54e+03	1.7e+03
174	PCB-81L	1.89e+06	1.93e+03	9.8e+02	2.39e+06	1.16e+03	2.1e+03
175	PCB-77L	1.94e+06	1.93e+03	1.0e+03	2.62e+06	1.16e+03	2.2e+03
176	PCB-104L	2.62e+06	8.88e+02	3.0e+03	1.63e+06	9.04e+02	1.8e+03
177	PCB-123L	2.61e+06	4.60e+03	5.7e+02	1.71e+06	2.51e+03	6.8e+02
178	PCB-118L	2.79e+06	4.60e+03	6.1e+02	1.75e+06	2.51e+03	7.0e+02
179	PCB-114L	2.67e+06	4.60e+03	5.8e+02	1.72e+06	2.51e+03	6.9e+02
180	PCB-105L	2.68e+06	4.60e+03	5.8e+02	1.72e+06	2.51e+03	6.9e+02
181	PCB-126L	2.75e+06	4.60e+03	6.0e+02	1.75e+06	2.51e+03	7.0e+02
182	PCB-155L	2.40e+06	9.16e+02	2.6e+03	1.92e+06	8.72e+02	2.2e+03
183	PCB-167L	2.39e+06	7.60e+02	3.1e+03	1.91e+06	1.42e+03	1.4e+03
184	PCB-156/157L	3.38e+06	7.60e+02	4.4e+03	2.63e+06	1.42e+03	1.9e+03
185	PCB-169L	2.13e+06	7.60e+02	2.8e+03	1.71e+06	1.42e+03	1.2e+03
186	PCB-188L	2.02e+06	1.72e+03	1.2e+03	1.94e+06	1.71e+03	1.1e+03
187	PCB-189L	1.81e+06	1.28e+03	1.4e+03	1.79e+06	1.42e+03	1.3e+03
188	PCB-202L	1.60e+06	1.10e+03	1.5e+03	1.79e+06	1.34e+03	1.3e+03
189	PCB-205L	1.58e+06	1.10e+03	1.4e+03	1.74e+06	1.34e+03	1.3e+03
190	PCB-208L	1.24e+06	9.60e+02	1.3e+03	1.55e+06	1.33e+03	1.2e+03
191	PCB-206L	1.27e+06	9.00e+02	1.4e+03	1.62e+06	8.48e+02	1.9e+03
192	PCB-209L	1.70e+06	1.12e+03	1.5e+03	1.39e+06	7.72e+02	1.8e+03
193	PCB-28L	3.34e+06	9.46e+03	3.5e+02	3.27e+06	9.50e+03	3.4e+02
194	PCB-111L	2.54e+06	1.36e+03	1.9e+03	1.64e+06	1.07e+03	1.5e+03
195	PCB-178L	1.44e+06	1.72e+03	8.4e+02	1.36e+06	1.71e+03	8.0e+02
196	PCB-9L	1.26e+07	9.56e+03	1.3e+03	8.31e+06	2.78e+03	3.0e+03
197	PCB-52L	3.89e+06	1.78e+03	2.2e+03	4.93e+06	1.36e+03	3.6e+03
198	PCB-101L	4.49e+06	1.36e+03	3.3e+03	2.83e+06	1.07e+03	2.6e+03
199	PCB-138L	4.96e+06	1.70e+03	2.9e+03	3.94e+06	1.56e+03	2.5e+03
200	PCB-194L	2.44e+06	1.10e+03	2.2e+03	2.73e+06	1.34e+03	2.0e+03

File:U224751 #1-379 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-002 USENN/S021

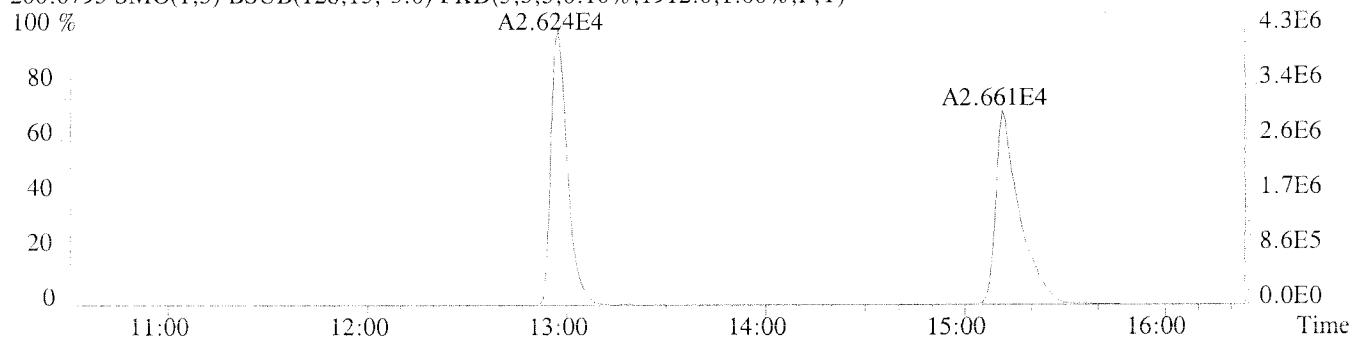
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1832.0,1.00%,F,T)



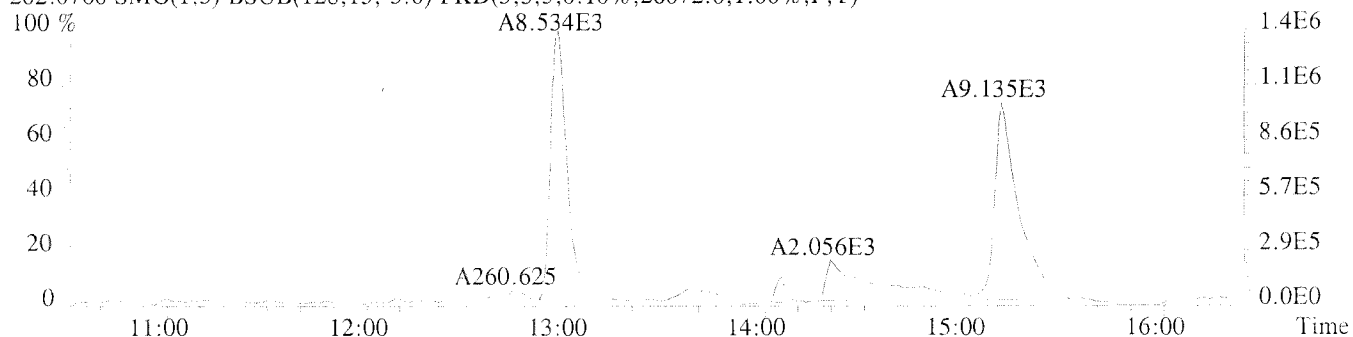
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1804.0,1.00%,F,T)



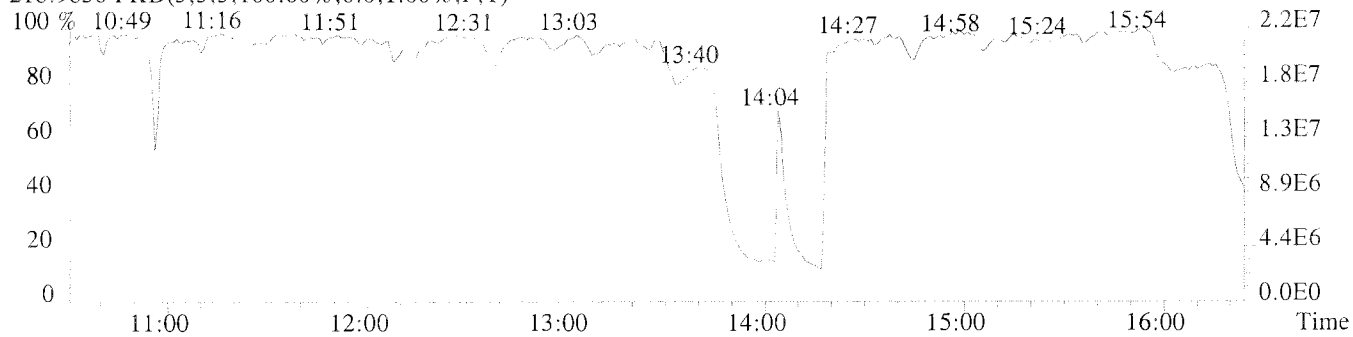
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1912.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,26072.0,1.00%,F,T)



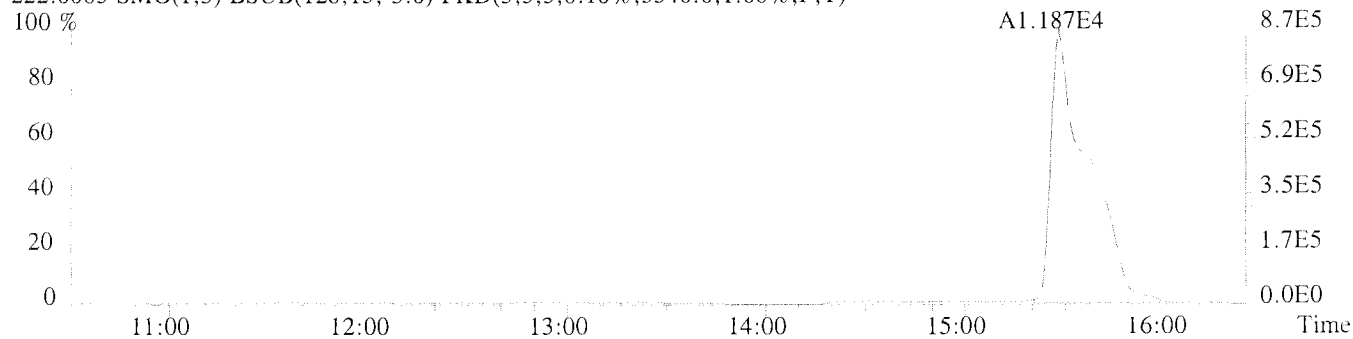
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



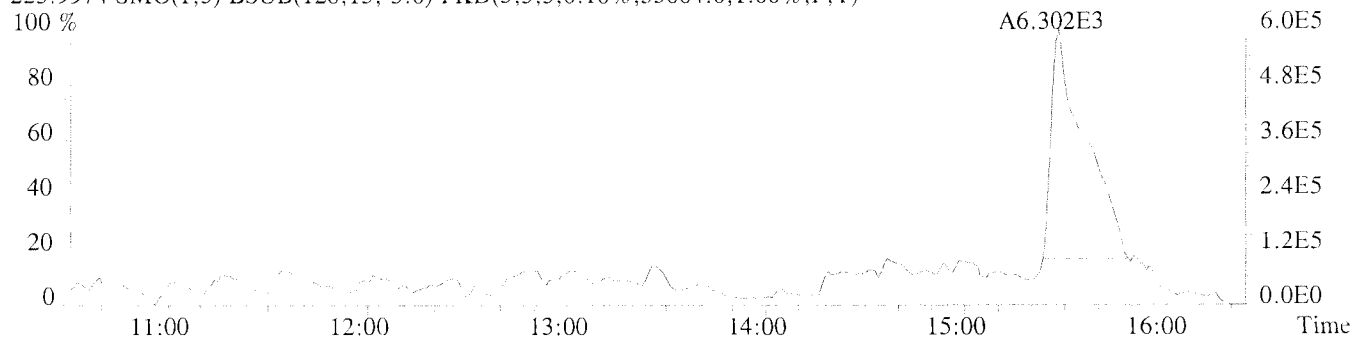
File:U224751 #1-379 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-002 USENN/S021

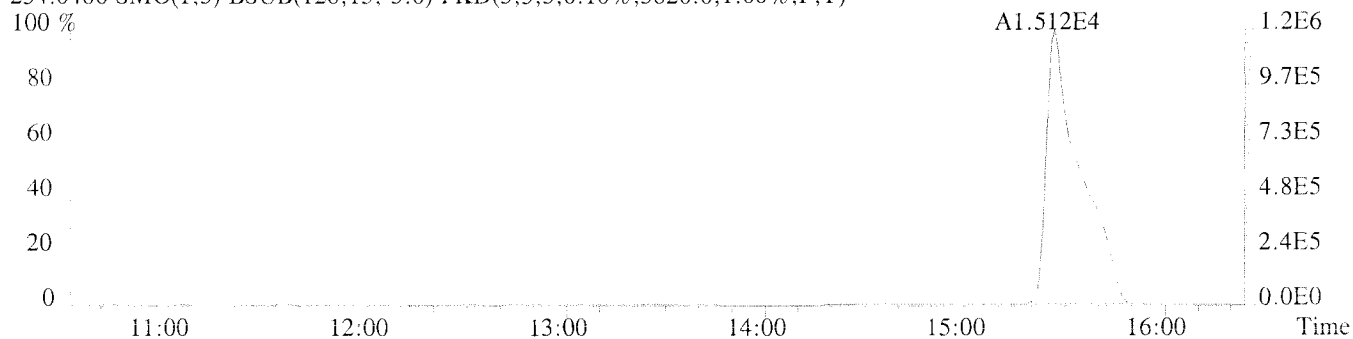
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5340.0,1.00%,F,T)



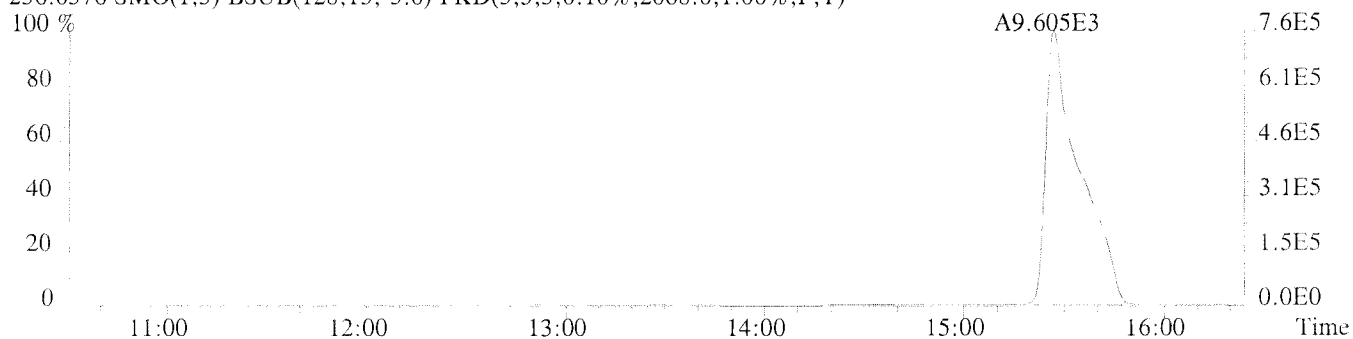
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,55664.0,1.00%,F,T)



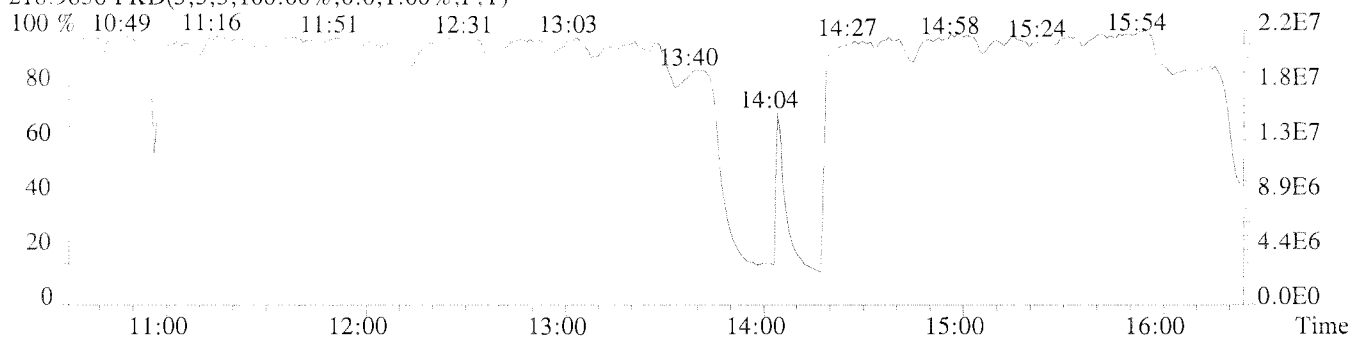
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3820.0,1.00%,F,T)



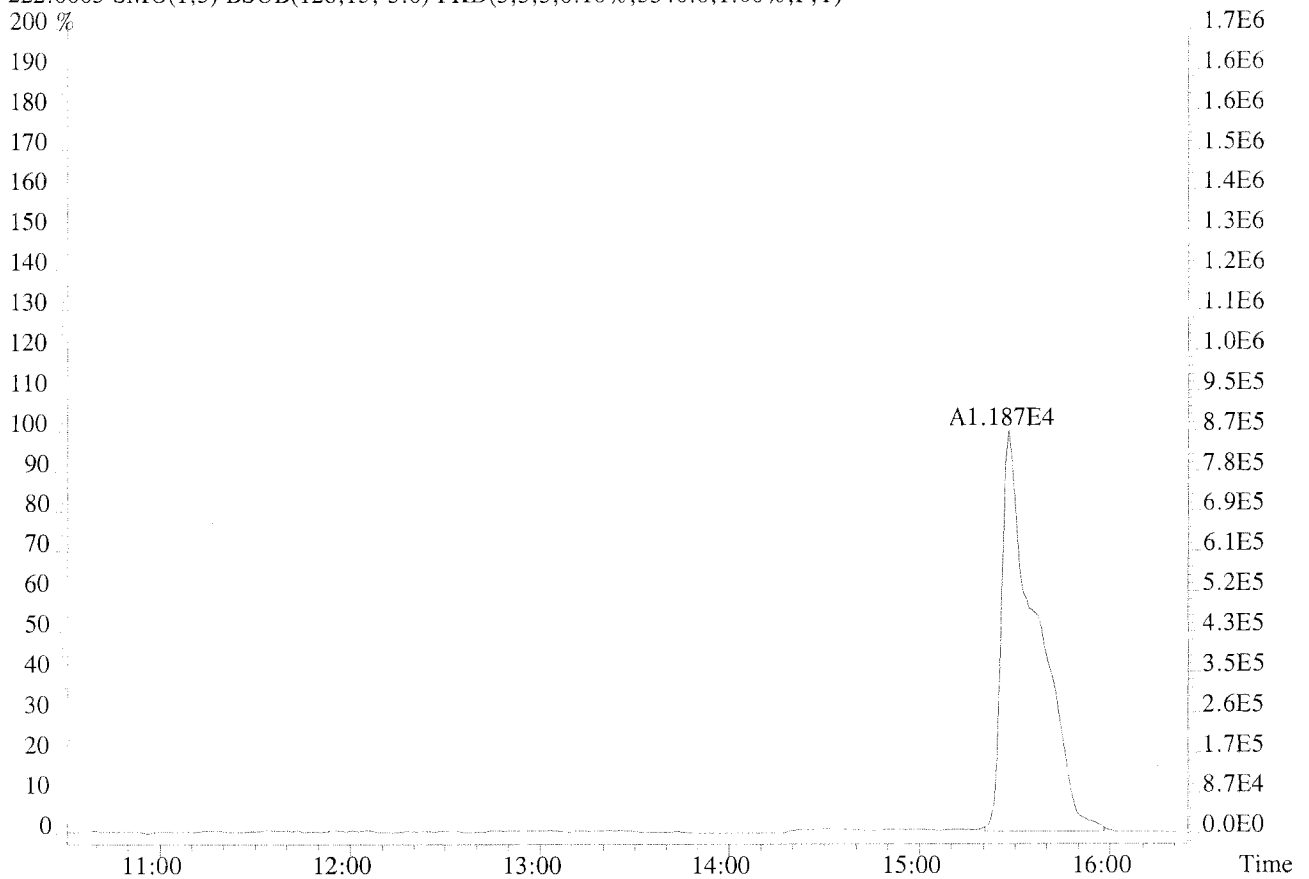
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2088.0,1.00%,F,T)



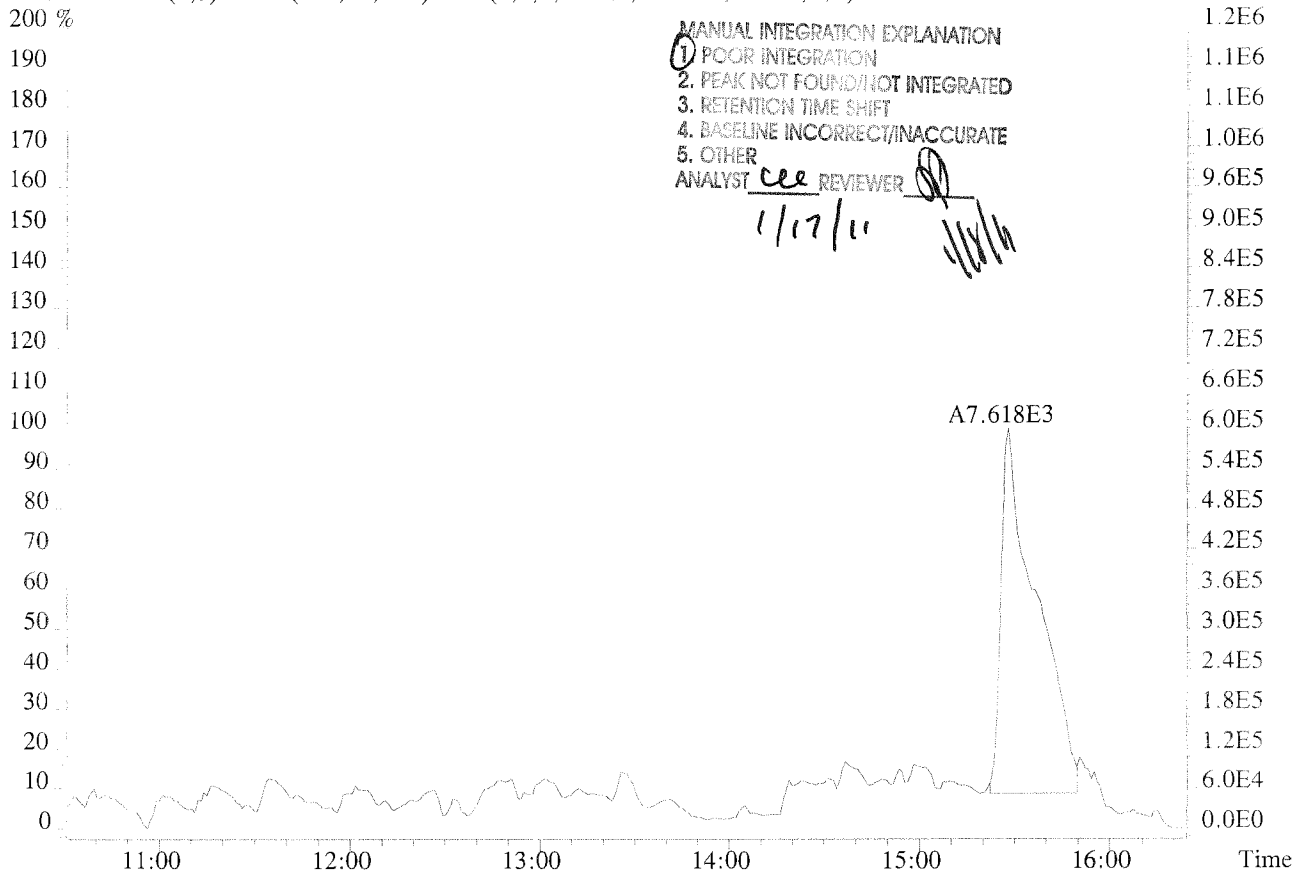
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224751 #1-379 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-002 USENN/S021
 222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5340.0,1.00%,F,T)
 200 %

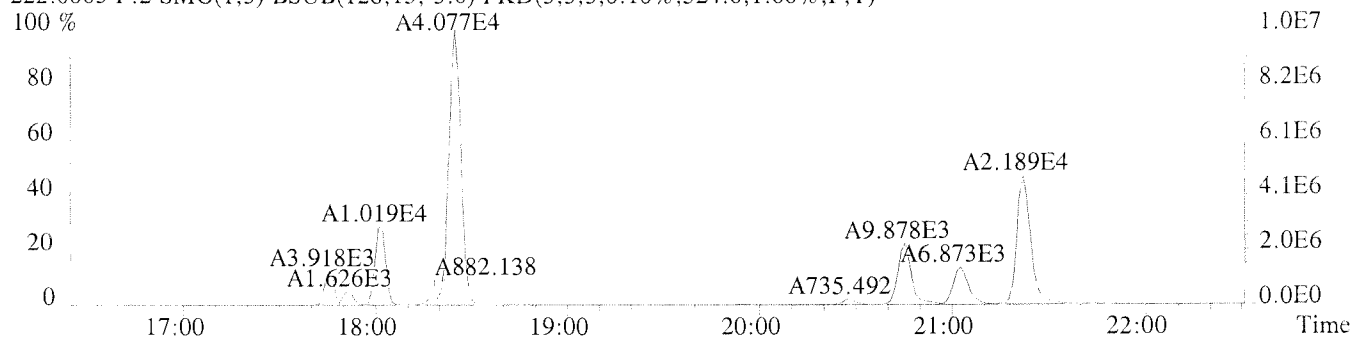


223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,55664.0,1.00%,F,T)

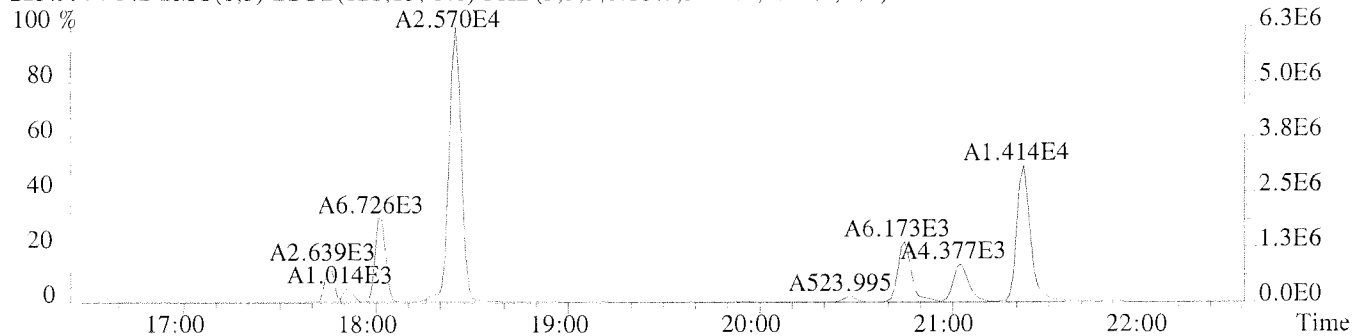


File:U224751 #1-337 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-002 USENN/S021

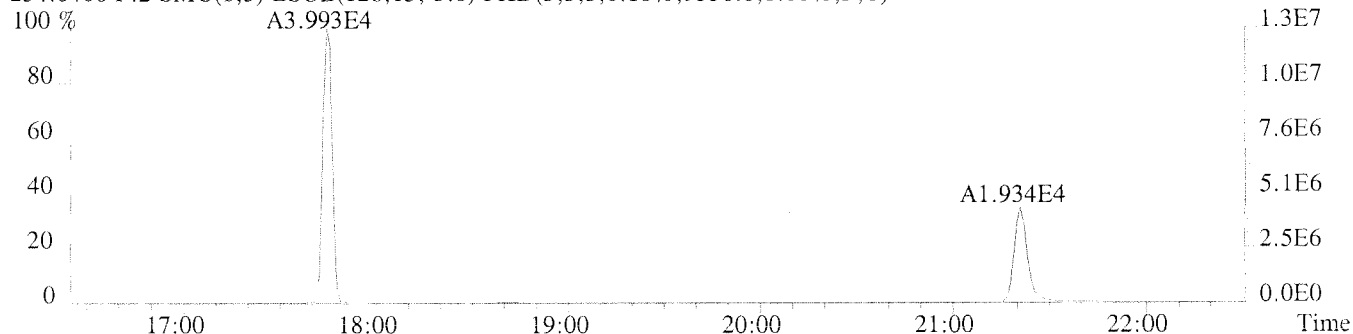
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,524.0,1.00%,F,T)



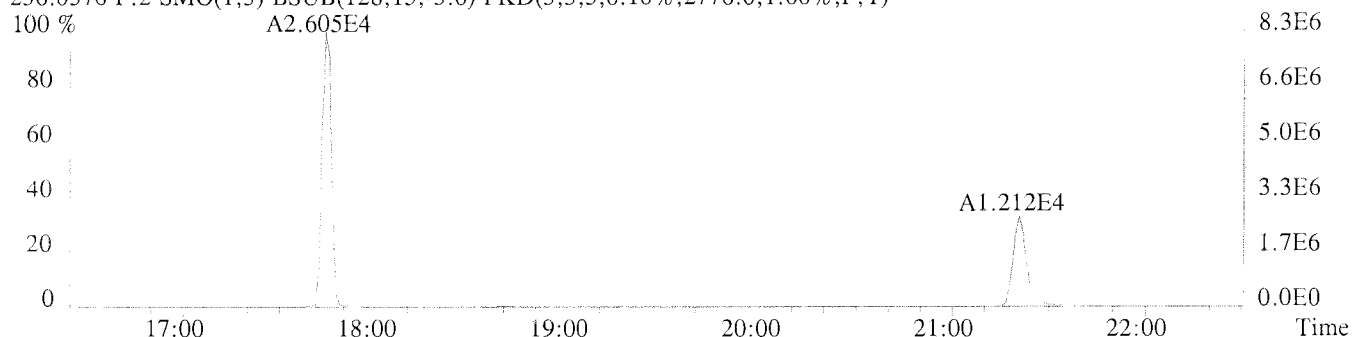
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3324.0,1.00%,F,T)



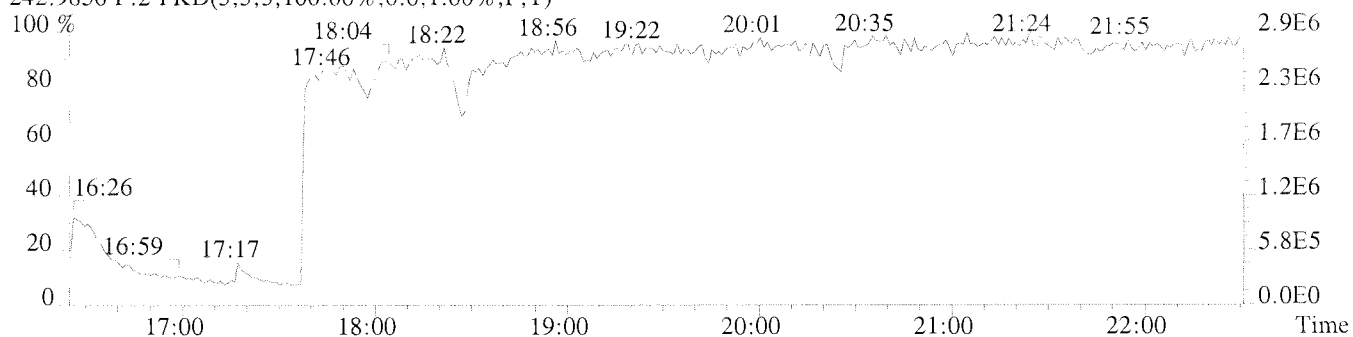
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9556.0,1.00%,F,T)



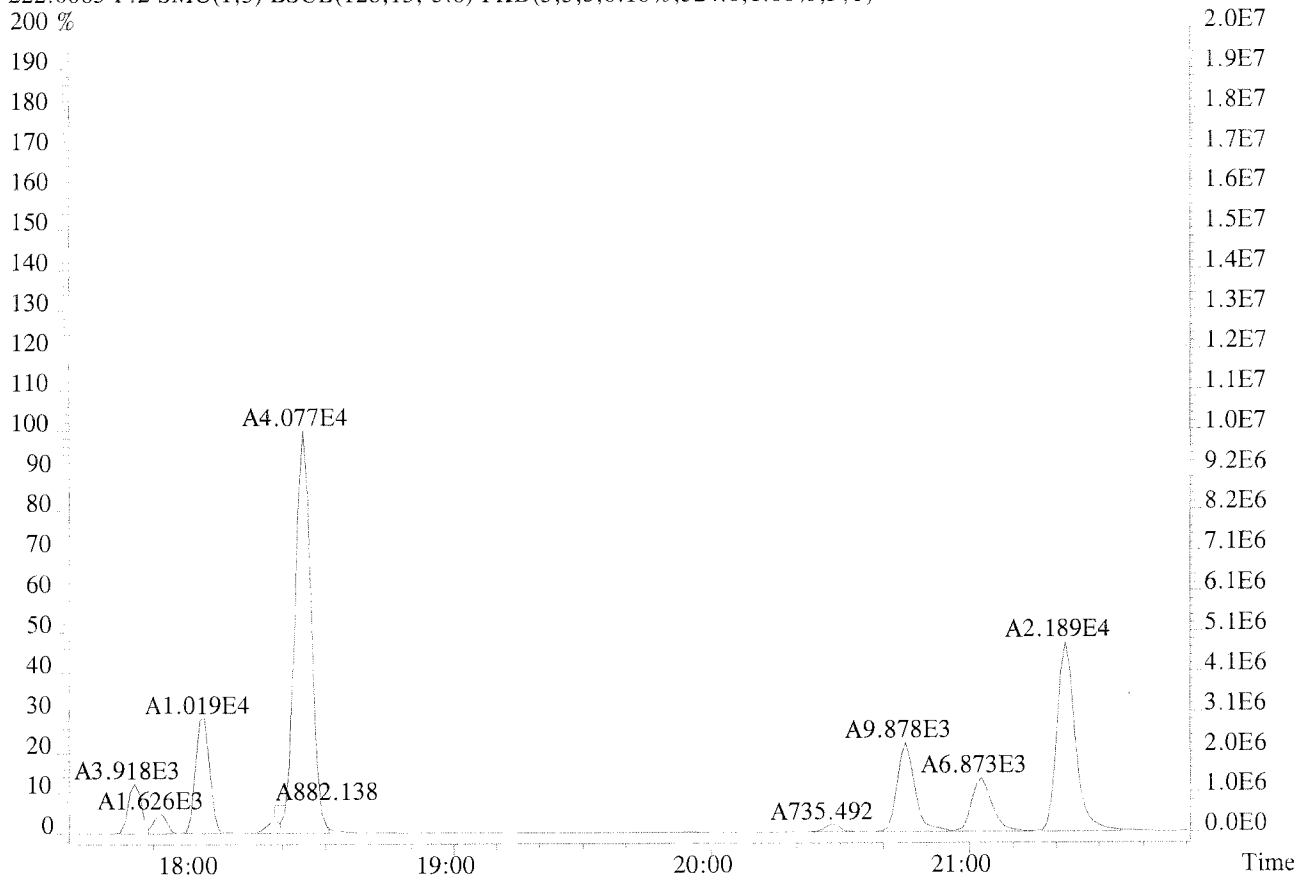
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2776.0,1.00%,F,T)



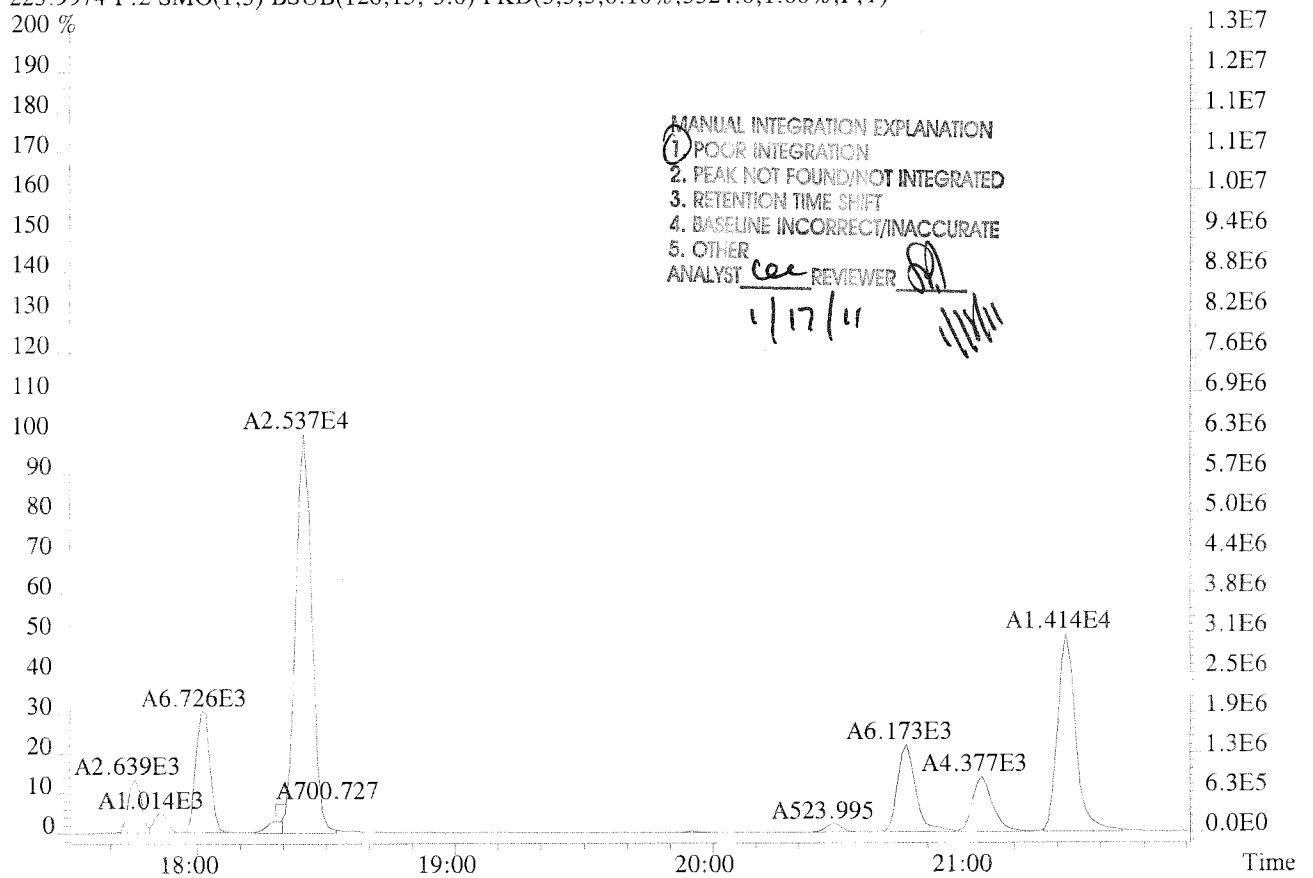
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



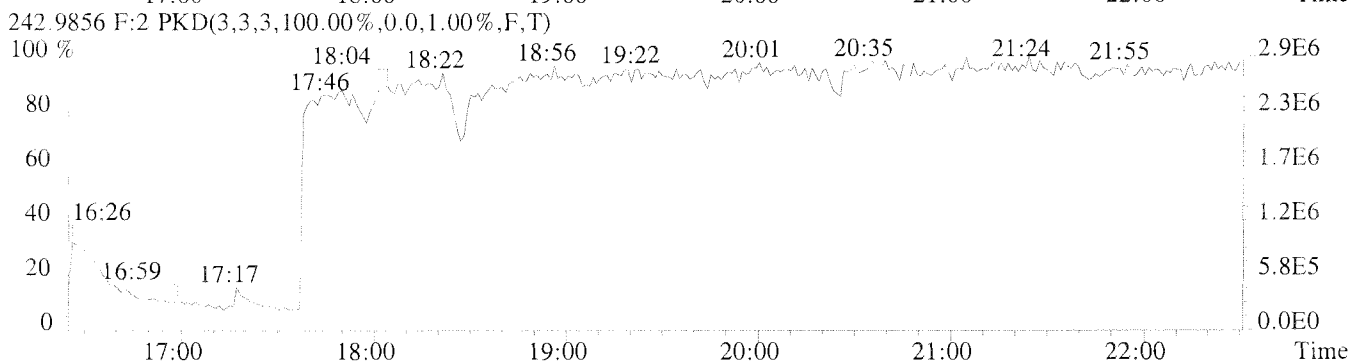
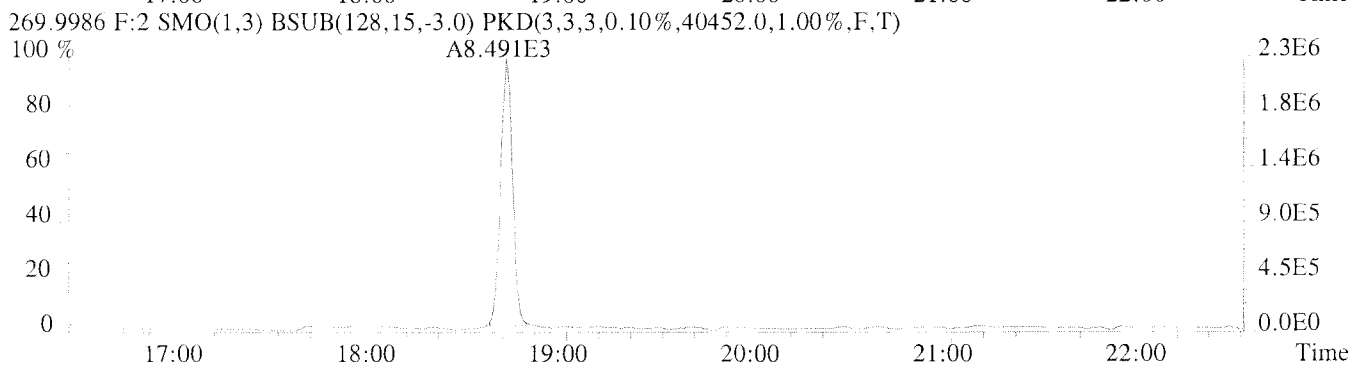
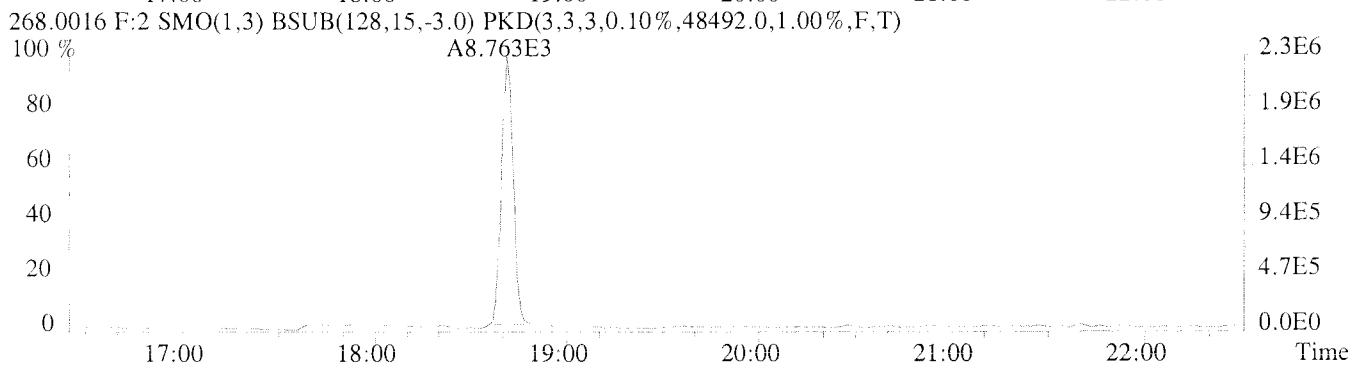
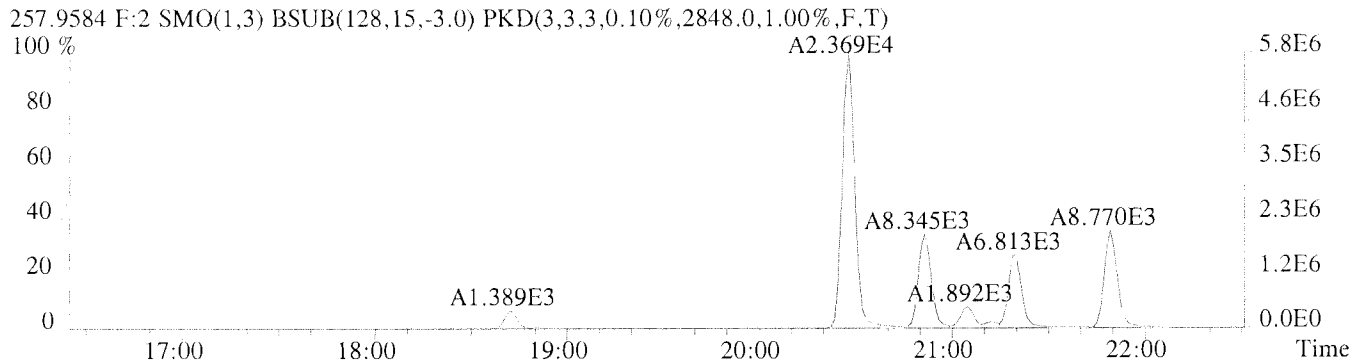
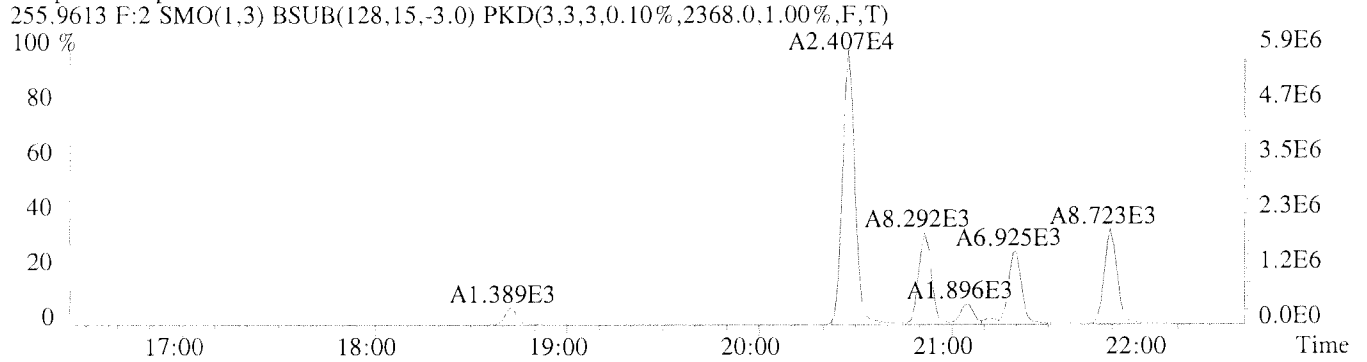
File:U224751 #1-337 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-002 USENN/S021
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,524.0,1.00%,F,T)
 200 %

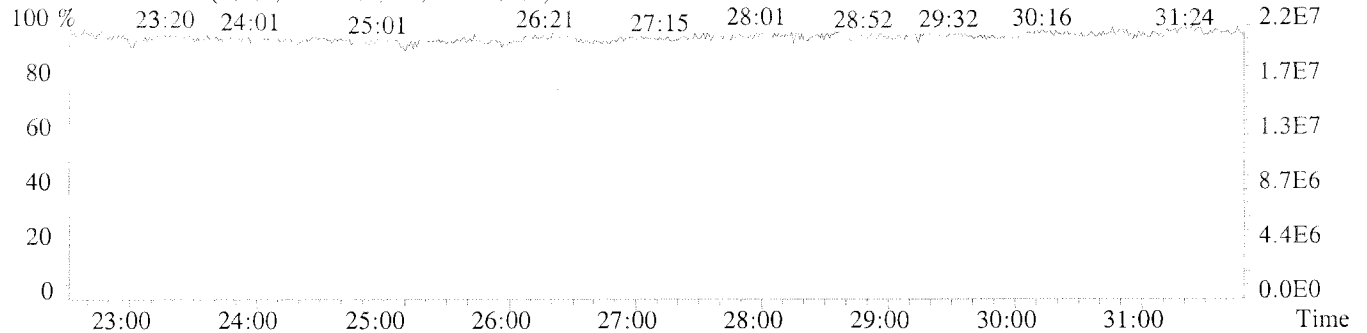
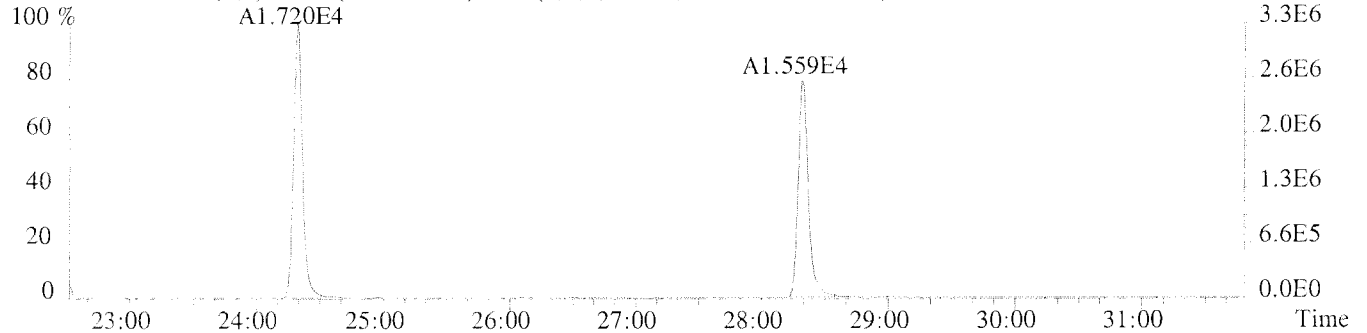
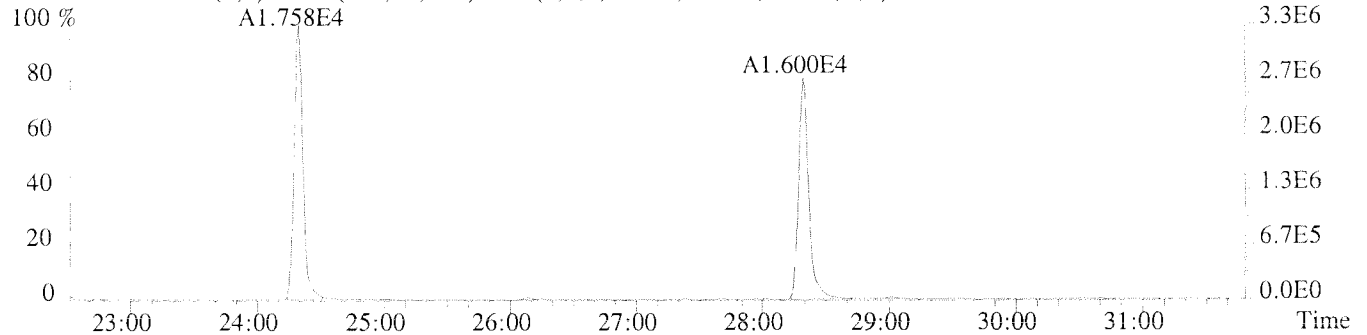
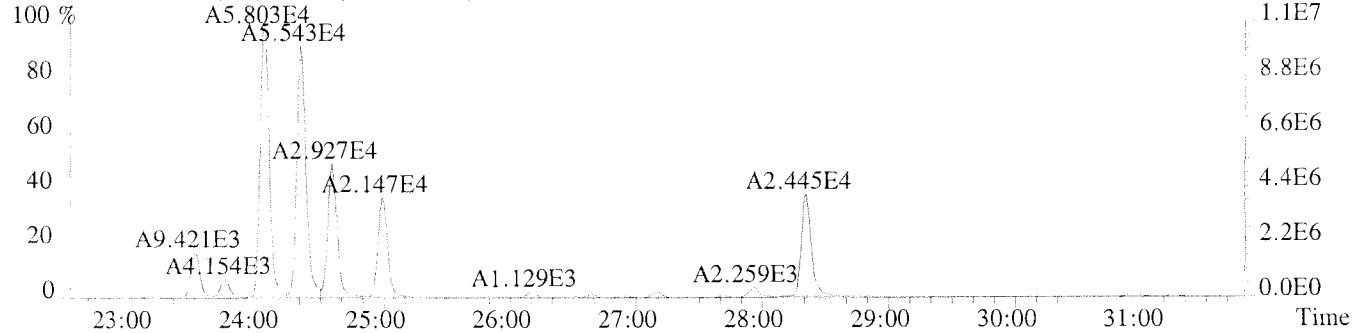
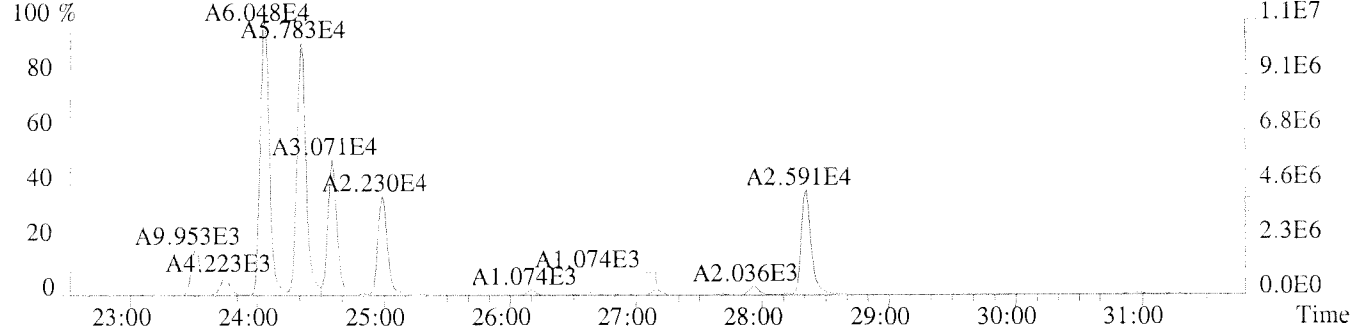


223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3324.0,1.00%,F,T)
 200 %



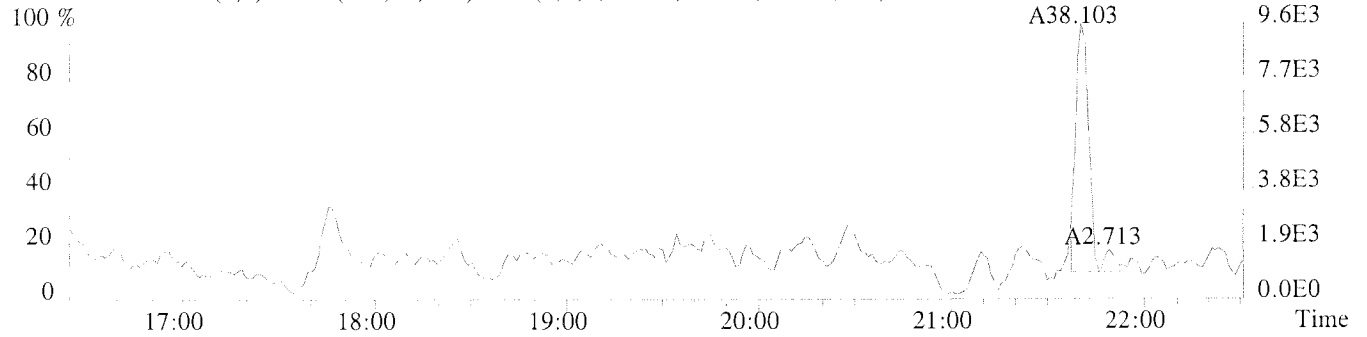
File:U224751 #1-337 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-002 USENN/S021



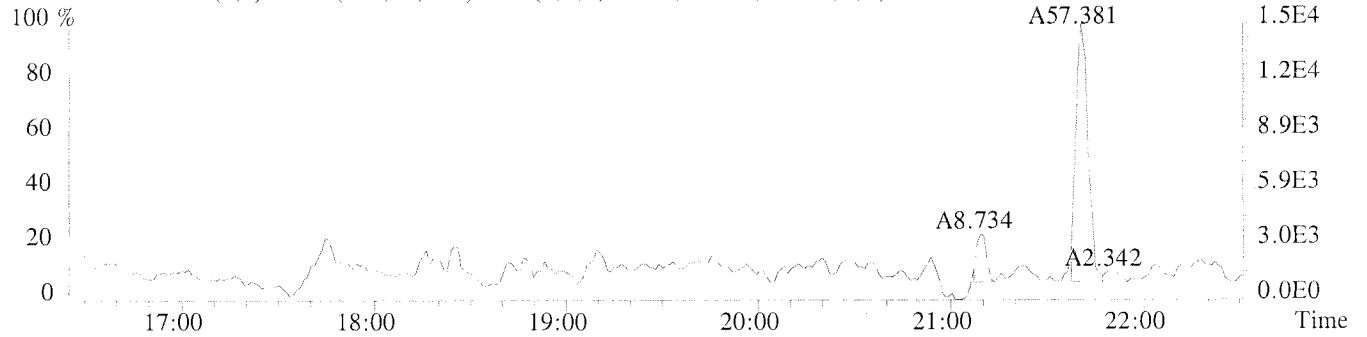


File:U224751 #1-337 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-002 USENN/S021

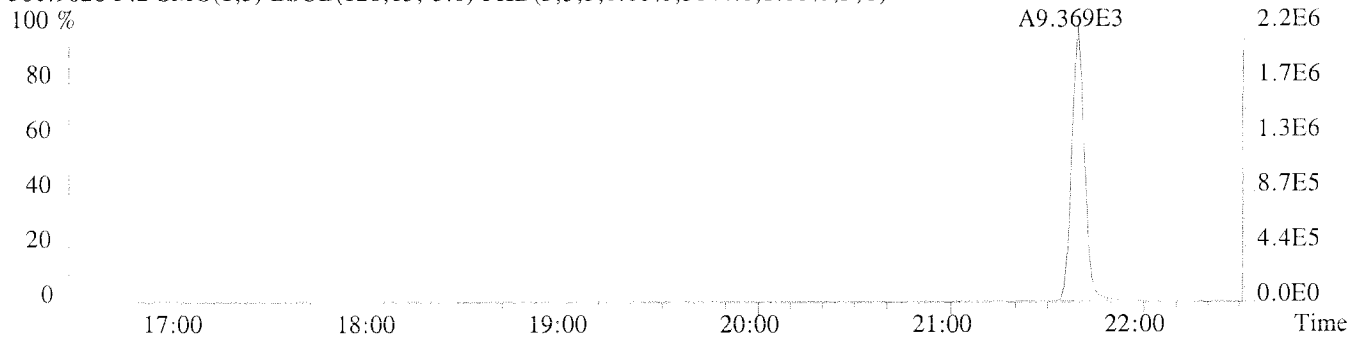
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1652.0,1.00%,F,T)



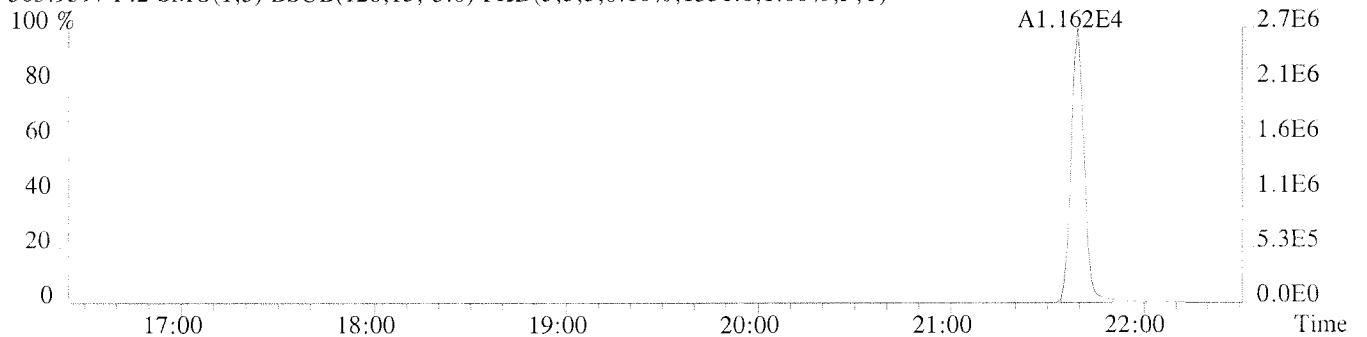
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1920.0,1.00%,F,T)



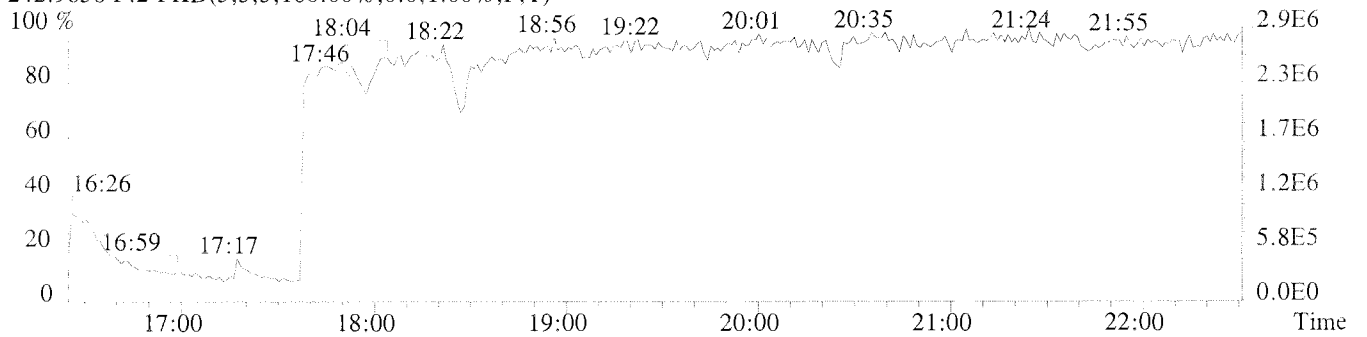
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3844.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1536.0,1.00%,F,T)



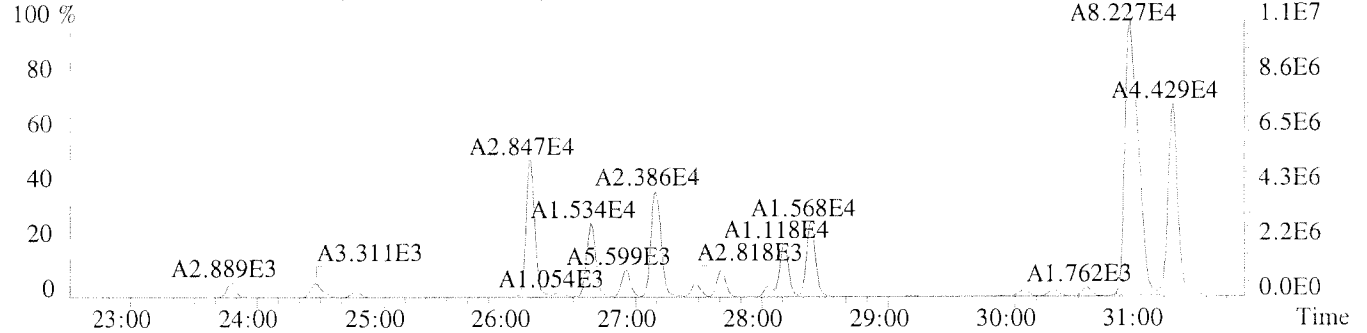
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



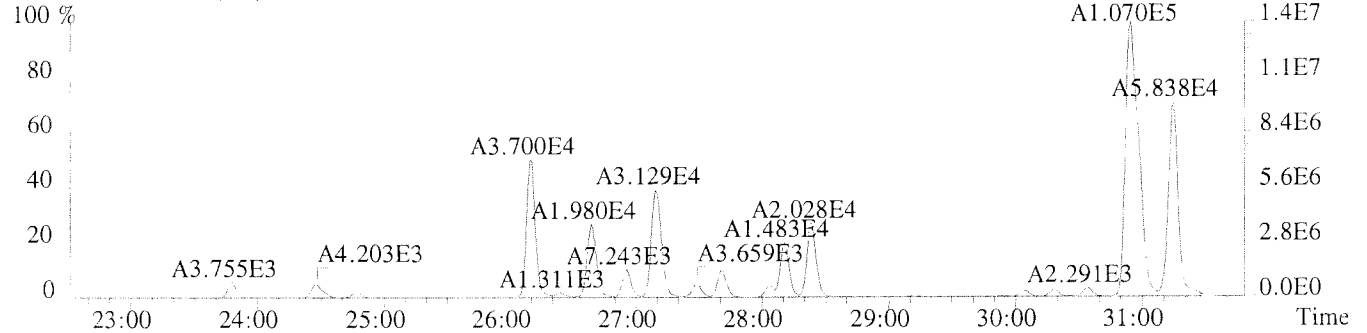
File:U224751 #1-594 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-002 USENN/S021

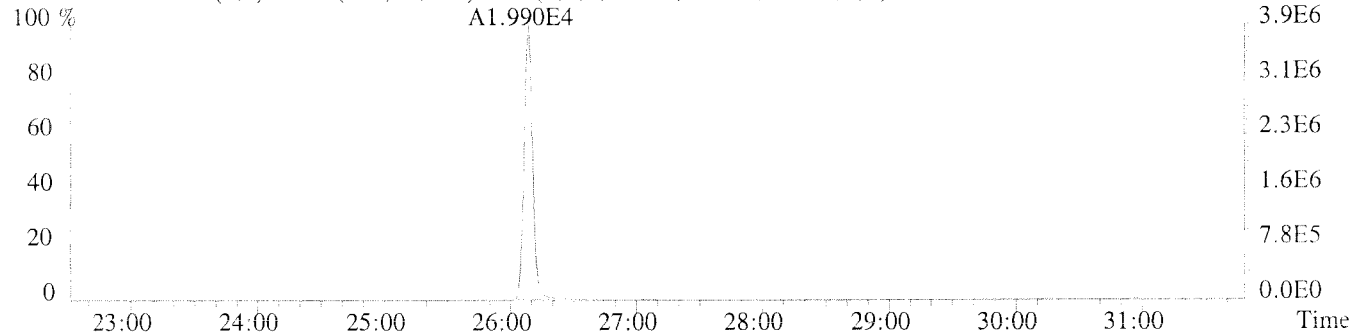
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1084.0,1.00%,F,T)



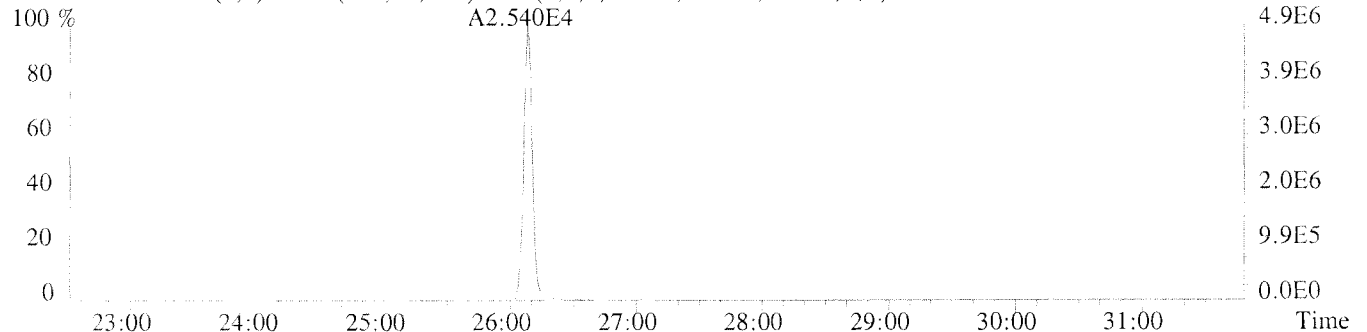
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,888.0,1.00%,F,T)



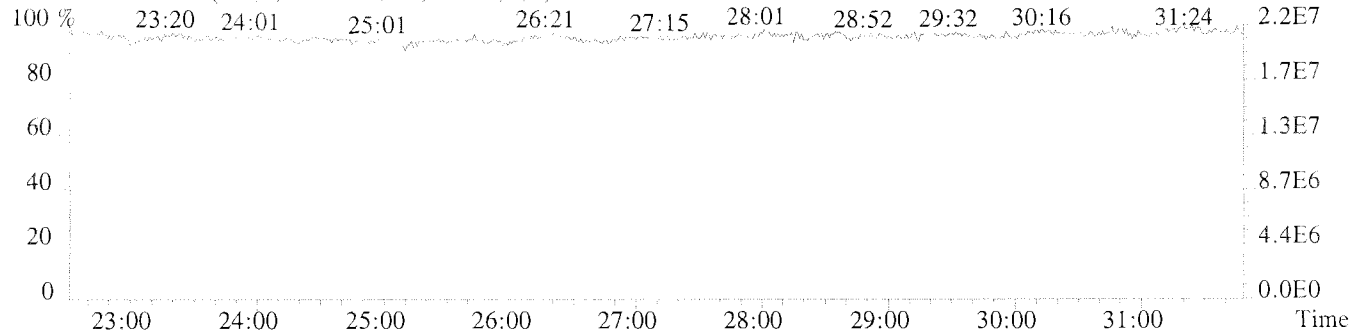
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1784.0,1.00%,F,T)



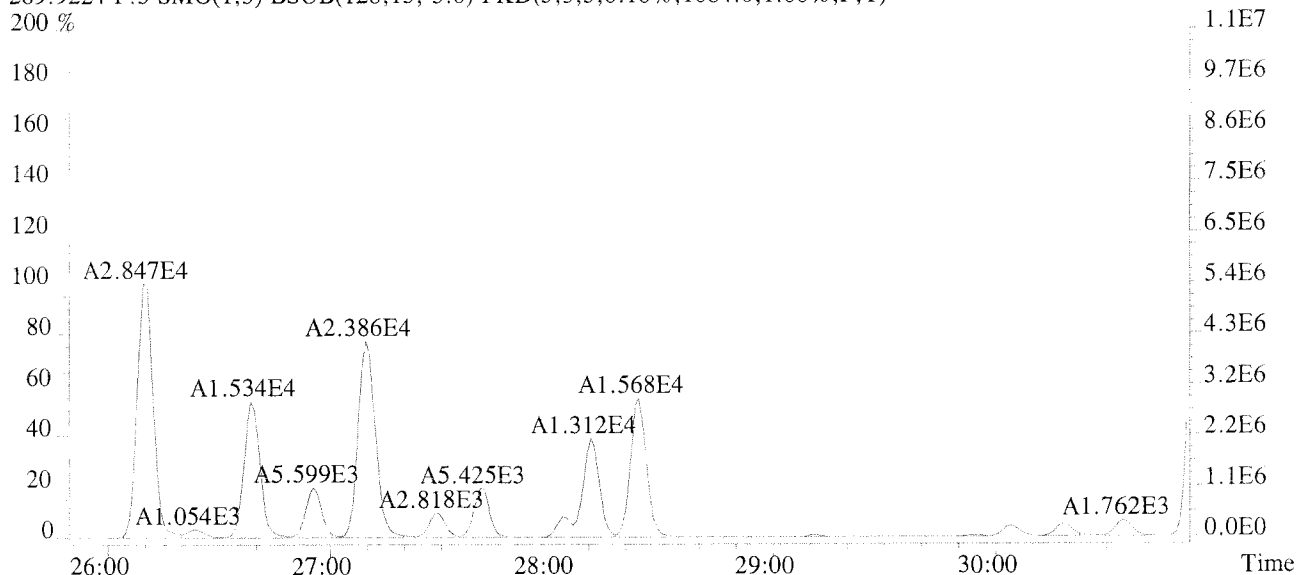
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1360.0,1.00%,F,T)



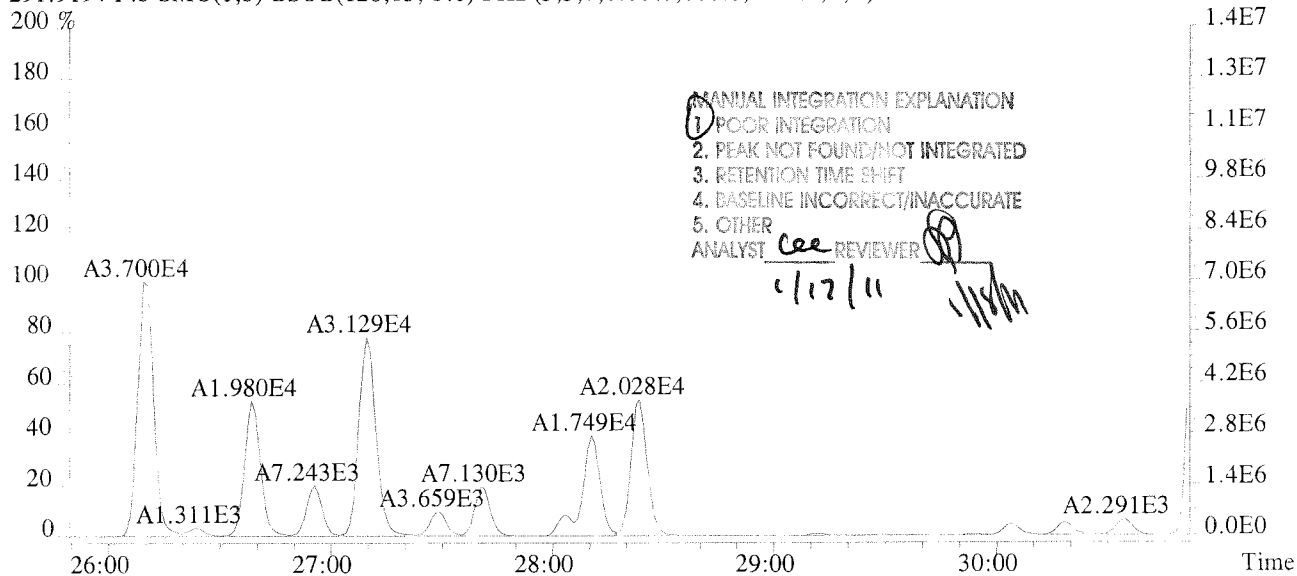
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



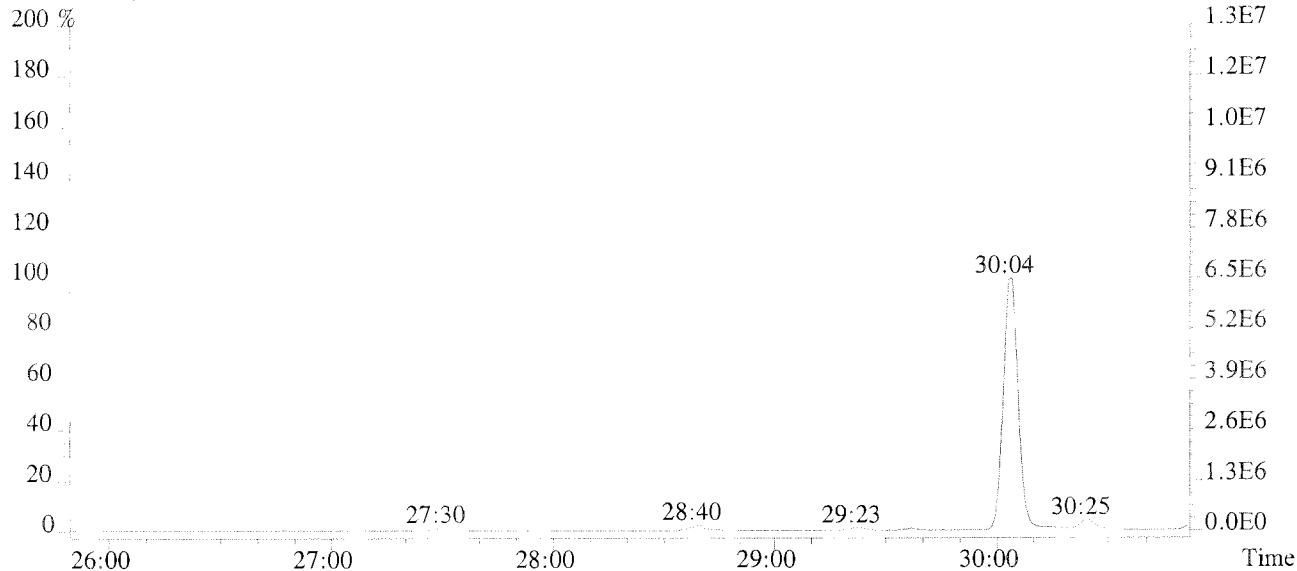
File:U224751 #1-594 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-002 USENN/S021
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1084.0,1.00%,F,T)
 200 %



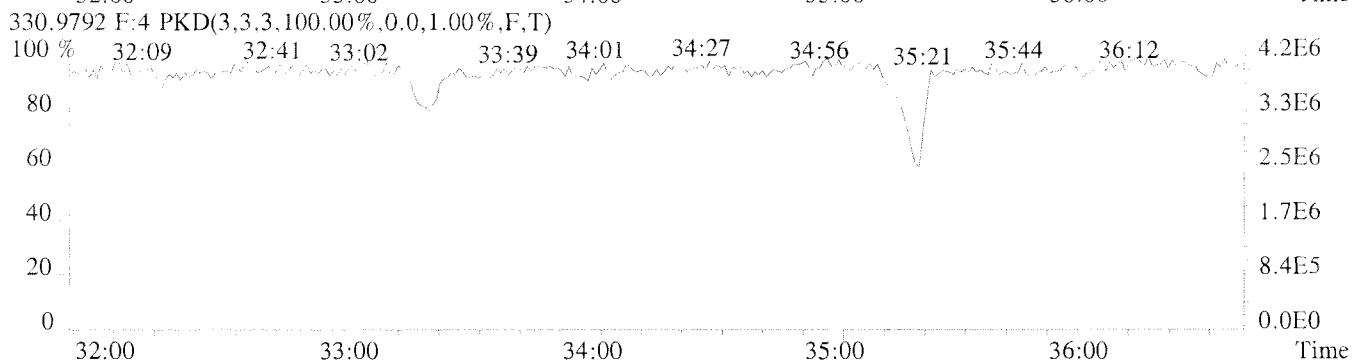
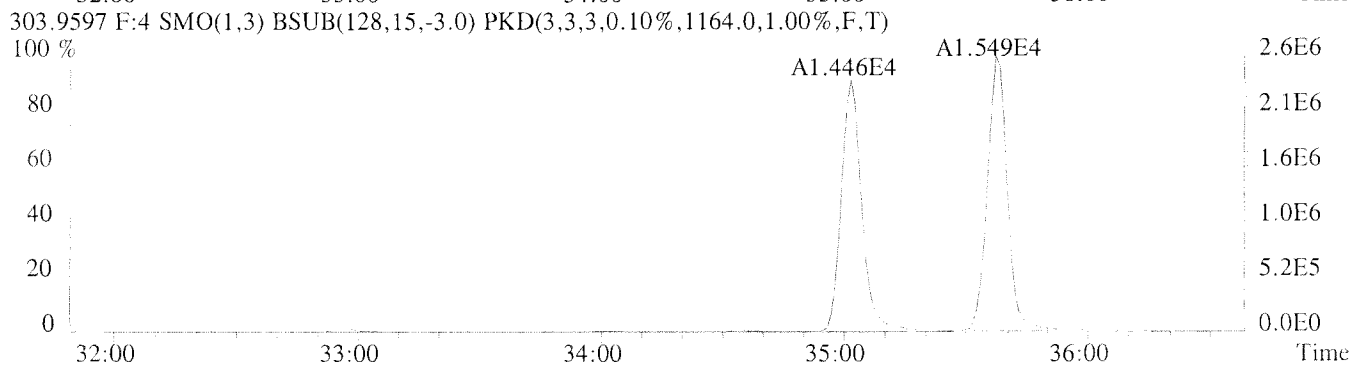
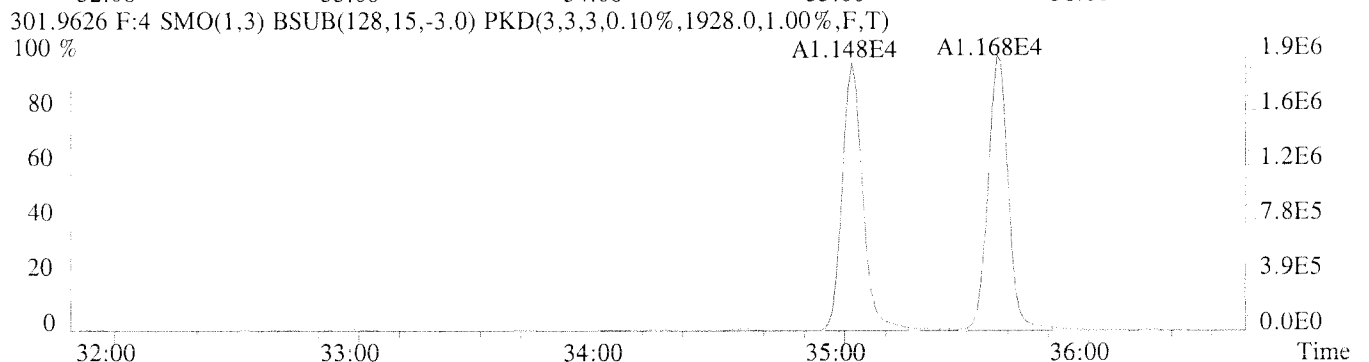
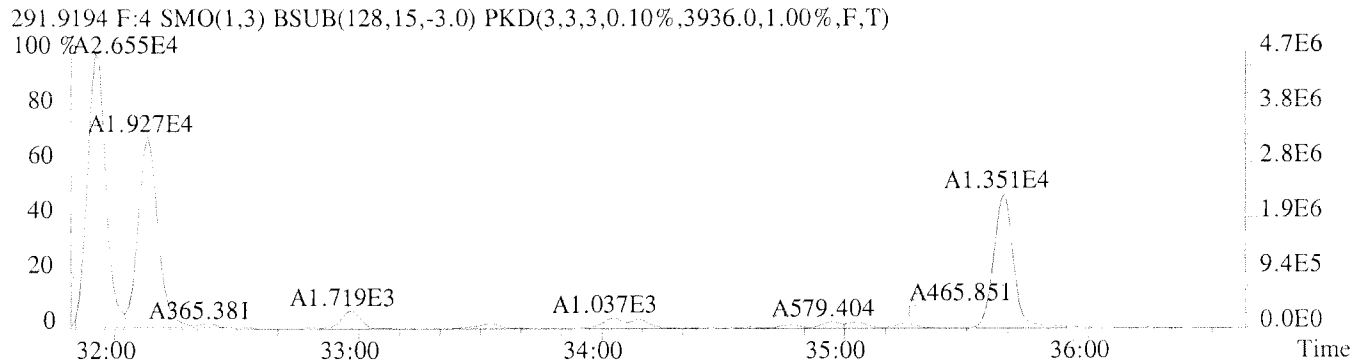
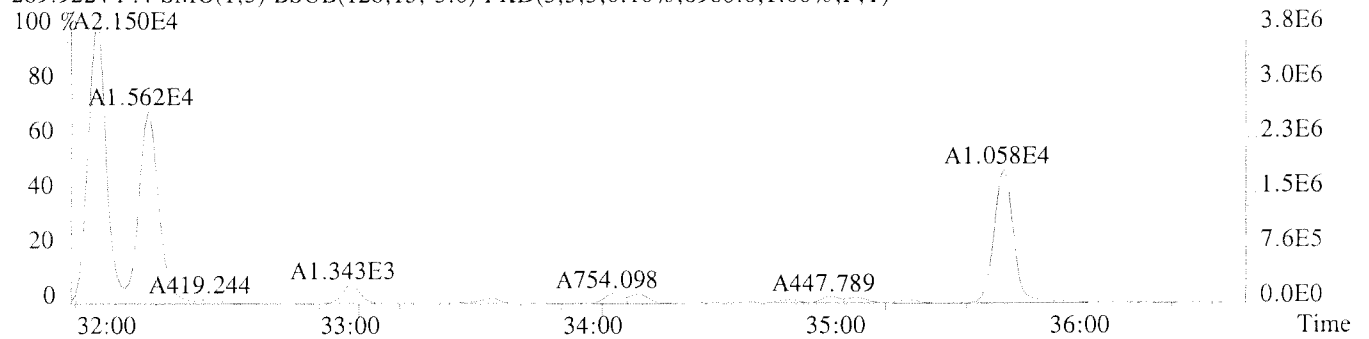
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,888.0,1.00%,F,T)
 200 %



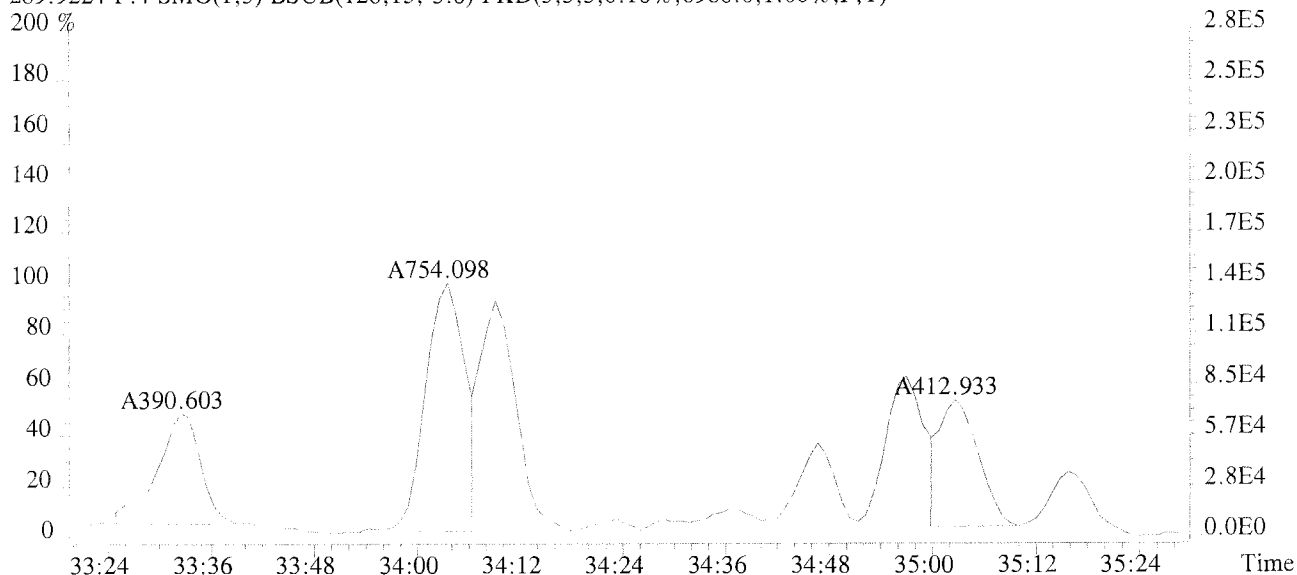
325.8804 F:3
 200 %



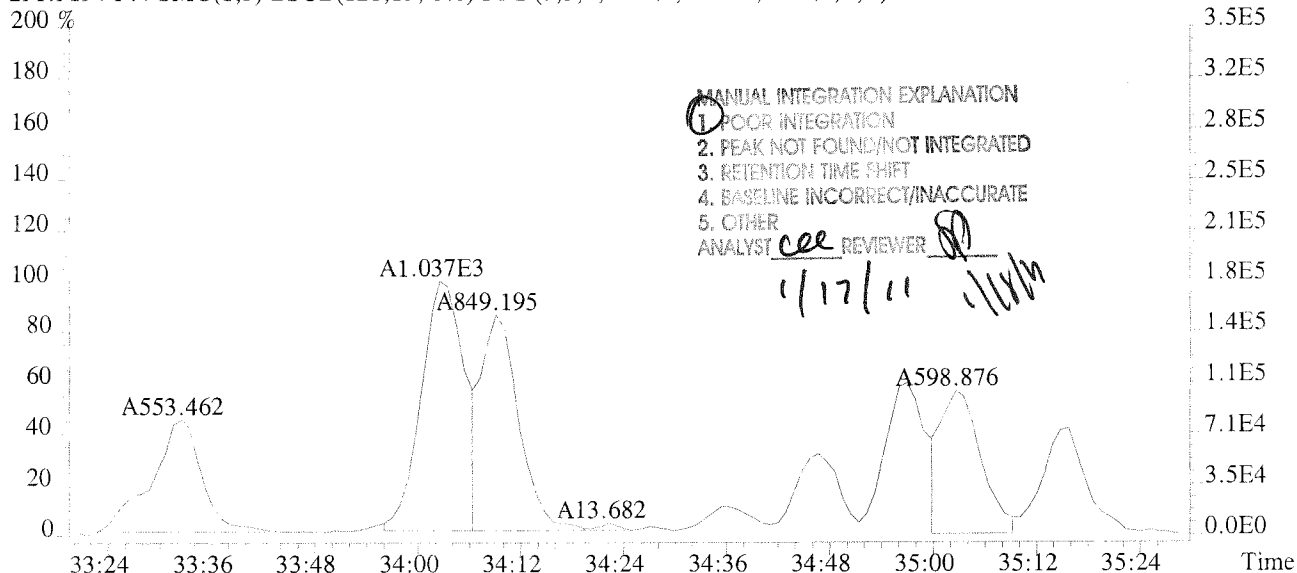
File:U224751 #1-309 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-002 USENN/S021
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6980.0,1.00%,F,T)
 100 %A2.150E4



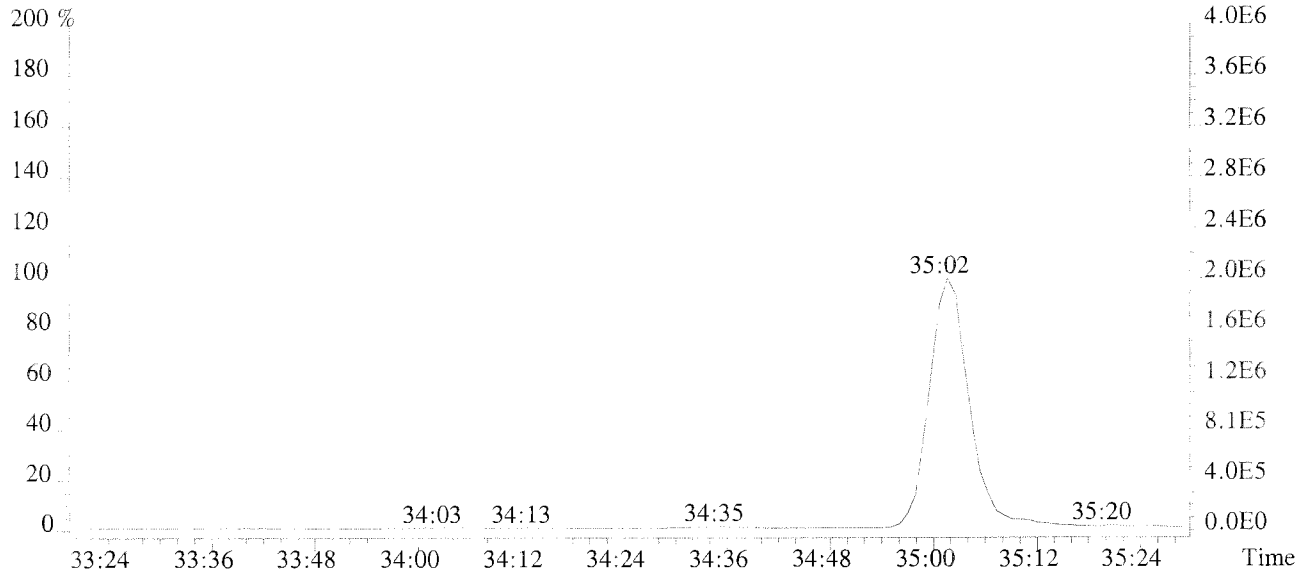
File:U224751 #1-309 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-002 USENN/S021
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6980.0,1.00%,F,T)



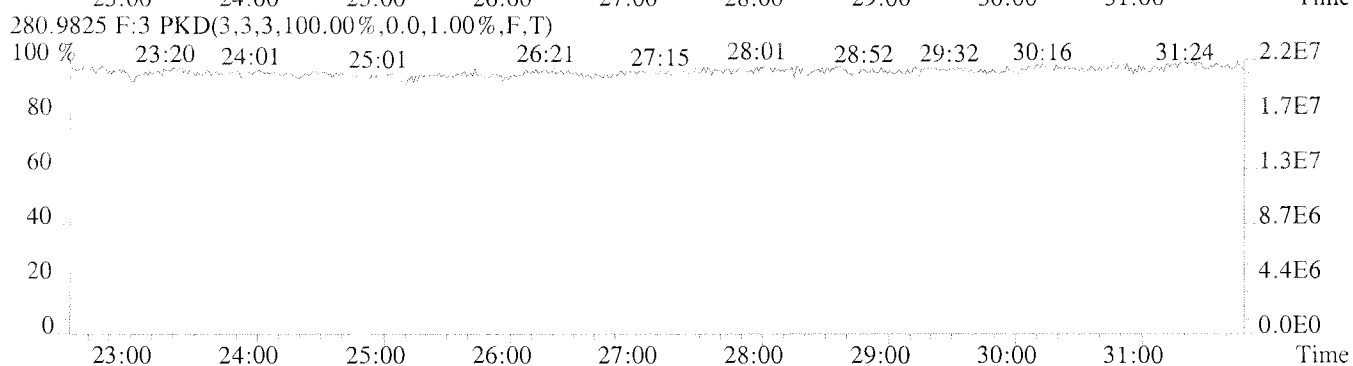
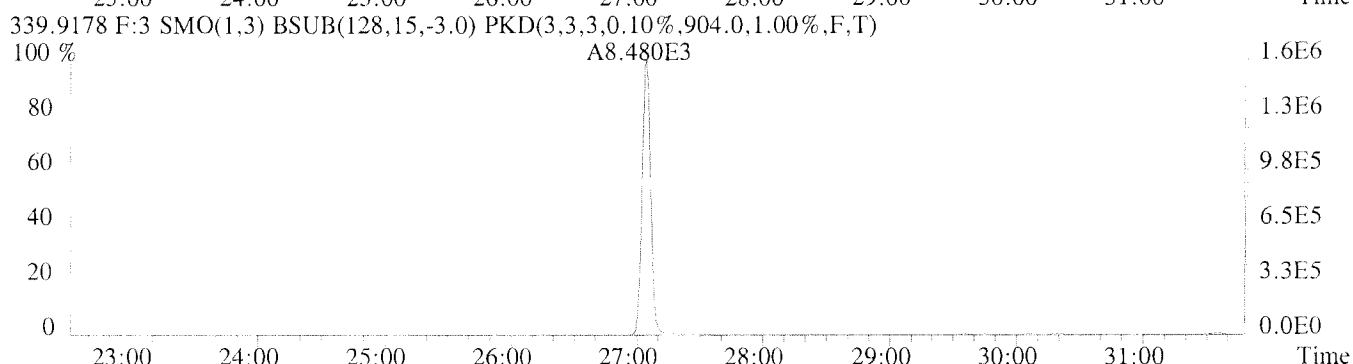
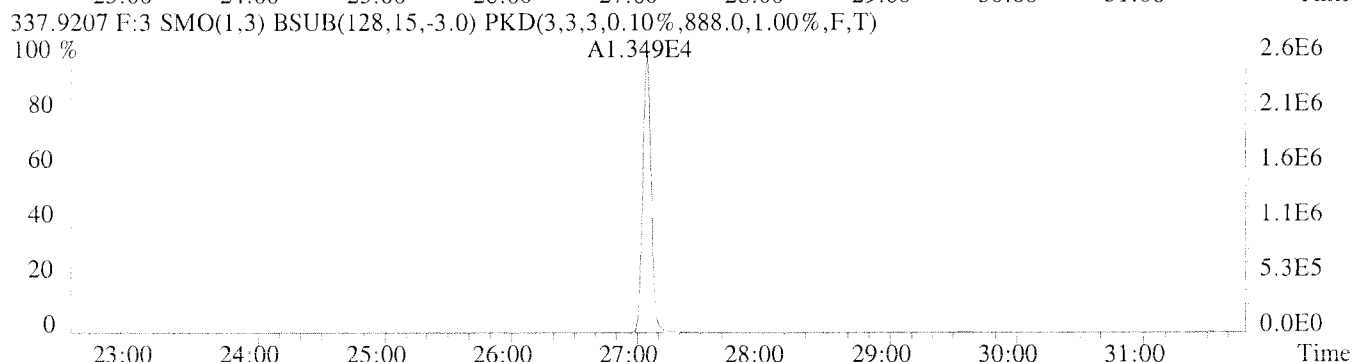
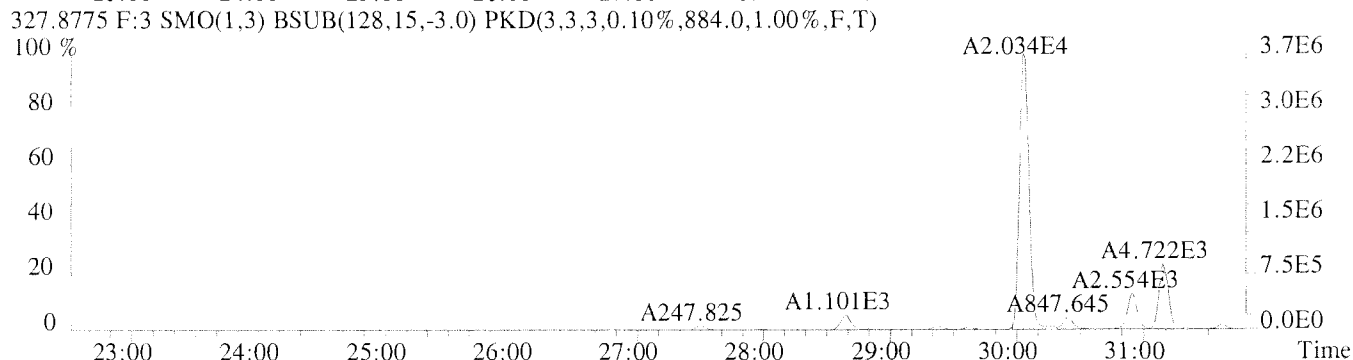
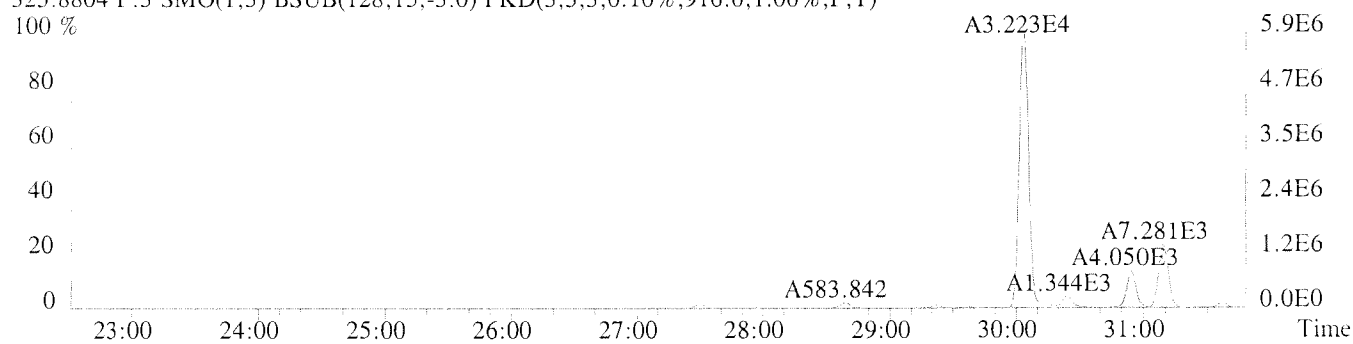
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3936.0,1.00%,F,T)



301.9626 F:4

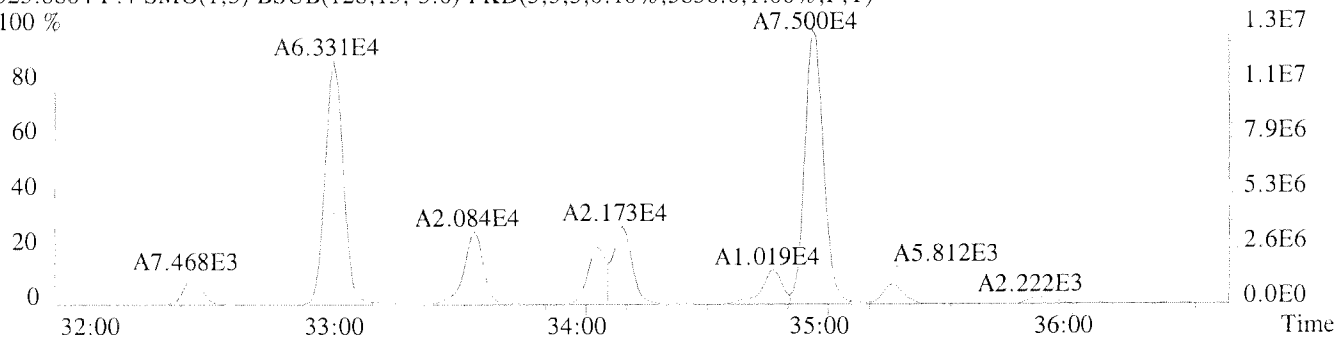


File:U224751 #1-594 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-002 USENN/S021
 325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,916.0,1.00%,F,T)
 100 %

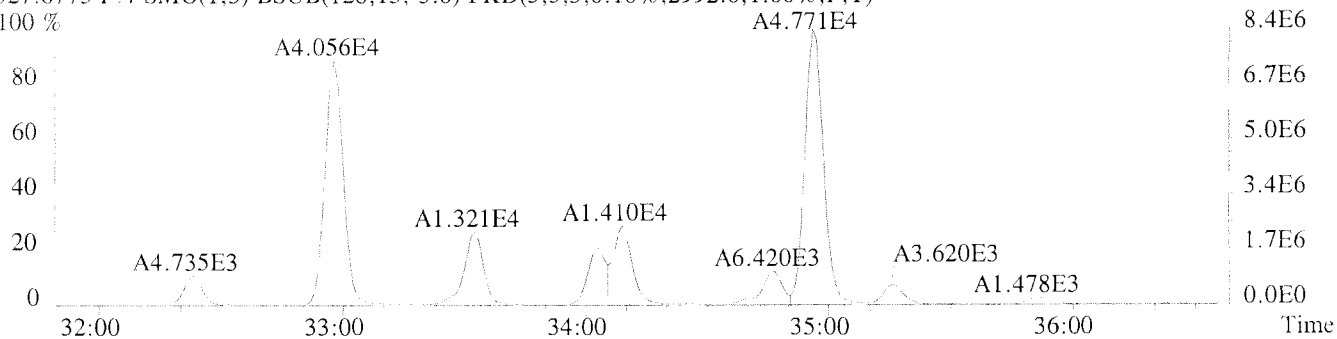


File:U224751 #1-309 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-002 USENN/S021

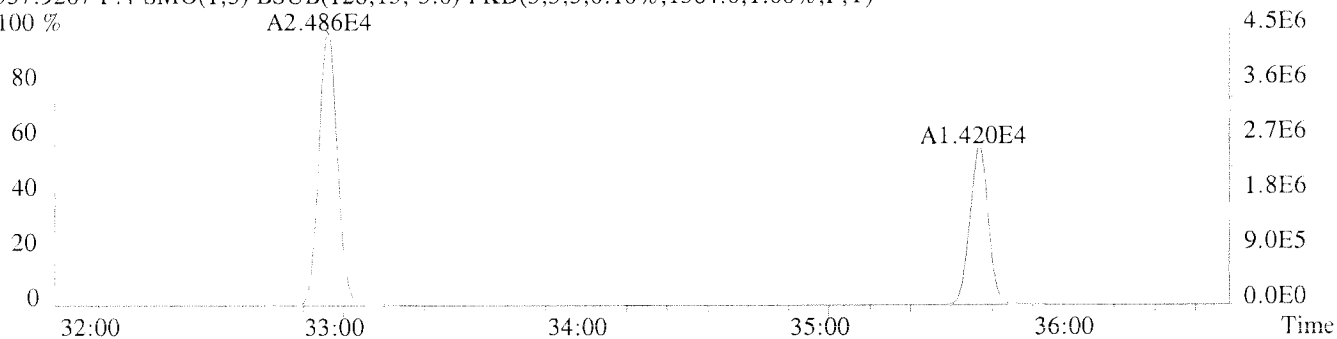
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5836.0,1.00%,F,T)
100 %



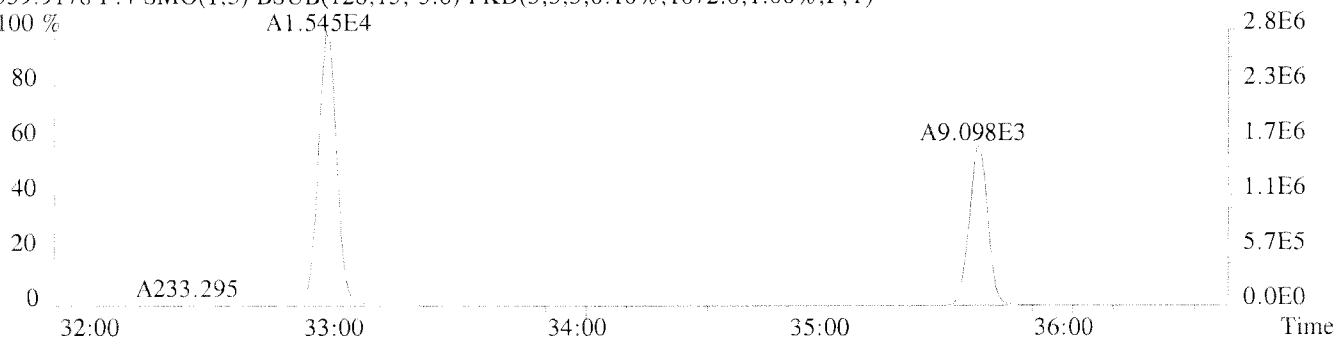
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2992.0,1.00%,F,T)
100 %



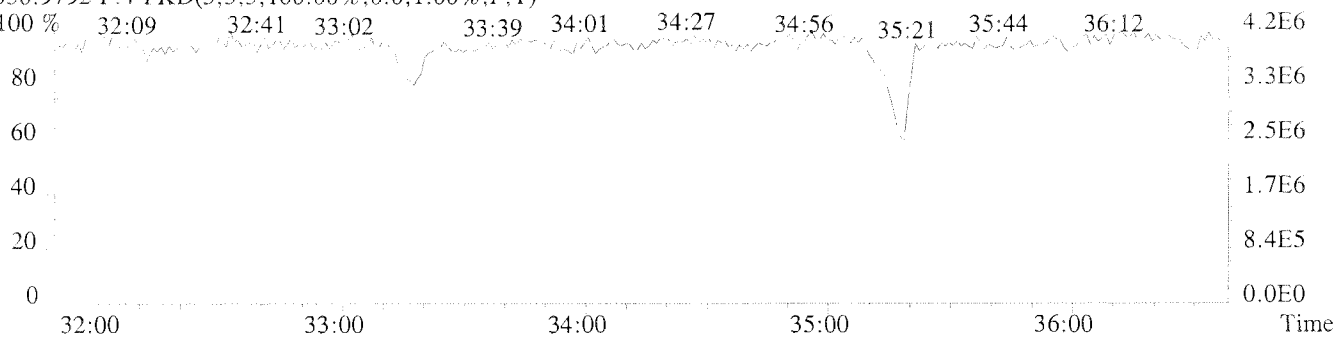
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1364.0,1.00%,F,T)
100 %



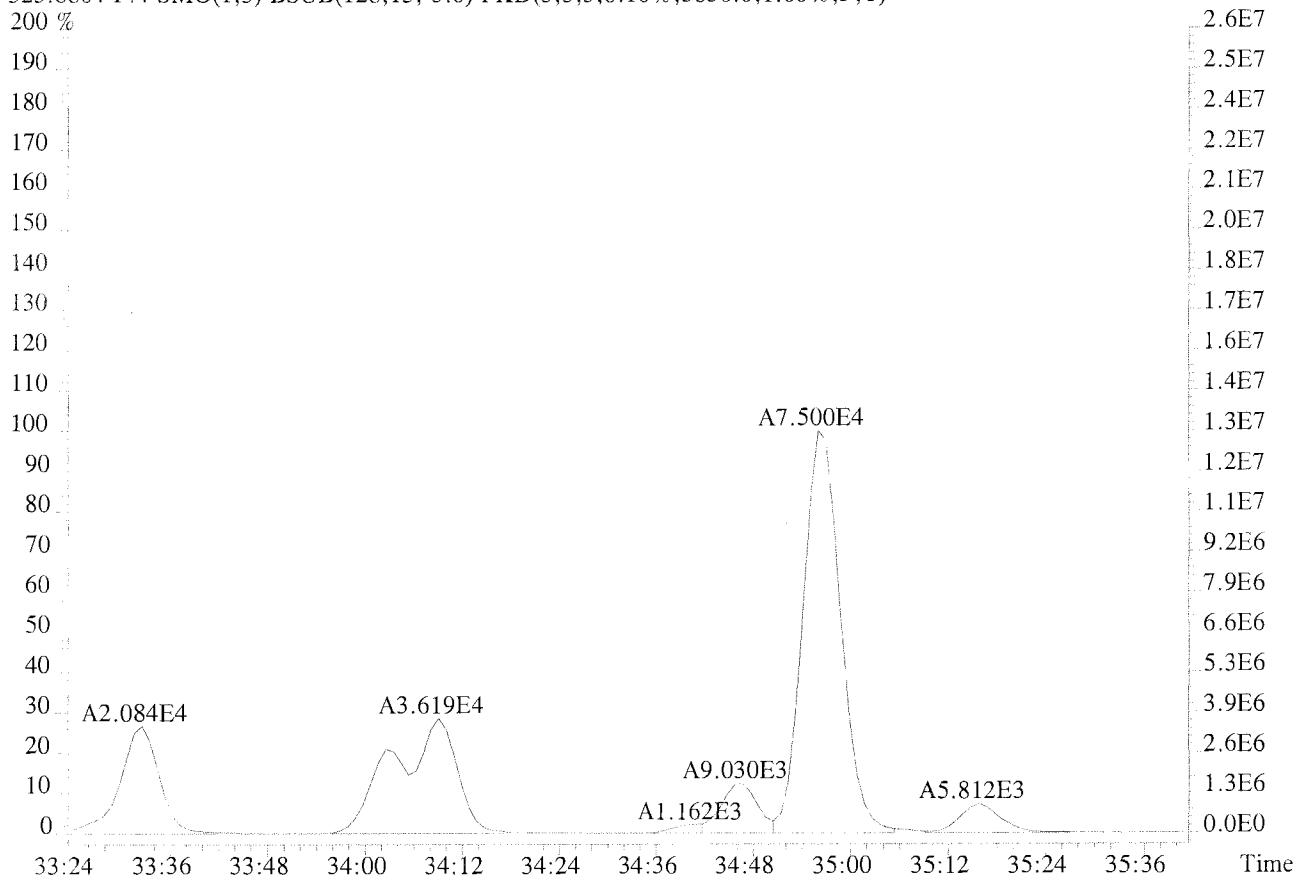
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1072.0,1.00%,F,T)
100 %



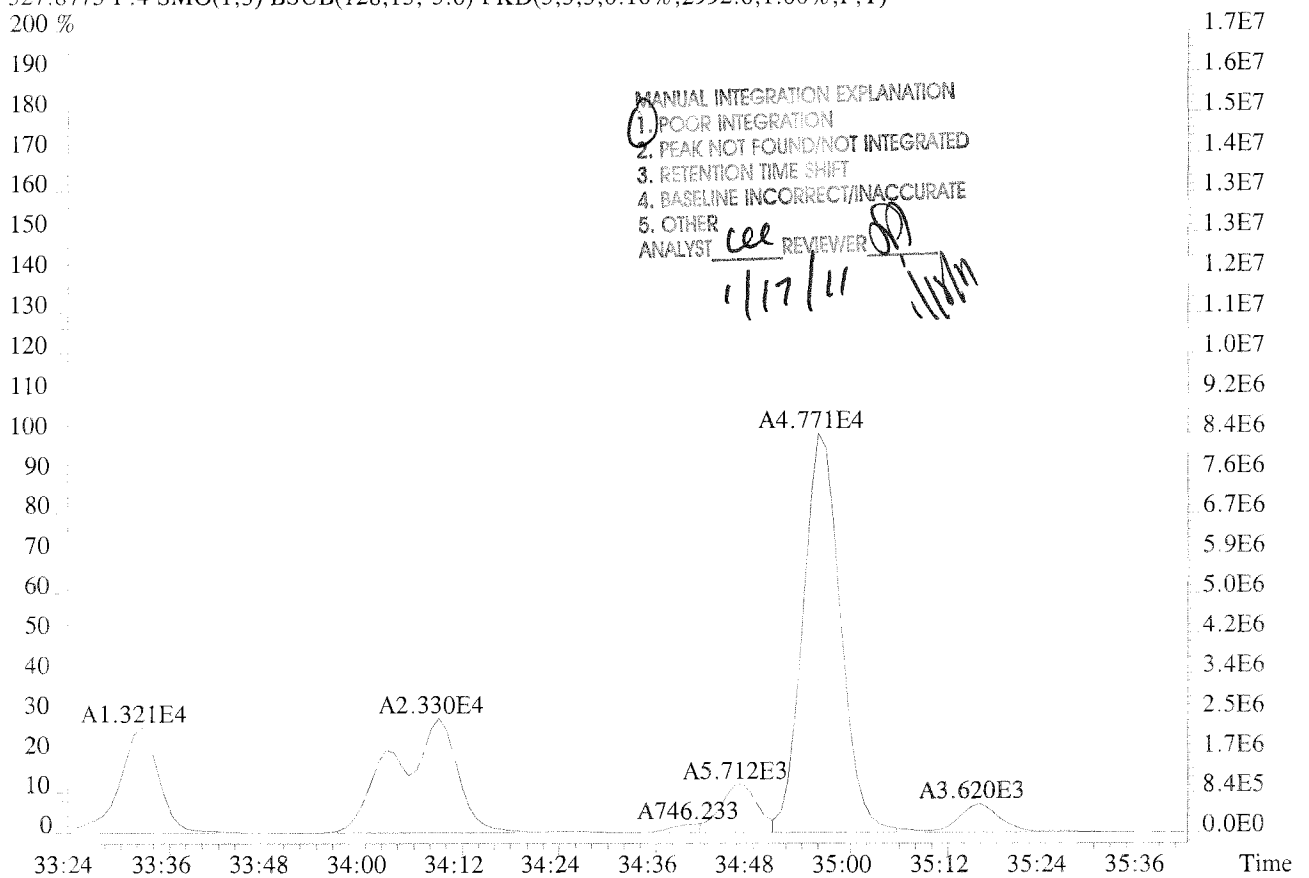
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



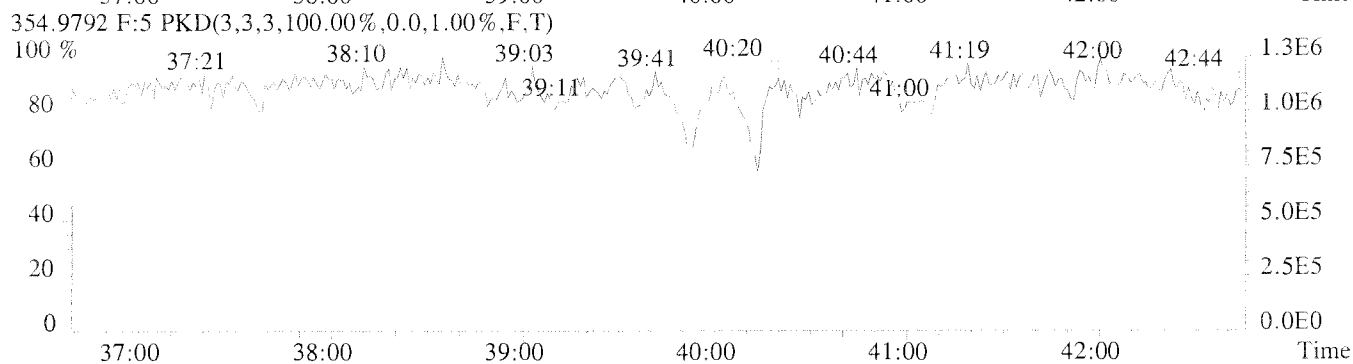
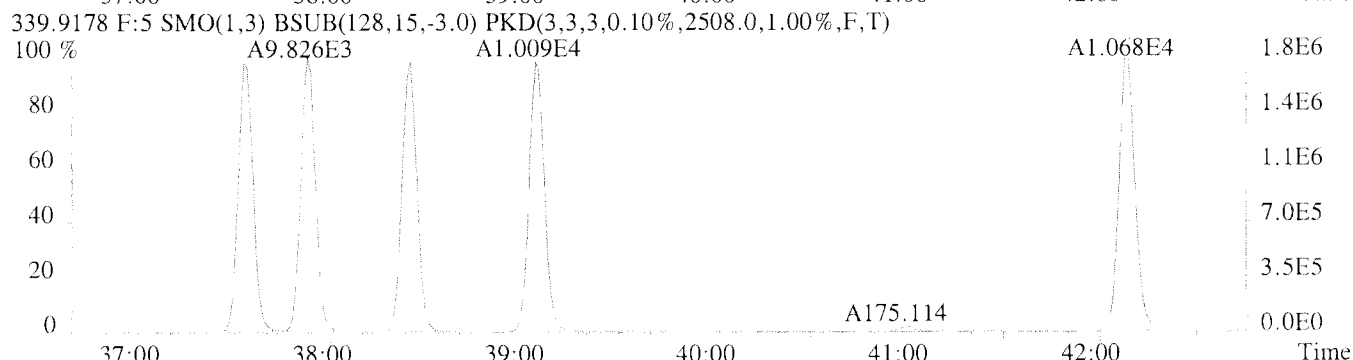
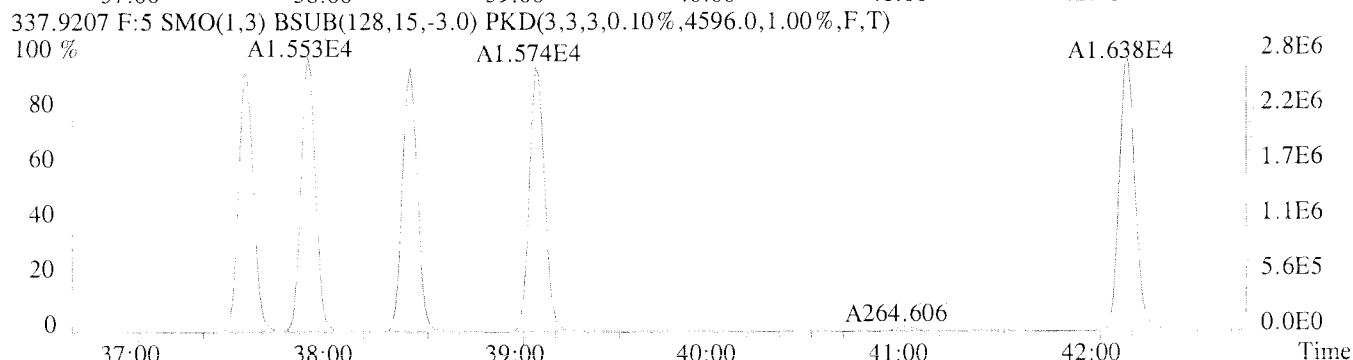
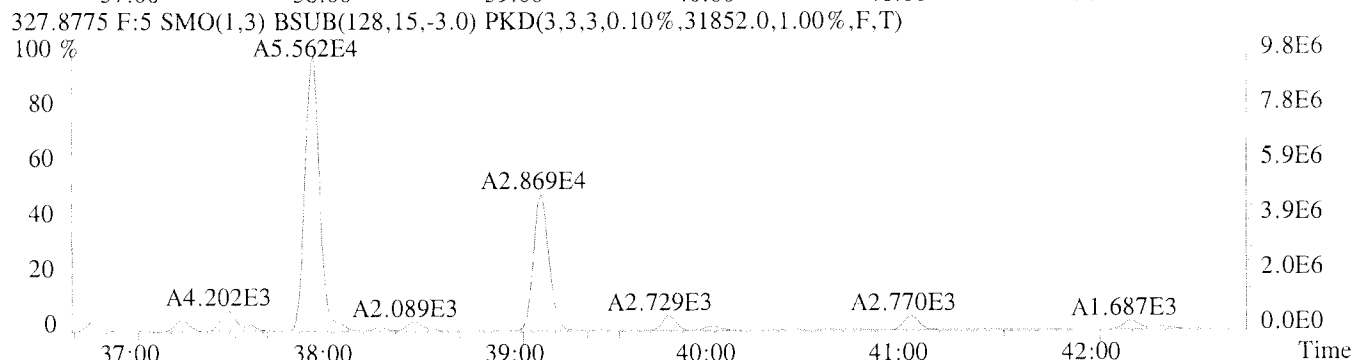
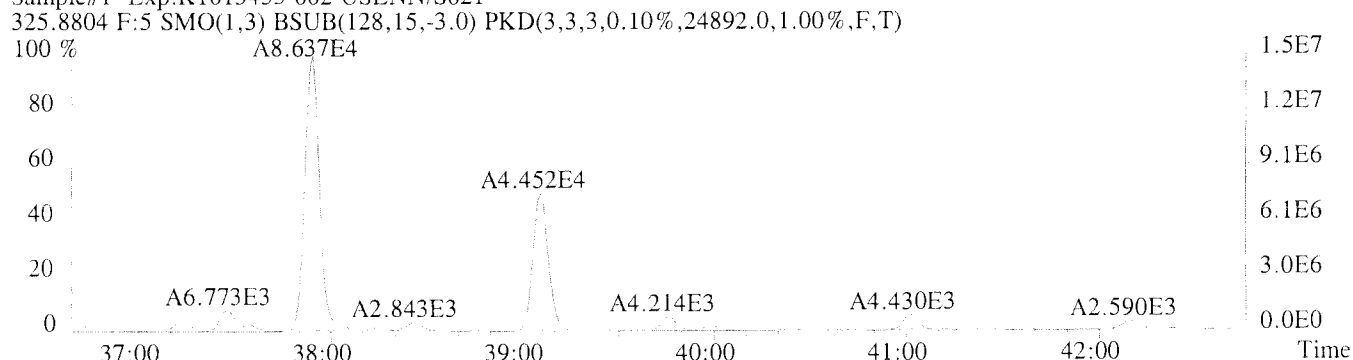
File:U224751 #1-309 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-002 USENN/S021
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5836.0,1.00%,F,T)
 200 %

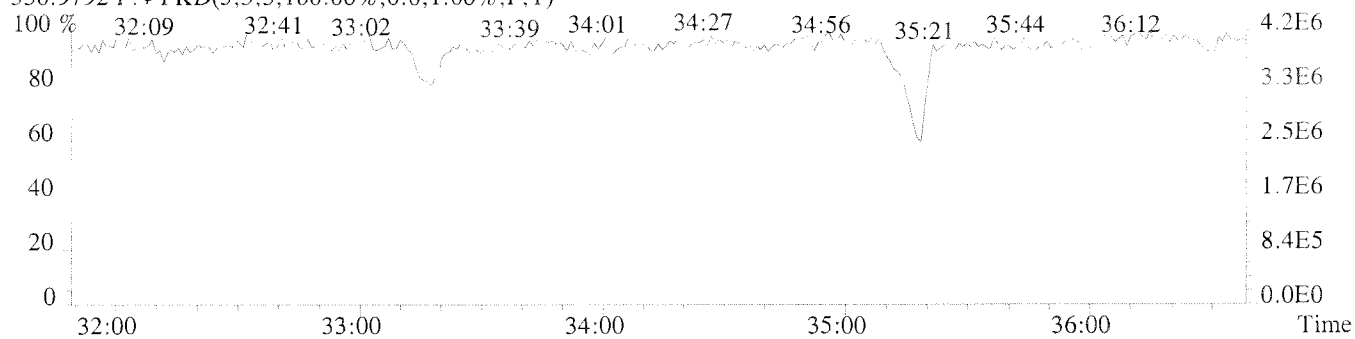
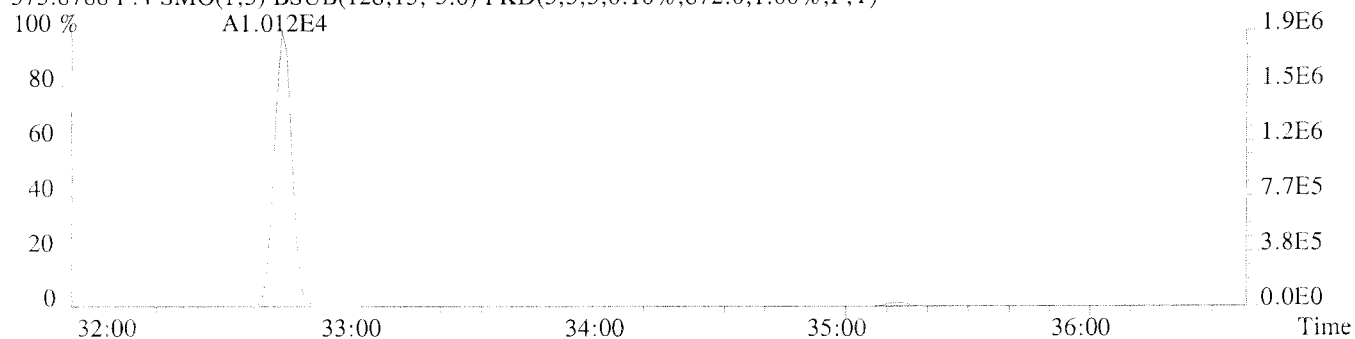
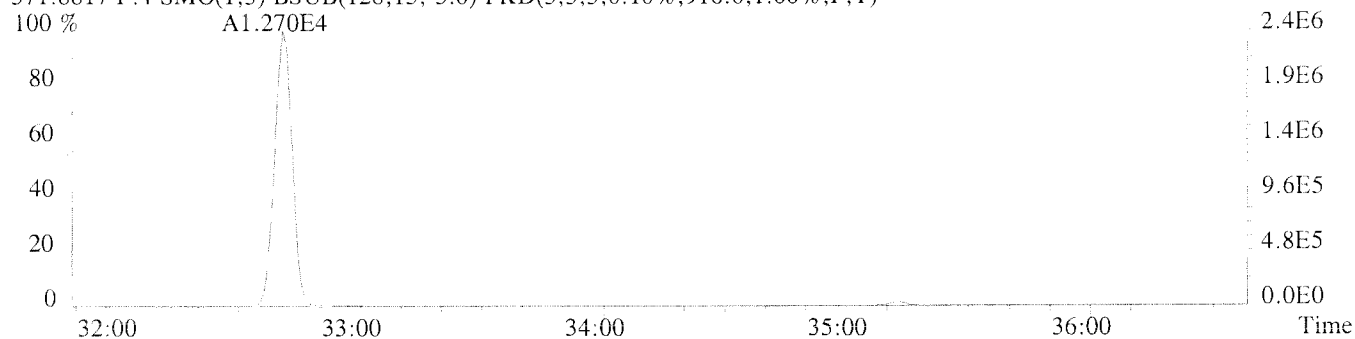
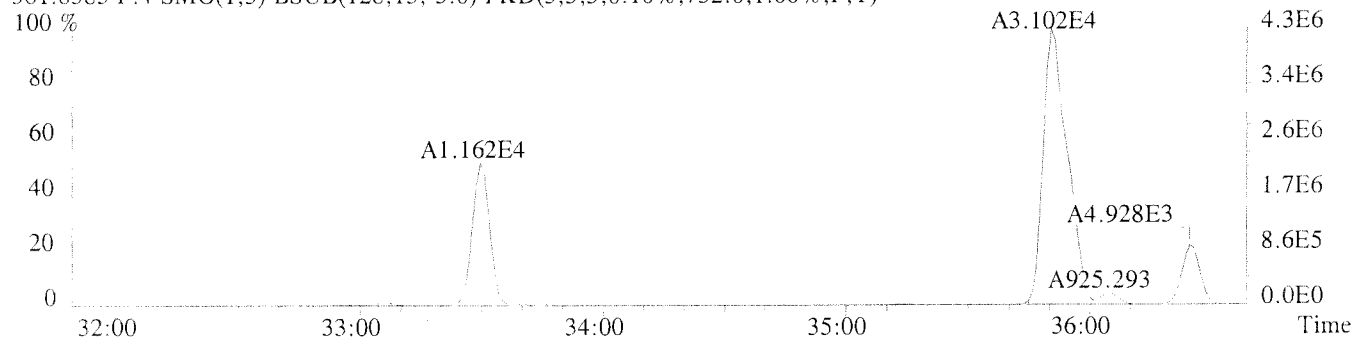
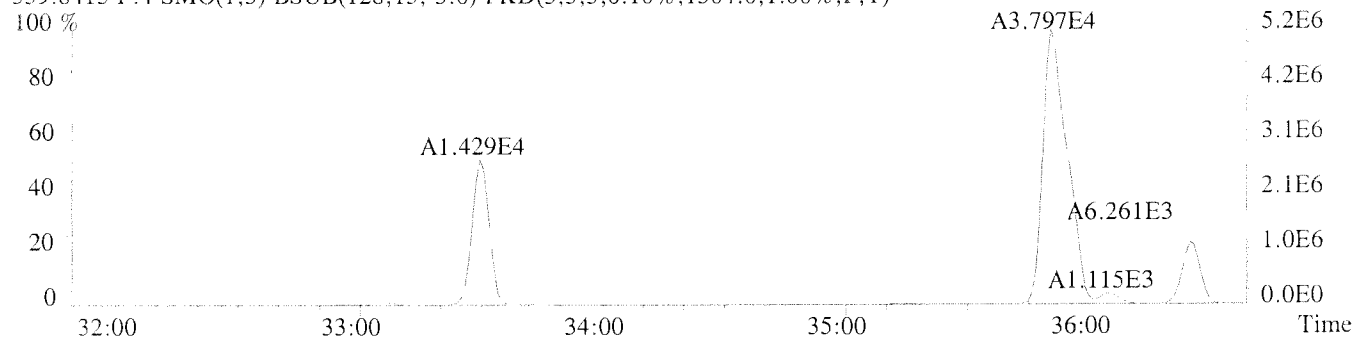


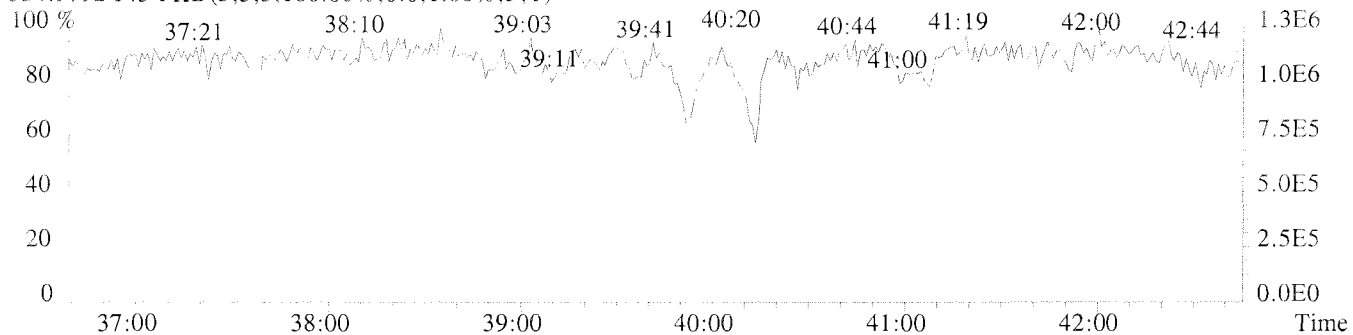
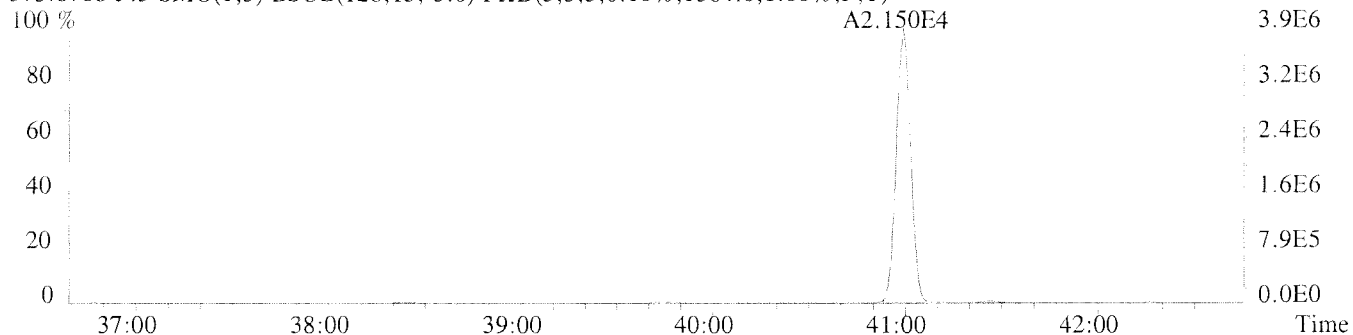
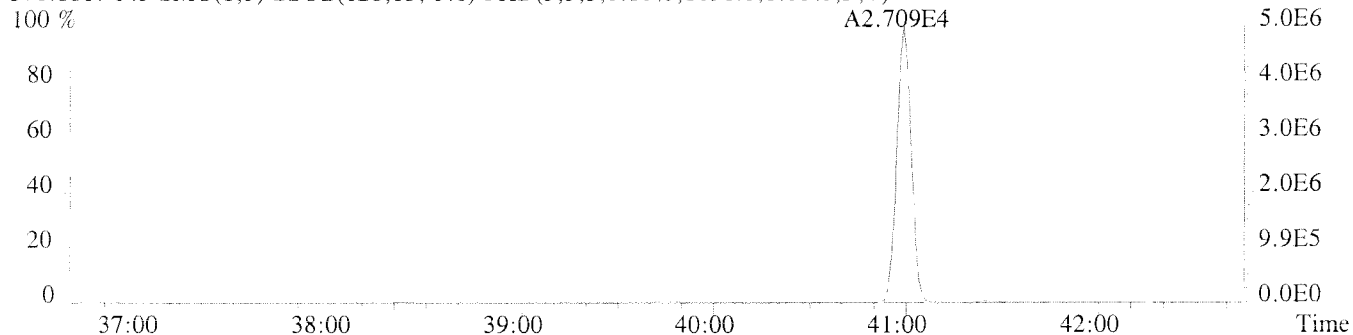
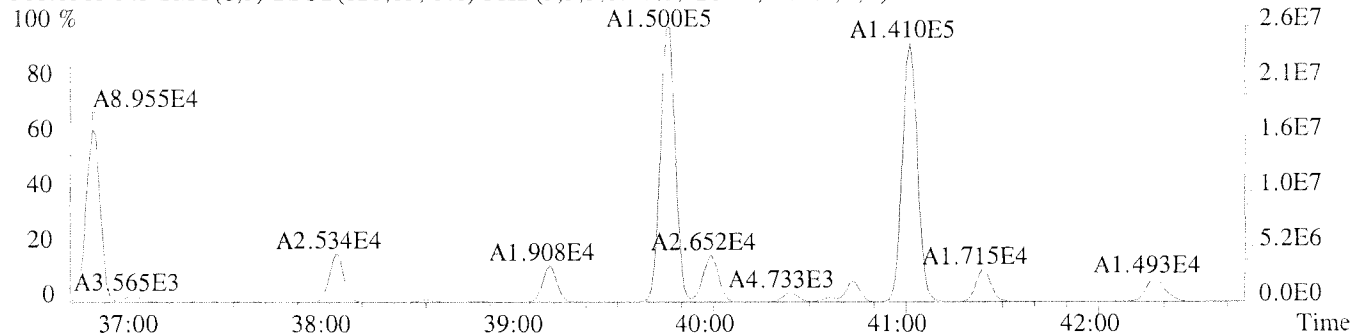
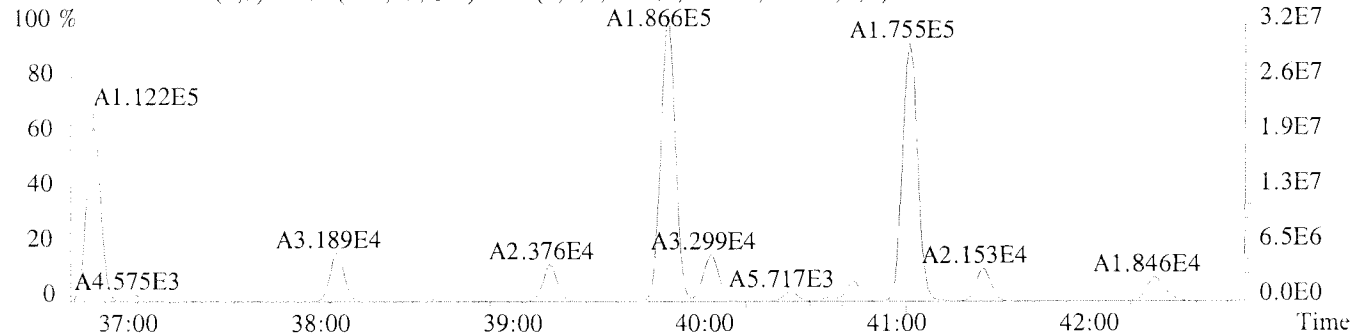
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2992.0,1.00%,F,T)
 200 %



File:U224751 #1-391 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-002 USENN/S021



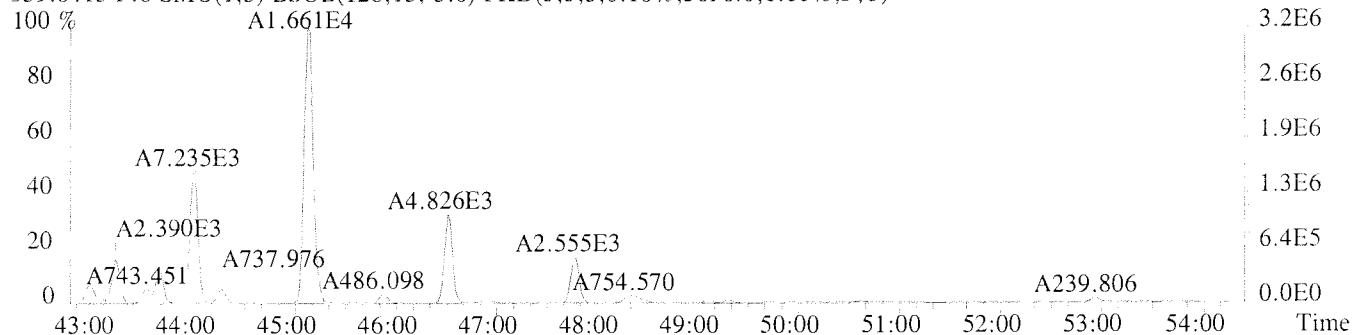




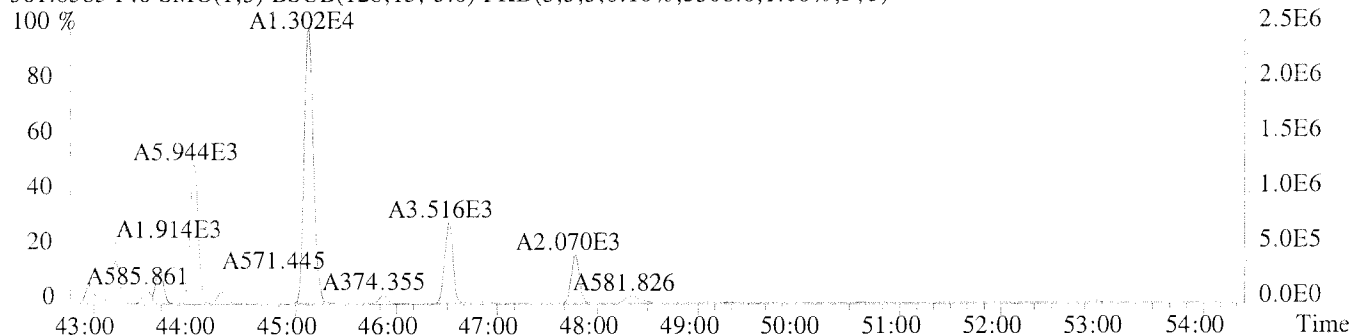
File:U224751 #1-577 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-002 USENN/S021

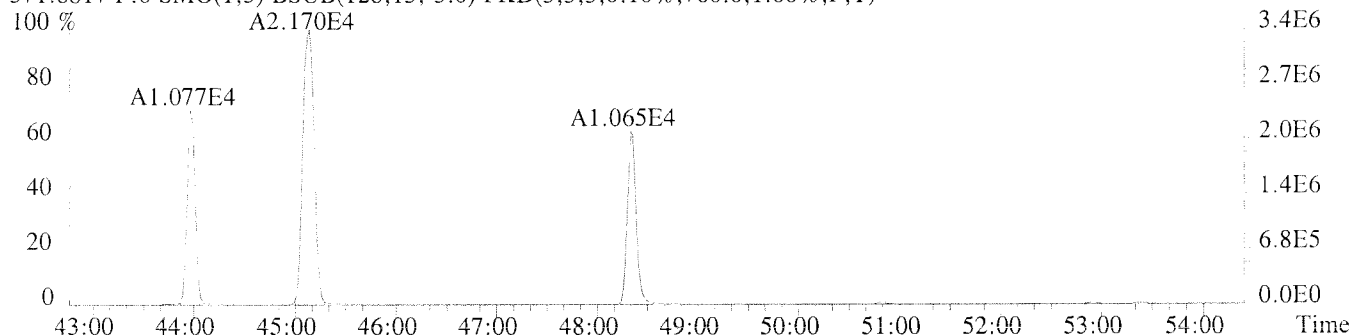
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5696.0,1.00%,F,T)



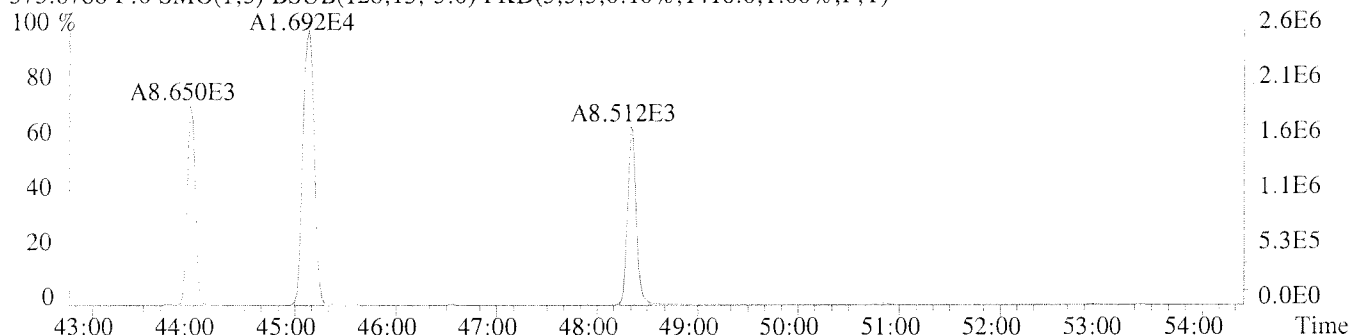
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5308.0,1.00%,F,T)



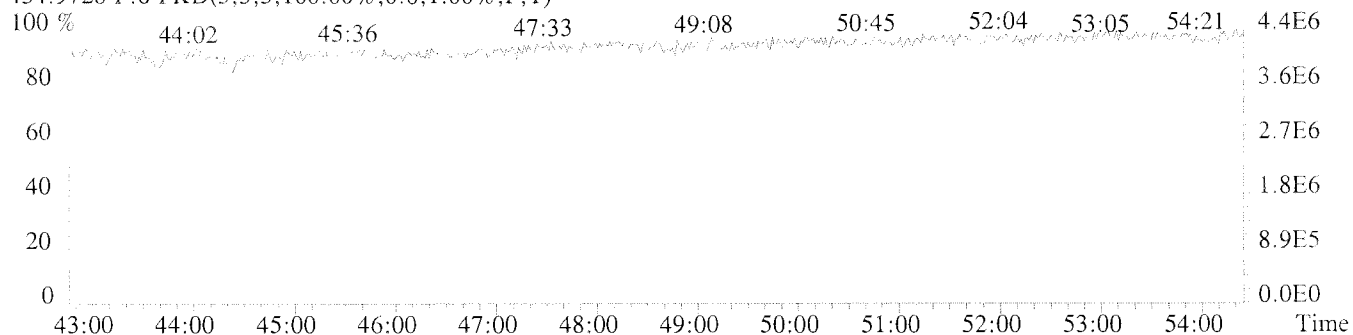
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,760.0,1.00%,F,T)



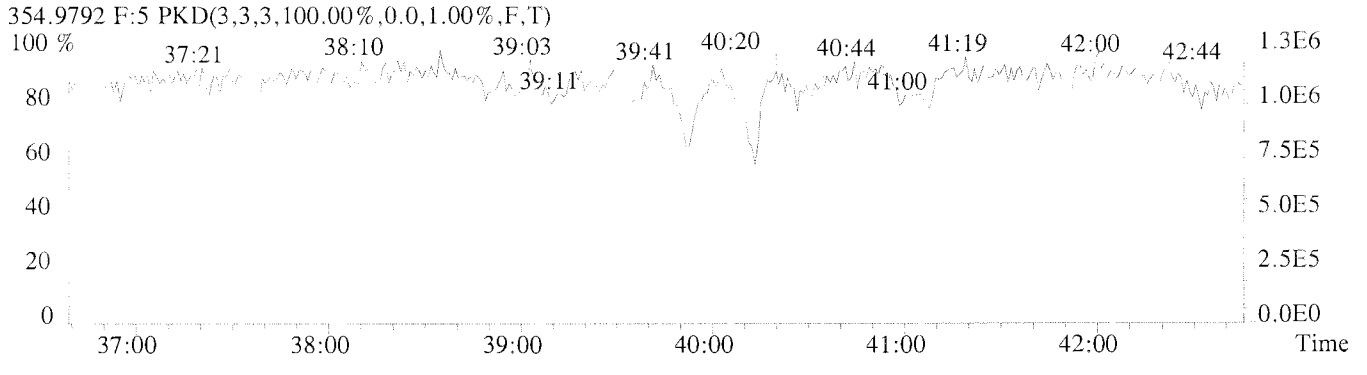
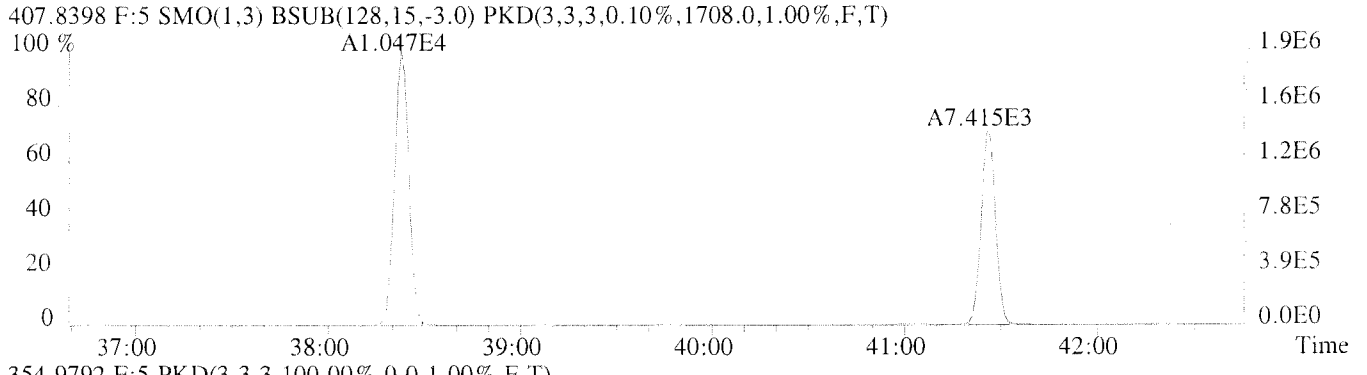
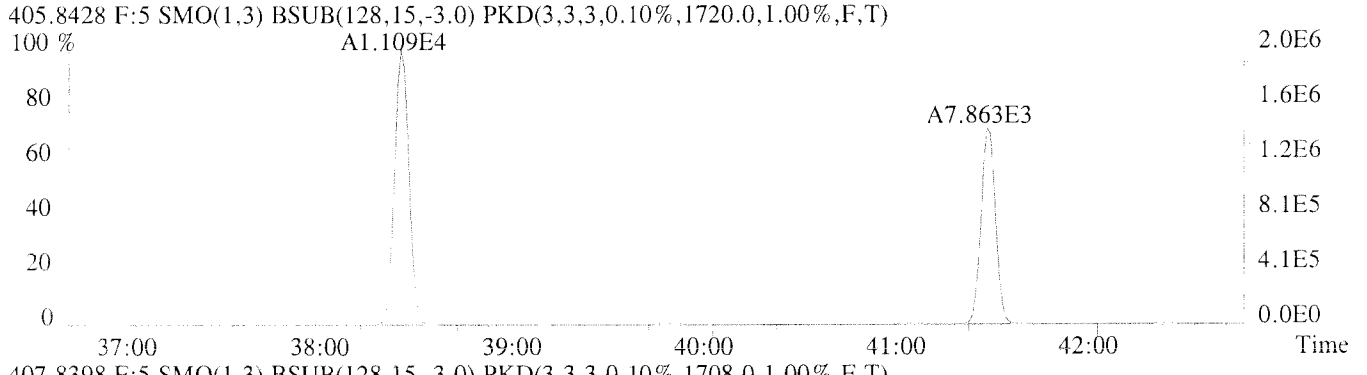
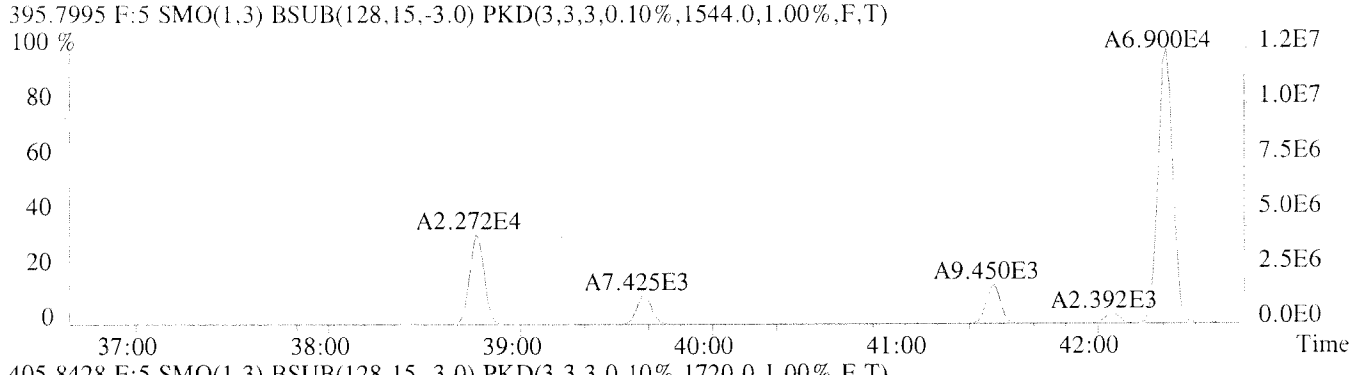
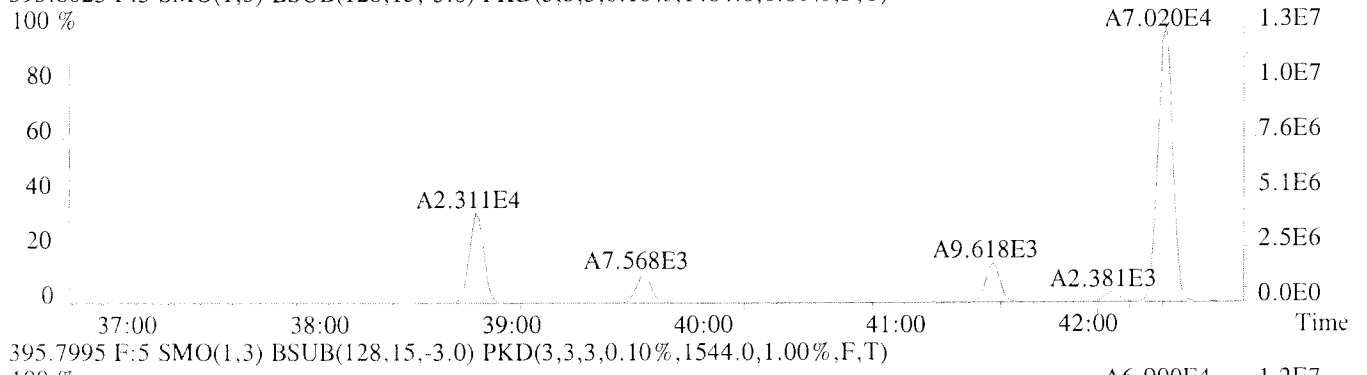
373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1416.0,1.00%,F,T)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



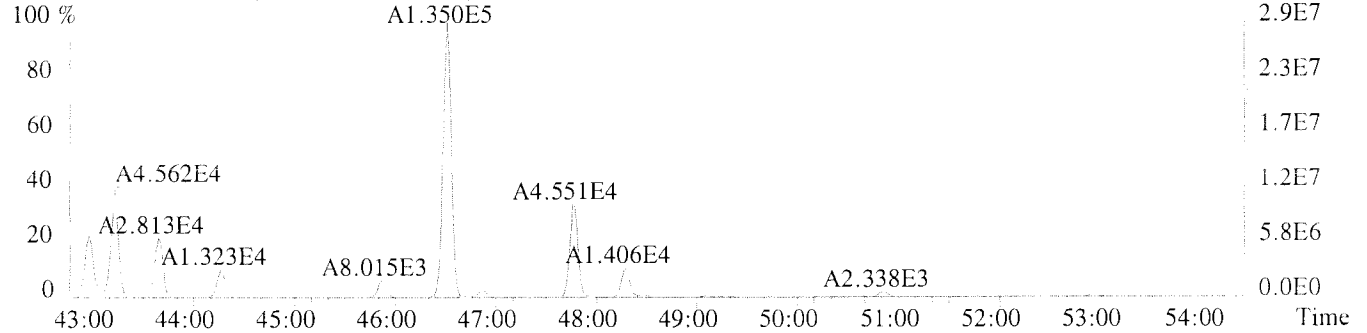
File:U224751 #1-391 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-002 USENN/S021
 393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1484.0,1.00%,F,T)
 100 %



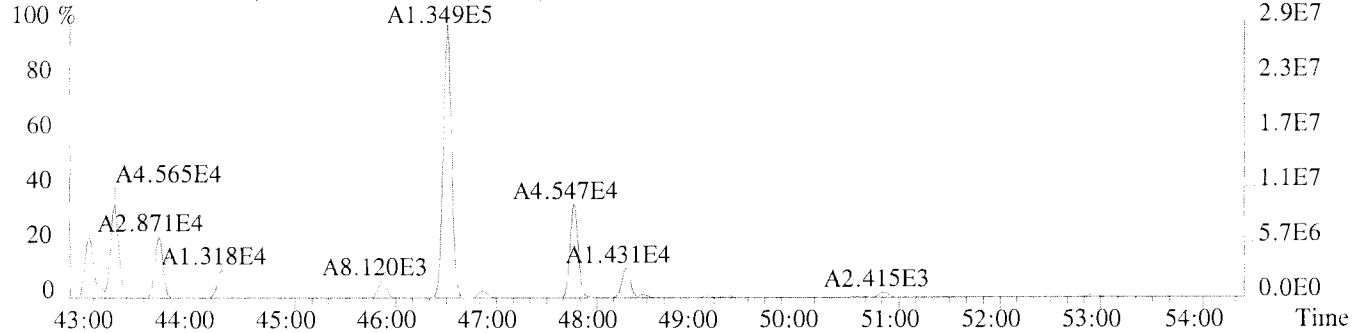
File:U224751 #1-577 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-002 USENN/S021

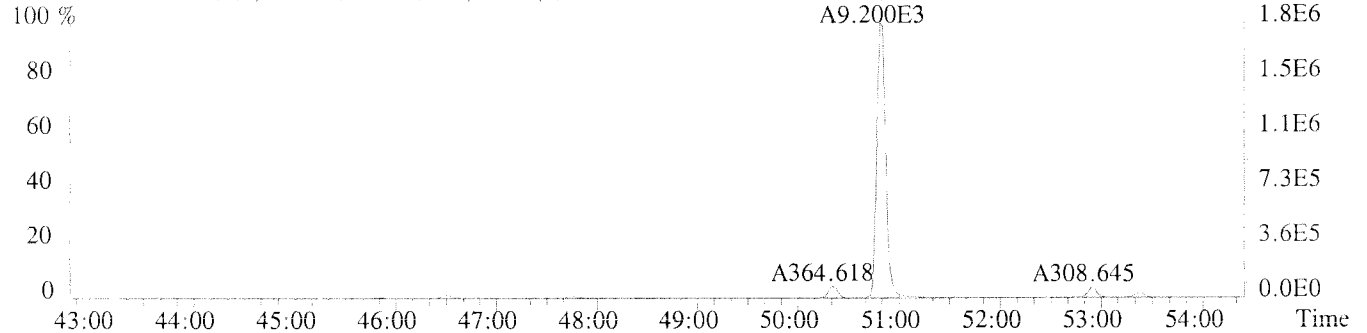
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8132.0,1.00%,F,T)



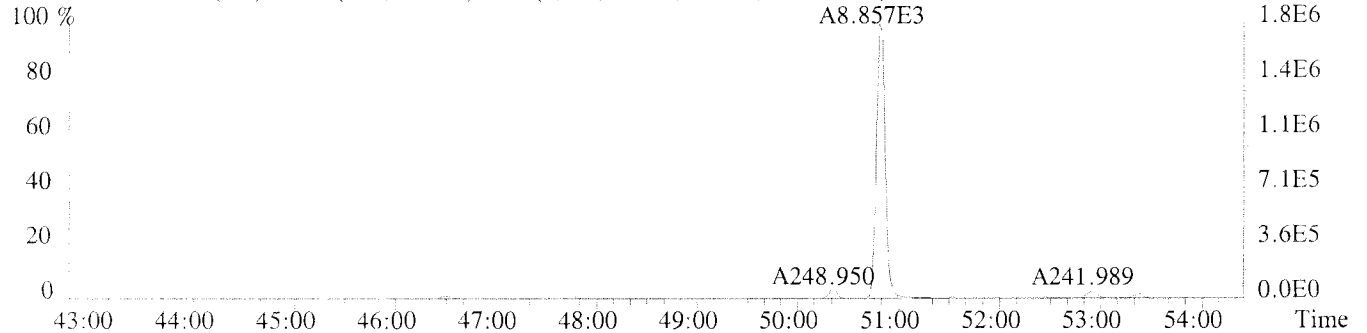
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3892.0,1.00%,F,T)



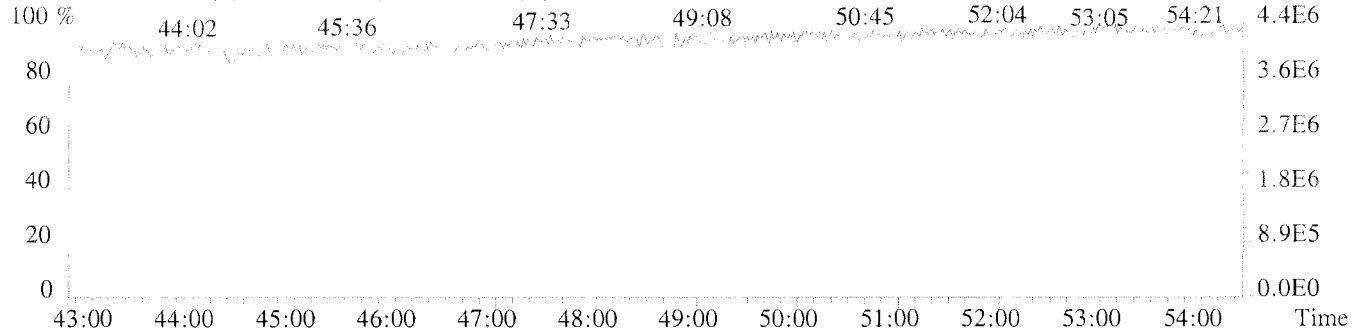
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1276.0,1.00%,F,T)



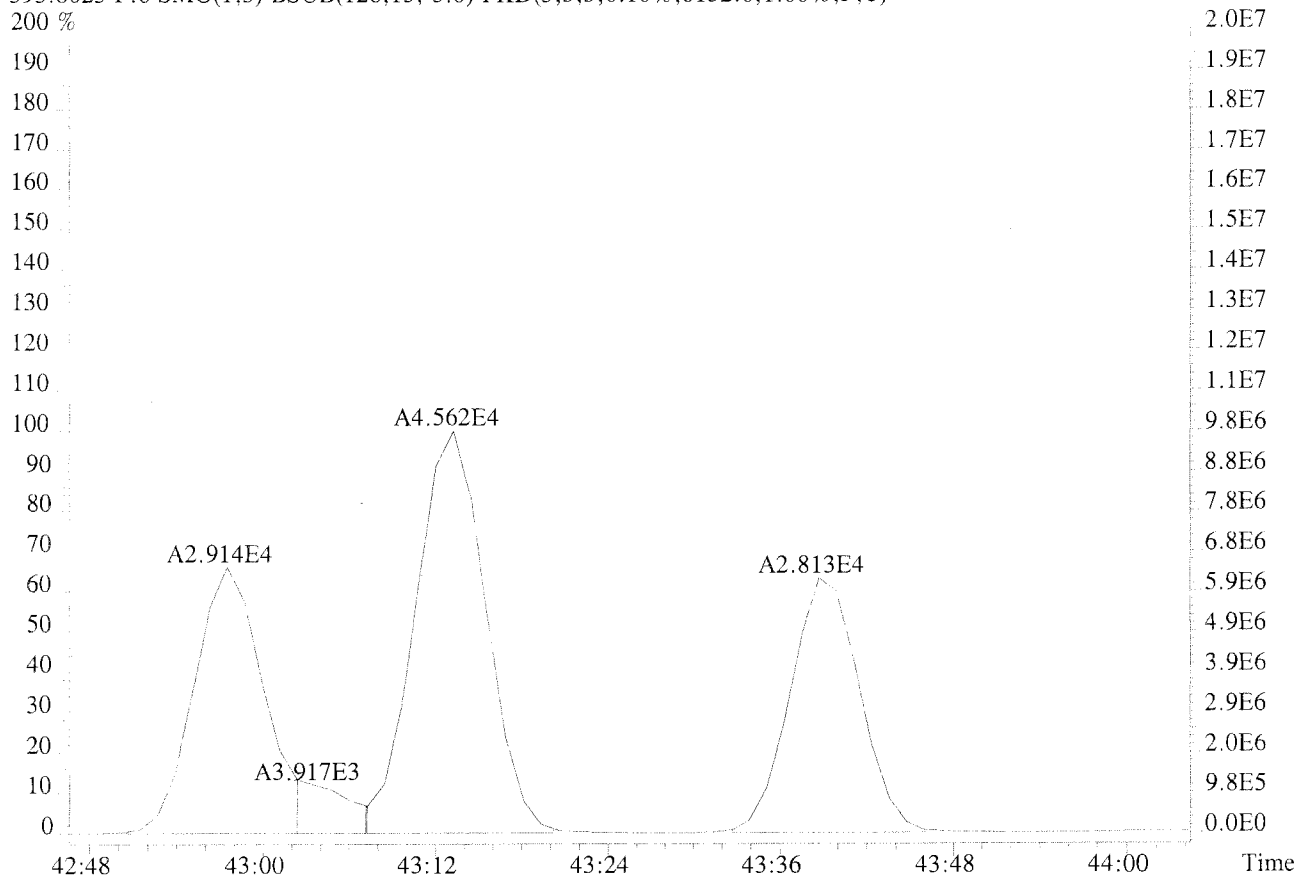
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1416.0,1.00%,F,T)



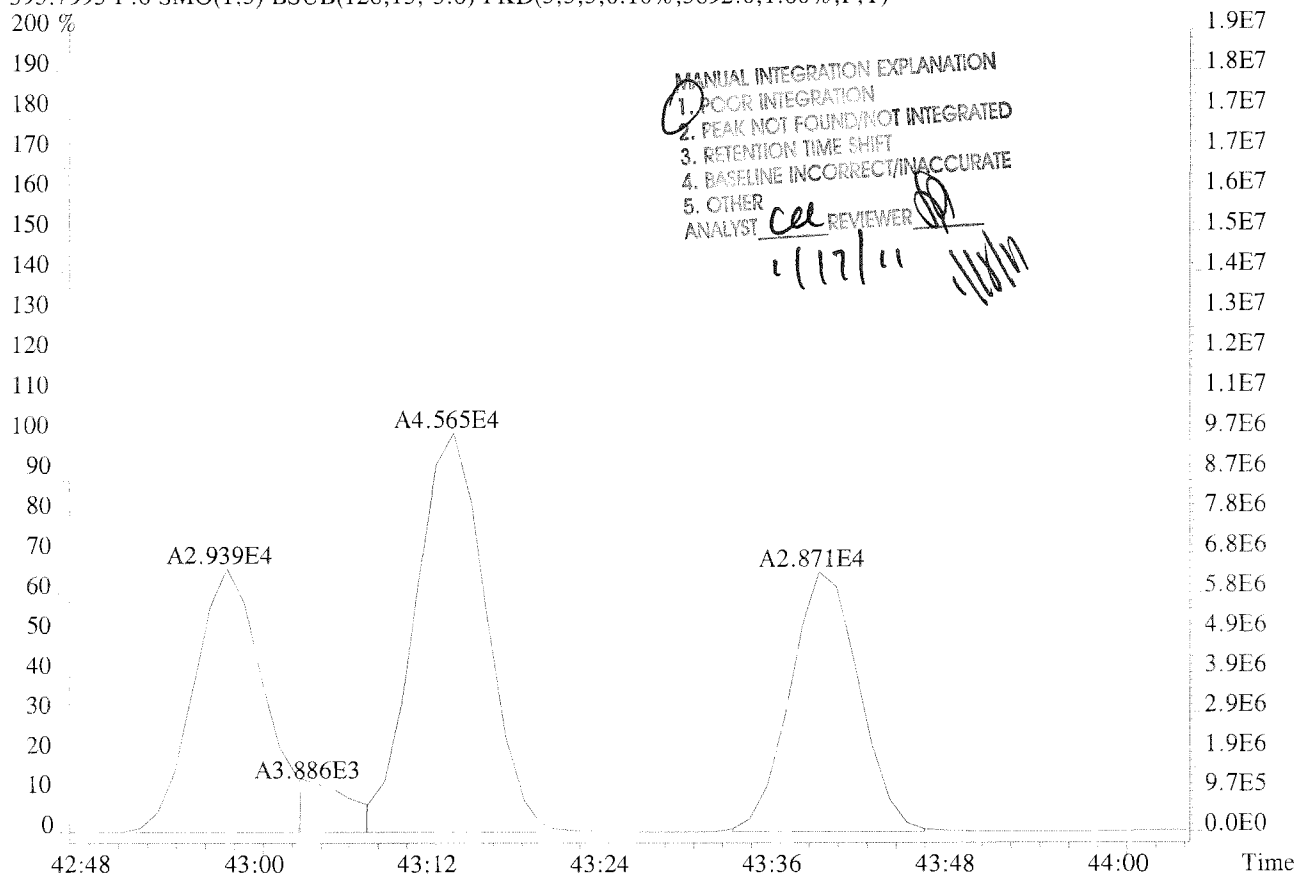
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



File:U224751 #1-577 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-002 USENN/S021
 393.8025 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8132.0,1.00%,F,T)

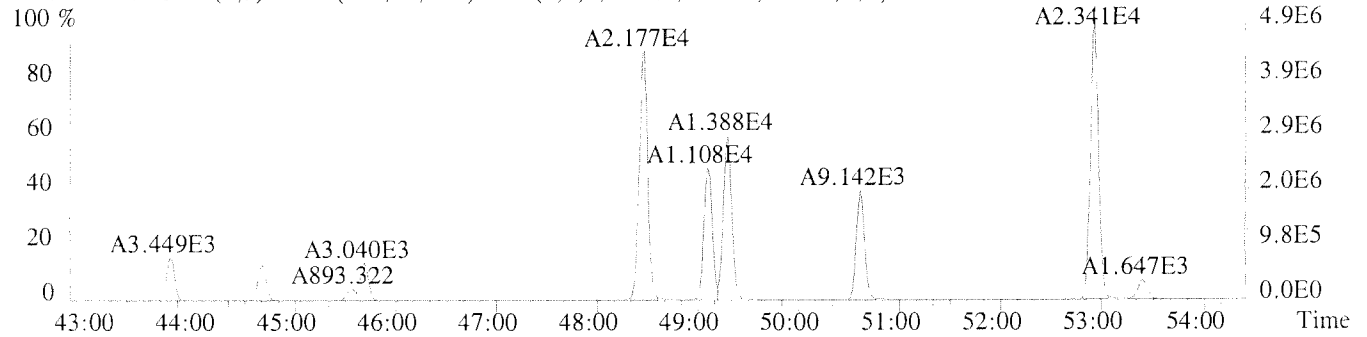


395.7995 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3892.0,1.00%,F,T)

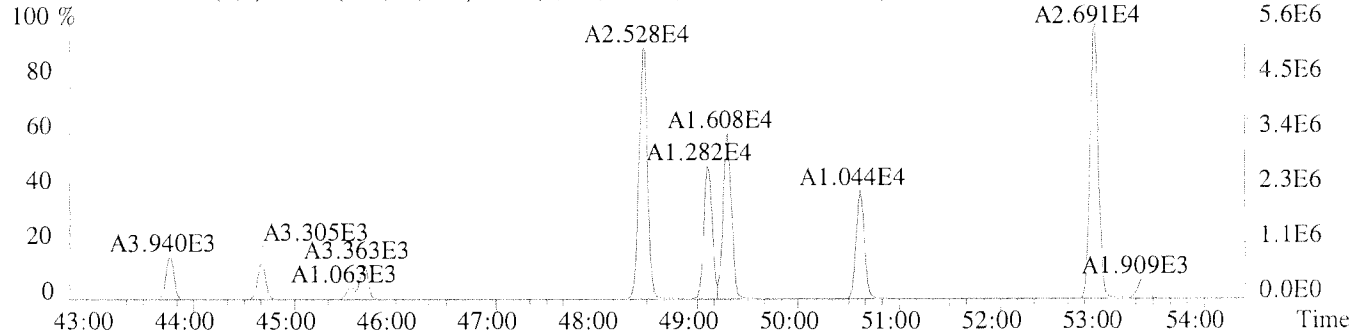


File:U224751 #1-577 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-002 USENN/S021

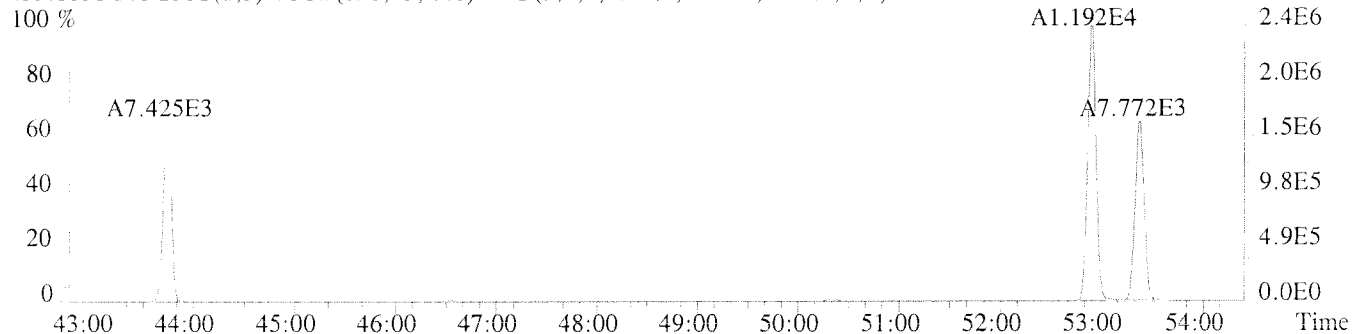
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1560.0,1.00%,F,T)



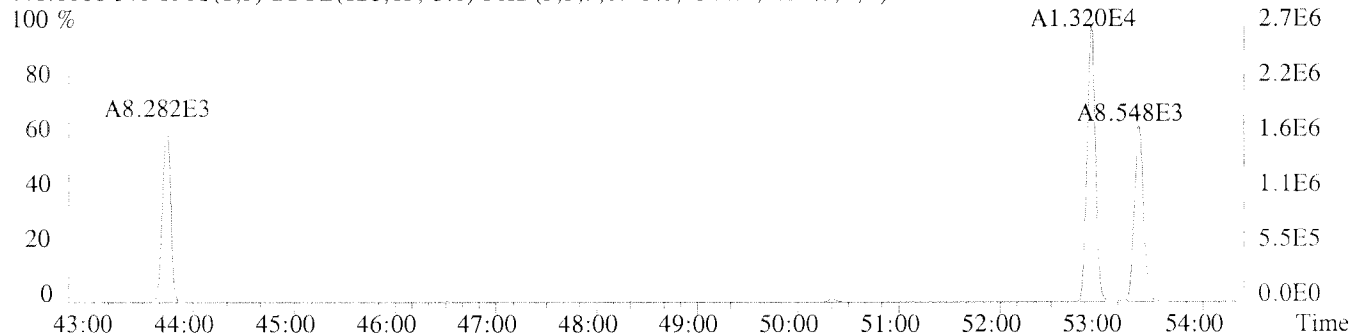
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1316.0,1.00%,F,T)



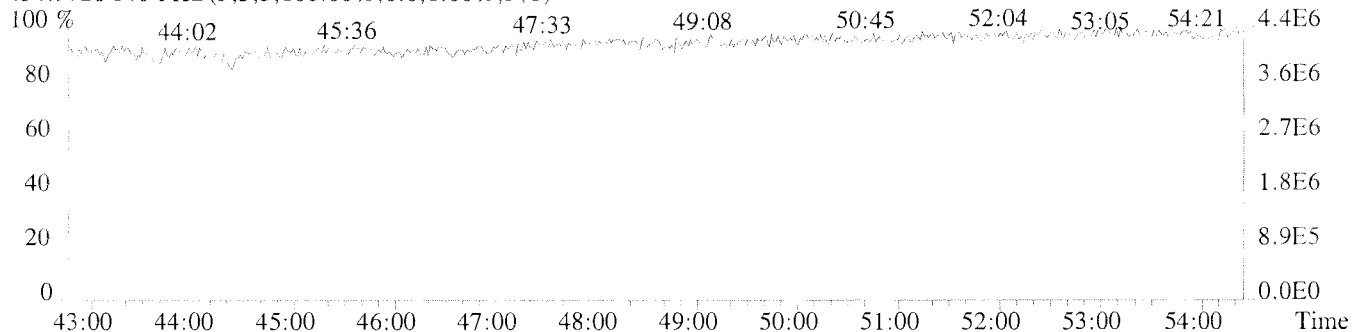
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1100.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1344.0,1.00%,F,T)



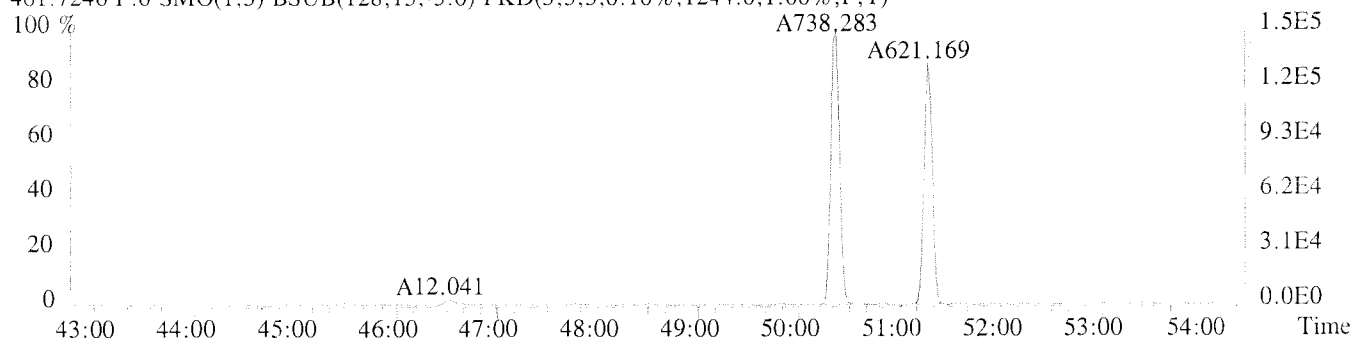
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



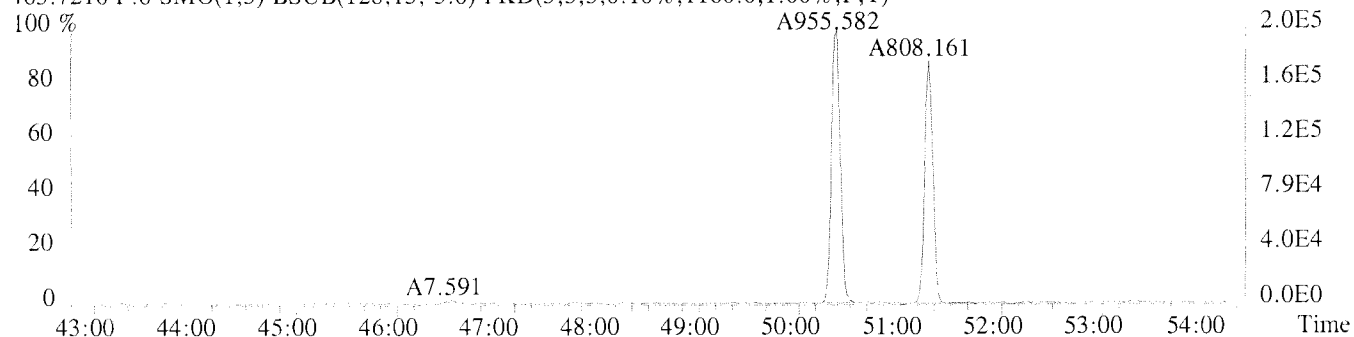
File:U224751 #1-577 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-002 USENN/S021

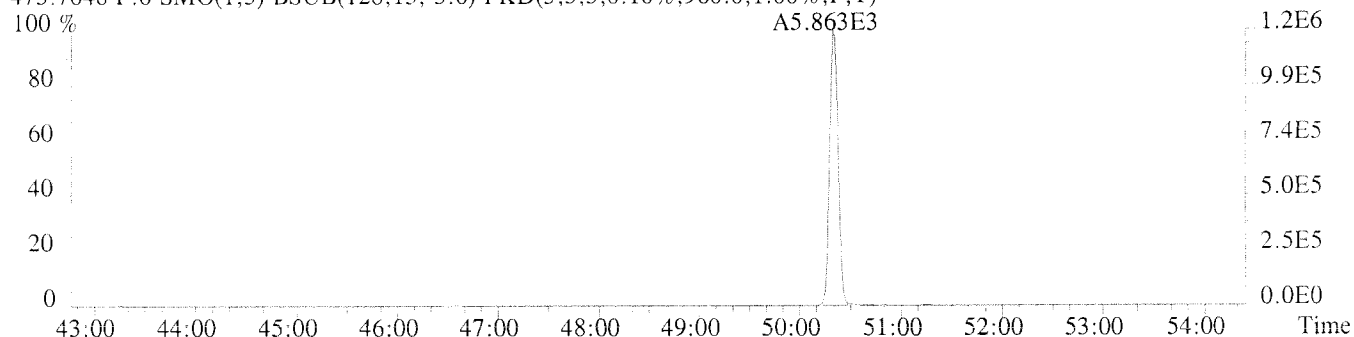
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1244.0,1.00%,F,T)



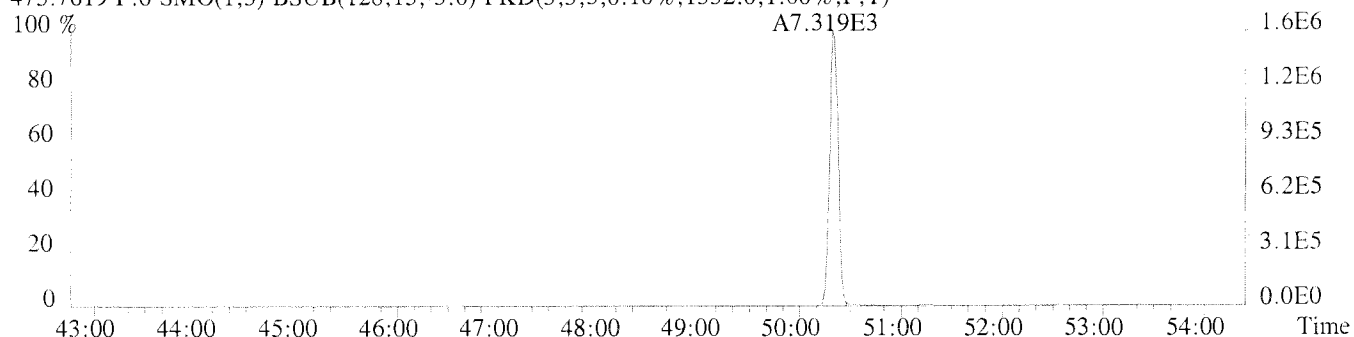
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1160.0,1.00%,F,T)



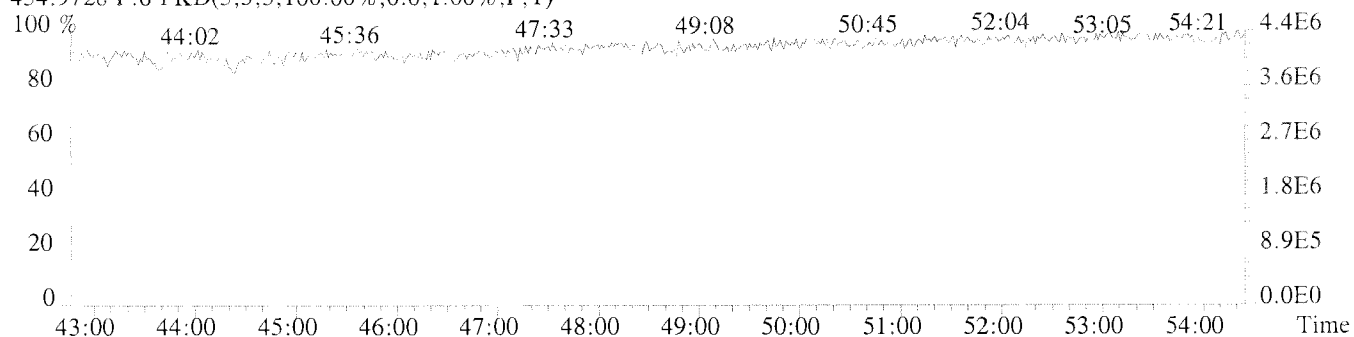
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,960.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1332.0,1.00%,F,T)



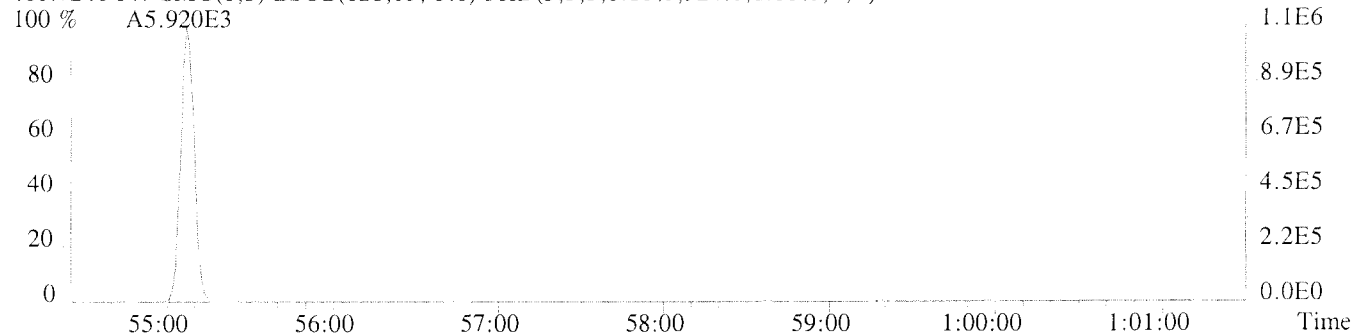
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



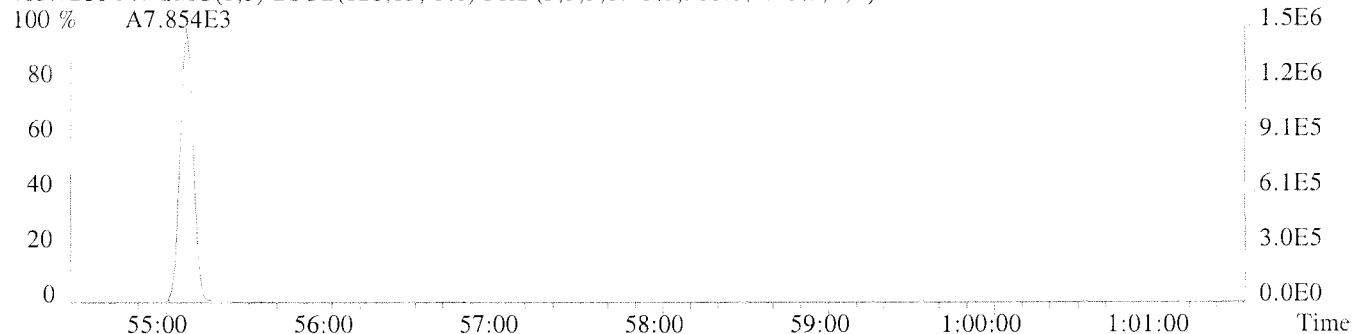
File:U224751 #1-400 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-002 USENN/S021

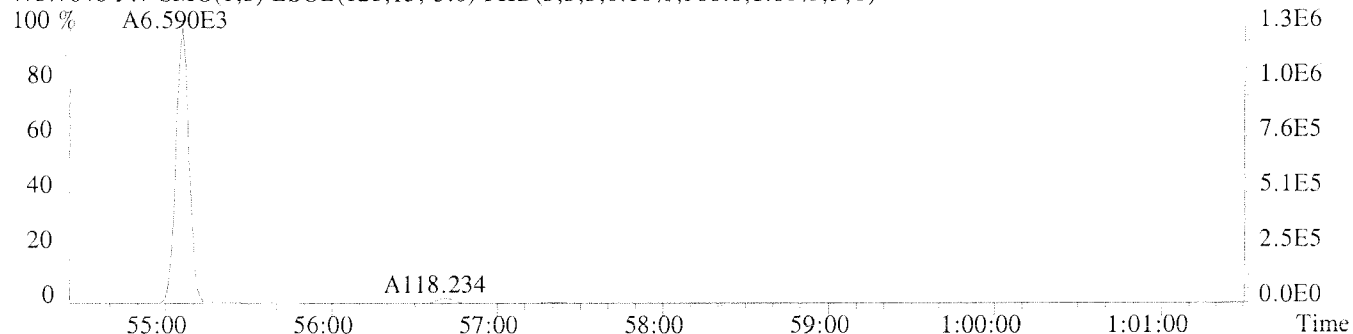
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,924.0,1.00%,F,T)



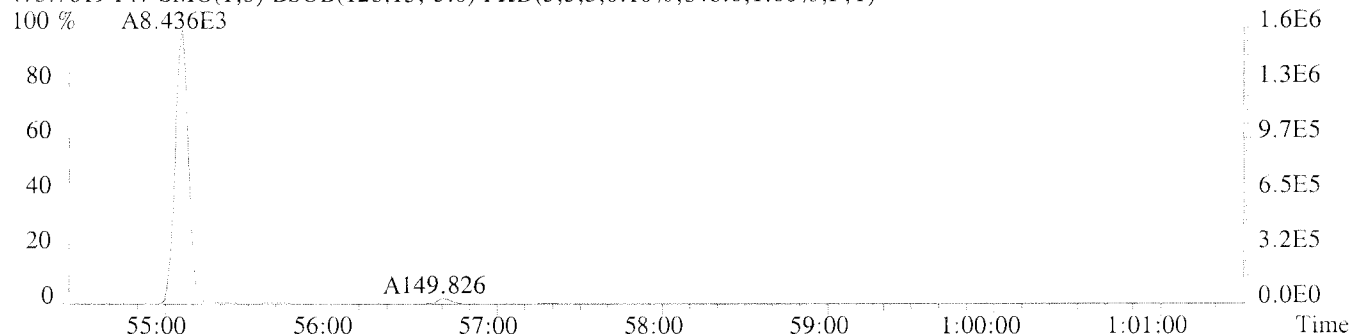
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,988.0,1.00%,F,T)



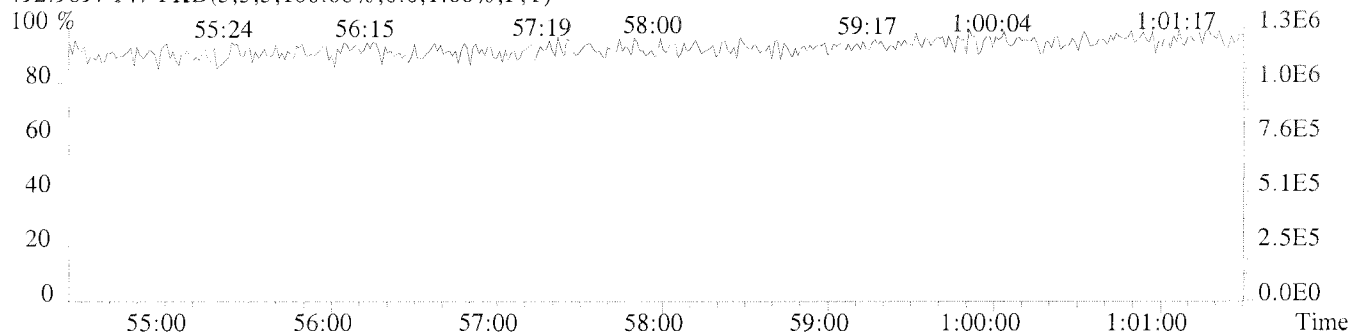
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,900.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,848.0,1.00%,F,T)



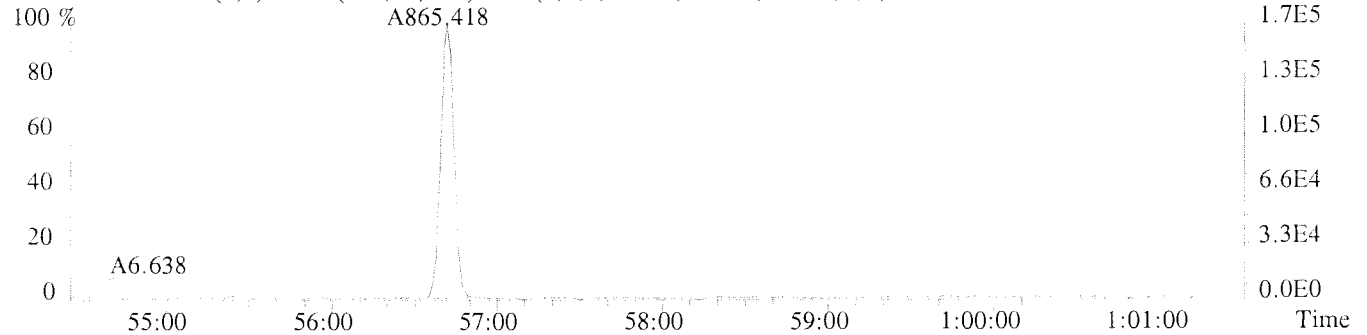
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



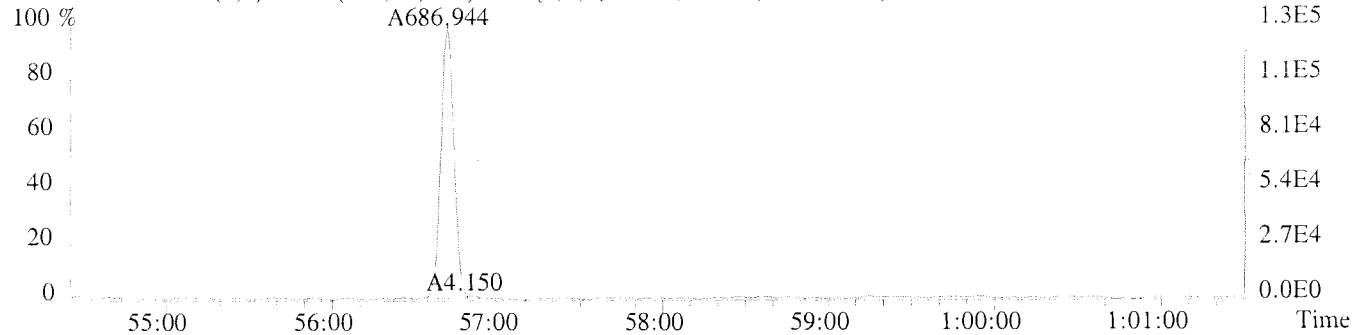
File:U224751 #1-400 Acq:14-JAN-2011 22:33:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-002 USENN/S021

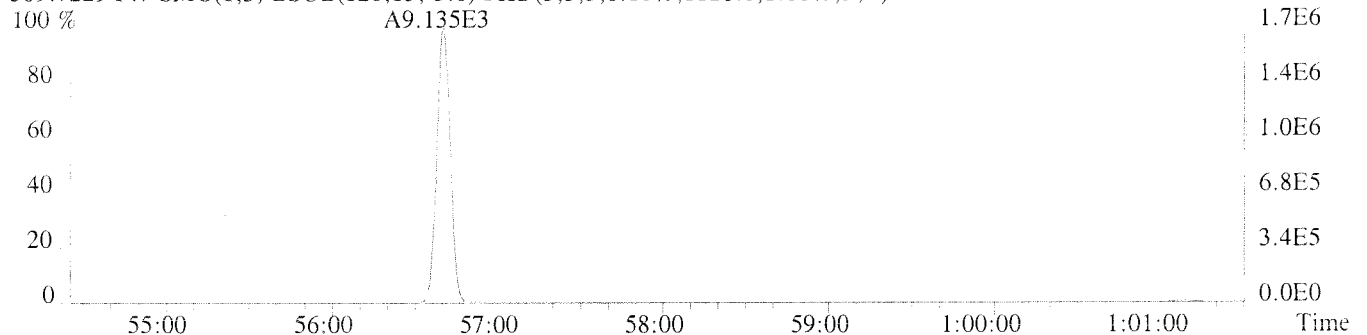
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1100.0,1.00%,F,T)



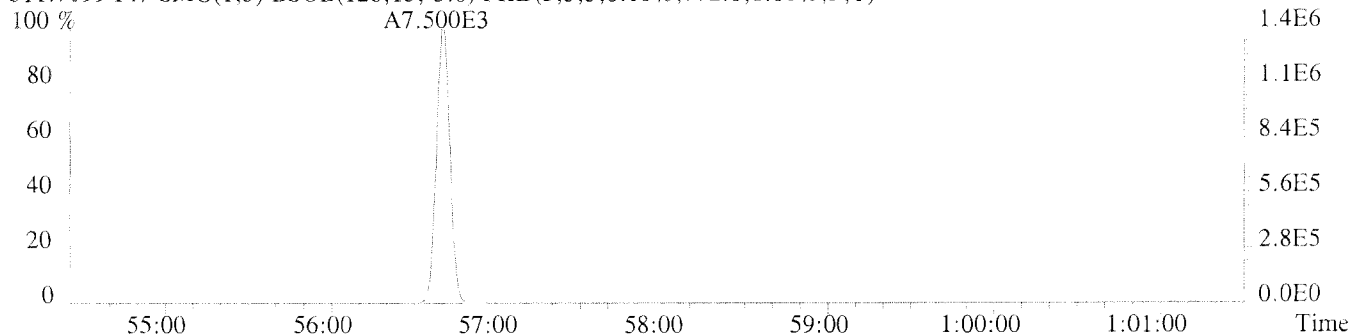
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1028.0,1.00%,F,T)



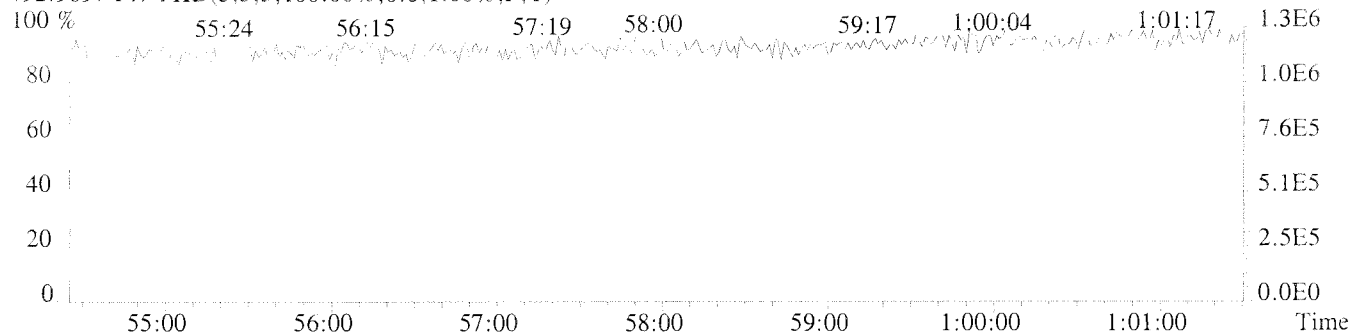
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1120.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,772.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-N/S-02-2

Run #12 Filename U224752 Samp: 1 Inj: 1 Acquired: 14-JAN-11 23:41:45
Processed: 17-JAN-11 13:57:36 Sample ID: K1013433-003

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	12:59	1.200e+04	3.884e+03	3.09	y	n	1.062
2	1	PCB-2	15:06	3.926e+03	1.251e+03	3.14	y	n	0.970
3	1	PCB-3	15:16	8.959e+03	2.887e+03	3.10	y	n	1.057
4	1	PCB-4	15:31	1.120e+04	7.649e+03	1.46	y	y	0.952
5	1	PCB-10	NotFnd	*	*	*	n	n	1.379
6	2	PCB-9	17:51	4.082e+03	2.527e+03	1.62	y	n	0.961
7	2	PCB-7	17:57	1.484e+03	9.543e+02	1.56	y	n	1.000
8	2	PCB-6	18:06	9.605e+03	6.151e+03	1.56	y	n	1.034
9	2	PCB-5	18:22	8.314e+02	5.996e+02	1.39	y	n	0.868
10	2	PCB-8	18:28	3.993e+04	2.507e+04	1.59	y	n	1.120
11	2	PCB-14	NotFnd	*	*	*	n	y	1.036
12	2	PCB-11	20:47	1.345e+04	8.423e+03	1.60	y	n	1.019
13	2	PCB-12/13	21:05	7.733e+03	4.998e+03	1.55	y	n	1.003
14	2	PCB-15	21:24	2.734e+04	1.728e+04	1.58	y	n	0.973
15	2	PCB-19	18:45	1.431e+03	1.447e+03	0.99	y	n	1.021
16	2	PCB-18/30	20:30	2.515e+04	2.448e+04	1.03	y	n	0.962
17	2	PCB-17	20:54	8.701e+03	8.445e+03	1.03	y	n	0.821
18	2	PCB-27	21:07	2.057e+03	2.103e+03	0.98	y	n	1.161
19	2	PCB-24	21:15	5.099e+02	4.977e+02	1.02	y	n	1.040
20	2	PCB-16	21:21	7.149e+03	7.037e+03	1.02	y	n	0.703
21	2	PCB-32	21:52	1.001e+04	9.782e+03	1.02	y	n	1.231
22	3	PCB-34	23:05	2.140e+02	2.357e+02	0.91	y	y	1.217
23	3	PCB-23	NotFnd	*	*	*	n	y	1.177
24	3	PCB-26/29	23:32	1.269e+04	1.141e+04	1.11	y	y	1.305
25	3	PCB-25	23:46	5.192e+03	4.430e+03	1.17	y	y	1.447
26	3	PCB-31	24:05	7.839e+04	7.251e+04	1.08	y	y	1.329
27	3	PCB-20/28	24:21	7.517e+04	7.014e+04	1.07	y	y	1.237
28	3	PCB-21/33	24:37	3.856e+04	3.375e+04	1.14	y	y	1.298
29	3	PCB-22	25:00	2.879e+04	2.642e+04	1.09	y	y	1.151
30	3	PCB-36	NotFnd	*	*	*	n	y	1.339
31	3	PCB-39	NotFnd	*	*	*	n	y	1.296
32	3	PCB-38	NotFnd	*	*	*	n	y	1.298
33	3	PCB-35	27:56	3.278e+03	2.290e+03	1.43	n	y	1.251
34	3	PCB-37	28:22	3.967e+04	3.505e+04	1.13	y	y	1.082
35	2	PCB-54	21:43	3.889e+01	5.856e+01	0.66	y	n	0.963
36	3	PCB-50/53	23:49	3.711e+03	4.754e+03	0.78	y	n	0.814
37	3	PCB-45/51	24:29	4.153e+03	5.365e+03	0.77	y	n	0.783
38	3	PCB-46	24:48	1.174e+03	1.680e+03	0.70	y	n	0.714
39	3	PCB-52	26:11	3.930e+04	5.040e+04	0.78	y	n	0.881
40	3	PCB-43/73	26:24	1.347e+03	1.704e+03	0.79	y	n	0.868
41	3	PCB-49/69	26:39	2.038e+04	2.649e+04	0.77	y	n	0.997
42	3	PCB-48	26:56	7.323e+03	9.631e+03	0.76	y	n	0.826
43	3	PCB-44/47/65	27:10	3.239e+04	4.224e+04	0.77	y	n	0.917
44	3	PCB-59/62/75	27:30	3.921e+03	5.068e+03	0.77	y	n	1.107
45	3	PCB-42	27:41	7.442e+03	9.579e+03	0.78	y	n	0.836
46	3	PCB-40/41/71	28:11	1.795e+04	2.318e+04	0.77	y	y	0.836
47	3	PCB-64	28:25	2.168e+04	2.830e+04	0.77	y	y	1.169
48	3	PCB-72	29:12	2.333e+02	3.546e+02	0.66	y	n	1.192
49	3	PCB-68	NotFnd	*	*	*	n	n	1.160
50	3	PCB-57	29:55	1.789e+02	2.191e+02	0.82	y	n	1.155

51	3	PCB-58	NotFnd	*	*	*	n	y	1.136
52	3	PCB-67	30:19	2.070e+03	2.704e+03	0.77	y	n	1.293
53	3	PCB-63	30:35	2.539e+03	3.337e+03	0.76	y	n	1.243
54	3	PCB-61/70/74/76	30:56	1.145e+05	1.494e+05	0.77	y	n	1.165
55	3	PCB-66	31:15	6.242e+04	8.089e+04	0.77	y	n	1.227
56	3	PCB-55	NotFnd	*	*	*	n	n	1.051
57	4	PCB-56	31:56	3.126e+04	3.895e+04	0.80	y	n	1.088
58	4	PCB-60	32:09	2.242e+04	2.763e+04	0.81	y	n	1.081
59	4	PCB-80	NotFnd	*	*	*	n	n	1.276
60	4	PCB-79	34:04	1.104e+03	1.435e+03	0.77	y	n	1.302
61	4	PCB-78	NotFnd	*	*	*	n	n	1.158
62	4	PCB-81	35:04	6.298e+02	8.316e+02	0.76	y	n	1.084
63	4	PCB-77	35:41	1.529e+04	1.892e+04	0.81	y	n	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:31	4.975e+02	3.323e+02	1.50	y	n	0.946
66	3	PCB-103	29:24	3.120e+02	2.128e+02	1.47	y	n	0.813
67	3	PCB-94	29:38	2.450e+02	1.687e+02	1.45	y	n	0.654
68	3	PCB-95	30:04	4.011e+04	2.526e+04	1.59	y	n	0.755
69	3	PCB-93/100	NotFnd	*	*	*	n	n	0.701
70	3	PCB-98/102	30:25	1.841e+03	1.152e+03	1.60	y	n	0.743
71	3	PCB-88/91	30:56	5.475e+03	3.448e+03	1.59	y	n	0.718
72	3	PCB-84	31:10	9.691e+03	6.180e+03	1.57	y	n	0.663
73	3	PCB-89	31:38	7.160e+02	4.480e+02	1.60	y	n	0.695
74	4	PCB-121	NotFnd	*	*	*	n	n	0.931
75	4	PCB-92	32:24	9.709e+03	6.146e+03	1.58	y	n	0.707
76	4	PCB-90/101/113	32:59	8.007e+04	5.100e+04	1.57	y	n	0.803
77	4	PCB-83/99	33:33	2.788e+04	1.797e+04	1.55	y	n	0.680
78	4	PCB-112	NotFnd	*	*	*	n	n	1.013
79	4	PCB-86/87/97/109/119/125	34:10	4.680e+04	3.016e+04	1.55	y	y	0.823
80	4	PCB-117	34:42	1.442e+03	7.916e+02	1.82	n	y	0.848
81	4	PCB-85/116	34:48	1.175e+04	7.721e+03	1.52	y	y	0.886
82	4	PCB-110/115	34:58	9.584e+04	6.136e+04	1.56	y	n	0.968
83	4	PCB-82	35:17	6.912e+03	4.478e+03	1.54	y	n	0.655
84	4	PCB-111	NotFnd	*	*	*	n	n	0.921
85	4	PCB-120	36:06	6.621e+02	4.015e+02	1.65	y	n	1.028
86	5	PCB-108/124	37:15	4.515e+03	2.991e+03	1.51	y	n	0.913
87	5	PCB-107	37:29	8.688e+03	5.638e+03	1.54	y	n	1.038
88	5	PCB-123	37:36	2.050e+03	1.394e+03	1.47	y	n	1.076
89	5	PCB-106	NotFnd	*	*	*	n	n	1.093
90	5	PCB-118	37:55	1.116e+05	7.110e+04	1.57	y	n	1.103
91	5	PCB-122	38:16	1.384e+03	8.418e+02	1.64	y	n	0.946
92	5	PCB-114	38:27	3.572e+03	2.495e+03	1.43	y	n	1.079
93	5	PCB-105	39:07	5.430e+04	3.491e+04	1.56	y	n	1.059
94	5	PCB-127	NotFnd	*	*	*	n	n	0.969
95	5	PCB-126	42:12	3.445e+03	2.178e+03	1.58	y	n	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	32:59	1.061e+02	9.056e+01	1.17	y	n	1.196
98	4	PCB-150	33:07	3.518e+02	2.628e+02	1.34	y	n	1.105
99	4	PCB-136	33:32	1.634e+04	1.305e+04	1.25	y	n	1.166
100	4	PCB-145	NotFnd	*	*	*	n	n	1.078
101	4	PCB-148	35:15	1.172e+02	8.893e+01	1.32	y	n	0.887
102	4	PCB-135/151	35:52	4.068e+04	3.274e+04	1.24	y	n	0.852
103	4	PCB-154	36:06	1.313e+03	1.126e+03	1.17	y	n	1.019
104	4	PCB-144	36:26	6.699e+03	5.480e+03	1.22	y	n	0.901
105	5	PCB-147/149	36:48	1.208e+05	9.655e+04	1.25	y	n	0.938
106	5	PCB-134	37:00	5.003e+03	3.961e+03	1.26	y	n	0.768
107	5	PCB-143	NotFnd	*	*	*	n	n	0.946

108	5	PCB-139/140	37:22	1.217e+03	9.783e+02	1.24	y	n	0.945
109	5	PCB-131	37:35	9.707e+02	8.025e+02	1.21	y	n	0.866
110	5	PCB-142	NotFnd	*	*	*	n	n	0.847
111	5	PCB-132	38:04	3.468e+04	2.751e+04	1.26	y	n	0.808
112	5	PCB-133	38:31	1.662e+03	1.366e+03	1.22	y	n	0.877
113	5	PCB-165	NotFnd	*	*	*	n	n	1.086
114	5	PCB-146	39:10	2.476e+04	2.017e+04	1.23	y	n	1.059
115	5	PCB-161	NotFnd	*	*	*	n	n	1.225
116	5	PCB-153/168	39:47	1.882e+05	1.501e+05	1.25	y	n	1.100
117	5	PCB-141	40:02	3.362e+04	2.709e+04	1.24	y	n	0.943
118	5	PCB-130	40:26	6.620e+03	5.292e+03	1.25	y	n	0.820
119	5	PCB-137	40:39	2.877e+03	2.220e+03	1.30	y	n	0.903
120	5	PCB-164	40:46	1.331e+04	1.068e+04	1.25	y	n	1.163
121	5	PCB-129/138/163	41:03	1.772e+05	1.422e+05	1.25	y	n	0.964
122	5	PCB-160	NotFnd	*	*	*	n	n	1.113
123	5	PCB-158	41:27	2.258e+04	1.796e+04	1.26	y	n	1.305
124	5	PCB-128/166	42:19	1.949e+04	1.575e+04	1.24	y	n	1.022
125	6	PCB-159	43:14	2.470e+03	1.978e+03	1.25	y	n	1.041
126	6	PCB-162	43:33	9.964e+02	6.790e+02	1.47	n	y	1.002
127	6	PCB-167	44:02	8.425e+03	6.523e+03	1.29	y	n	1.030
128	6	PCB-156/157	45:10	1.784e+04	1.438e+04	1.24	y	n	1.064
129	6	PCB-169	48:22	7.658e+02	5.578e+02	1.37	y	y	1.036
130	5	PCB-188	38:25	1.544e+02	1.737e+02	0.89	n	n	0.950
131	5	PCB-179	38:47	2.283e+04	2.236e+04	1.02	y	n	1.159
132	5	PCB-184	NotFnd	*	*	*	n	n	1.104
133	5	PCB-176	39:40	7.201e+03	6.993e+03	1.03	y	n	1.108
134	5	PCB-186	NotFnd	*	*	*	n	n	1.022
135	5	PCB-178	41:29	9.669e+03	9.302e+03	1.04	y	n	0.787
136	5	PCB-175	42:06	2.453e+03	2.332e+03	1.05	y	n	0.833
137	5	PCB-187	42:22	6.787e+04	6.545e+04	1.04	y	n	0.869
138	5	PCB-182	42:33	4.393e+02	3.934e+02	1.12	y	n	0.857
139	6	PCB-183	42:59	3.004e+04	2.985e+04	1.01	y	y	0.680
140	6	PCB-185	43:05	4.052e+03	4.437e+03	0.91	y	y	0.693
141	6	PCB-174	43:14	4.461e+04	4.551e+04	0.98	y	n	0.684
142	6	PCB-177	43:41	2.643e+04	2.690e+04	0.98	y	n	0.646
143	6	PCB-181	NotFnd	*	*	*	n	n	0.647
144	6	PCB-171/173	44:17	1.298e+04	1.306e+04	0.99	y	n	0.635
145	6	PCB-172	45:53	8.406e+03	8.400e+03	1.00	y	n	0.624
146	6	PCB-192	NotFnd	*	*	*	n	n	0.747
147	6	PCB-180/193	46:32	1.362e+05	1.378e+05	0.99	y	n	0.763
148	6	PCB-191	46:53	3.516e+03	3.348e+03	1.05	y	n	0.832
149	6	PCB-170	47:47	4.662e+04	4.694e+04	0.99	y	n	0.588
150	6	PCB-190	48:19	1.424e+04	1.421e+04	1.00	y	n	0.894
151	6	PCB-189	50:51	2.498e+03	2.526e+03	0.99	y	n	0.912
152	6	PCB-202	43:47	3.559e+03	4.081e+03	0.87	y	n	0.869
153	6	PCB-201	44:42	2.972e+03	3.410e+03	0.87	y	n	1.015
154	6	PCB-204	NotFnd	*	*	*	n	n	1.005
155	6	PCB-197	45:35	9.303e+02	1.071e+03	0.87	y	n	1.019
156	6	PCB-200	45:42	2.866e+03	3.416e+03	0.84	y	n	0.976
157	6	PCB-198/199	48:28	2.248e+04	2.556e+04	0.88	y	n	0.688
158	6	PCB-196	49:07	1.157e+04	1.325e+04	0.87	y	n	0.730
159	6	PCB-203	49:18	1.441e+04	1.643e+04	0.88	y	n	0.731
160	6	PCB-195	50:38	9.246e+03	1.076e+04	0.86	y	n	0.682
161	6	PCB-194	52:56	2.434e+04	2.772e+04	0.88	y	n	0.689
162	6	PCB-205	53:24	1.856e+03	1.994e+03	0.93	y	n	0.933
163	6	PCB-208	50:22	8.835e+02	1.117e+03	0.79	y	n	0.915
164	6	PCB-207	51:18	6.746e+02	8.279e+02	0.81	y	n	0.967

165	7	PCB-206	55:08	6.647e+03	8.891e+03	0.75	y	n	0.937
166	7	PCB-209	56:42	1.175e+03	9.761e+02	1.20	y	n	0.925
167	1	PCB-1L	12:59	2.931e+04	9.270e+03	3.16	y	n	1.162
168	1	PCB-3L	15:15	3.181e+04	1.070e+04	2.97	y	n	1.187
169	1	PCB-4L	15:30	1.637e+04	1.009e+04	1.62	y	n	0.907
170	2	PCB-15L	21:23	2.526e+04	1.619e+04	1.56	y	n	1.030
171	2	PCB-19L	18:44	1.043e+04	1.023e+04	1.02	y	n	0.615
172	3	PCB-37L	28:20	2.213e+04	2.156e+04	1.03	y	n	1.320
173	2	PCB-54L	21:42	1.111e+04	1.379e+04	0.81	y	n	1.261
174	4	PCB-81L	35:03	1.566e+04	1.997e+04	0.78	y	n	1.088
175	4	PCB-77L	35:40	1.619e+04	2.110e+04	0.77	y	n	1.091
176	3	PCB-104L	27:06	1.686e+04	1.072e+04	1.57	y	n	1.480
177	5	PCB-123L	37:35	2.020e+04	1.302e+04	1.55	y	n	1.214
178	5	PCB-118L	37:54	2.084e+04	1.344e+04	1.55	y	n	1.246
179	5	PCB-114L	38:25	2.069e+04	1.343e+04	1.54	y	n	1.236
180	5	PCB-105L	39:06	2.057e+04	1.320e+04	1.56	y	n	1.197
181	5	PCB-126L	42:10	2.222e+04	1.446e+04	1.54	y	n	1.105
182	4	PCB-155L	32:42	1.666e+04	1.316e+04	1.27	y	n	1.599
183	6	PCB-167L	44:01	1.439e+04	1.179e+04	1.22	y	n	1.051
184	6	PCB-156/157L	45:10	2.820e+04	2.266e+04	1.24	y	n	0.962
185	6	PCB-169L	48:21	1.438e+04	1.144e+04	1.26	y	n	0.886
186	5	PCB-188L	38:24	1.399e+04	1.335e+04	1.05	y	n	2.483
187	6	PCB-189L	50:50	1.231e+04	1.189e+04	1.04	y	n	1.503
188	6	PCB-202L	43:46	9.728e+03	1.090e+04	0.89	y	n	1.757
189	6	PCB-205L	53:23	1.023e+04	1.140e+04	0.90	y	n	1.317
190	6	PCB-208L	50:21	8.042e+03	9.987e+03	0.81	y	n	1.446
191	7	PCB-206L	55:06	9.184e+03	1.158e+04	0.79	y	n	1.176
192	7	PCB-209L	56:41	1.238e+04	1.045e+04	1.18	y	n	1.606
193	3	PCB-28L	24:21	2.471e+04	2.397e+04	1.03	y	n	1.538
194	4	PCB-111L	35:39	1.981e+04	1.250e+04	1.59	y	n	1.238
195	5	PCB-178L	41:28	1.032e+04	9.724e+03	1.06	y	n	1.355
196	2	PCB-9L	17:51	3.309e+04	2.139e+04	1.55	y	n	-
197	3	PCB-52L	26:09	1.738e+04	2.168e+04	0.80	y	n	-
198	4	PCB-101L	32:57	2.209e+04	1.371e+04	1.61	y	n	-
199	5	PCB-138L	41:01	2.286e+04	1.818e+04	1.26	y	n	-
200	6	PCB-194L	52:55	1.060e+04	1.197e+04	0.89	y	n	-

-- Sample Calculation--

$$\text{PCB-209} = \frac{(1.175e+03 + 9.761e+02) \times (100.0 \times 100.0) \text{ pg} \times 1}{(1.238e+04 + 1.045e+04) \times (5.579 \text{ g}) \times (100 -) / 100 \times 0.9245} = 89 \text{ ng/g}$$

Handwritten signature and date:
 1/19/11
[Signature]

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio SummaryCLIENT ID.
USEN-N/S-02-2

Run #12 Filename U224752#1 Samp: 1 Inj: 1 Acquired: 14-JAN-11 23:41:45

Processed: 17-JAN-11 13:57:36 LAB. ID: K1013433-003

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	1.39e+06	2.65e+03	5.2e+02	4.52e+05	2.21e+03	2.0e+02
2	PCB-2	8.31e+05	2.65e+03	3.1e+02	2.60e+05	2.21e+03	1.2e+02
3	PCB-3	1.19e+06	2.65e+03	4.5e+02	3.93e+05	2.21e+03	1.8e+02
4	PCB-4	8.45e+05	6.69e+03	1.3e+02	5.66e+05	7.00e+04	8.1e+00
5	PCB-10	*	6.69e+03	*	*	7.00e+04	*
6	PCB-9	1.31e+06	1.05e+03	1.2e+03	8.06e+05	4.90e+03	1.6e+02
7	PCB-7	4.88e+05	1.05e+03	4.6e+02	3.09e+05	4.90e+03	6.3e+01
8	PCB-6	2.83e+06	1.05e+03	2.7e+03	1.77e+06	4.90e+03	3.6e+02
9	PCB-5	2.62e+05	1.05e+03	2.5e+02	1.79e+05	4.90e+03	3.7e+01
10	PCB-8	9.85e+06	1.05e+03	9.4e+03	6.20e+06	4.90e+03	1.3e+03
11	PCB-14	*	1.05e+03	*	*	4.90e+03	*
12	PCB-11	3.09e+06	1.05e+03	2.9e+03	1.95e+06	4.90e+03	4.0e+02
13	PCB-12/13	1.52e+06	1.05e+03	1.4e+03	9.59e+05	4.90e+03	2.0e+02
14	PCB-15	5.98e+06	1.05e+03	5.7e+03	3.82e+06	4.90e+03	7.8e+02
15	PCB-19	3.76e+05	2.30e+03	1.6e+02	3.75e+05	2.15e+03	1.7e+02
16	PCB-18/30	6.20e+06	2.30e+03	2.7e+03	6.06e+06	2.15e+03	2.8e+03
17	PCB-17	2.06e+06	2.30e+03	9.0e+02	1.98e+06	2.15e+03	9.2e+02
18	PCB-27	4.74e+05	2.30e+03	2.1e+02	4.83e+05	2.15e+03	2.2e+02
19	PCB-24	1.26e+05	2.30e+03	5.5e+01	1.22e+05	2.15e+03	5.7e+01
20	PCB-16	1.64e+06	2.30e+03	7.1e+02	1.63e+06	2.15e+03	7.6e+02
21	PCB-32	2.25e+06	2.30e+03	9.8e+02	2.21e+06	2.15e+03	1.0e+03
22	PCB-34	4.87e+04	9.73e+03	5.0e+00	4.91e+04	8.87e+03	5.5e+00
23	PCB-23	*	9.73e+03	*	*	8.87e+03	*
24	PCB-26/29	2.48e+06	9.73e+03	2.5e+02	2.33e+06	8.87e+03	2.6e+02
25	PCB-25	9.58e+05	9.73e+03	9.8e+01	8.95e+05	8.87e+03	1.0e+02
26	PCB-31	1.53e+07	9.73e+03	1.6e+03	1.44e+07	8.87e+03	1.6e+03
27	PCB-20/28	1.37e+07	9.73e+03	1.4e+03	1.30e+07	8.87e+03	1.5e+03
28	PCB-21/33	7.17e+06	9.73e+03	7.4e+02	6.55e+06	8.87e+03	7.4e+02
29	PCB-22	5.38e+06	9.73e+03	5.5e+02	5.16e+06	8.87e+03	5.8e+02
30	PCB-36	*	9.73e+03	*	*	8.87e+03	*
31	PCB-39	*	9.73e+03	*	*	8.87e+03	*
32	PCB-38	*	9.73e+03	*	*	8.87e+03	*
33	PCB-35	5.75e+05	9.73e+03	5.9e+01	4.98e+05	8.87e+03	5.6e+01
34	PCB-37	6.67e+06	9.73e+03	6.9e+02	6.15e+06	8.87e+03	6.9e+02
35	PCB-54	9.60e+03	1.51e+03	6.3e+00	1.31e+04	1.49e+03	8.8e+00
36	PCB-50/53	7.39e+05	1.72e+03	4.3e+02	9.71e+05	1.34e+03	7.3e+02
37	PCB-45/51	6.79e+05	1.72e+03	3.9e+02	8.41e+05	1.34e+03	6.3e+02
38	PCB-46	2.35e+05	1.72e+03	1.4e+02	3.37e+05	1.34e+03	2.5e+02
39	PCB-52	7.46e+06	1.72e+03	4.3e+03	9.56e+06	1.34e+03	7.2e+03
40	PCB-43/73	2.21e+05	1.72e+03	1.3e+02	2.73e+05	1.34e+03	2.0e+02
41	PCB-49/69	3.84e+06	1.72e+03	2.2e+03	5.02e+06	1.34e+03	3.8e+03
42	PCB-48	1.38e+06	1.72e+03	8.1e+02	1.83e+06	1.34e+03	1.4e+03
43	PCB-44/47/65	5.71e+06	1.72e+03	3.3e+03	7.45e+06	1.34e+03	5.6e+03
44	PCB-59/62/75	7.19e+05	1.72e+03	4.2e+02	9.28e+05	1.34e+03	6.9e+02
45	PCB-42	1.39e+06	1.72e+03	8.1e+02	1.79e+06	1.34e+03	1.3e+03
46	PCB-40/41/71	2.88e+06	1.72e+03	1.7e+03	3.67e+06	1.34e+03	2.7e+03
47	PCB-64	4.02e+06	1.72e+03	2.3e+03	5.23e+06	1.34e+03	3.9e+03

48	PCB-72	6.22e+04	1.72e+03	3.6e+01	7.83e+04	1.34e+03	5.9e+01
49	PCB-68	*	1.72e+03	*	*	1.34e+03	*
50	PCB-57	4.03e+04	1.72e+03	2.3e+01	5.80e+04	1.34e+03	4.3e+01
51	PCB-58	*	1.72e+03	*	*	1.34e+03	*
52	PCB-67	3.79e+05	1.72e+03	2.2e+02	4.81e+05	1.34e+03	3.6e+02
53	PCB-63	4.77e+05	1.72e+03	2.8e+02	6.19e+05	1.34e+03	4.6e+02
54	PCB-61/70/74/76	1.49e+07	1.72e+03	8.6e+03	1.92e+07	1.34e+03	1.4e+04
55	PCB-66	1.06e+07	1.72e+03	6.1e+03	1.36e+07	1.34e+03	1.0e+04
56	PCB-55	*	1.72e+03	*	*	1.34e+03	*
57	PCB-56	5.46e+06	5.53e+03	9.9e+02	6.93e+06	1.06e+04	6.6e+02
58	PCB-60	3.83e+06	5.53e+03	6.9e+02	4.68e+06	1.06e+04	4.4e+02
59	PCB-80	*	5.53e+03	*	*	1.06e+04	*
60	PCB-79	2.02e+05	5.53e+03	3.7e+01	2.54e+05	1.06e+04	2.4e+01
61	PCB-78	*	5.53e+03	*	*	1.06e+04	*
62	PCB-81	1.13e+05	5.53e+03	2.0e+01	1.39e+05	1.06e+04	1.3e+01
63	PCB-77	2.59e+06	5.53e+03	4.7e+02	3.18e+06	1.06e+04	3.0e+02
64	PCB-104	*	1.45e+03	*	*	1.62e+03	*
65	PCB-96	9.20e+04	1.45e+03	6.3e+01	6.40e+04	1.62e+03	4.0e+01
66	PCB-103	5.74e+04	1.45e+03	4.0e+01	3.91e+04	1.62e+03	2.4e+01
67	PCB-94	4.86e+04	1.45e+03	3.3e+01	3.37e+04	1.62e+03	2.1e+01
68	PCB-95	7.35e+06	1.45e+03	5.1e+03	4.69e+06	1.62e+03	2.9e+03
69	PCB-93/100	*	1.45e+03	*	*	1.62e+03	*
70	PCB-98/102	3.29e+05	1.45e+03	2.3e+02	2.04e+05	1.62e+03	1.3e+02
71	PCB-88/91	9.90e+05	1.45e+03	6.8e+02	6.43e+05	1.62e+03	4.0e+02
72	PCB-84	1.81e+06	1.45e+03	1.2e+03	1.13e+06	1.62e+03	7.0e+02
73	PCB-89	1.29e+05	1.45e+03	8.9e+01	8.48e+04	1.62e+03	5.2e+01
74	PCB-121	*	3.21e+03	*	*	8.84e+02	*
75	PCB-92	1.80e+06	3.21e+03	5.6e+02	1.15e+06	8.84e+02	1.3e+03
76	PCB-90/101/113	1.46e+07	3.21e+03	4.5e+03	9.30e+06	8.84e+02	1.1e+04
77	PCB-83/99	4.69e+06	3.21e+03	1.5e+03	3.00e+06	8.84e+02	3.4e+03
78	PCB-112	*	3.21e+03	*	*	8.84e+02	*
79	CB-86/87/97/109/119/125	4.83e+06	3.21e+03	1.5e+03	3.09e+06	8.84e+02	3.5e+03
80	PCB-117	3.58e+05	3.21e+03	1.1e+02	2.26e+05	8.84e+02	2.6e+02
81	PCB-85/116	2.09e+06	3.21e+03	6.5e+02	1.35e+06	8.84e+02	1.5e+03
82	PCB-110/115	1.72e+07	3.21e+03	5.3e+03	1.10e+07	8.84e+02	1.2e+04
83	PCB-82	1.17e+06	3.21e+03	3.6e+02	7.67e+05	8.84e+02	8.7e+02
84	PCB-111	*	3.21e+03	*	*	8.84e+02	*
85	PCB-120	1.27e+05	3.21e+03	4.0e+01	8.01e+04	8.84e+02	9.1e+01
86	PCB-108/124	8.38e+05	3.19e+04	2.6e+01	5.36e+05	1.57e+04	3.4e+01
87	PCB-107	1.52e+06	3.19e+04	4.8e+01	9.89e+05	1.57e+04	6.3e+01
88	PCB-123	4.16e+05	3.19e+04	1.3e+01	2.71e+05	1.57e+04	1.7e+01
89	PCB-106	*	3.19e+04	*	*	1.57e+04	*
90	PCB-118	1.96e+07	3.19e+04	6.1e+02	1.24e+07	1.57e+04	7.9e+02
91	PCB-122	2.52e+05	3.19e+04	7.9e+00	1.49e+05	1.57e+04	9.5e+00
92	PCB-114	6.07e+05	3.19e+04	1.9e+01	3.90e+05	1.57e+04	2.5e+01
93	PCB-105	9.09e+06	3.19e+04	2.9e+02	5.85e+06	1.57e+04	3.7e+02
94	PCB-127	*	3.19e+04	*	*	1.57e+04	*
95	PCB-126	5.89e+05	3.19e+04	1.8e+01	3.79e+05	1.57e+04	2.4e+01
96	PCB-155	*	1.69e+03	*	*	1.67e+03	*
97	PCB-152	2.02e+04	1.69e+03	1.2e+01	1.99e+04	1.67e+03	1.2e+01
98	PCB-150	6.68e+04	1.69e+03	4.0e+01	5.05e+04	1.67e+03	3.0e+01
99	PCB-136	3.09e+06	1.69e+03	1.8e+03	2.47e+06	1.67e+03	1.5e+03
100	PCB-145	*	1.69e+03	*	*	1.67e+03	*
101	PCB-148	2.20e+04	1.69e+03	1.3e+01	1.70e+04	1.67e+03	1.0e+01
102	PCB-135/151	5.75e+06	1.69e+03	3.4e+03	4.64e+06	1.67e+03	2.8e+03
103	PCB-154	2.47e+05	1.69e+03	1.5e+02	2.18e+05	1.67e+03	1.3e+02
104	PCB-144	1.23e+06	1.69e+03	7.3e+02	1.01e+06	1.67e+03	6.1e+02

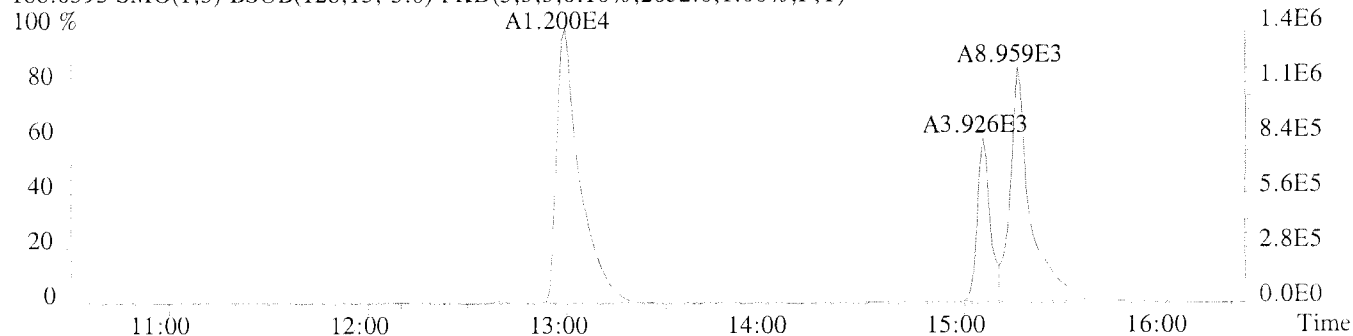
105	PCB-147/149	2.09e+07	6.31e+03	3.3e+03	1.67e+07	5.44e+03	3.1e+03
106	PCB-134	8.81e+05	6.31e+03	1.4e+02	7.04e+05	5.44e+03	1.3e+02
107	PCB-143	*	6.31e+03	*	*	5.44e+03	*
108	PCB-139/140	2.16e+05	6.31e+03	3.4e+01	1.73e+05	5.44e+03	3.2e+01
109	PCB-131	1.82e+05	6.31e+03	2.9e+01	1.53e+05	5.44e+03	2.8e+01
110	PCB-142	*	6.31e+03	*	*	5.44e+03	*
111	PCB-132	6.43e+06	6.31e+03	1.0e+03	5.11e+06	5.44e+03	9.4e+02
112	PCB-133	2.99e+05	6.31e+03	4.7e+01	2.48e+05	5.44e+03	4.6e+01
113	PCB-165	*	6.31e+03	*	*	5.44e+03	*
114	PCB-146	4.31e+06	6.31e+03	6.8e+02	3.51e+06	5.44e+03	6.5e+02
115	PCB-161	*	6.31e+03	*	*	5.44e+03	*
116	PCB-153/168	3.18e+07	6.31e+03	5.0e+03	2.54e+07	5.44e+03	4.7e+03
117	PCB-141	5.06e+06	6.31e+03	8.0e+02	4.02e+06	5.44e+03	7.4e+02
118	PCB-130	1.16e+06	6.31e+03	1.8e+02	9.25e+05	5.44e+03	1.7e+02
119	PCB-137	5.60e+05	6.31e+03	8.9e+01	4.28e+05	5.44e+03	7.9e+01
120	PCB-164	2.62e+06	6.31e+03	4.2e+02	2.09e+06	5.44e+03	3.8e+02
121	PCB-129/138/163	2.96e+07	6.31e+03	4.7e+03	2.39e+07	5.44e+03	4.4e+03
122	PCB-160	*	6.31e+03	*	*	5.44e+03	*
123	PCB-158	4.07e+06	6.31e+03	6.5e+02	3.28e+06	5.44e+03	6.0e+02
124	PCB-128/166	2.96e+06	6.31e+03	4.7e+02	2.37e+06	5.44e+03	4.4e+02
125	PCB-159	5.28e+05	5.62e+03	9.4e+01	4.19e+05	2.86e+03	1.5e+02
126	PCB-162	1.93e+05	5.62e+03	3.4e+01	1.55e+05	2.86e+03	5.4e+01
127	PCB-167	1.88e+06	5.62e+03	3.4e+02	1.45e+06	2.86e+03	5.1e+02
128	PCB-156/157	3.47e+06	5.62e+03	6.2e+02	2.81e+06	2.86e+03	9.8e+02
129	PCB-169	1.18e+05	5.62e+03	2.1e+01	9.16e+04	2.86e+03	3.2e+01
130	PCB-188	3.20e+04	1.47e+03	2.2e+01	3.00e+04	1.54e+03	1.9e+01
131	PCB-179	4.13e+06	1.47e+03	2.8e+03	4.01e+06	1.54e+03	2.6e+03
132	PCB-184	*	1.47e+03	*	*	1.54e+03	*
133	PCB-176	1.21e+06	1.47e+03	8.2e+02	1.16e+06	1.54e+03	7.5e+02
134	PCB-186	*	1.47e+03	*	*	1.54e+03	*
135	PCB-178	1.78e+06	1.47e+03	1.2e+03	1.72e+06	1.54e+03	1.1e+03
136	PCB-175	4.60e+05	1.47e+03	3.1e+02	4.39e+05	1.54e+03	2.8e+02
137	PCB-187	1.23e+07	1.47e+03	8.4e+03	1.19e+07	1.54e+03	7.7e+03
138	PCB-182	7.22e+04	1.47e+03	4.9e+01	6.62e+04	1.54e+03	4.3e+01
139	PCB-183	6.64e+06	1.35e+04	4.9e+02	6.70e+06	1.29e+03	5.2e+03
140	PCB-185	1.18e+06	1.35e+04	8.8e+01	1.35e+06	1.29e+03	1.0e+03
141	PCB-174	9.70e+06	1.35e+04	7.2e+02	9.98e+06	1.29e+03	7.7e+03
142	PCB-177	5.66e+06	1.35e+04	4.2e+02	5.65e+06	1.29e+03	4.4e+03
143	PCB-181	*	1.35e+04	*	*	1.29e+03	*
144	PCB-171/173	2.85e+06	1.35e+04	2.1e+02	2.88e+06	1.29e+03	2.2e+03
145	PCB-172	1.86e+06	1.35e+04	1.4e+02	1.83e+06	1.29e+03	1.4e+03
146	PCB-192	*	1.35e+04	*	*	1.29e+03	*
147	PCB-180/193	2.88e+07	1.35e+04	2.1e+03	2.92e+07	1.29e+03	2.3e+04
148	PCB-191	7.58e+05	1.35e+04	5.6e+01	7.28e+05	1.29e+03	5.6e+02
149	PCB-170	1.01e+07	1.35e+04	7.5e+02	1.02e+07	1.29e+03	7.9e+03
150	PCB-190	2.96e+06	1.35e+04	2.2e+02	2.96e+06	1.29e+03	2.3e+03
151	PCB-189	5.22e+05	1.35e+04	3.9e+01	5.31e+05	1.29e+03	4.1e+02
152	PCB-202	7.89e+05	1.86e+03	4.3e+02	9.05e+05	2.02e+03	4.5e+02
153	PCB-201	6.61e+05	1.86e+03	3.6e+02	7.62e+05	2.02e+03	3.8e+02
154	PCB-204	*	1.86e+03	*	*	2.02e+03	*
155	PCB-197	2.10e+05	1.86e+03	1.1e+02	2.41e+05	2.02e+03	1.2e+02
156	PCB-200	6.23e+05	1.86e+03	3.4e+02	7.20e+05	2.02e+03	3.6e+02
157	PCB-198/199	4.68e+06	1.86e+03	2.5e+03	5.31e+06	2.02e+03	2.6e+03
158	PCB-196	2.49e+06	1.86e+03	1.3e+03	2.86e+06	2.02e+03	1.4e+03
159	PCB-203	3.04e+06	1.86e+03	1.6e+03	3.44e+06	2.02e+03	1.7e+03
160	PCB-195	1.94e+06	1.86e+03	1.0e+03	2.26e+06	2.02e+03	1.1e+03
161	PCB-194	5.17e+06	1.86e+03	2.8e+03	5.90e+06	2.02e+03	2.9e+03
162	PCB-205	3.71e+05	1.86e+03	2.0e+02	4.22e+05	2.02e+03	2.1e+02

163	PCB-208	1.92e+05	1.04e+03	1.8e+02	2.39e+05	1.31e+03	1.8e+02
164	PCB-207	1.44e+05	1.04e+03	1.4e+02	1.76e+05	1.31e+03	1.3e+02
165	PCB-206	1.29e+06	8.20e+02	1.6e+03	1.71e+06	1.54e+03	1.1e+03
166	PCB-209	2.22e+05	8.96e+02	2.5e+02	1.78e+05	7.52e+02	2.4e+02
167	PCB-11L	3.50e+06	2.36e+03	1.5e+03	1.14e+06	3.00e+04	3.8e+01
168	PCB-3L	4.37e+06	2.36e+03	1.8e+03	1.45e+06	3.00e+04	4.8e+01
169	PCB-4L	1.33e+06	3.82e+03	3.5e+02	8.45e+05	2.55e+03	3.3e+02
170	PCB-15L	5.66e+06	5.16e+03	1.1e+03	3.55e+06	2.85e+03	1.2e+03
171	PCB-19L	2.74e+06	5.22e+04	5.2e+01	2.63e+06	5.19e+04	5.1e+01
172	PCB-37L	3.76e+06	1.38e+04	2.7e+02	3.65e+06	1.54e+04	2.4e+02
173	PCB-54L	2.54e+06	4.45e+03	5.7e+02	3.10e+06	1.74e+03	1.8e+03
174	PCB-81L	2.67e+06	2.72e+03	9.8e+02	3.34e+06	1.04e+03	3.2e+03
175	PCB-77L	2.60e+06	2.72e+03	9.6e+02	3.43e+06	1.04e+03	3.3e+03
176	PCB-104L	3.28e+06	1.54e+03	2.1e+03	2.08e+06	1.34e+03	1.6e+03
177	PCB-123L	3.62e+06	3.48e+03	1.0e+03	2.34e+06	3.78e+03	6.2e+02
178	PCB-118L	3.71e+06	3.48e+03	1.1e+03	2.41e+06	3.78e+03	6.4e+02
179	PCB-114L	3.75e+06	3.48e+03	1.1e+03	2.44e+06	3.78e+03	6.5e+02
180	PCB-105L	3.44e+06	3.48e+03	9.9e+02	2.20e+06	3.78e+03	5.8e+02
181	PCB-126L	3.93e+06	3.48e+03	1.1e+03	2.51e+06	3.78e+03	6.6e+02
182	PCB-155L	3.13e+06	1.35e+03	2.3e+03	2.47e+06	1.00e+03	2.5e+03
183	PCB-167L	3.14e+06	1.67e+03	1.9e+03	2.60e+06	1.10e+03	2.4e+03
184	PCB-156/157L	4.42e+06	1.67e+03	2.7e+03	3.61e+06	1.10e+03	3.3e+03
185	PCB-169L	2.92e+06	1.67e+03	1.8e+03	2.29e+06	1.10e+03	2.1e+03
186	PCB-188L	2.57e+06	1.48e+03	1.7e+03	2.46e+06	1.80e+03	1.4e+03
187	PCB-189L	2.55e+06	1.38e+03	1.8e+03	2.46e+06	1.21e+03	2.0e+03
188	PCB-202L	2.13e+06	1.65e+03	1.3e+03	2.38e+06	1.72e+03	1.4e+03
189	PCB-205L	2.15e+06	1.65e+03	1.3e+03	2.39e+06	1.72e+03	1.4e+03
190	PCB-208L	1.73e+06	1.36e+03	1.3e+03	2.15e+06	1.20e+03	1.8e+03
191	PCB-206L	1.73e+06	1.12e+03	1.5e+03	2.19e+06	1.37e+03	1.6e+03
192	PCB-209L	2.35e+06	8.68e+02	2.7e+03	2.01e+06	8.92e+02	2.3e+03
193	PCB-28L	4.81e+06	1.38e+04	3.5e+02	4.64e+06	1.54e+04	3.0e+02
194	PCB-111L	3.37e+06	1.32e+03	2.5e+03	2.12e+06	9.64e+02	2.2e+03
195	PCB-178L	1.97e+06	1.48e+03	1.3e+03	1.84e+06	1.80e+03	1.0e+03
196	PCB-9L	1.04e+07	5.16e+03	2.0e+03	6.79e+06	2.85e+03	2.4e+03
197	PCB-52L	3.38e+06	2.48e+03	1.4e+03	4.23e+06	2.02e+03	2.1e+03
198	PCB-101L	4.00e+06	1.32e+03	3.0e+03	2.46e+06	9.64e+02	2.6e+03
199	PCB-138L	4.06e+06	1.43e+03	2.8e+03	3.19e+06	1.27e+03	2.5e+03
200	PCB-194L	2.28e+06	1.65e+03	1.4e+03	2.54e+06	1.72e+03	1.5e+03

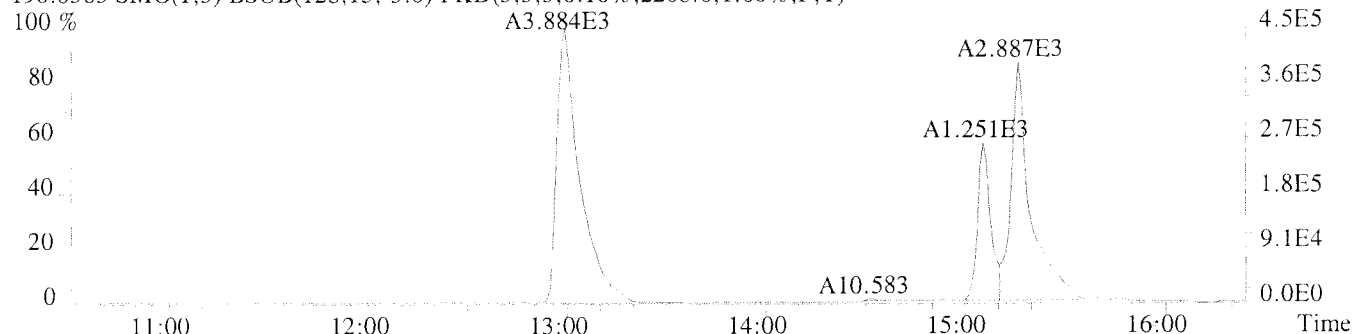
File:U224752 #1-379 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-003 USENN/S022

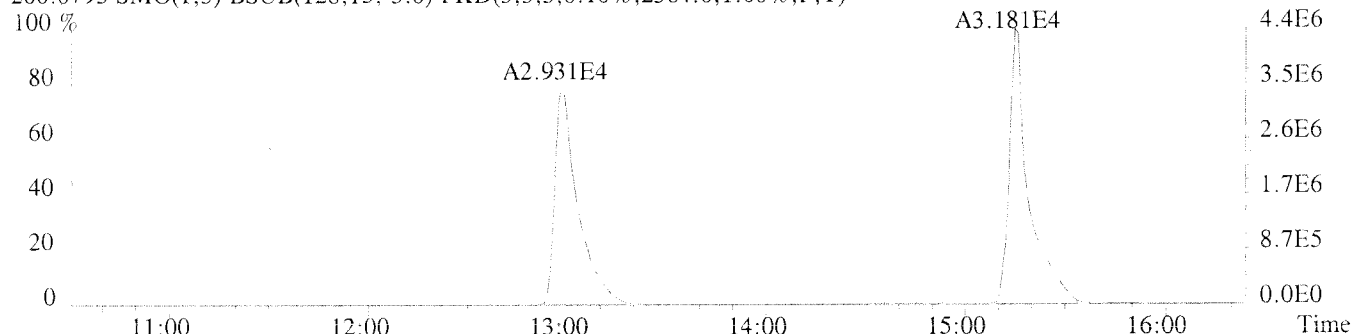
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2652.0,1.00%,F,T)



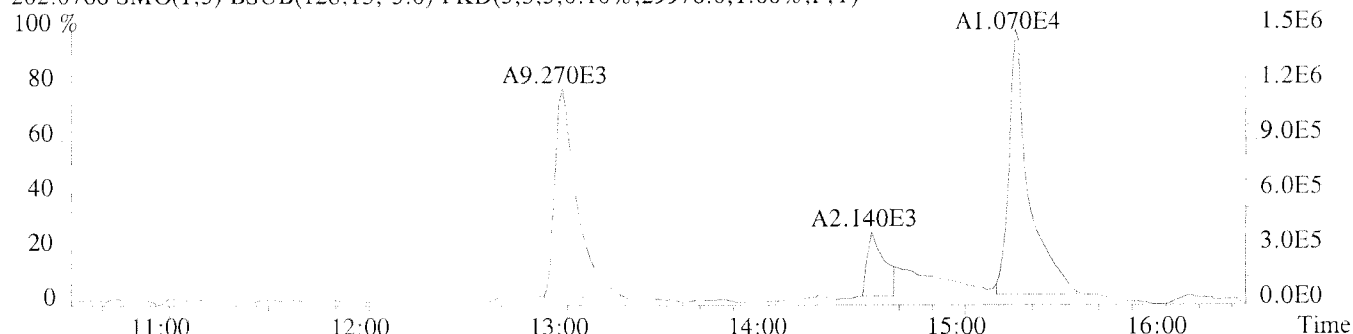
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2208.0,1.00%,F,T)



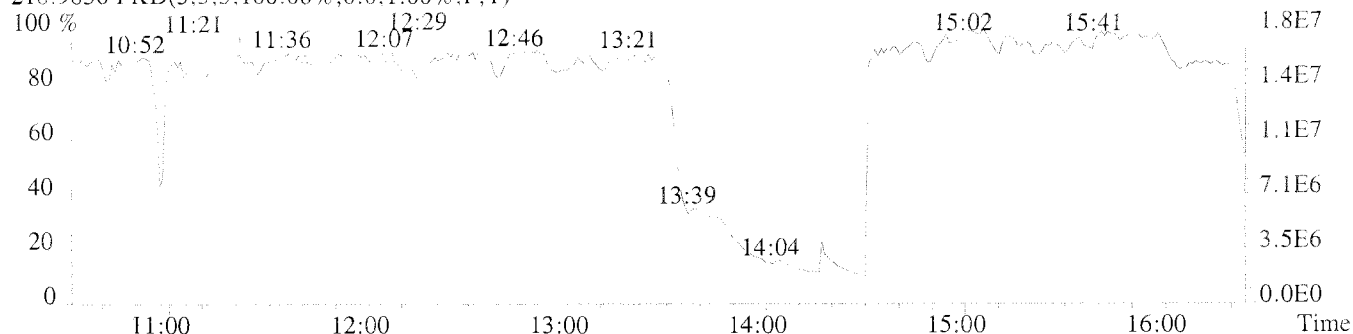
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2364.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,29976.0,1.00%,F,T)

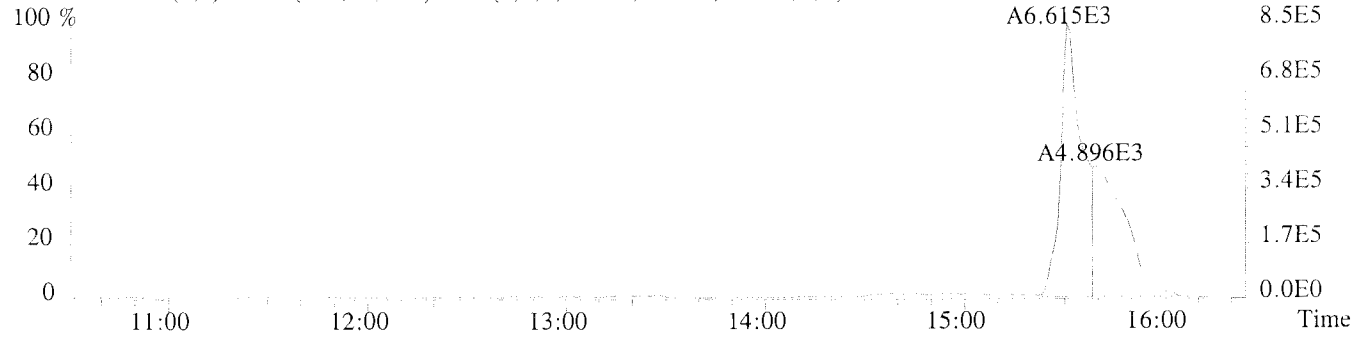


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

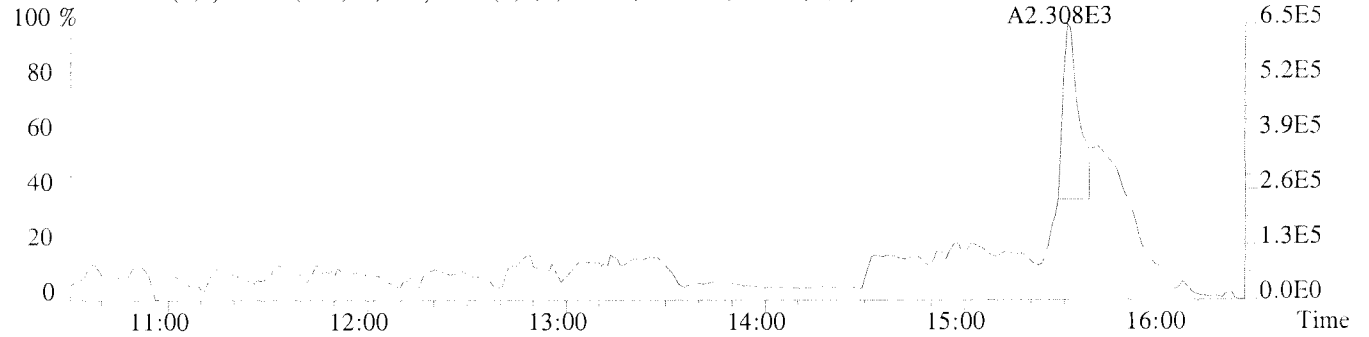


File:U224752 #1-379 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-003 USENN/S022

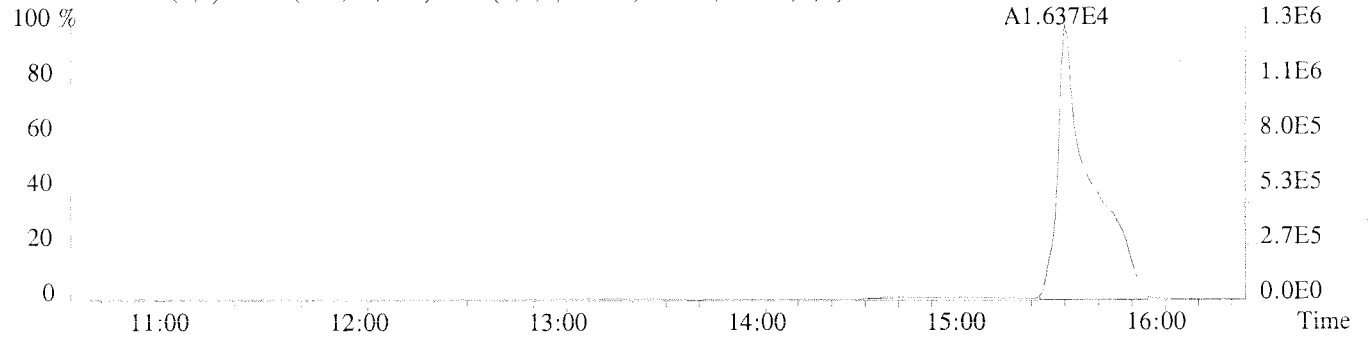
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6692.0,1.00%,F,T)



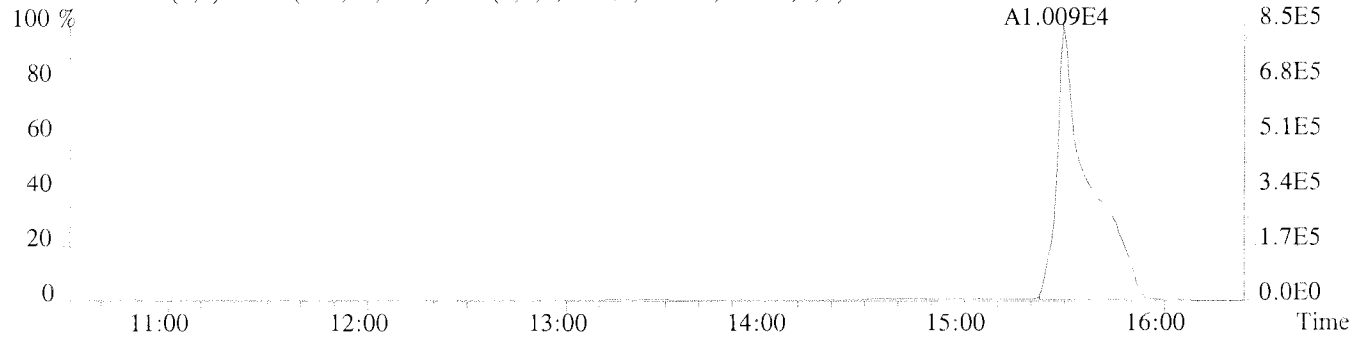
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,70024.0,1.00%,F,T)



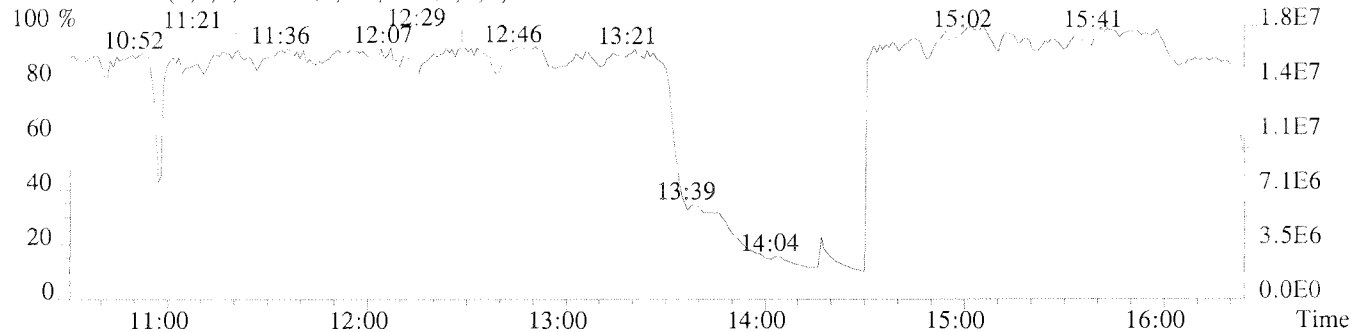
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3816.0,1.00%,F,T)



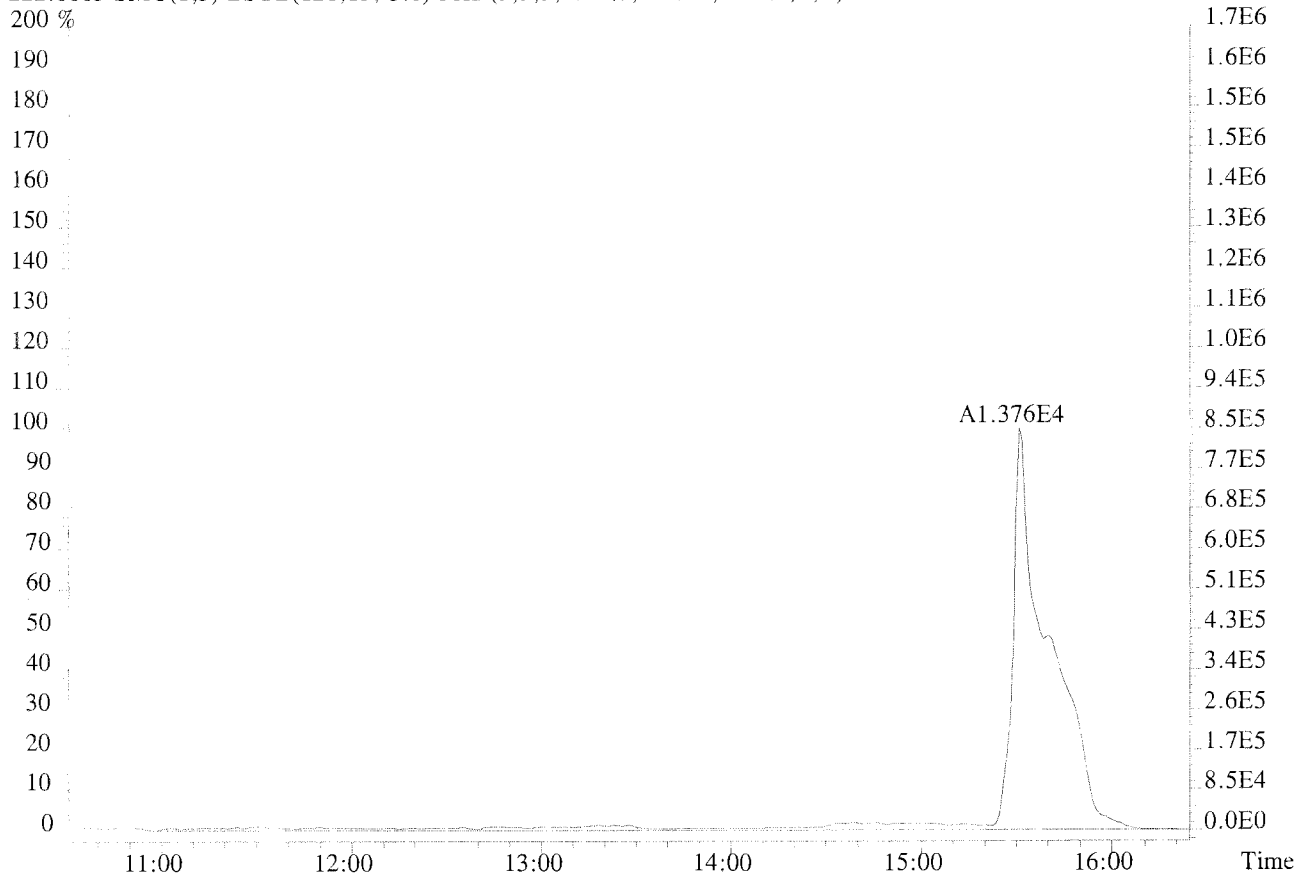
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2552.0,1.00%,F,T)



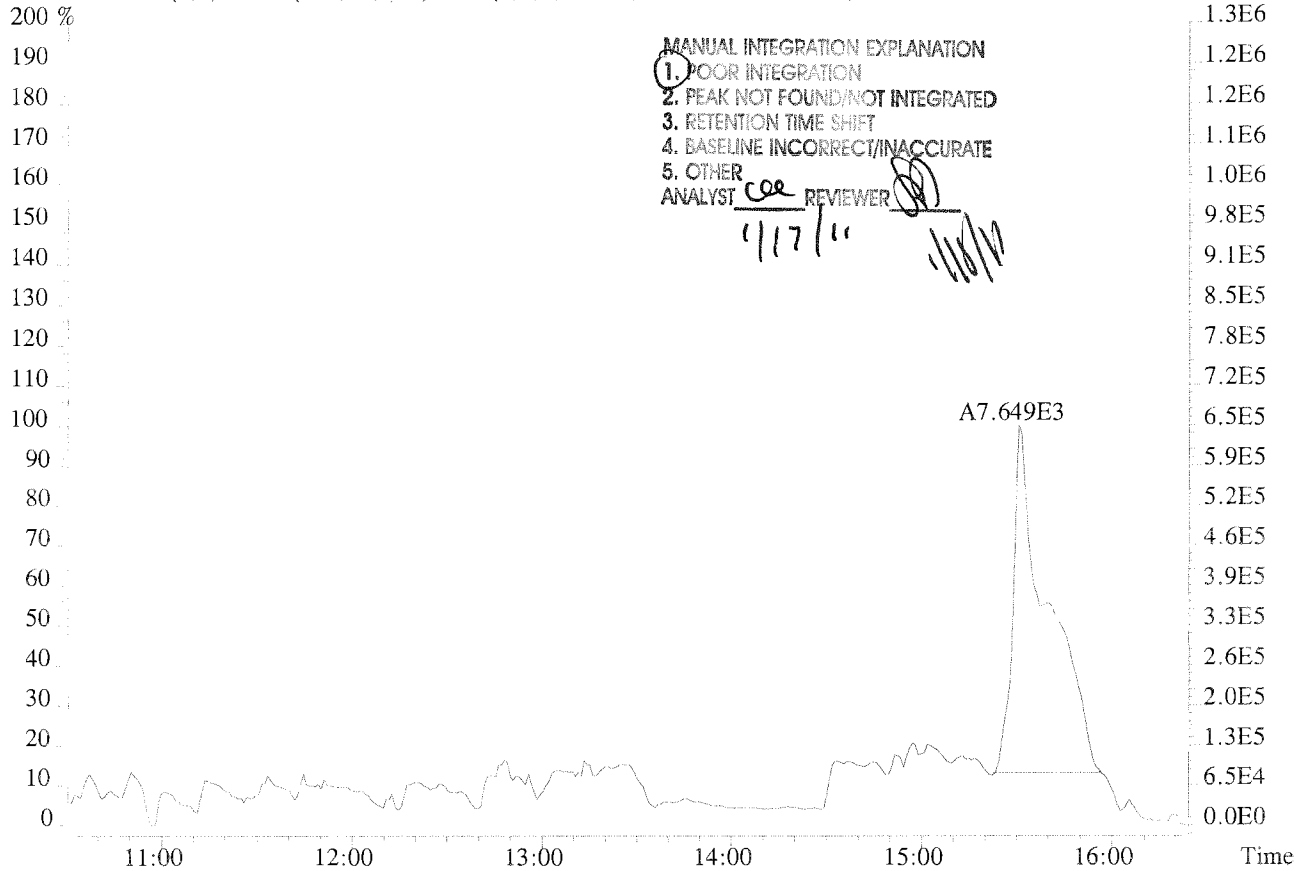
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224752 #1-379 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-003 USENN/S022
 222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6692.0,1.00%,F,T)
 200 %

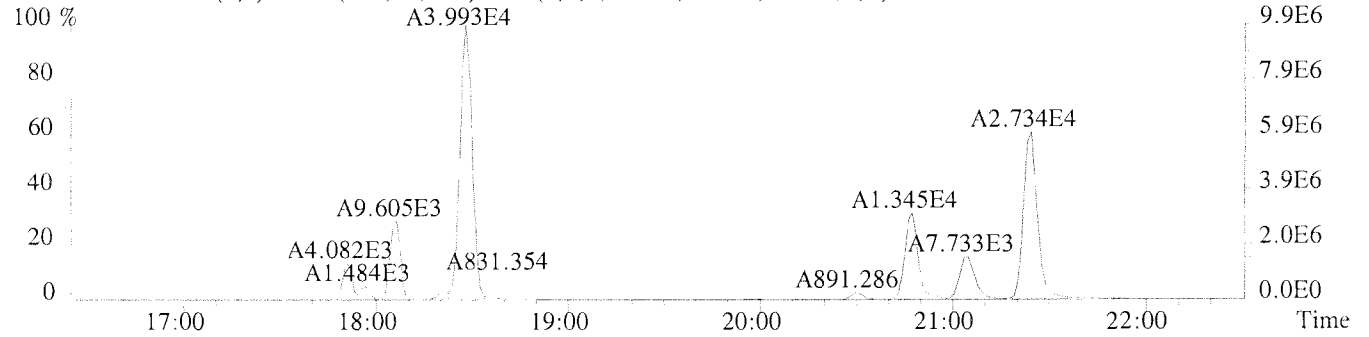


223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,70024.0,1.00%,F,T)

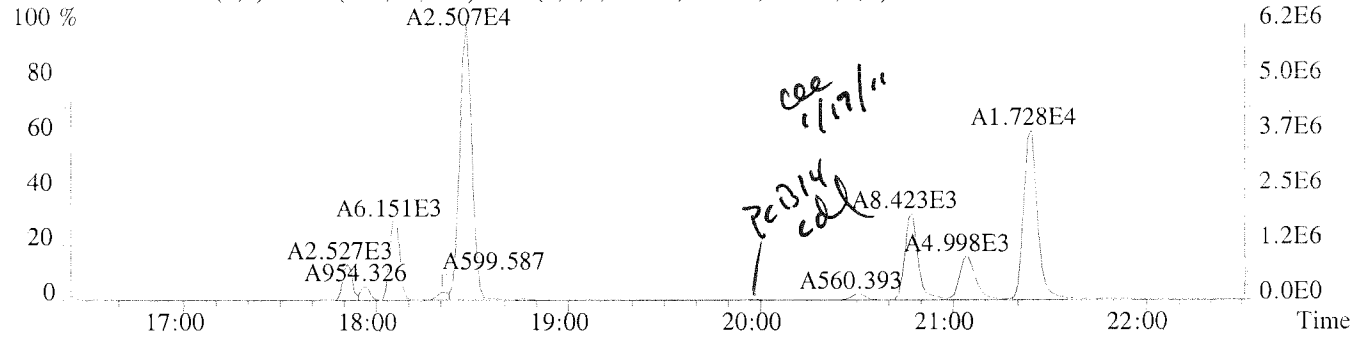


File:U224752 #1-337 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-003 USENN/S022

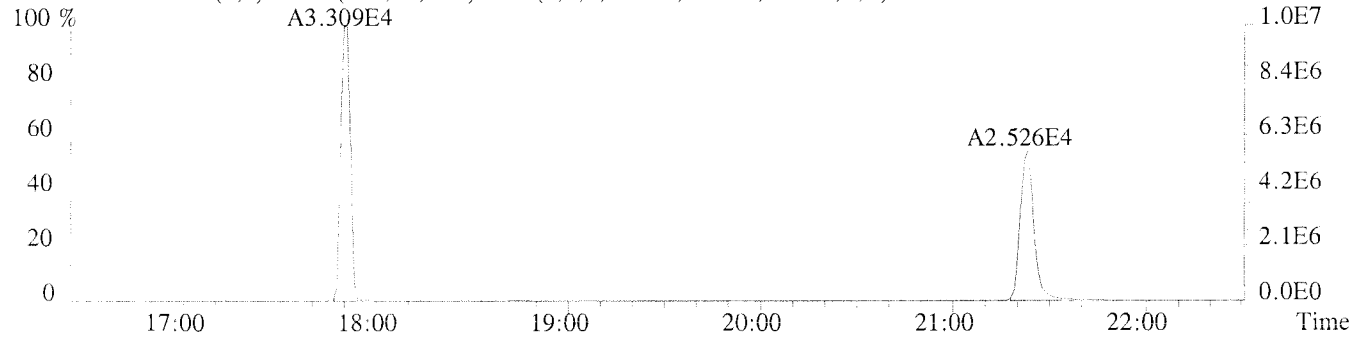
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1052.0,1.00%,F,T)



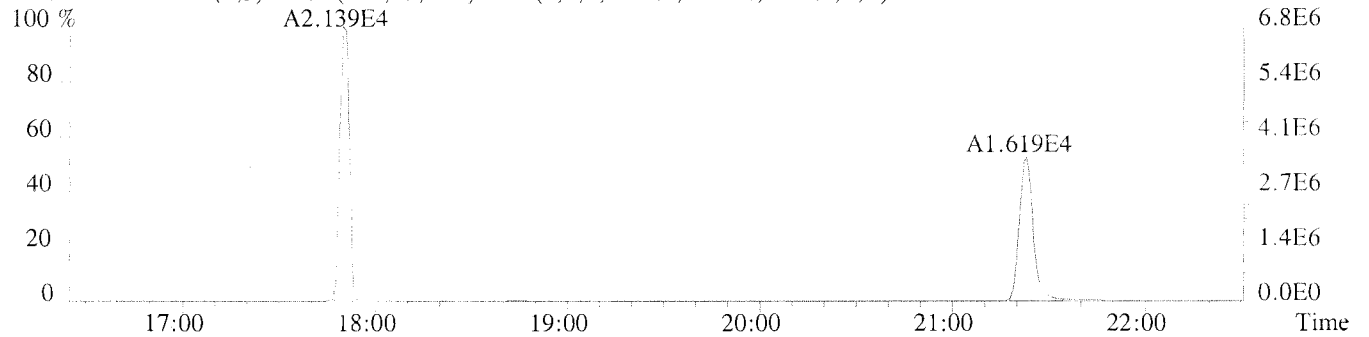
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4896.0,1.00%,F,T)



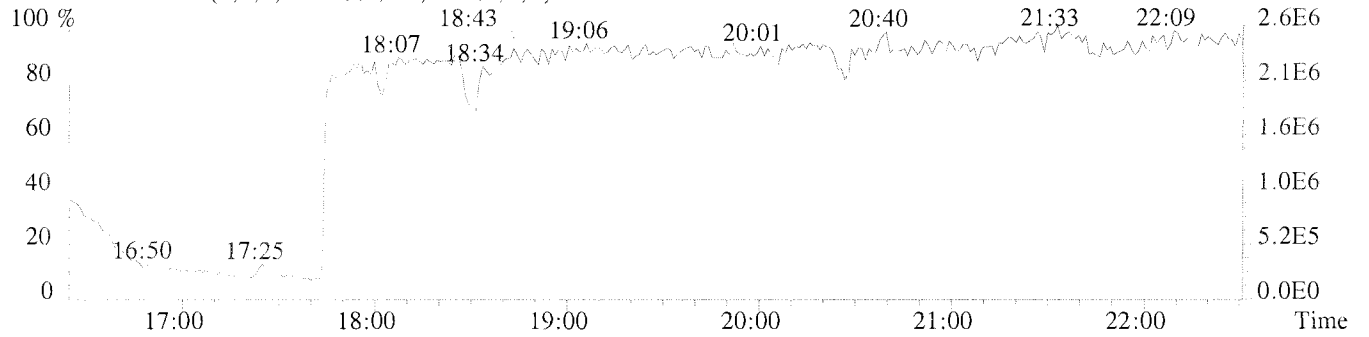
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5156.0,1.00%,F,T)



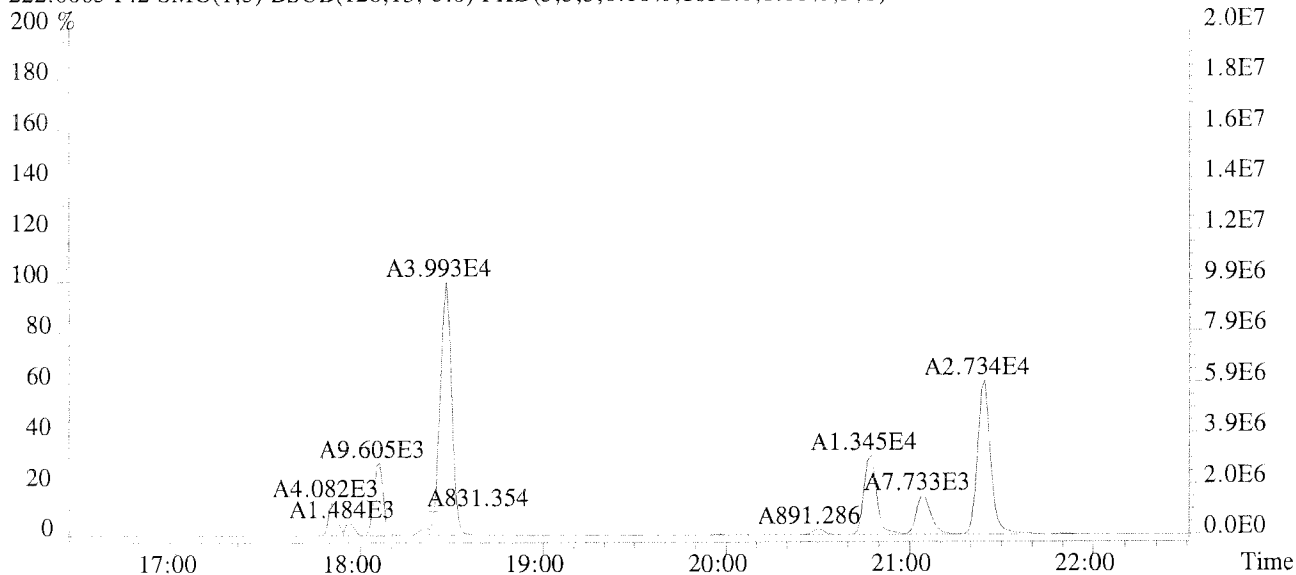
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2848.0,1.00%,F,T)



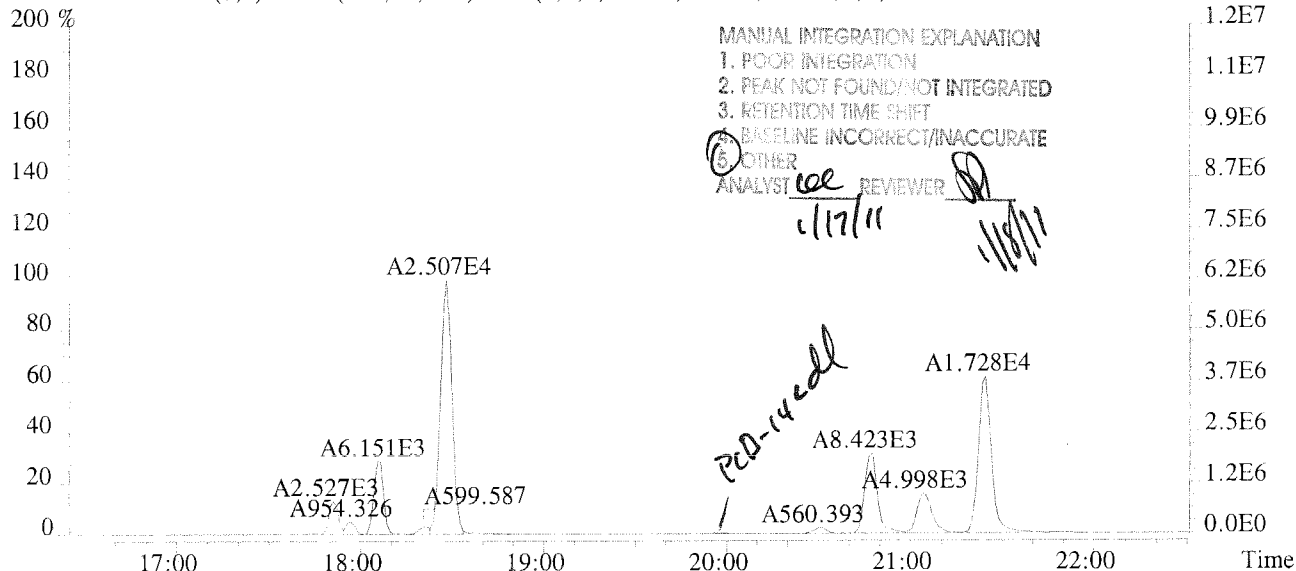
242.9856 F:2 PKD(3,3,3,100.00%.0.0,1.00%,F,T)



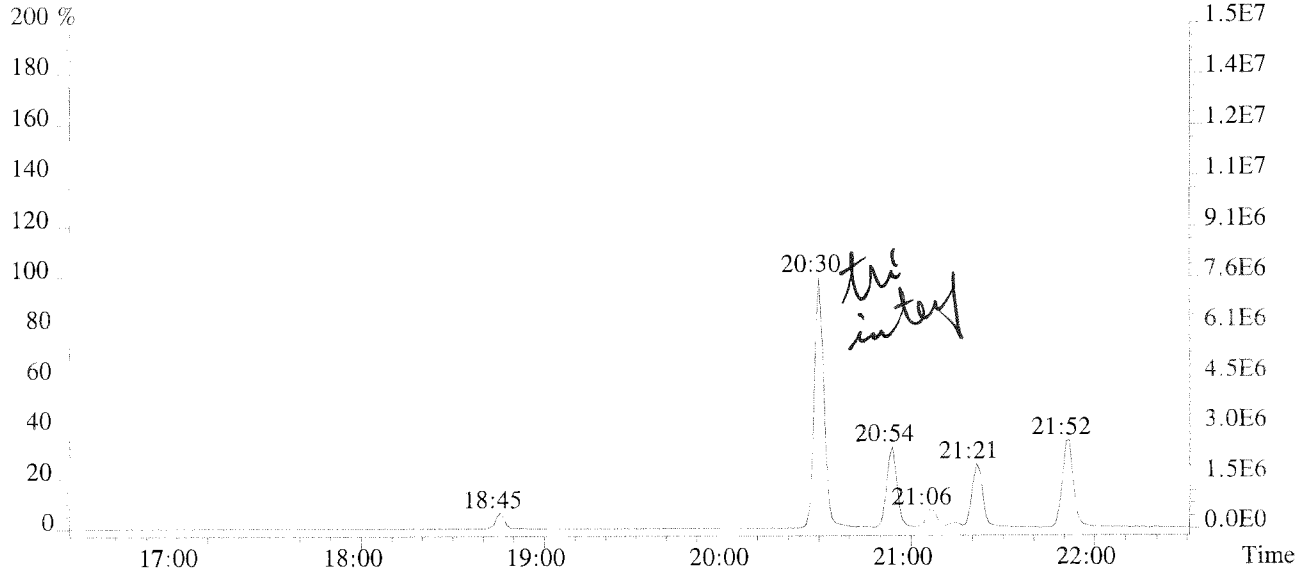
File:U224752 #1-337 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-003 USENN/S022
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1052.0,1.00%,F,T)



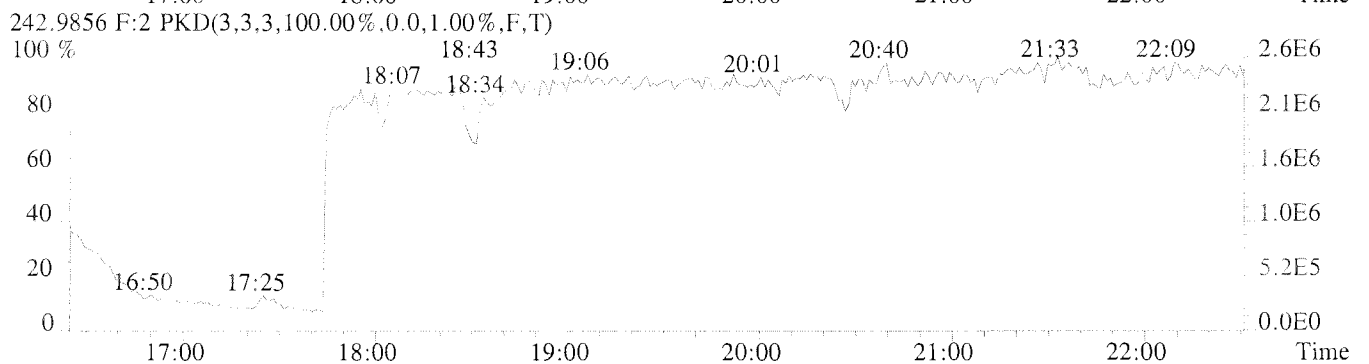
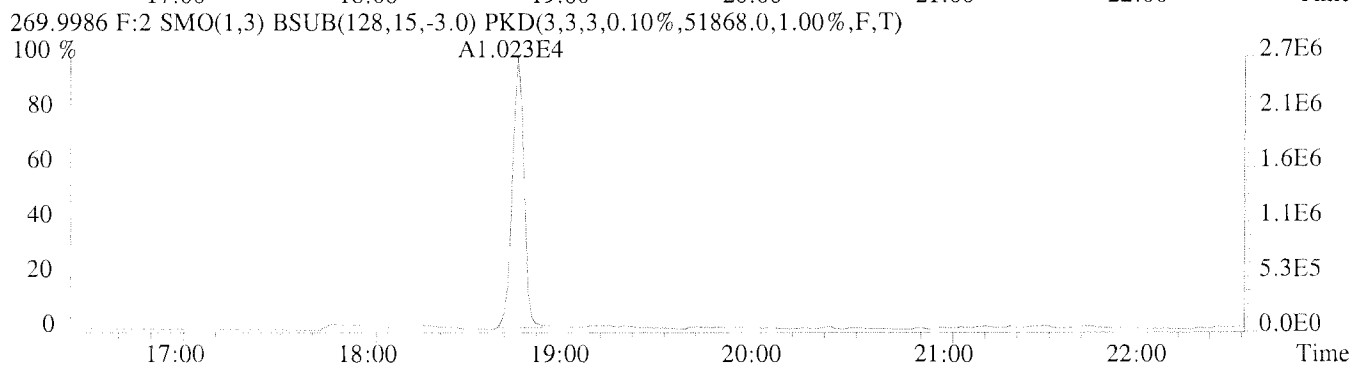
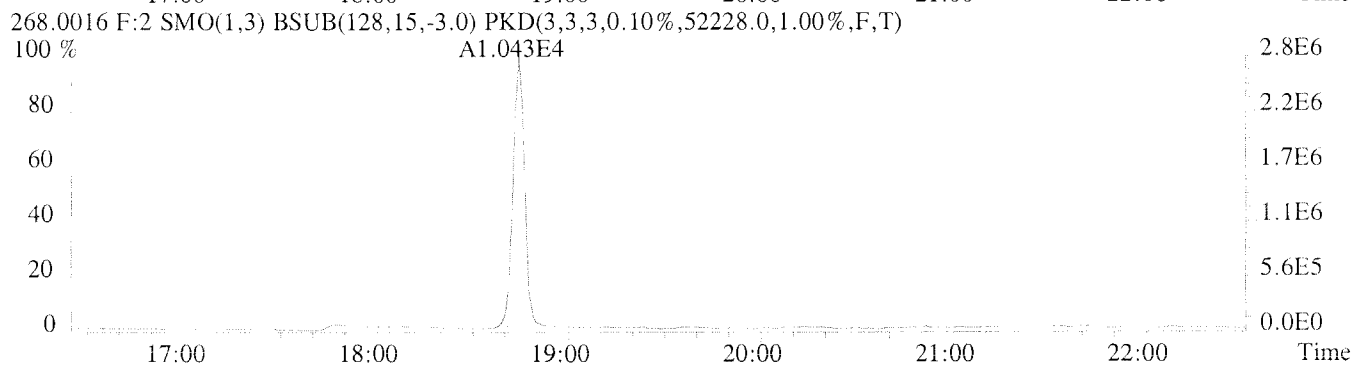
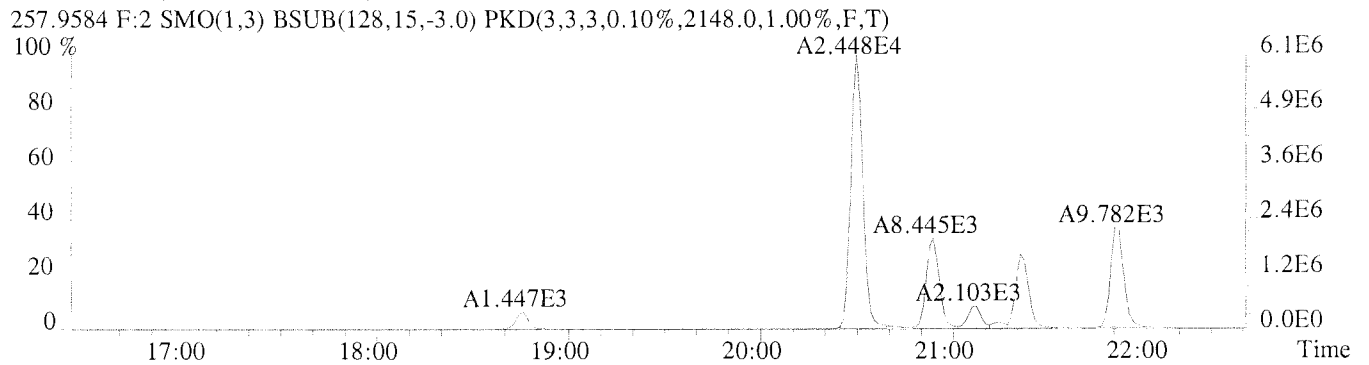
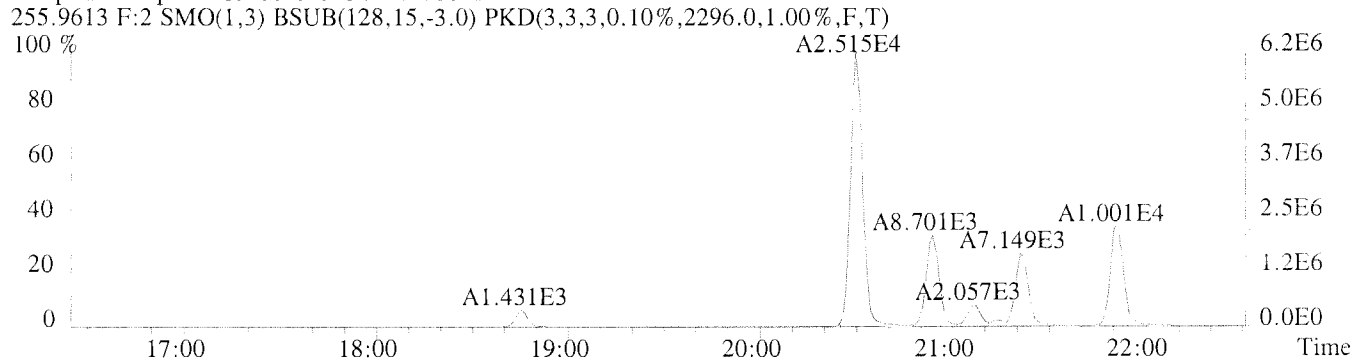
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4896.0,1.00%,F,T)



255.9613 F:2



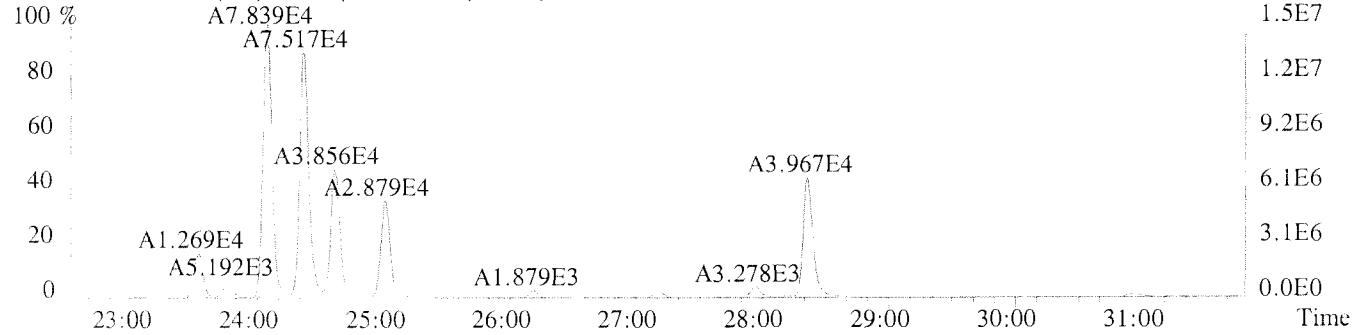
File:U224752 #1-337 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-003 USENN/S022



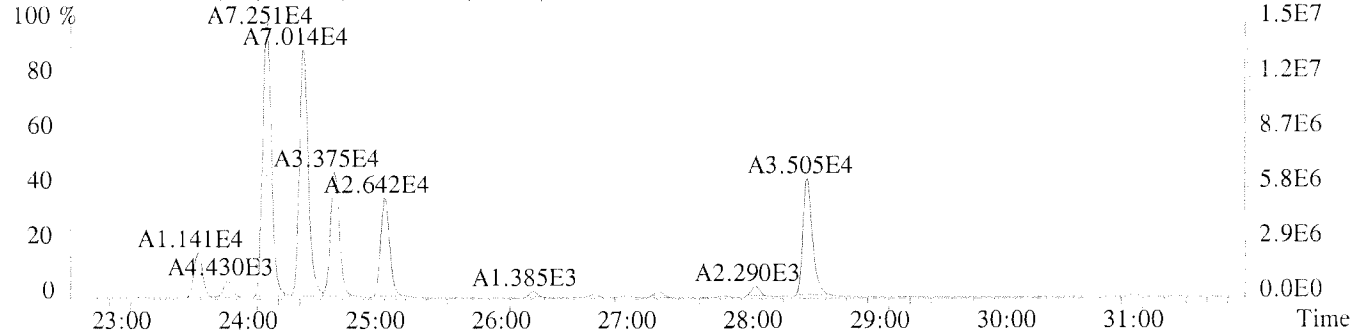
File:U224752 #1-594 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-003 USENN/S022

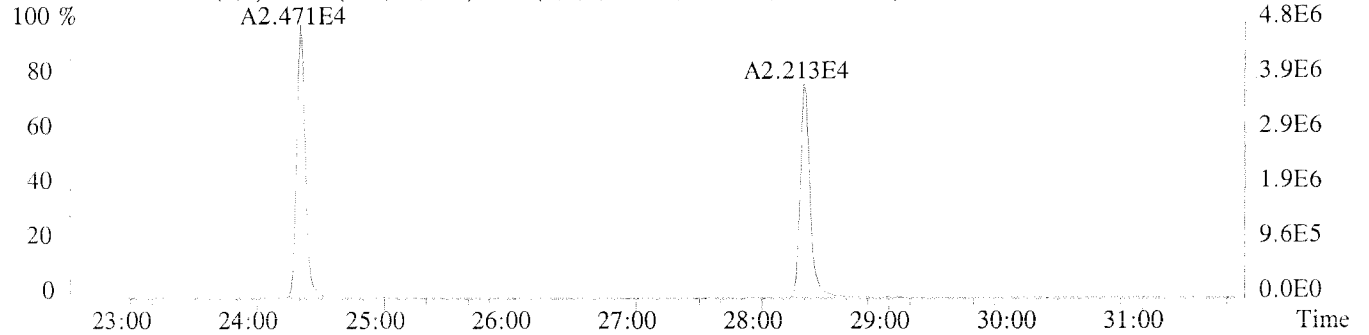
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2976.0,1.00%,F,T)



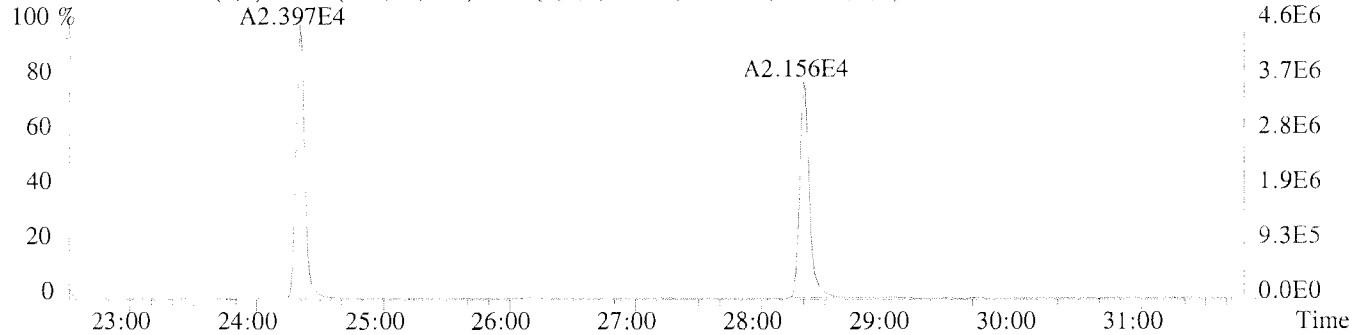
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,142240.0,1.00%,F,T)



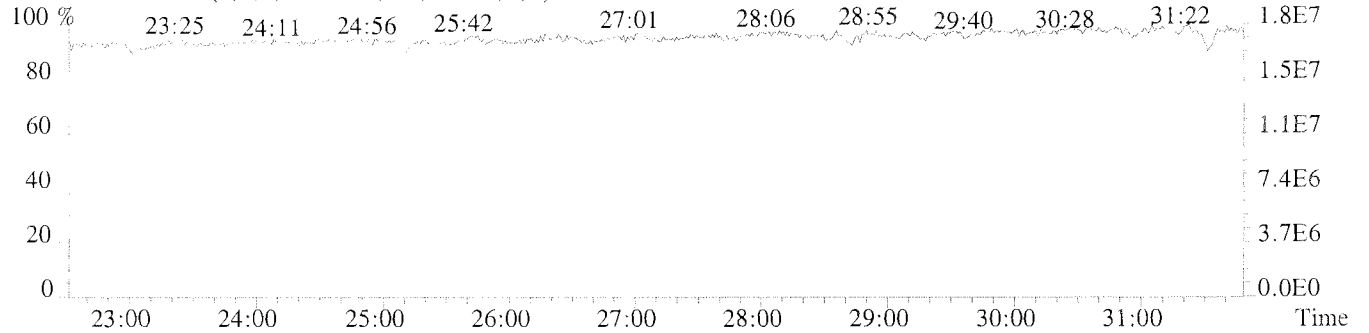
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13768.0,1.00%,F,T)



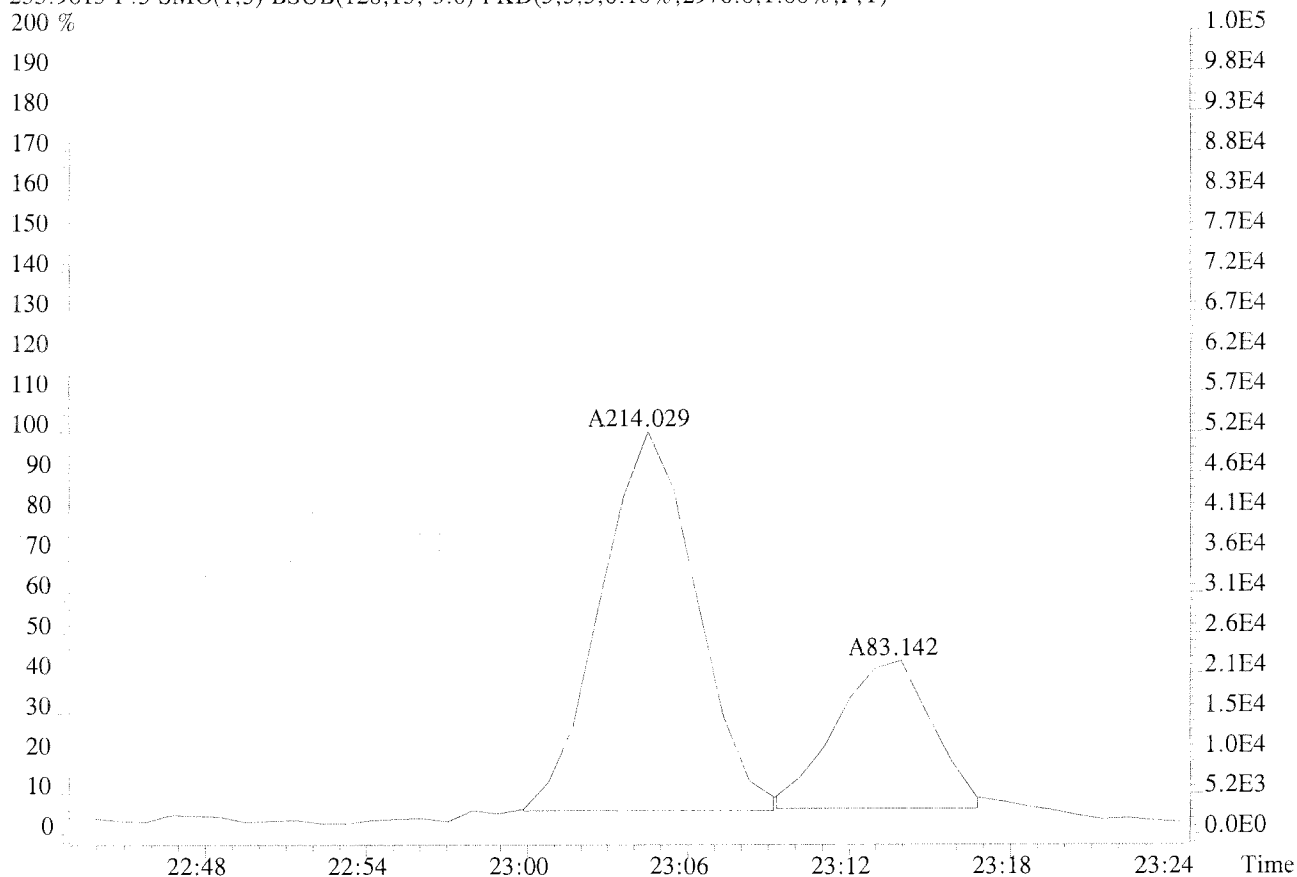
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15384.0,1.00%,F,T)



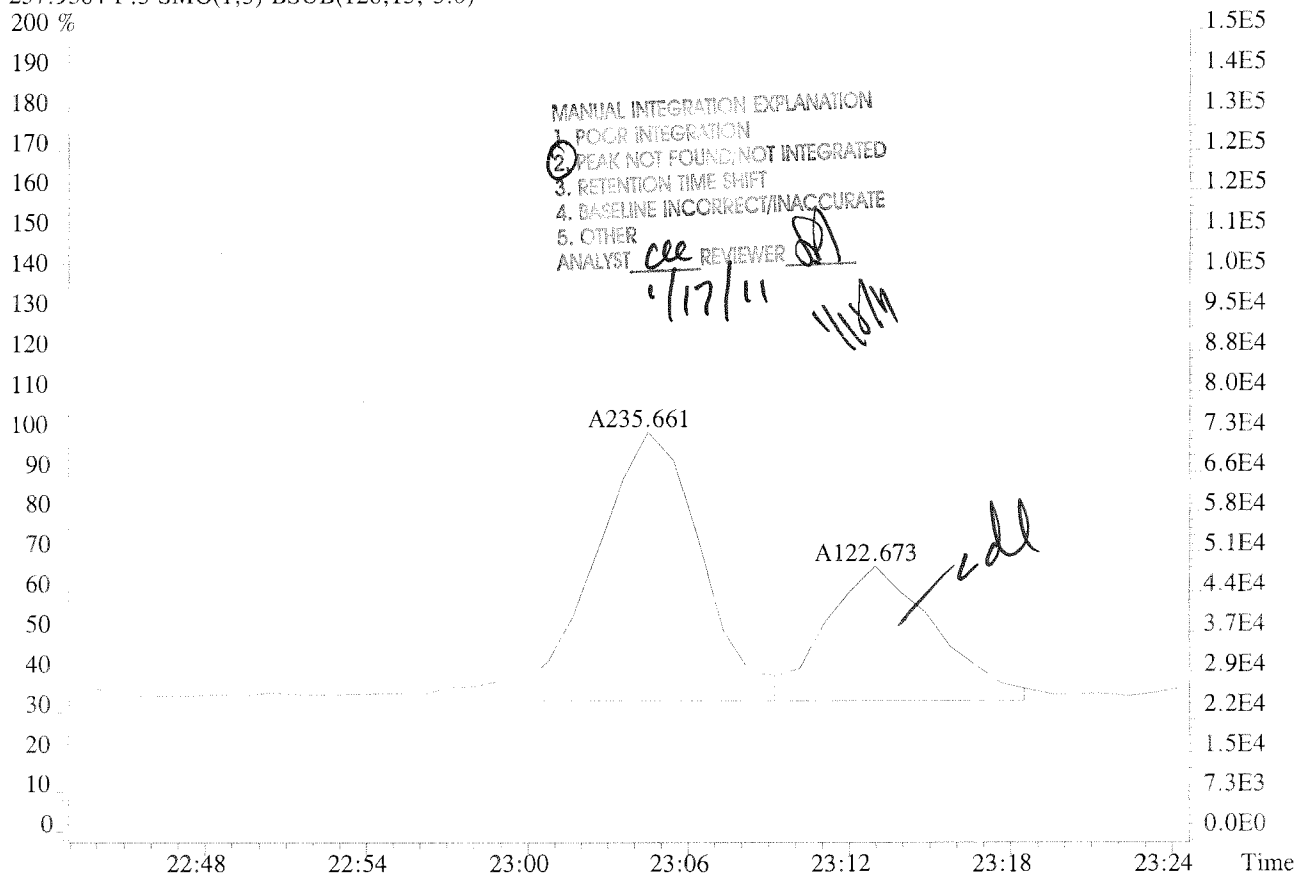
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



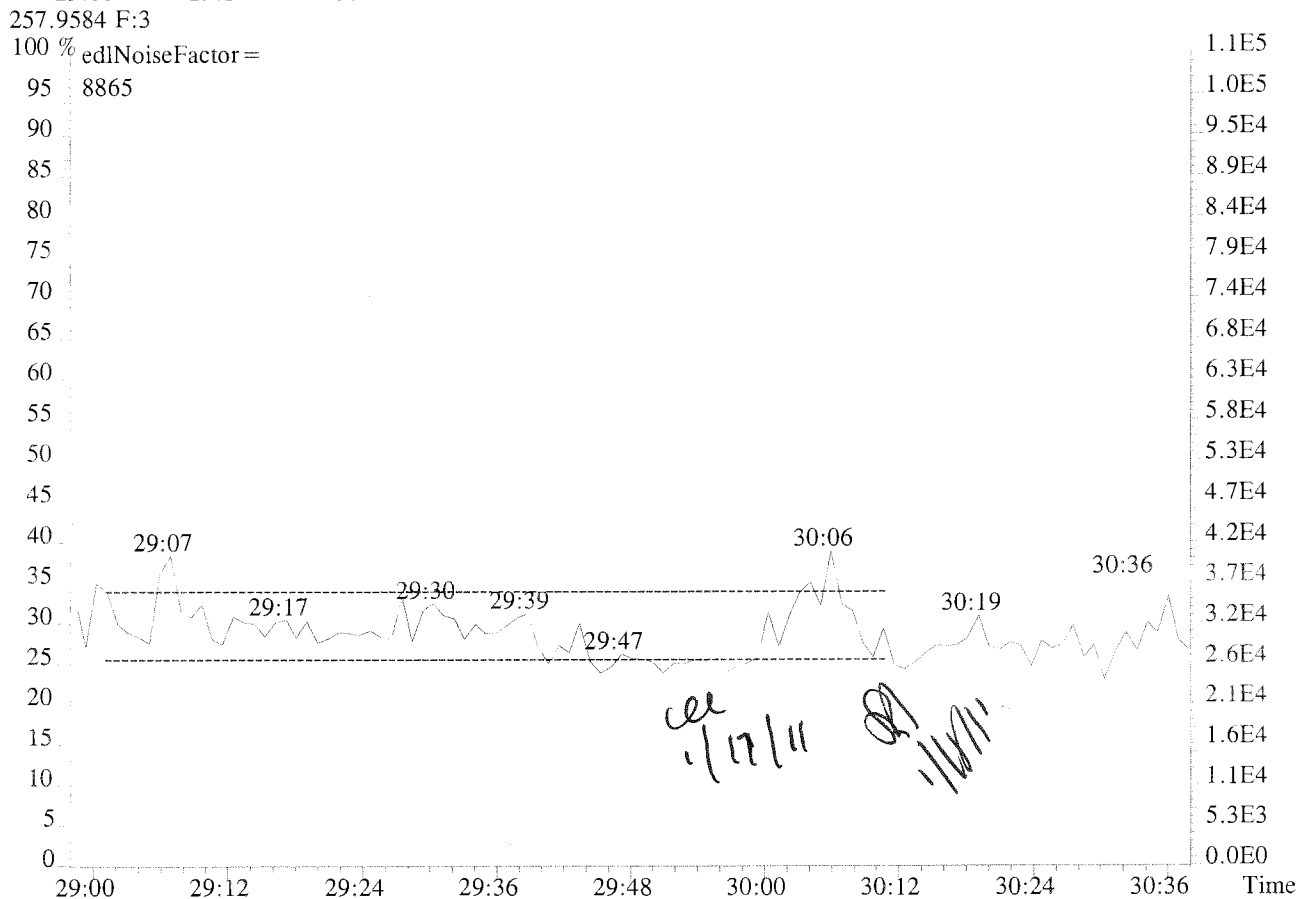
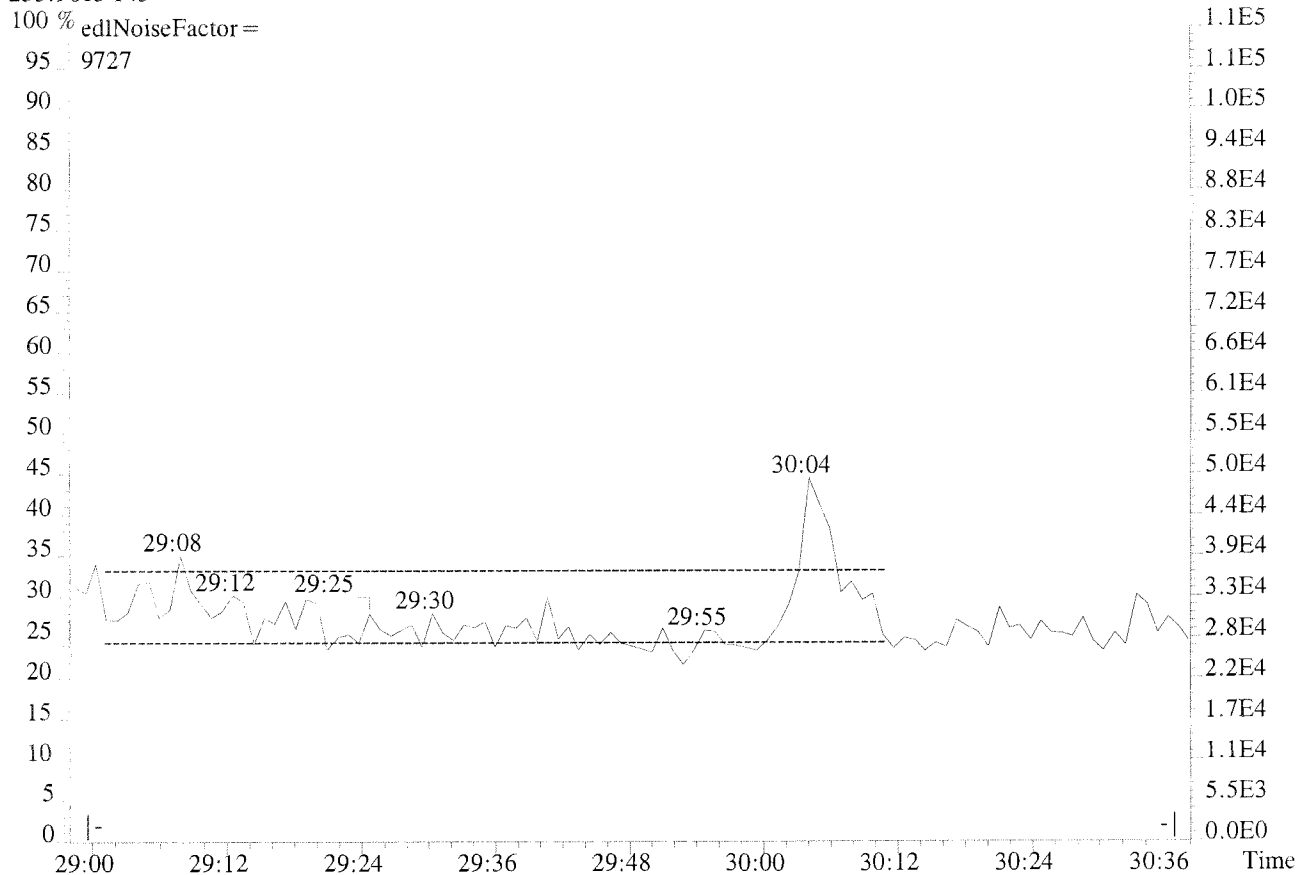
File:U224752 #1-594 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-003 USENN/S022
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3.0,10%,2976.0,1.00%,F,T)



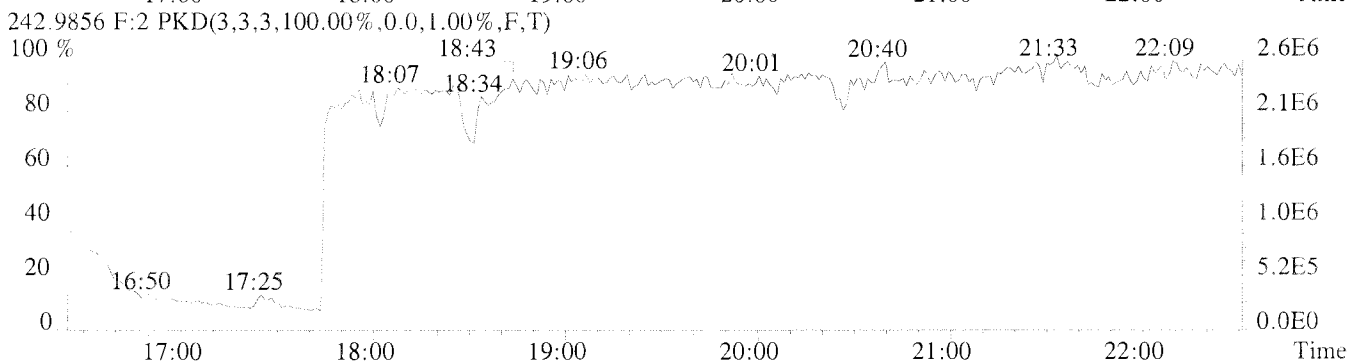
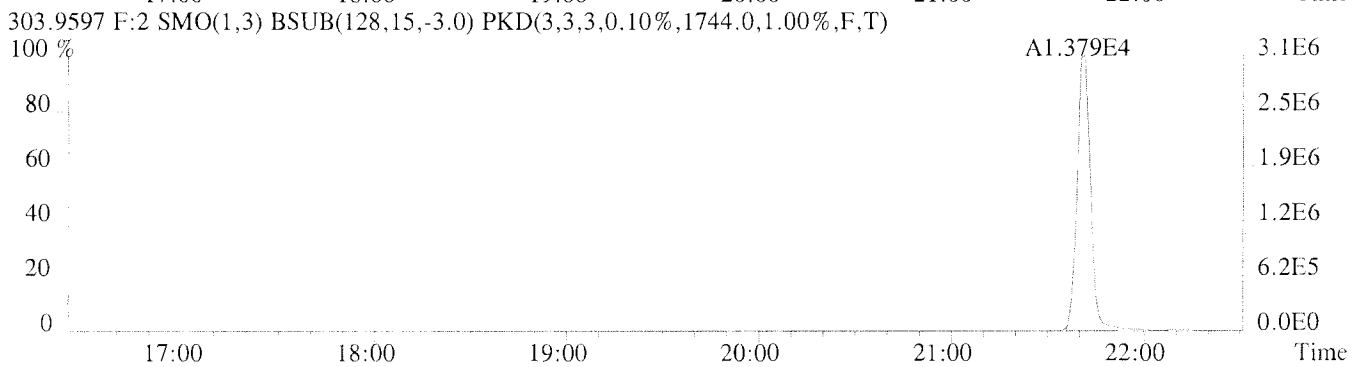
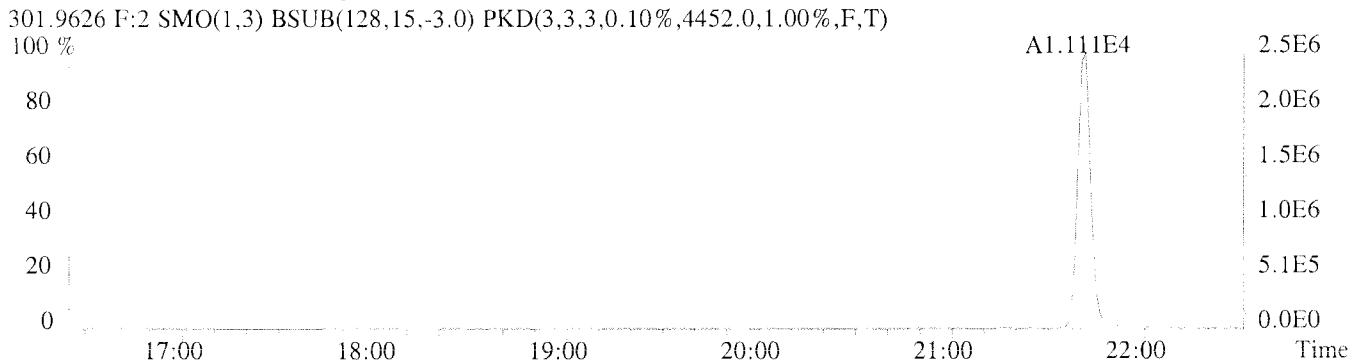
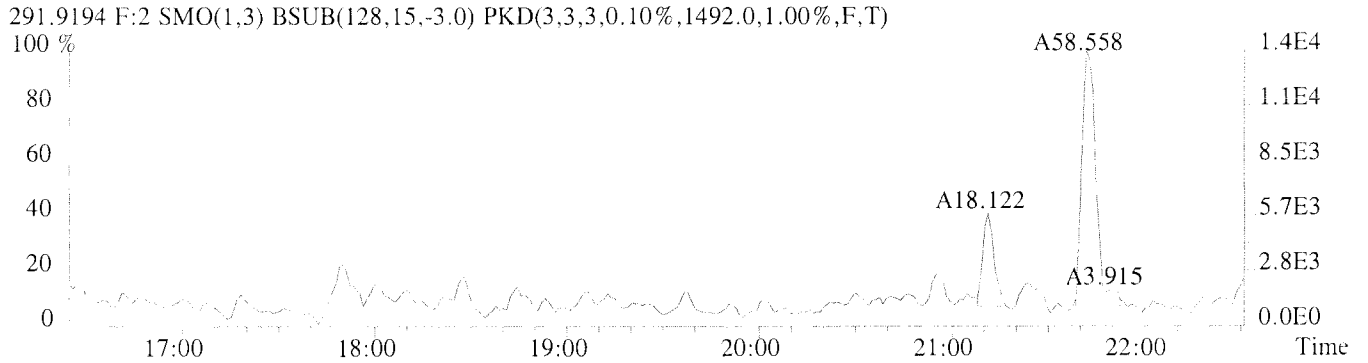
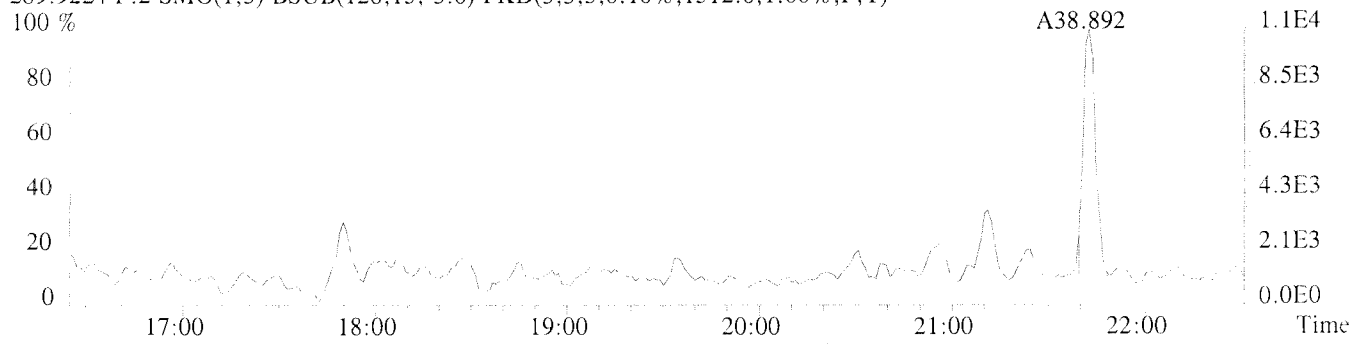
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0)



File:U224752 #1-594 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:K1013433-003 USENN/S022
255.9613 F:3



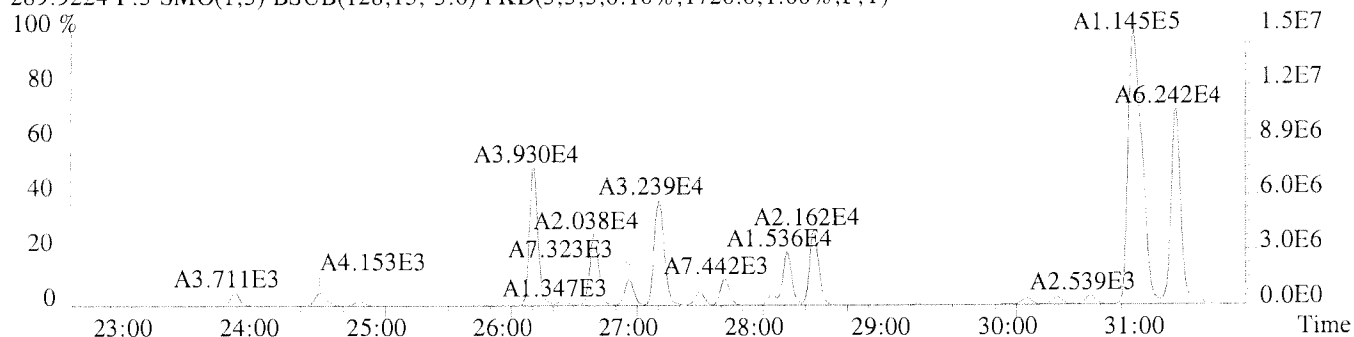
File:U224752 #1-337 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-003 USENN/S022
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1512.0,1.00%,F,T)



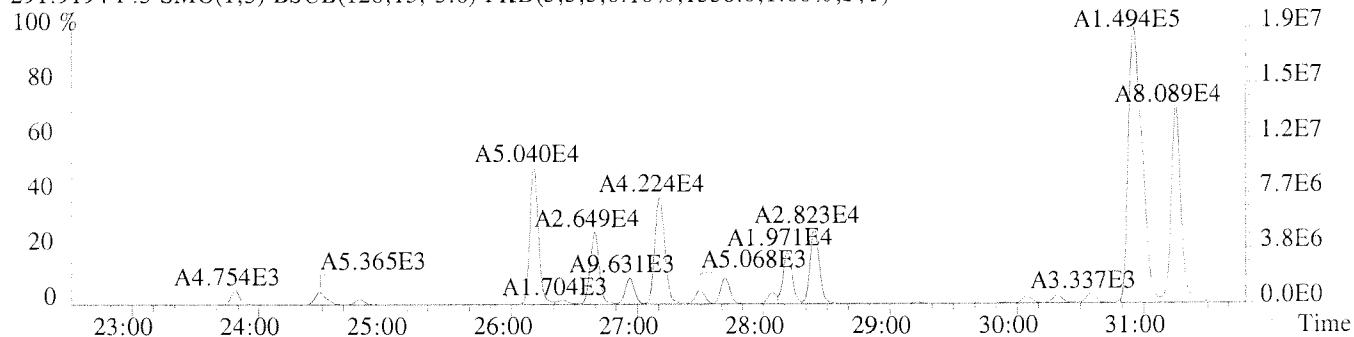
File:U224752 #1-594 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-003 USENN/S022

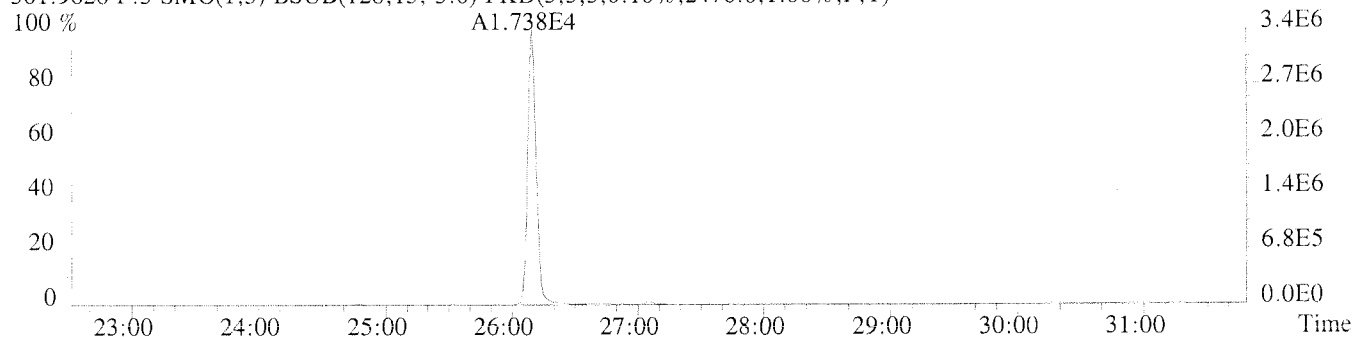
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1720.0,1.00%,F,T)



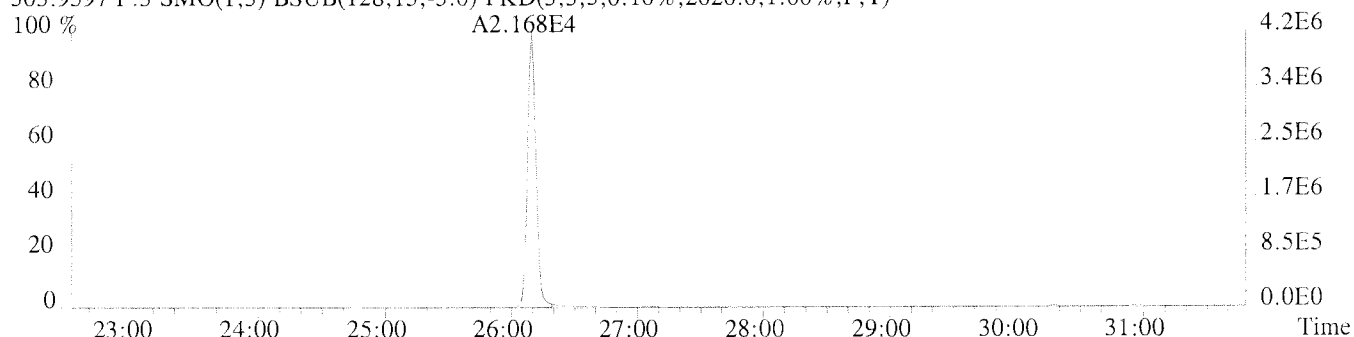
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1336.0,1.00%,F,T)



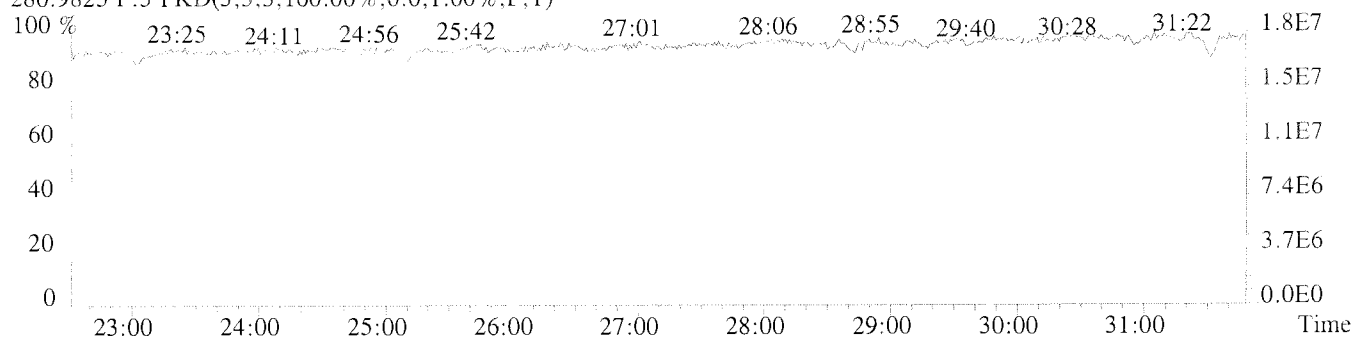
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2476.0,1.00%,F,T)



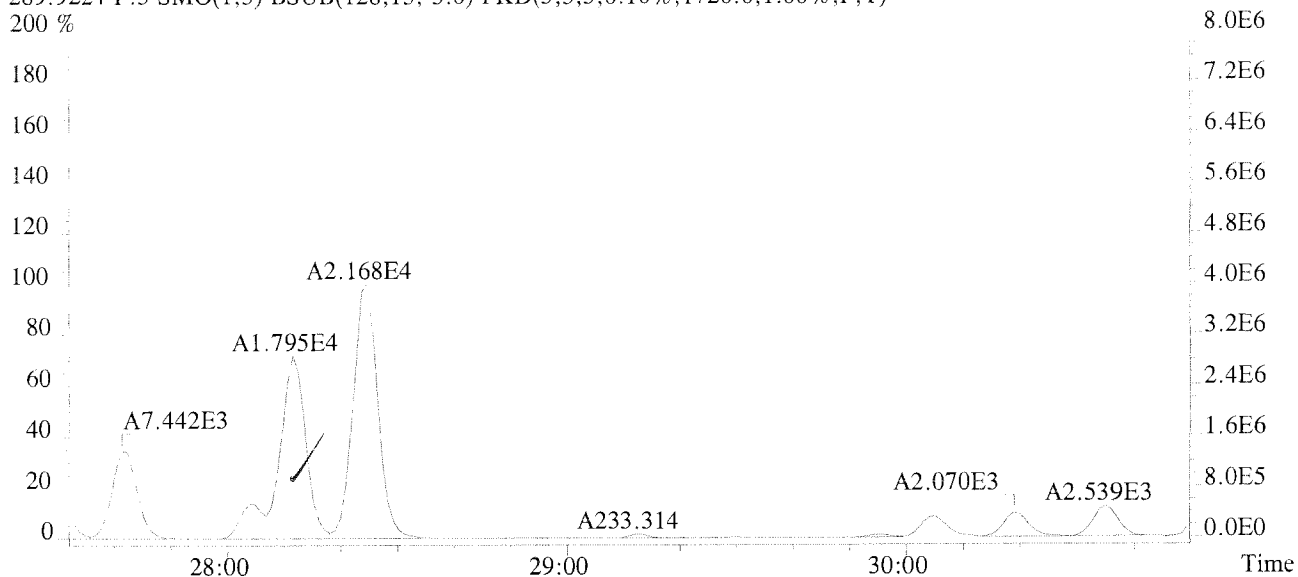
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2020.0,1.00%,F,T)



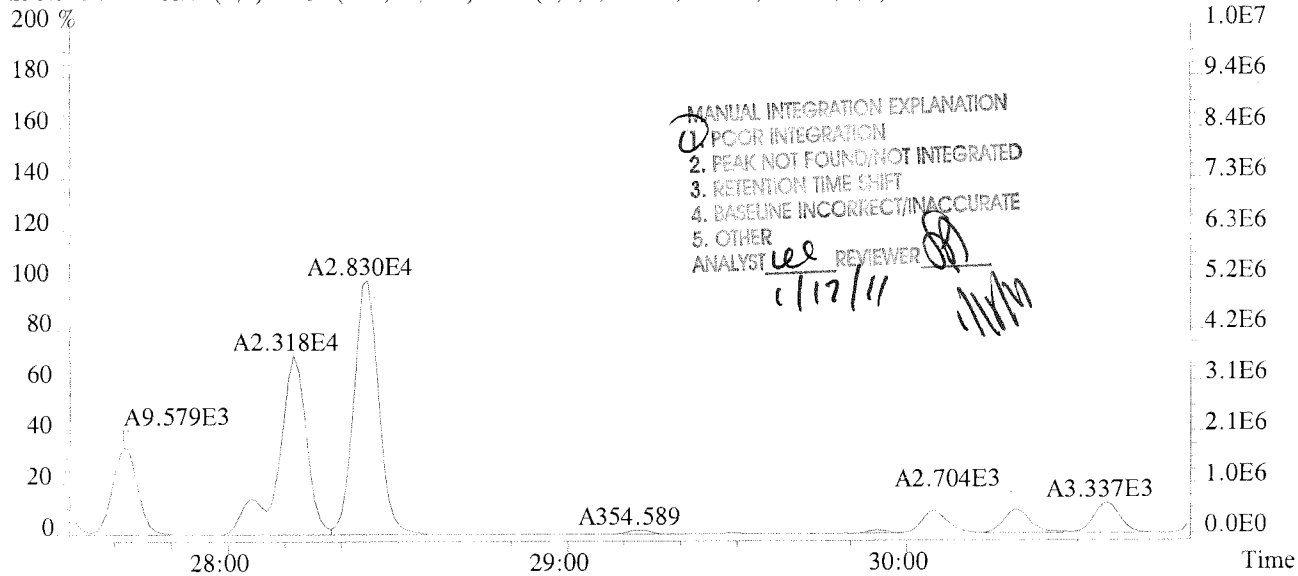
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



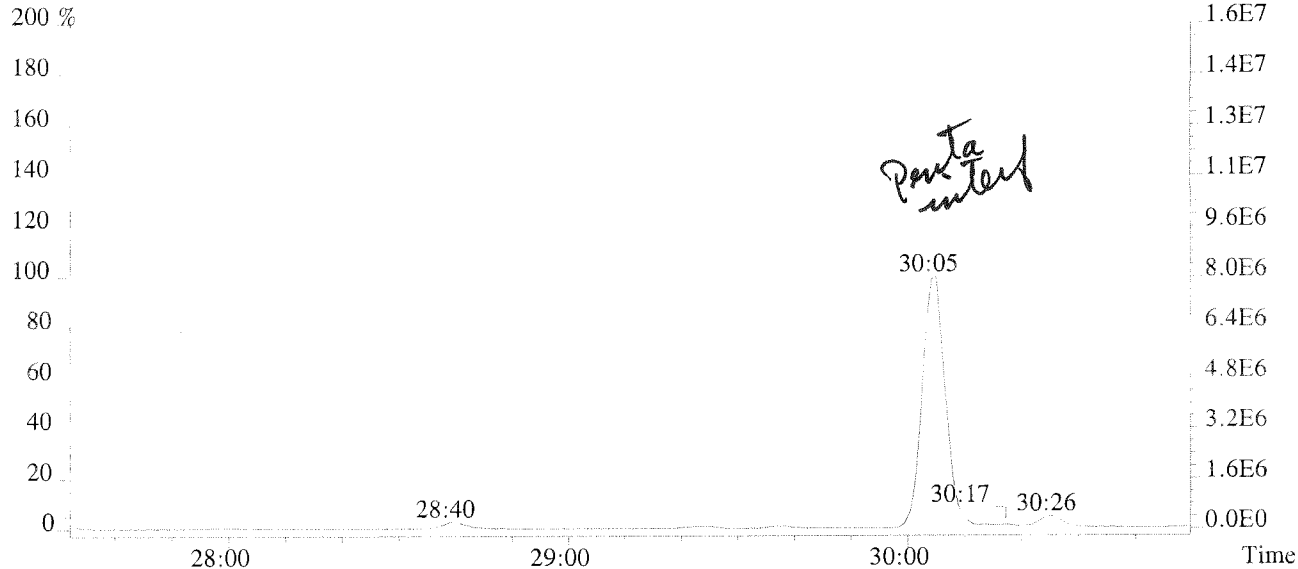
File:U224752 #1-594 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-003 USENN/S022
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1720.0,1.00%,F,T)
 200 %



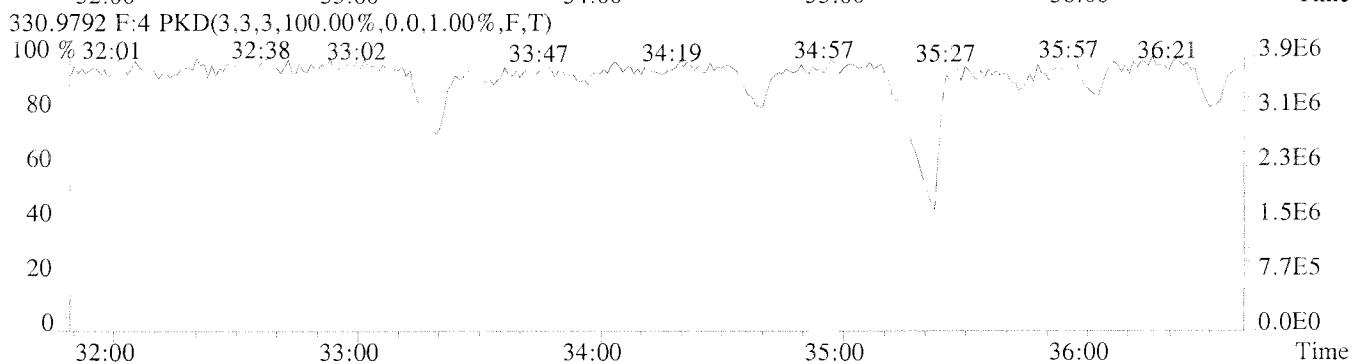
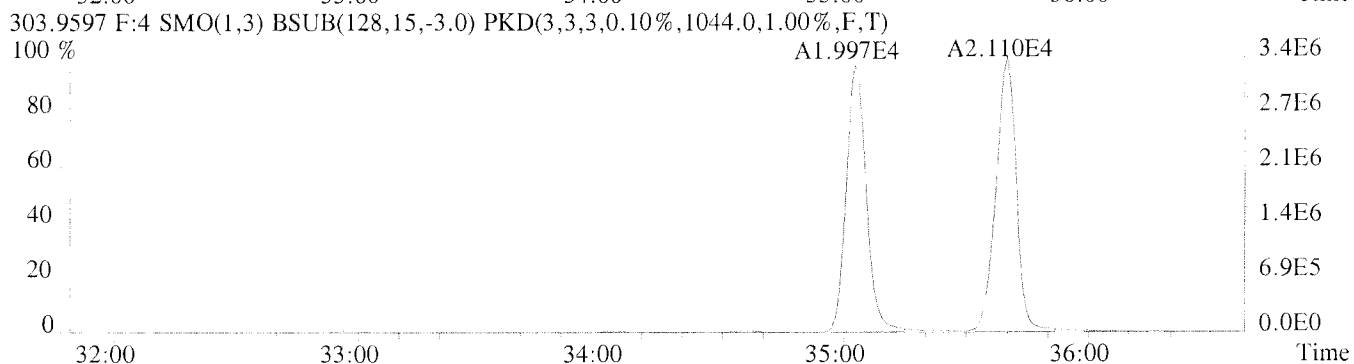
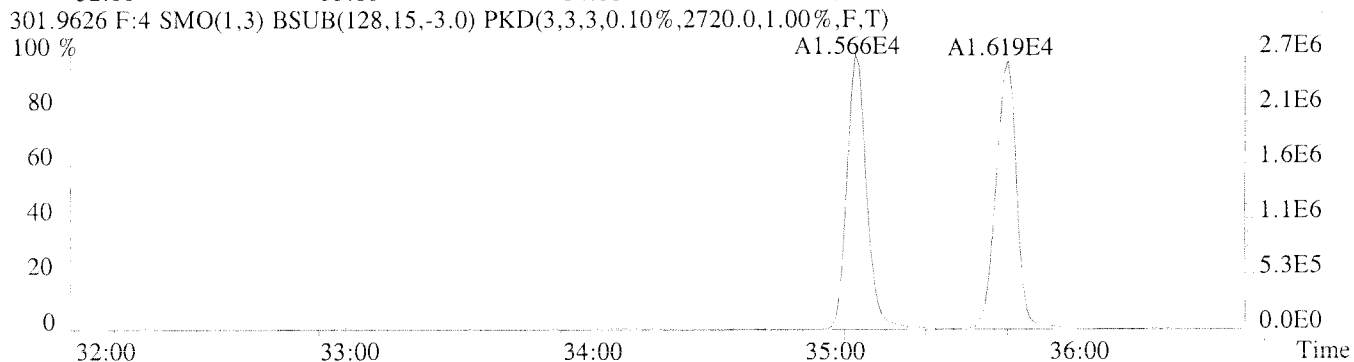
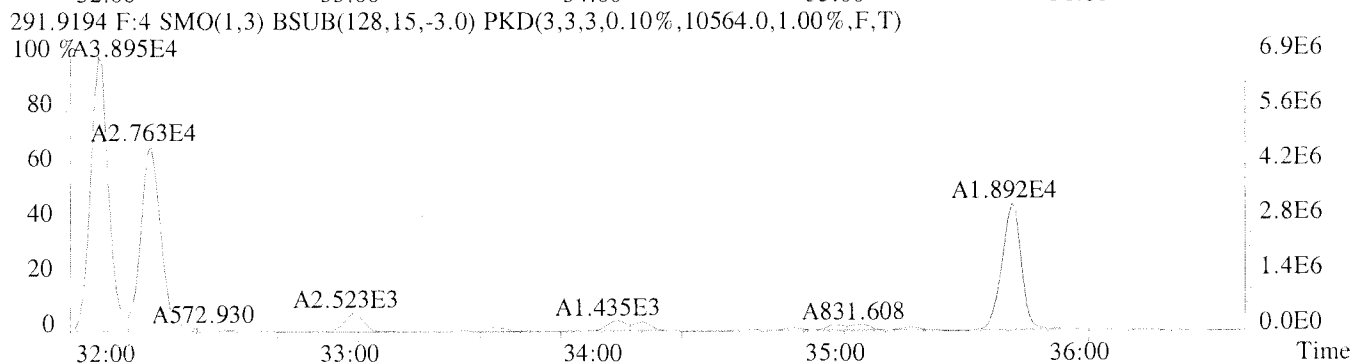
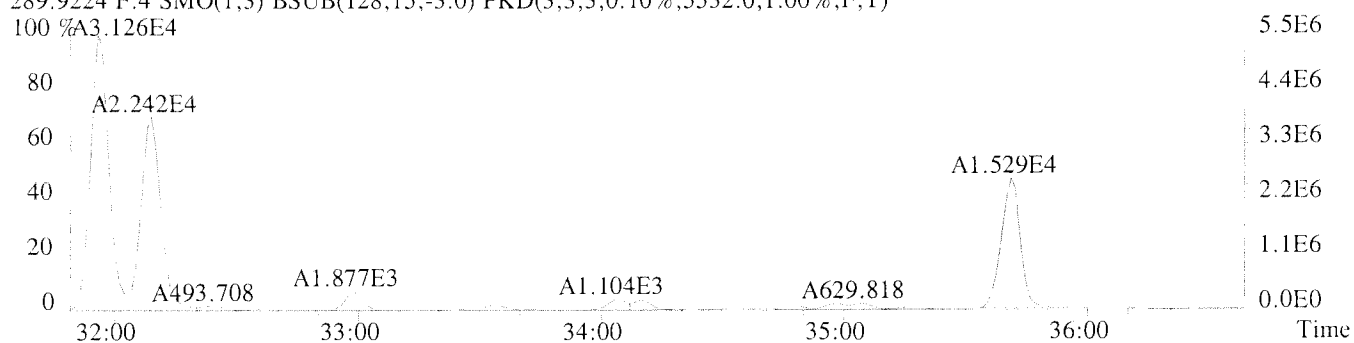
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1336.0,1.00%,F,T)



325.8804 F:3

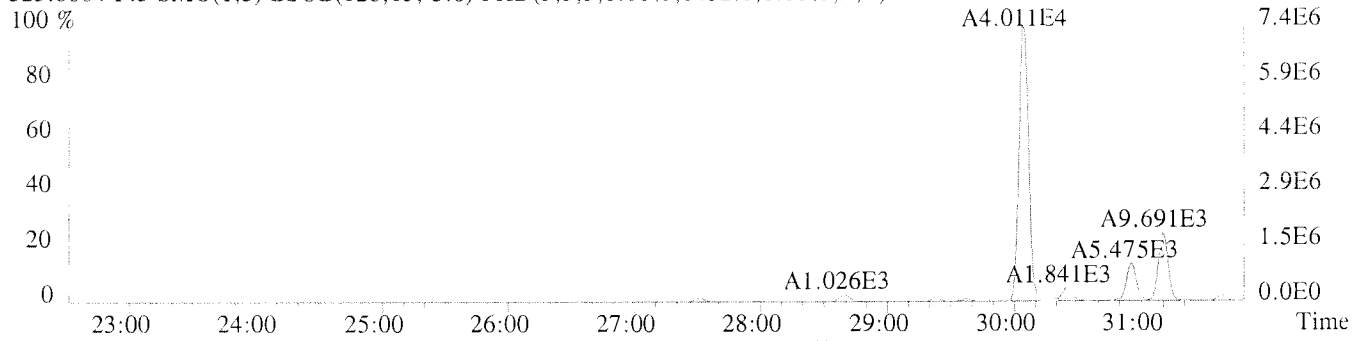


File:U224752 #1-309 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-003 USENN/S022
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5532.0,1.00%,F,T)
 100 %A3.126E4

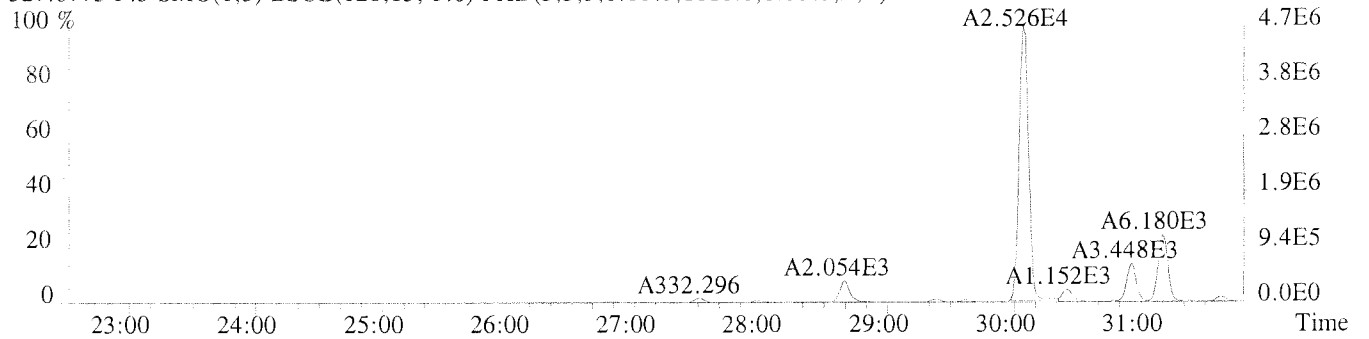


File:U224752 #1-594 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-003 USENN/S022

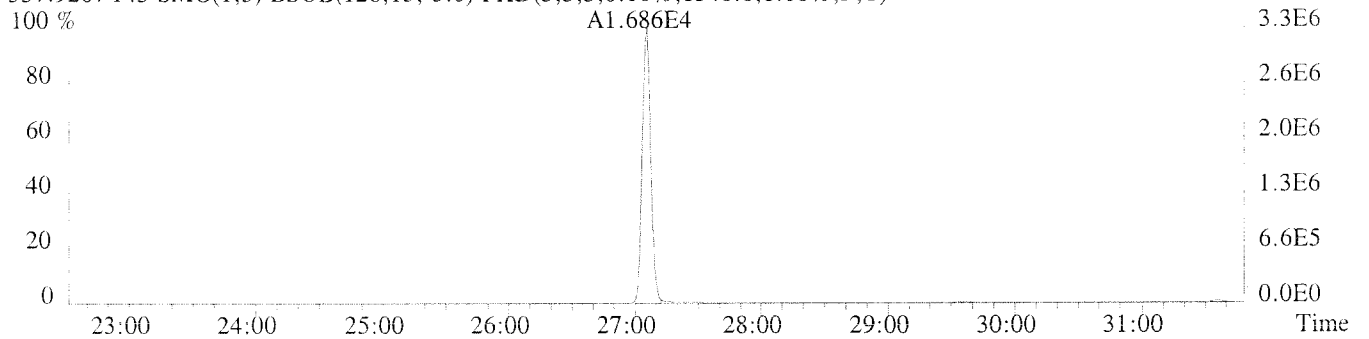
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1452.0,1.00%,F,T)
100 %



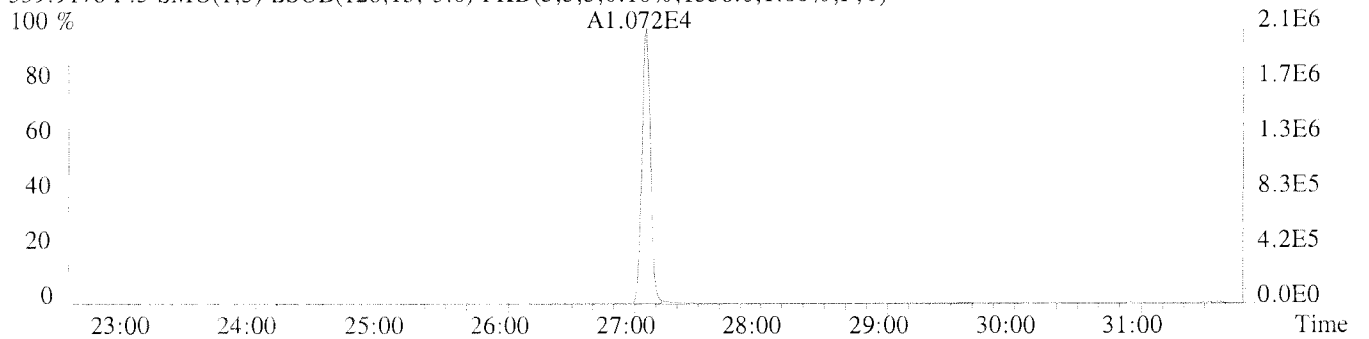
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1616.0,1.00%,F,T)
100 %



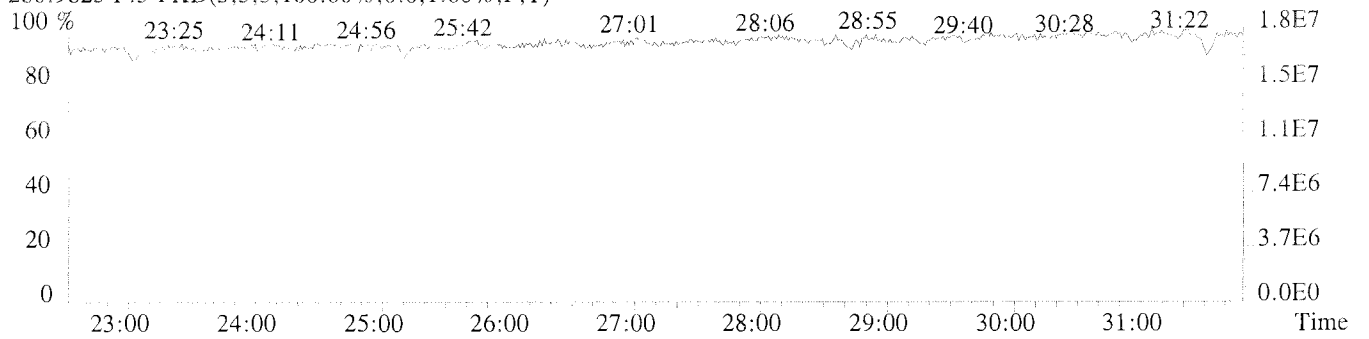
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1540.0,1.00%,F,T)
100 %

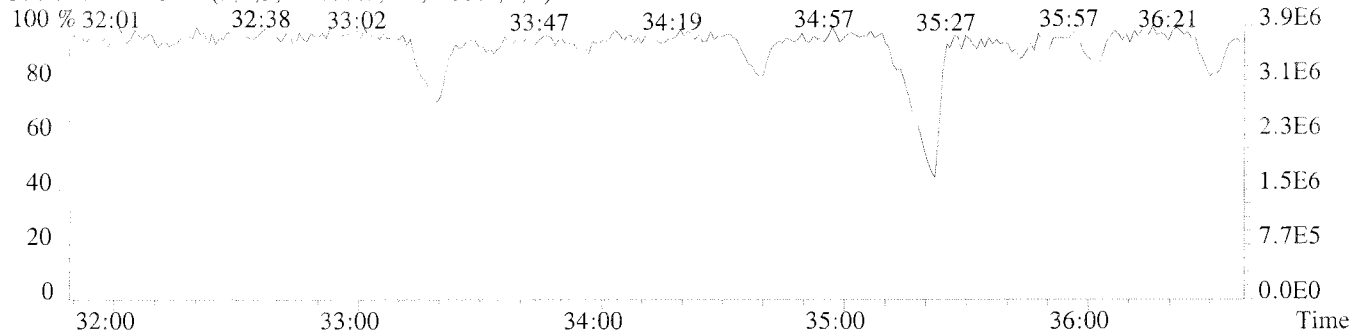
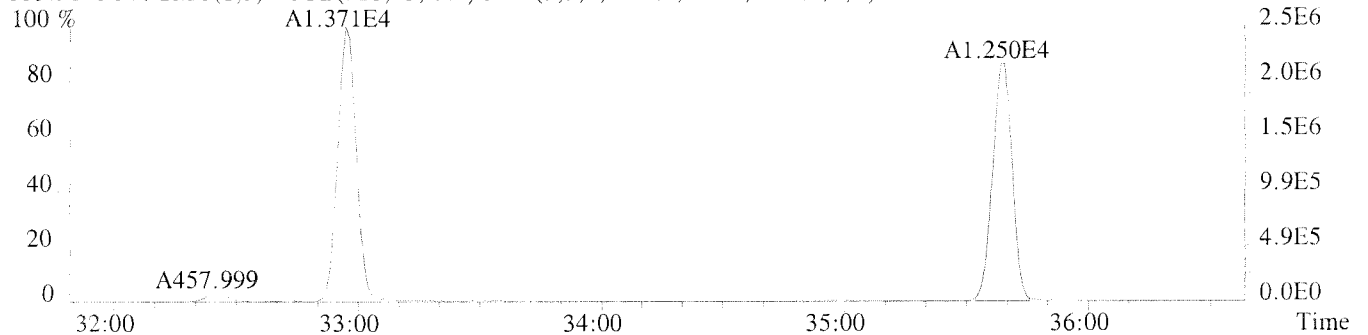
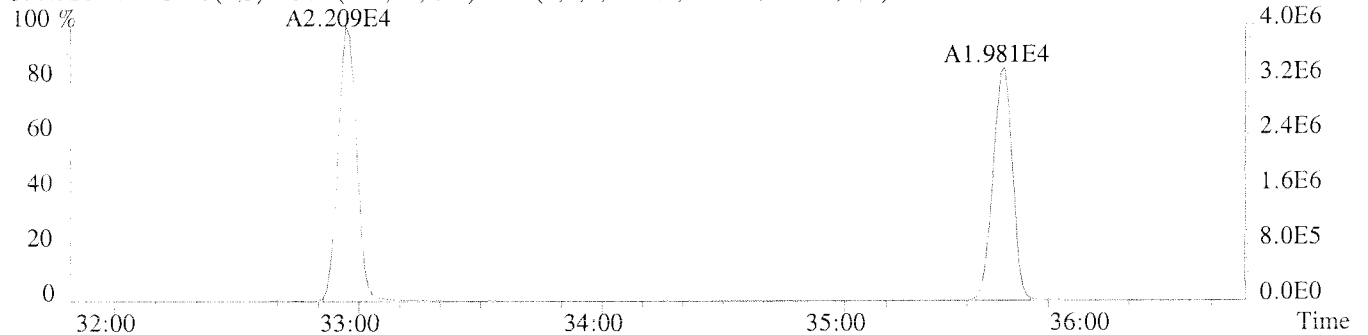
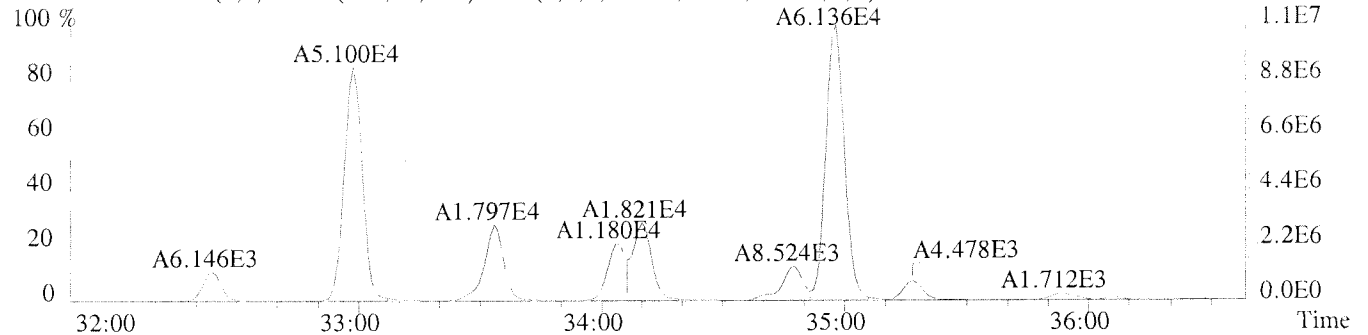
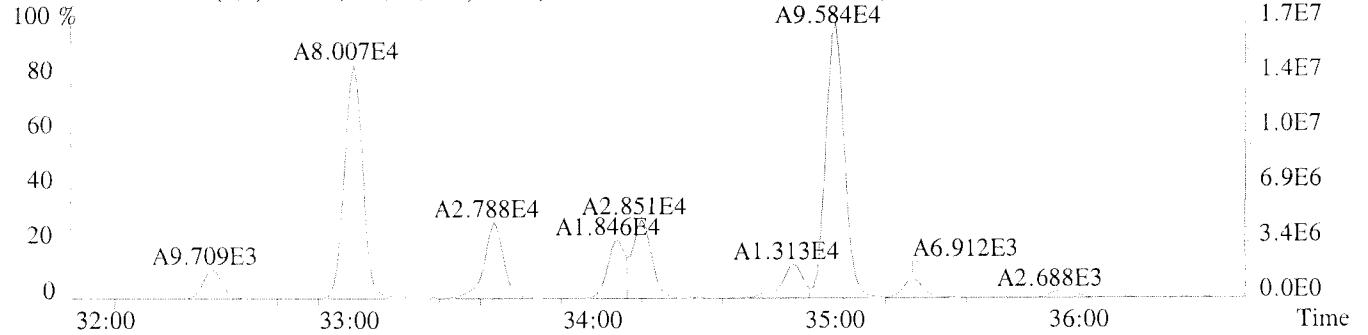


339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1336.0,1.00%,F,T)
100 %

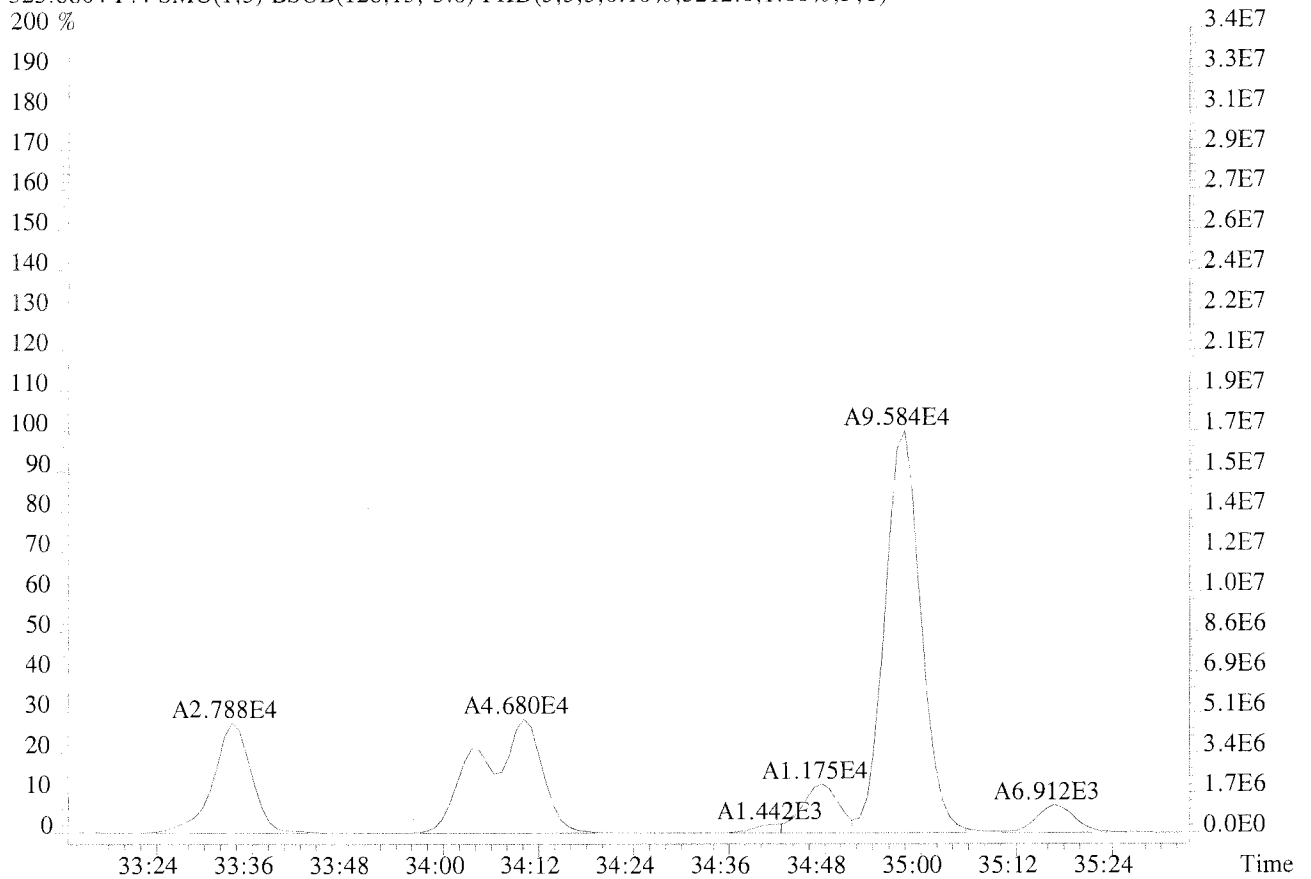


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)
100 %

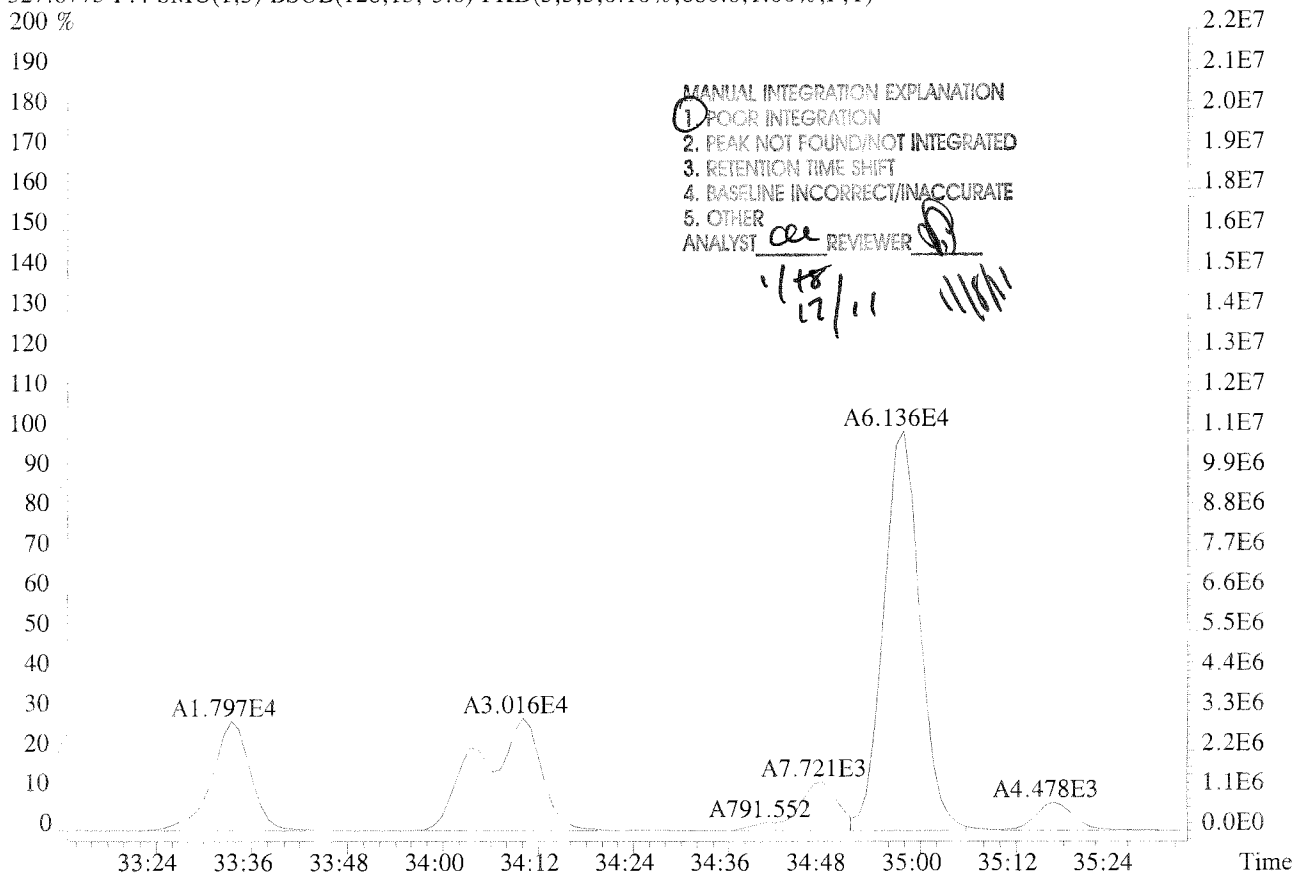


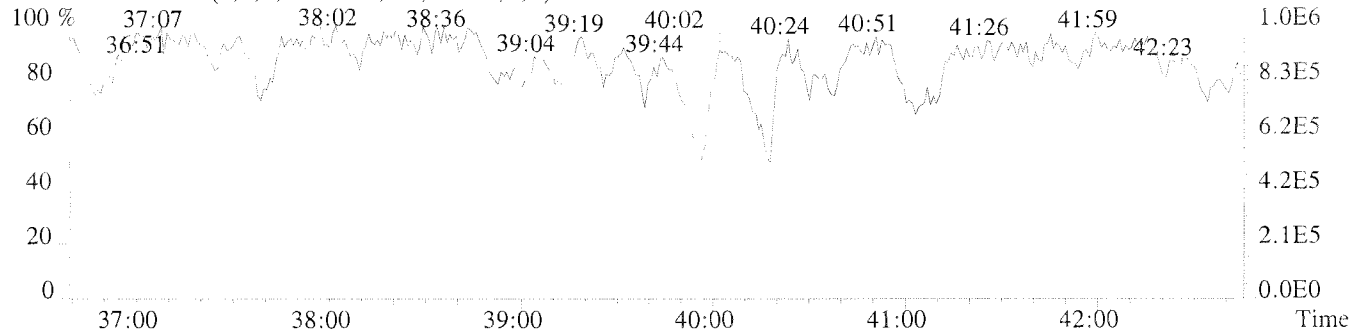
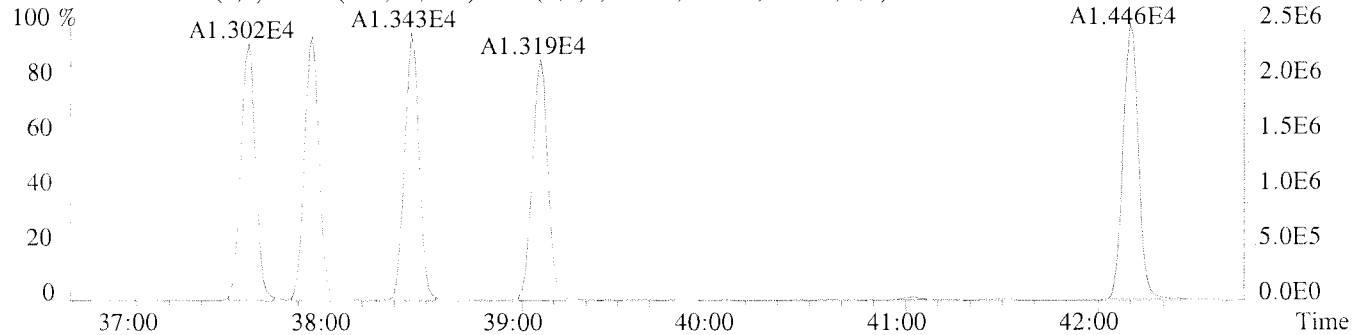
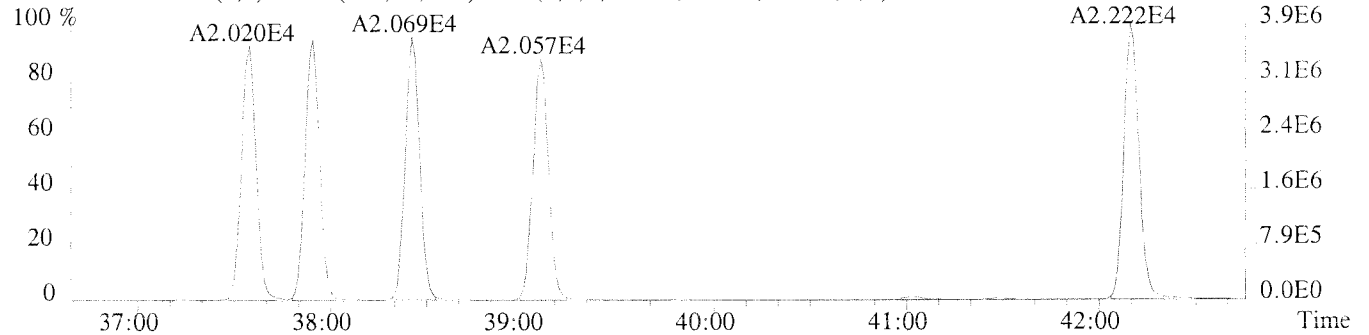
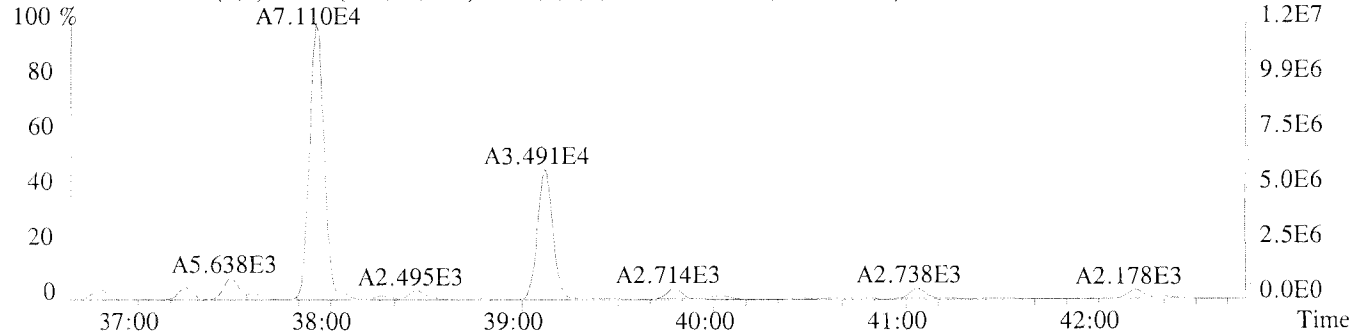
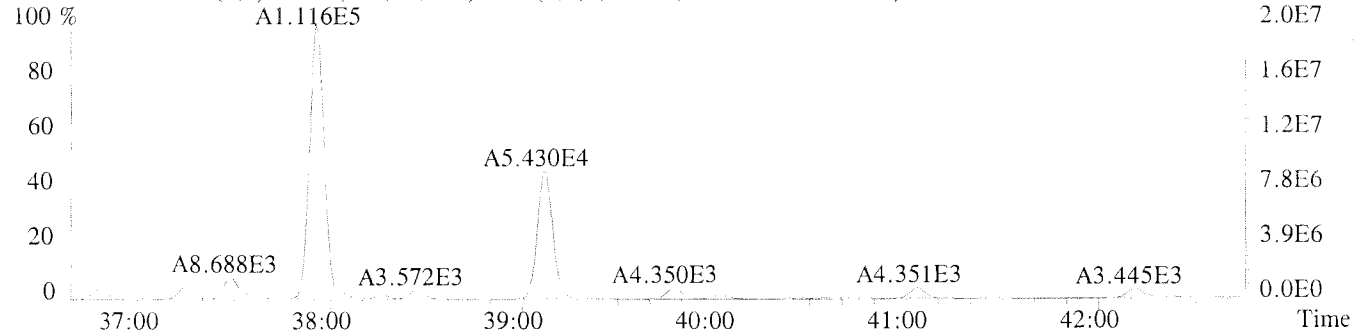


File:U224752 #1-309 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-003 USENN/S022
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3212.0,1.00%,F,T)
 200 %



327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,880.0,1.00%,F,T)
 200 %

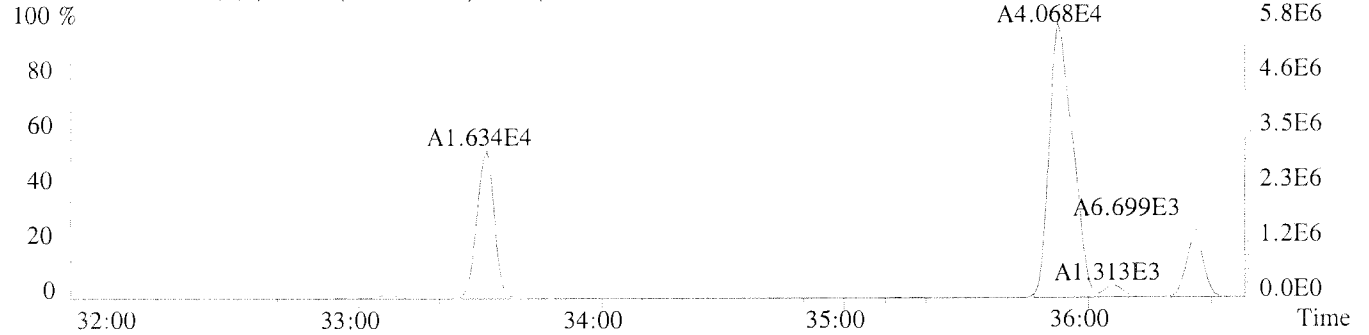




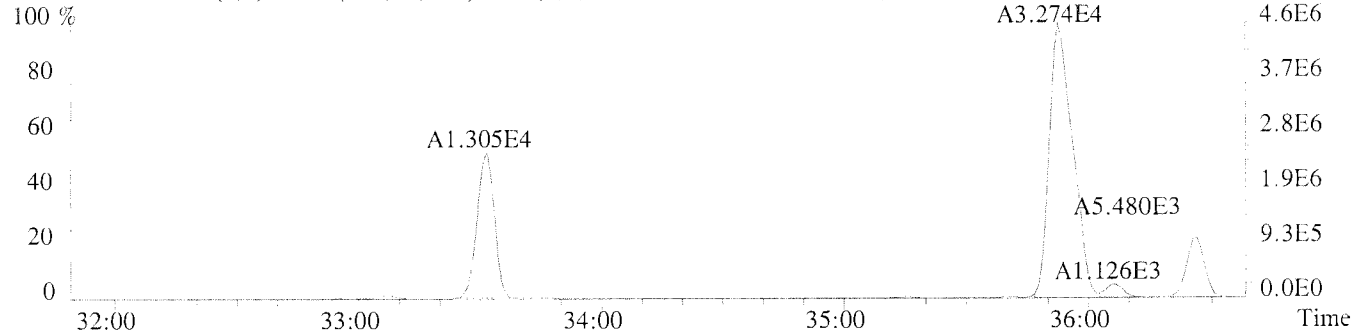
File:U224752 #1-309 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-003 USENN/S022

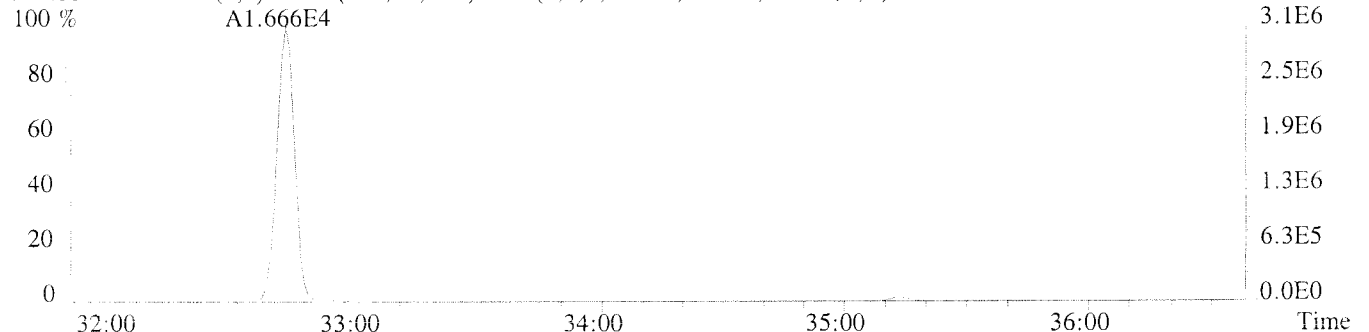
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1692.0,1.00%,F,T)



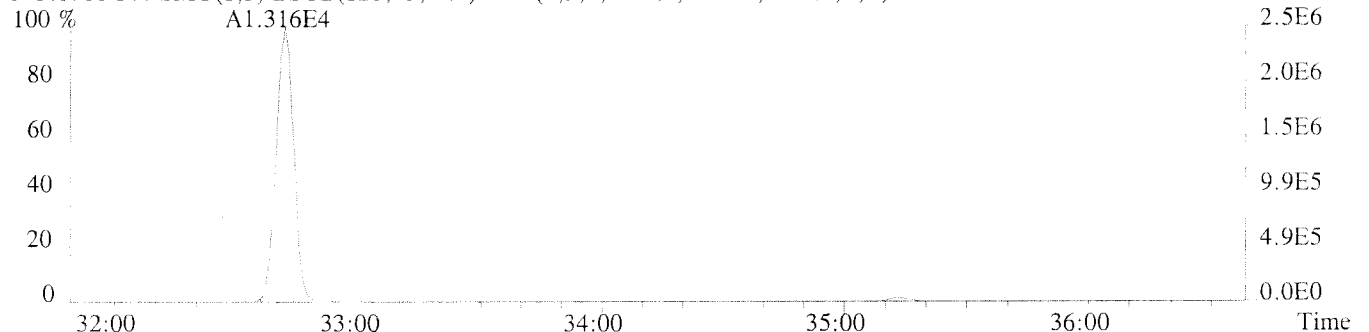
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1672.0,1.00%,F,T)



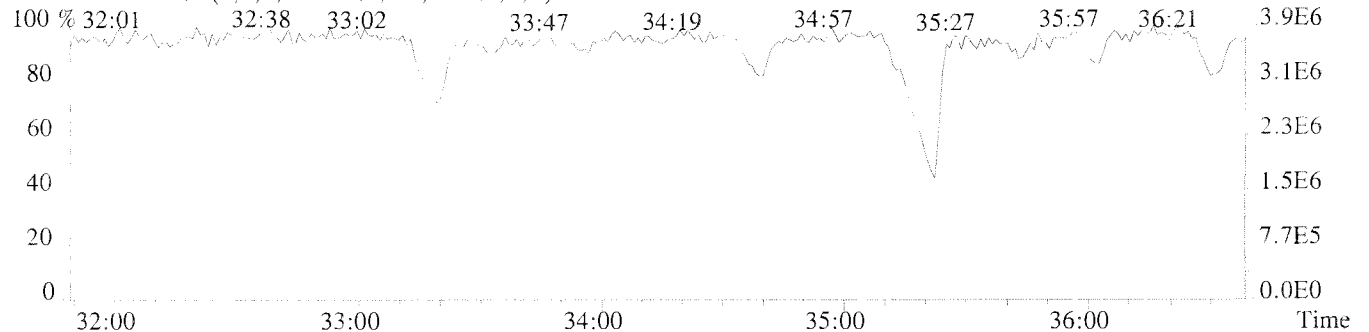
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1348.0,1.00%,F,T)



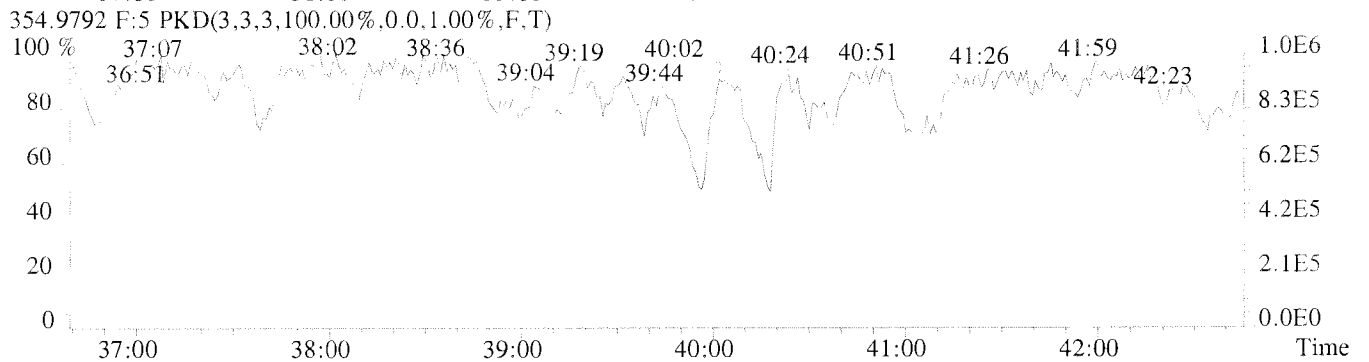
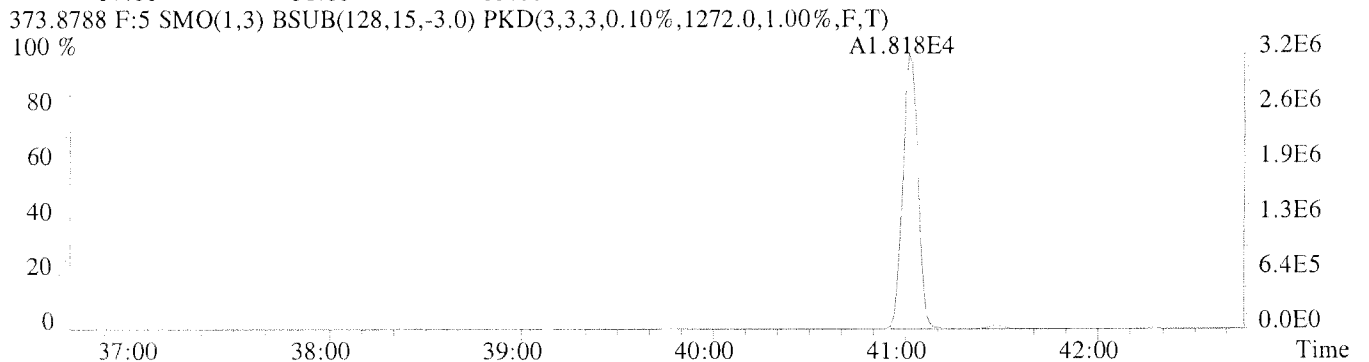
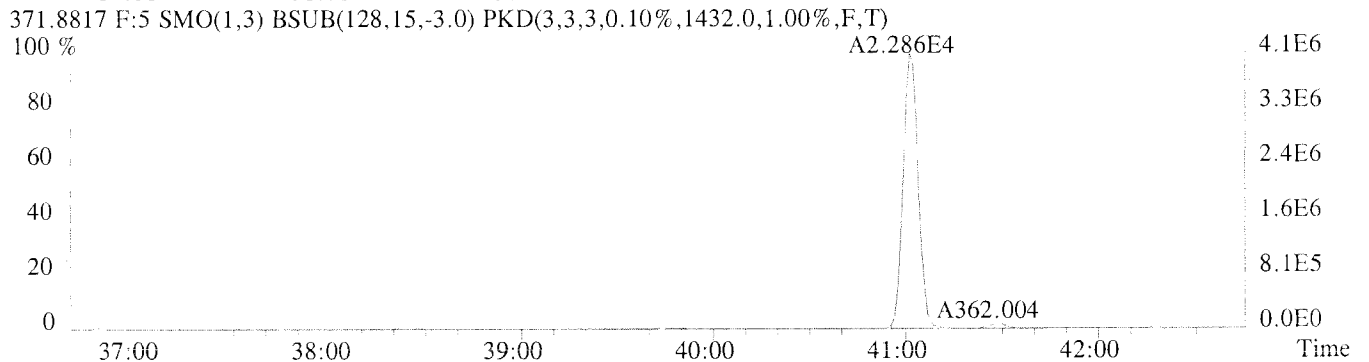
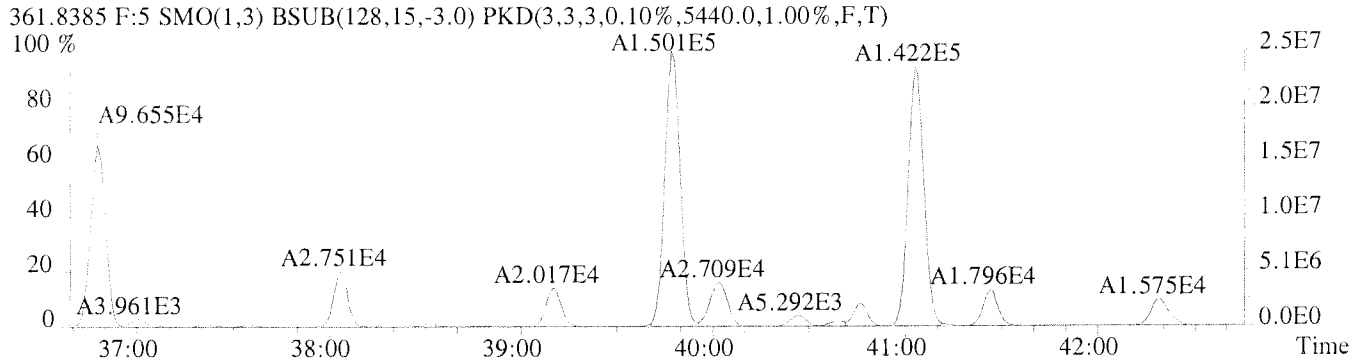
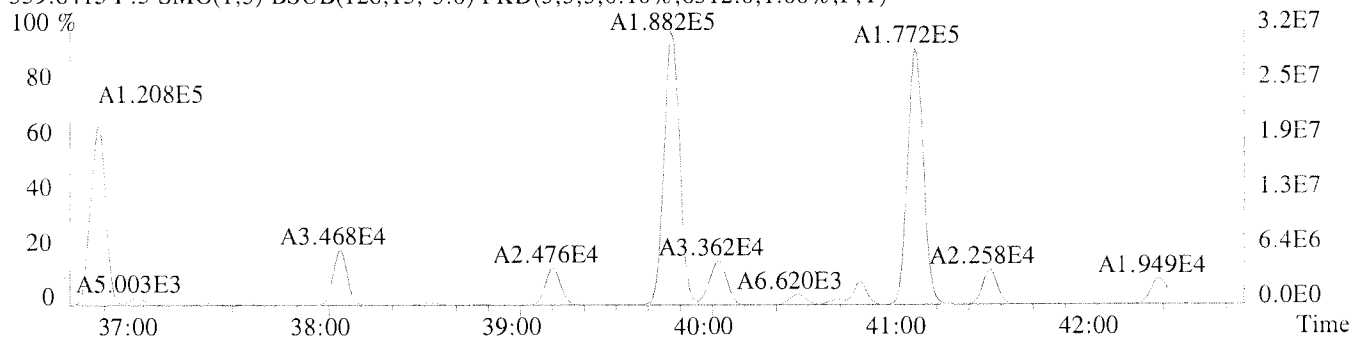
373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1004.0,1.00%,F,T)



330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

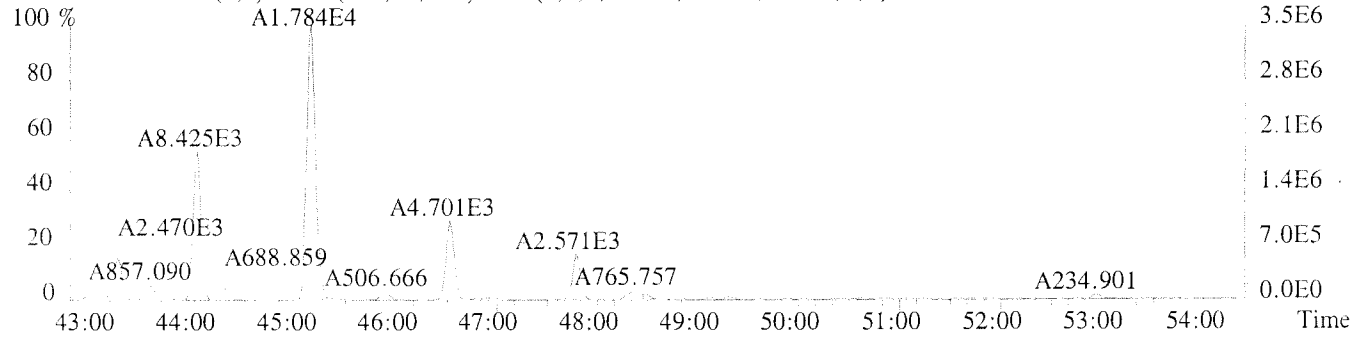


File:U224752 #1-391 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-003 USENN/S022
 359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6312.0,1.00%,F,T)
 100 %

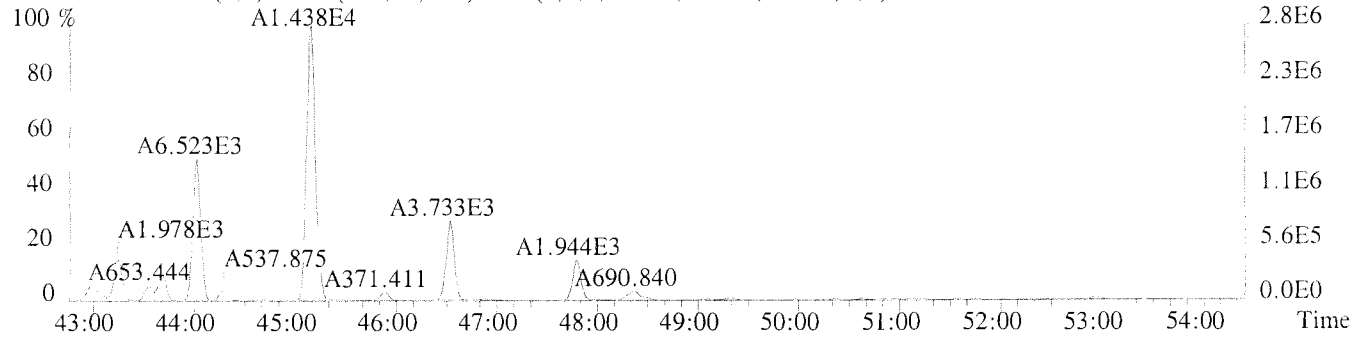


File:U224752 #1-577 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-003 USENN/S022

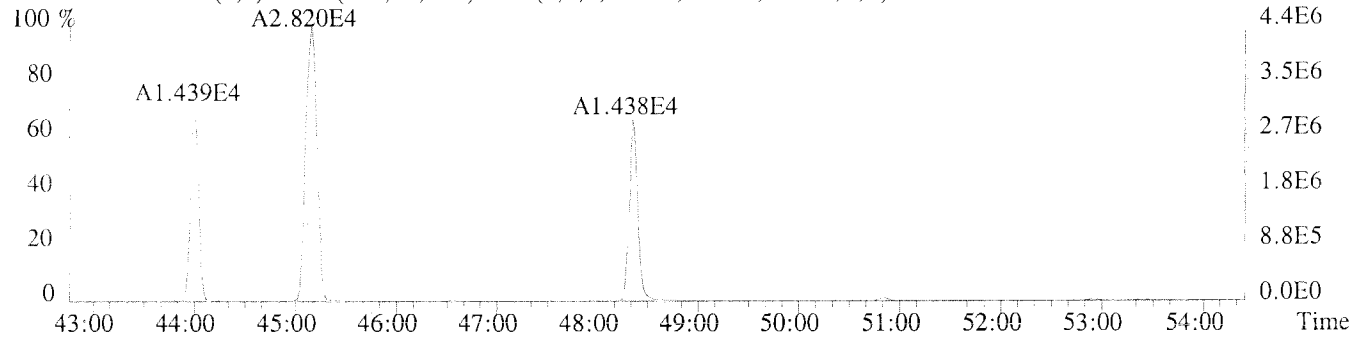
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5620.0,1.00%,F,T)



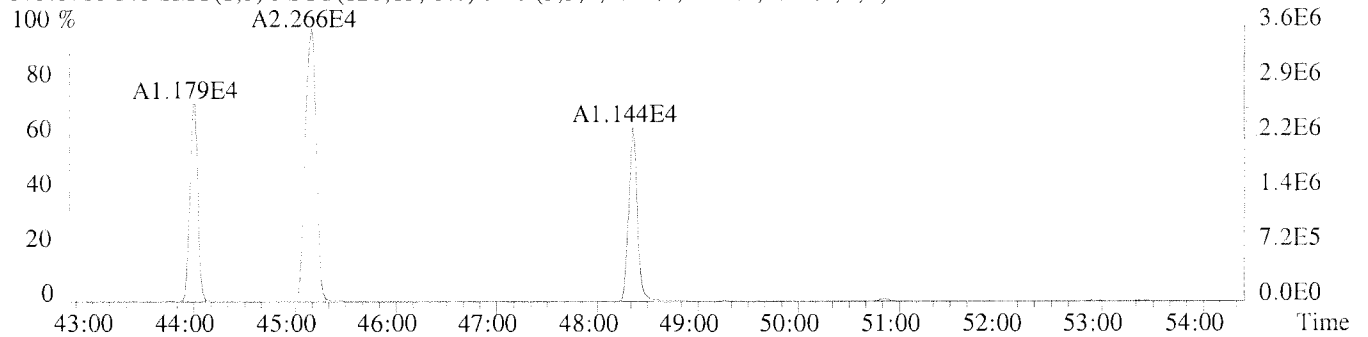
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2856.0,1.00%,F,T)



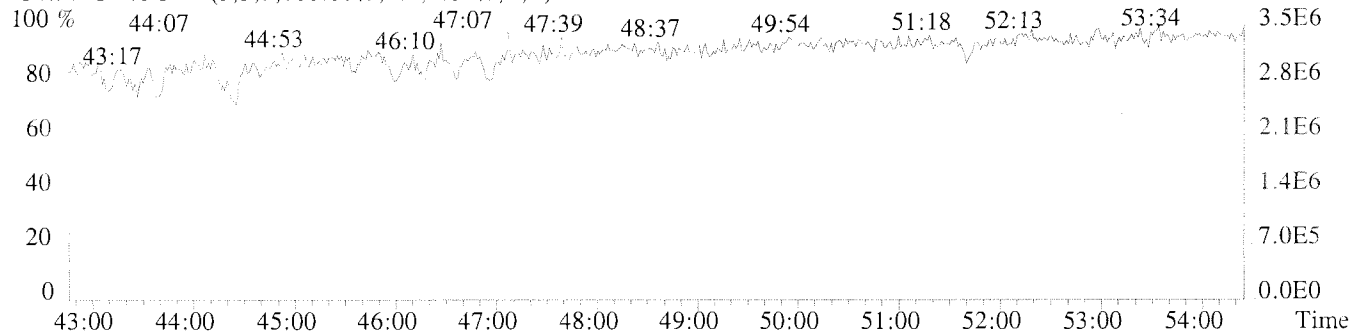
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1668.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1100.0,1.00%,F,T)

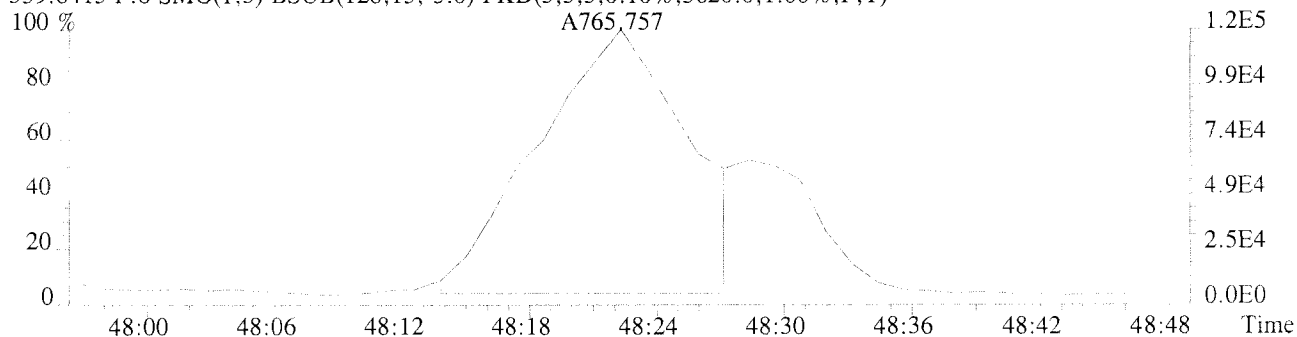


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

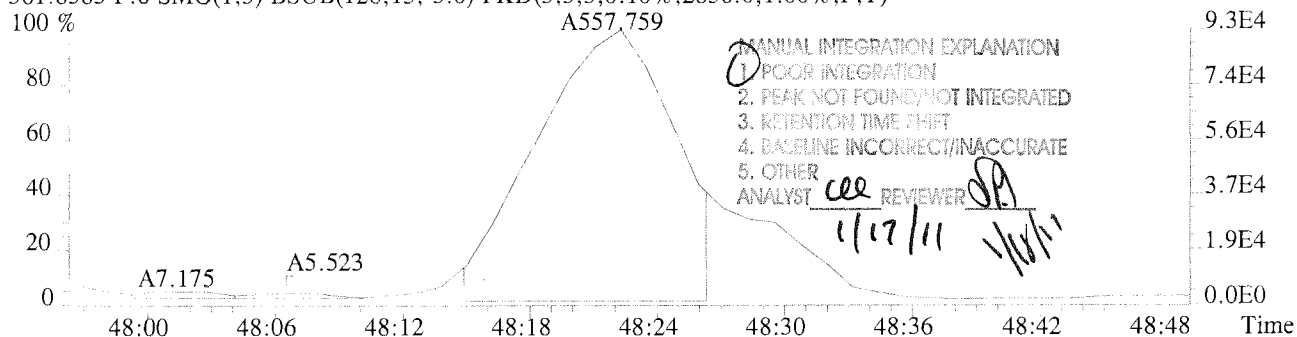


File:U224752 #1-577 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:K1013433-003 USENN/S022

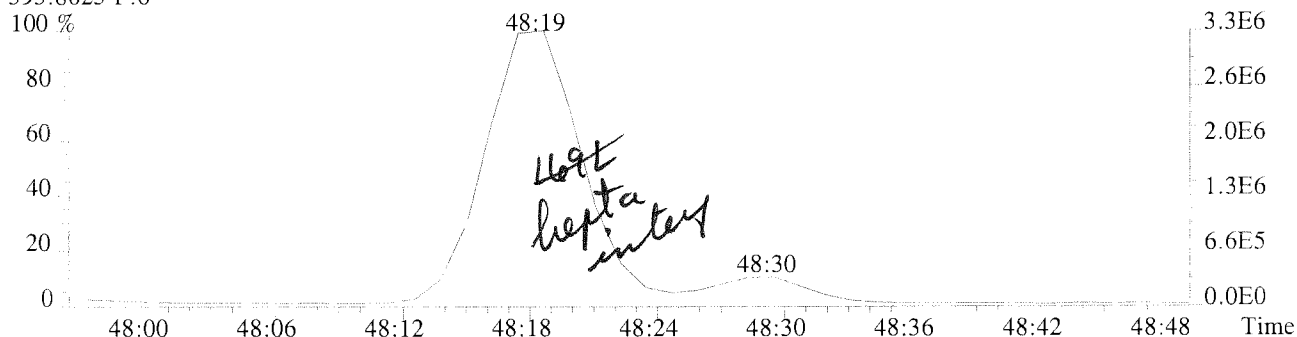
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5620.0,1.00%,F,T)



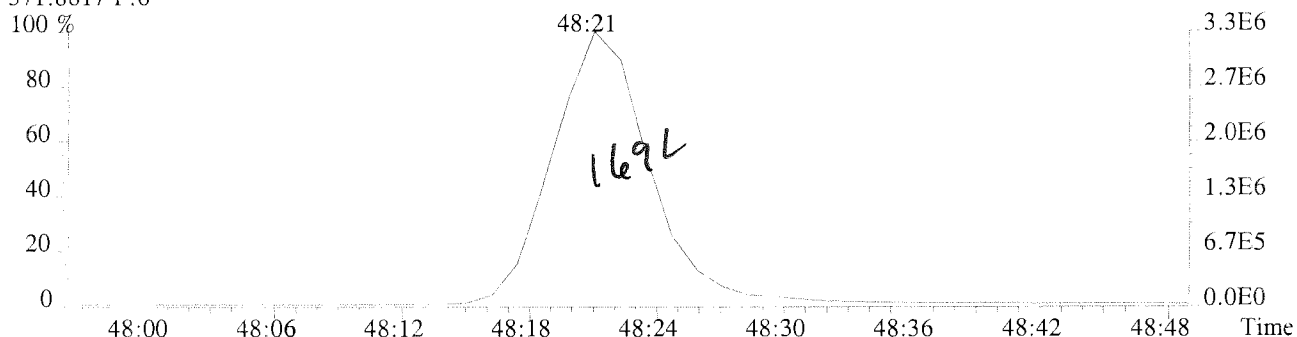
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2856.0,1.00%,F,T)



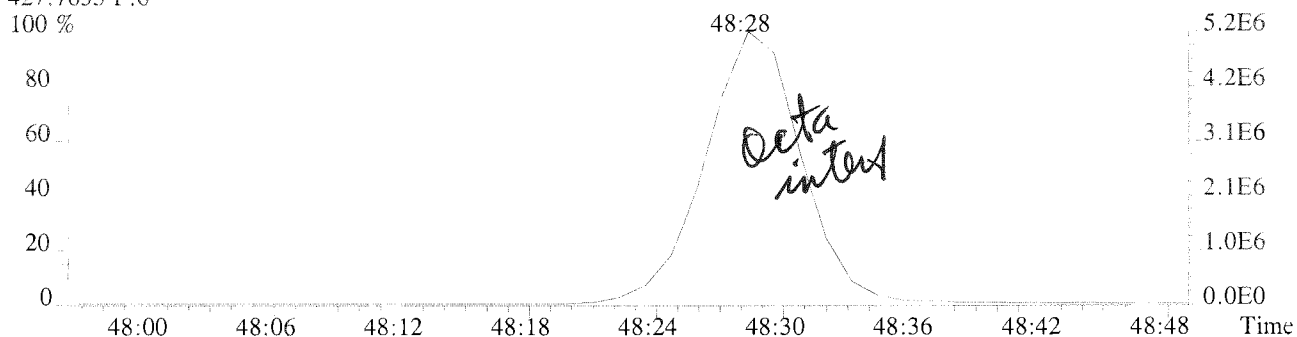
393.8025 F:6



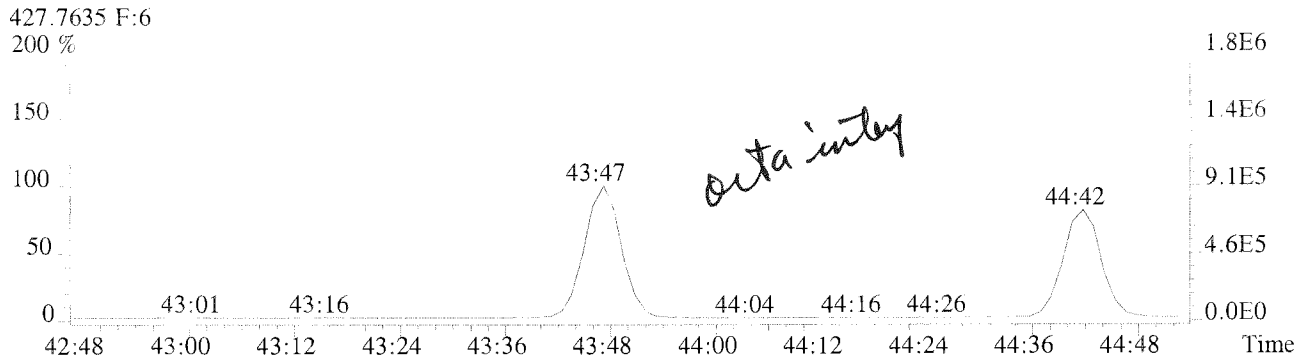
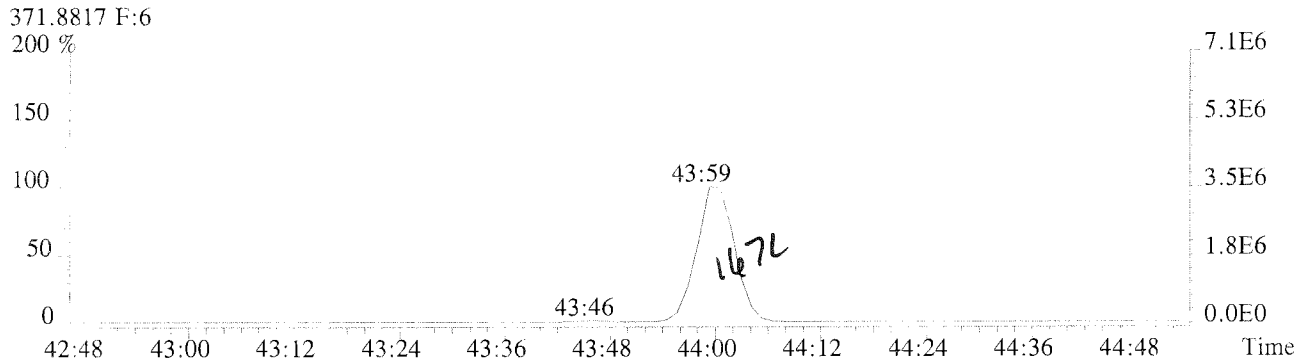
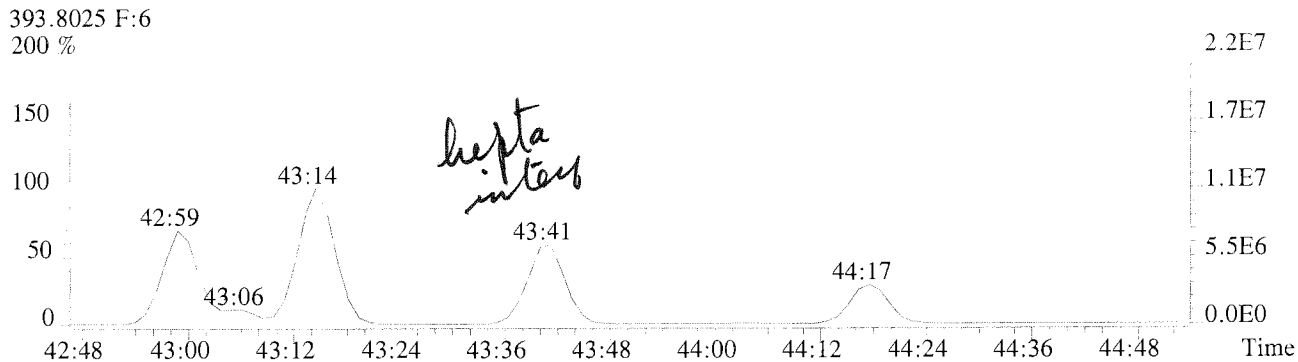
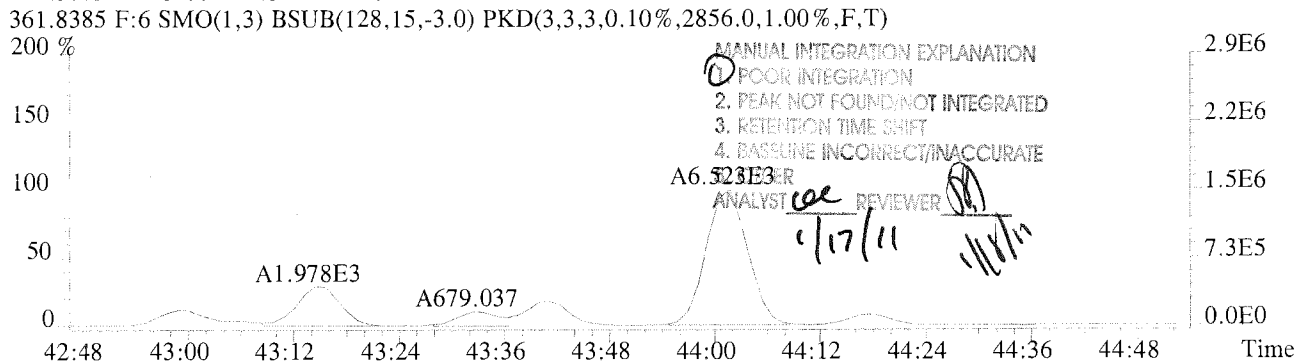
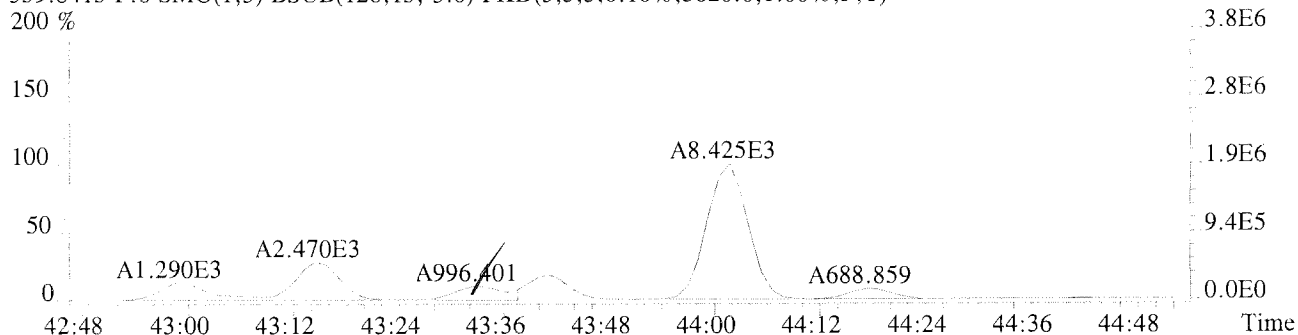
371.8817 F:6



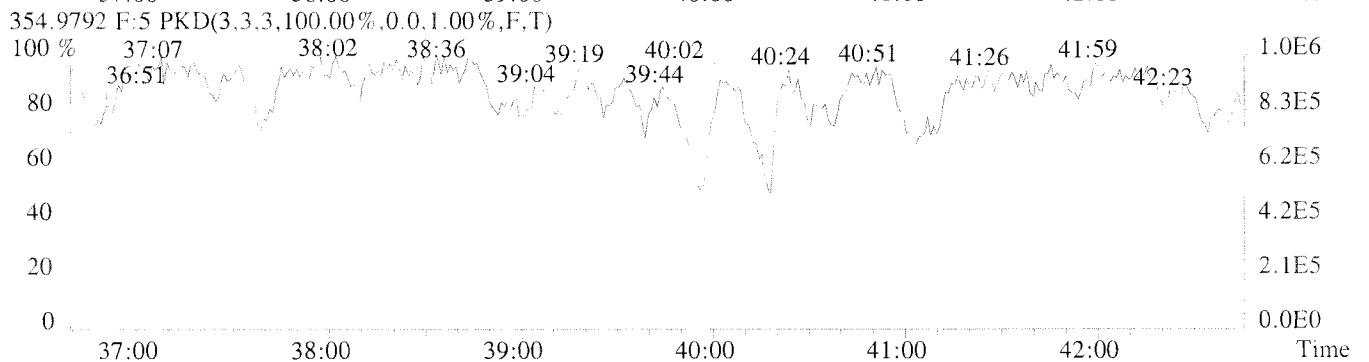
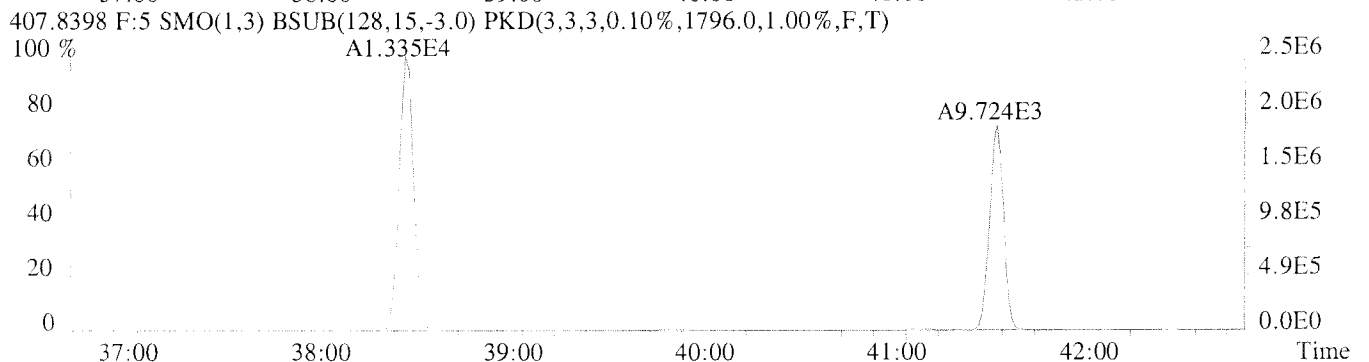
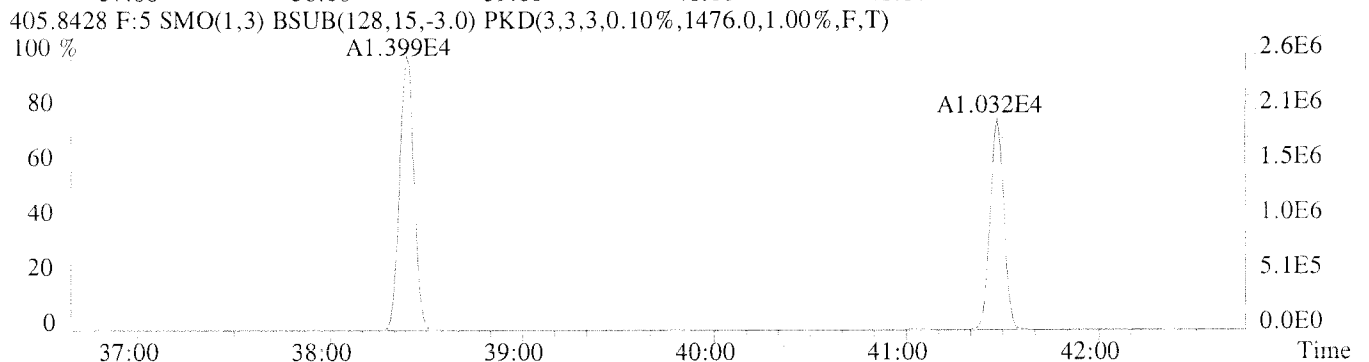
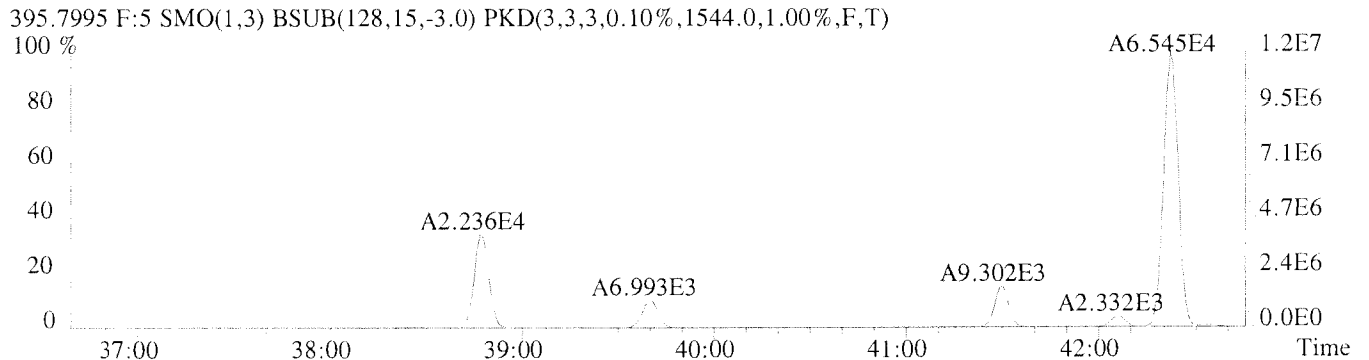
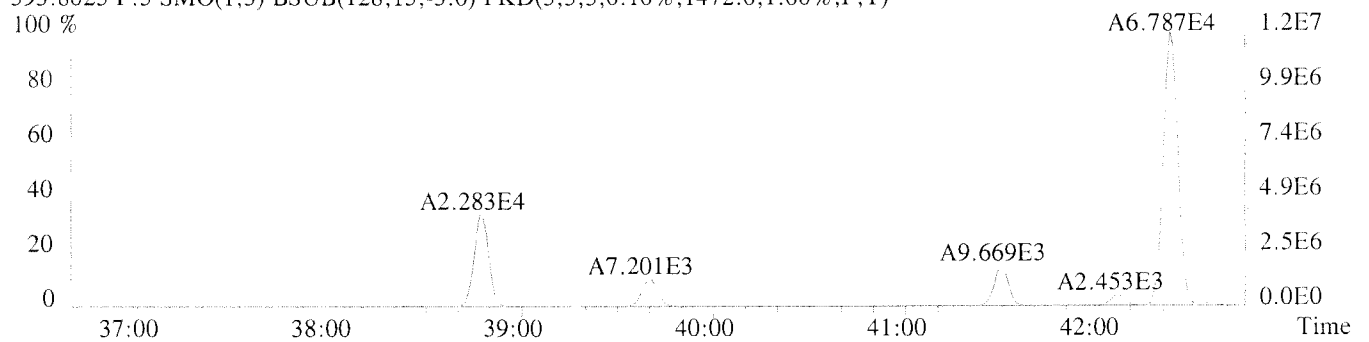
427.7635 F:6



File:U224752 #1-577 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-003 USENN/S022
 359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3.0.10%,5620.0,1.00%,F,T)
 200 %

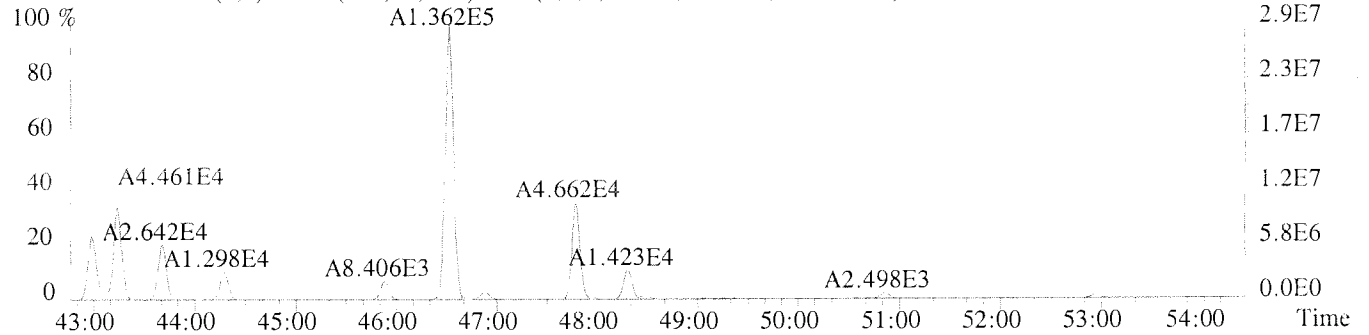


File:U224752 #1-391 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-003 USENN/S022
 393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1472.0,1.00%,F,T)
 100 %

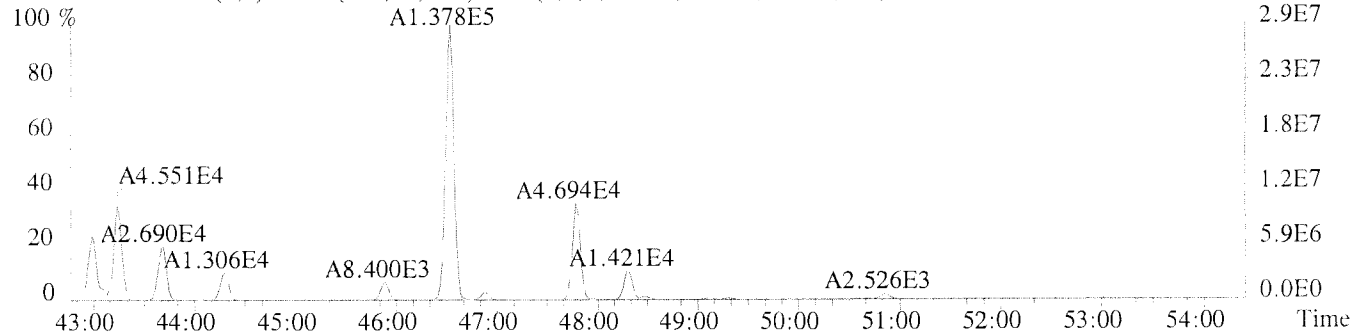


File:U224752 #1-577 Acq:I4-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-003 USENN/S022

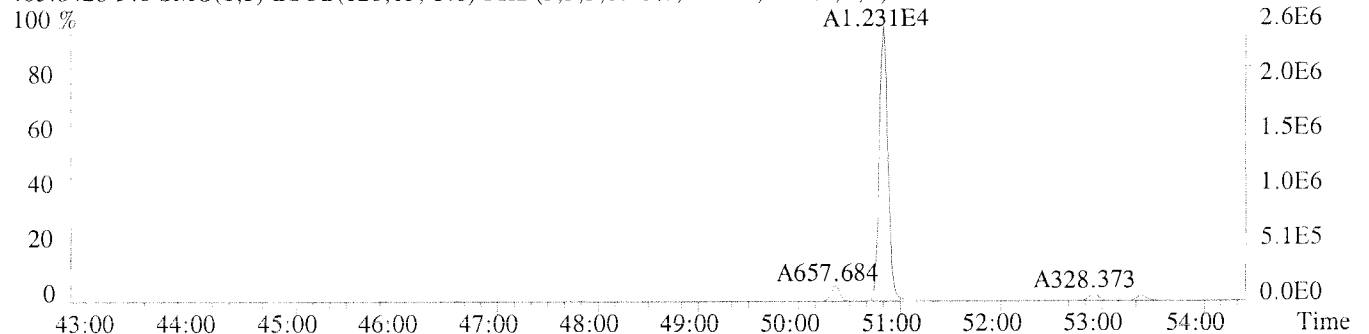
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13460.0,1.00%,F,T)



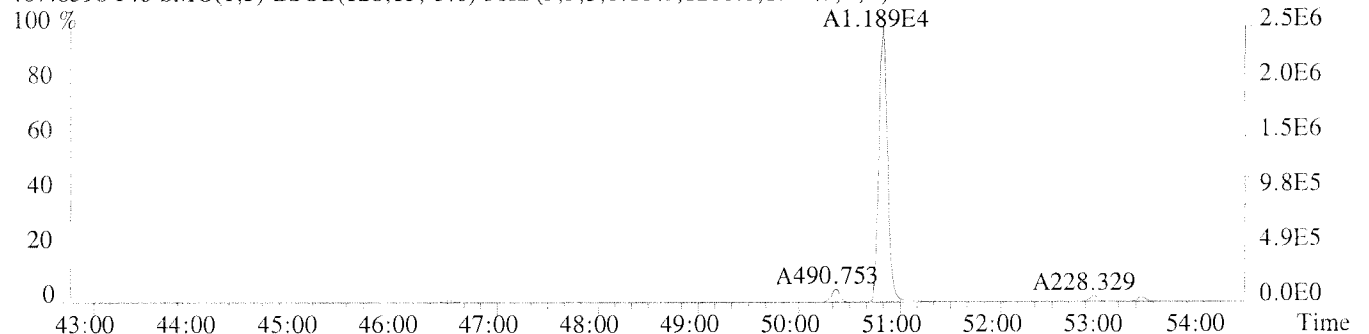
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1292.0,1.00%,F,T)



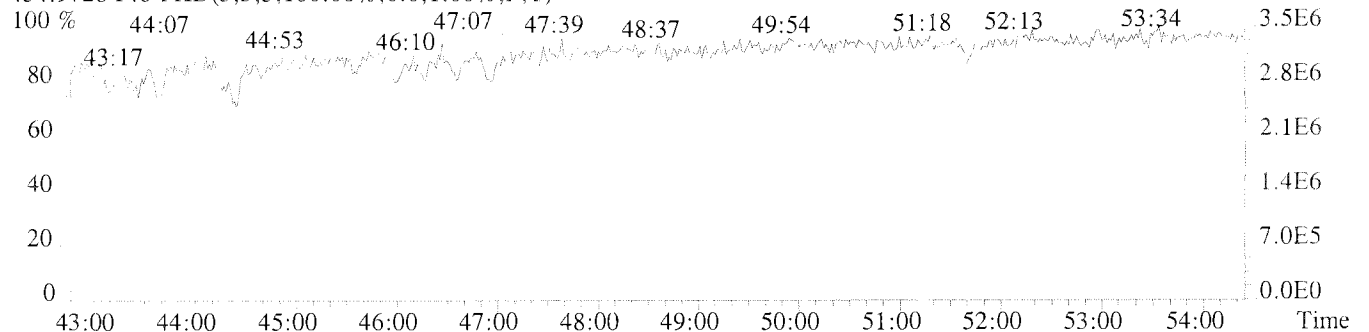
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1384.0,1.00%,F,T)



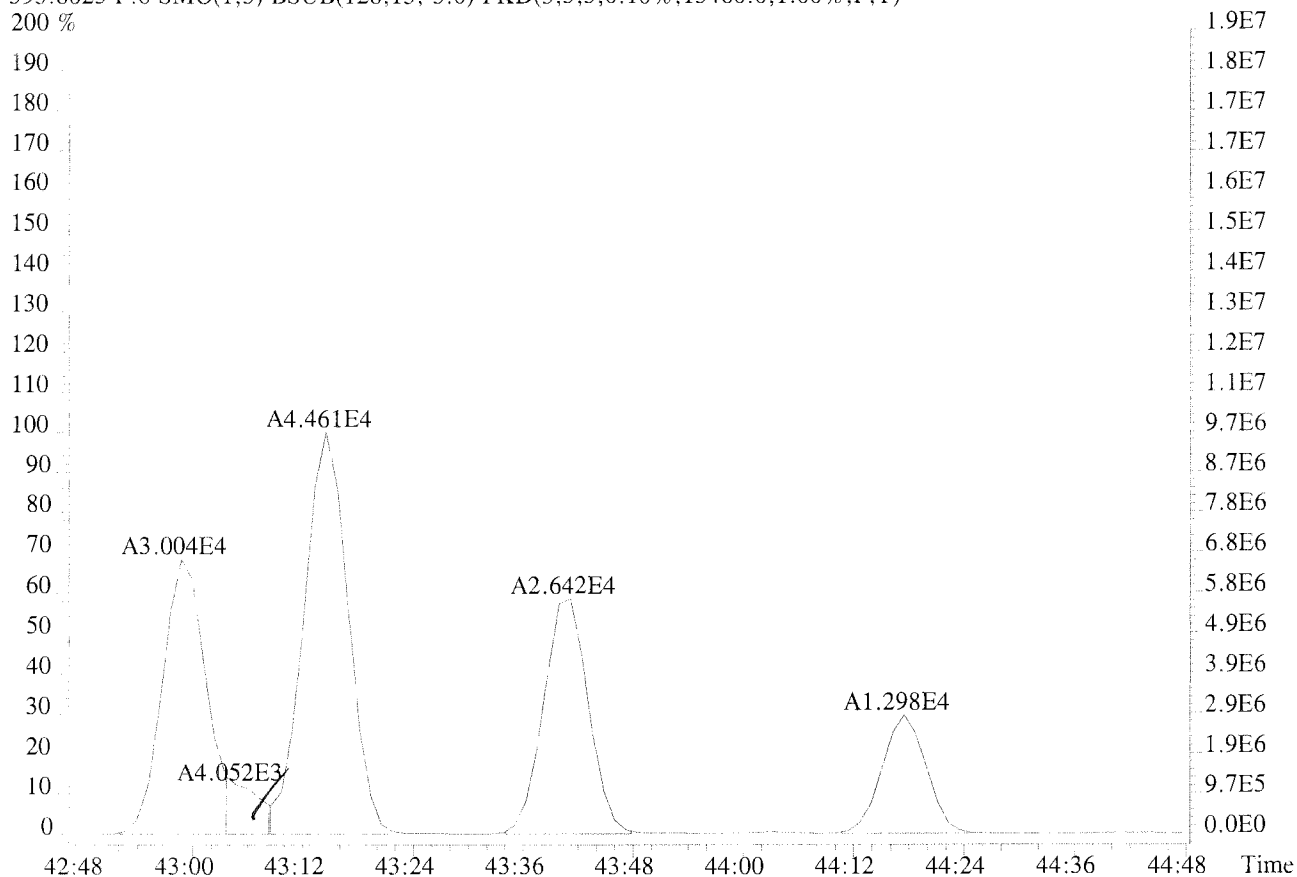
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1208.0,1.00%,F,T)



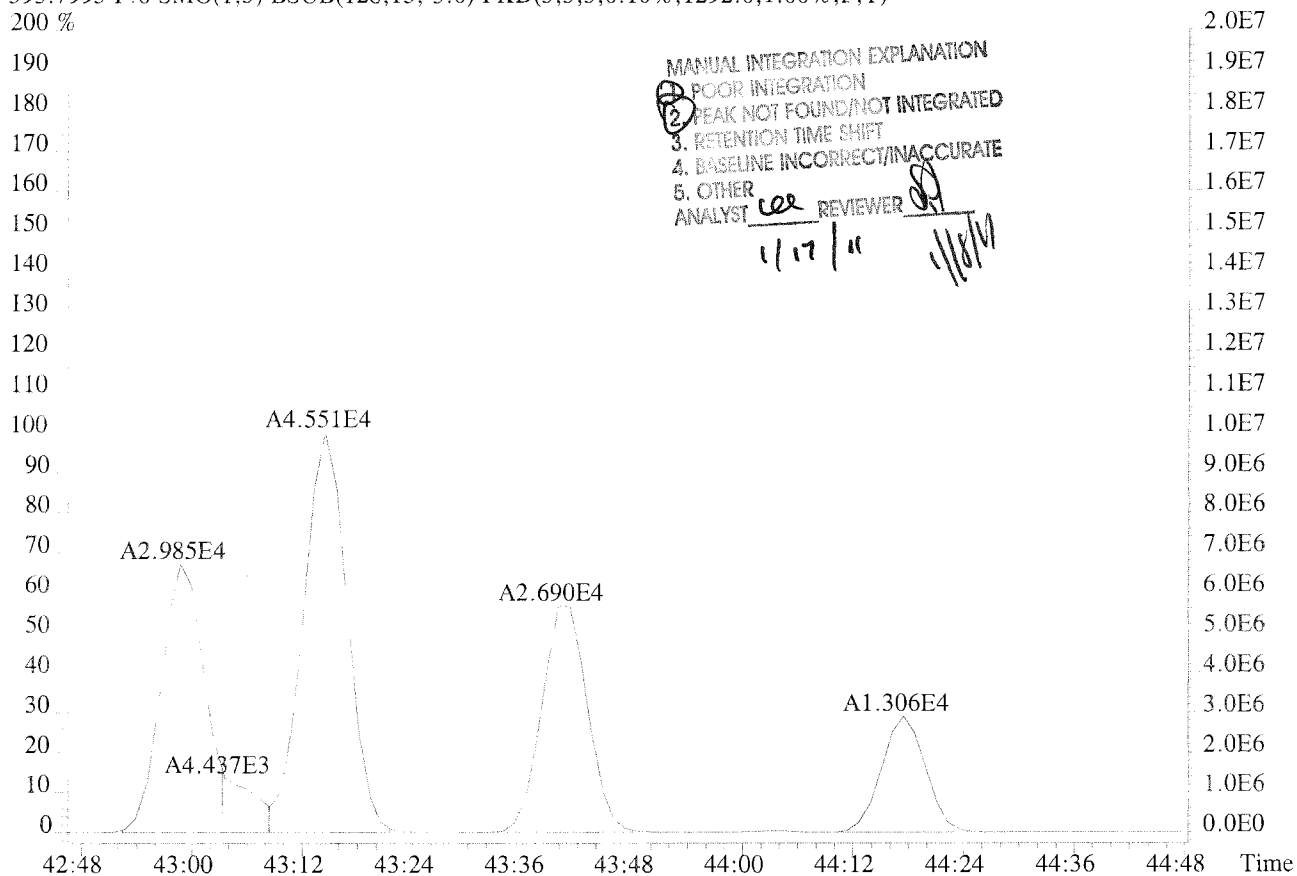
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



File:U224752 #1-577 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-003 USENN/S022
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13460.0,1.00%,F,T)
 200 %



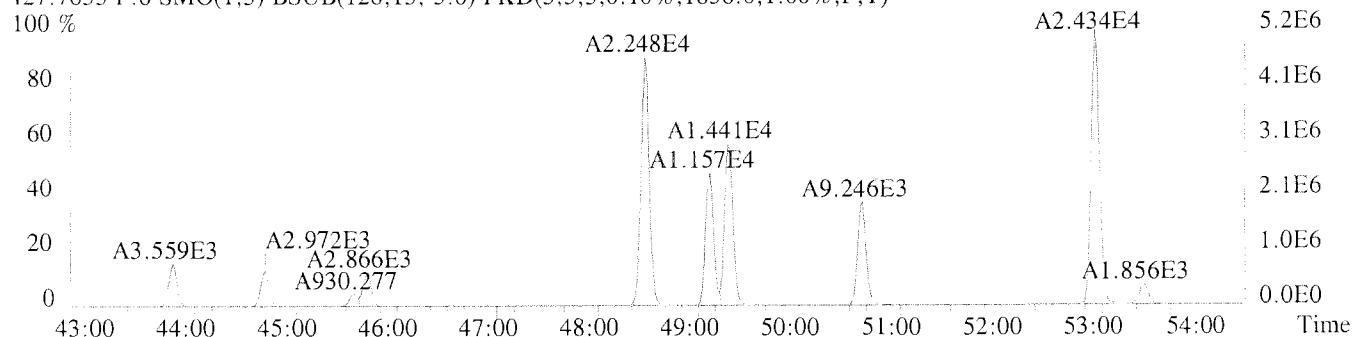
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1292.0,1.00%,F,T)
 200 %



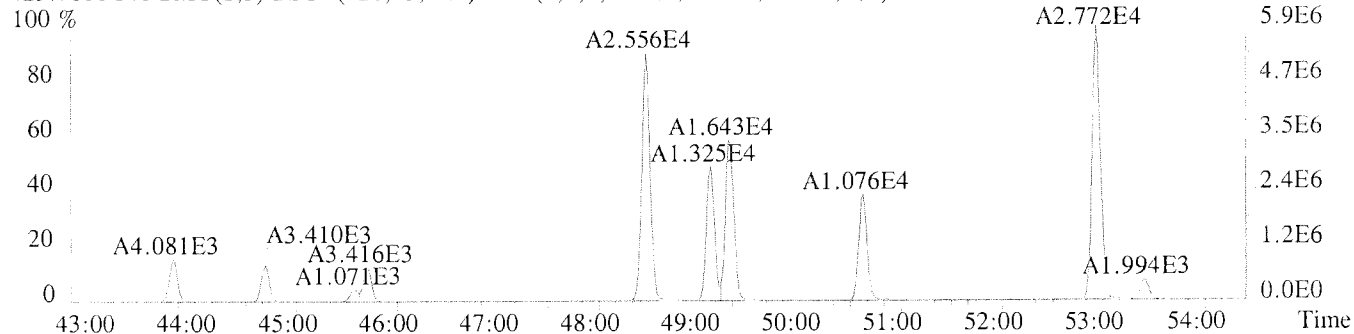
File:U224752 #1-577 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-003 USENN/S022

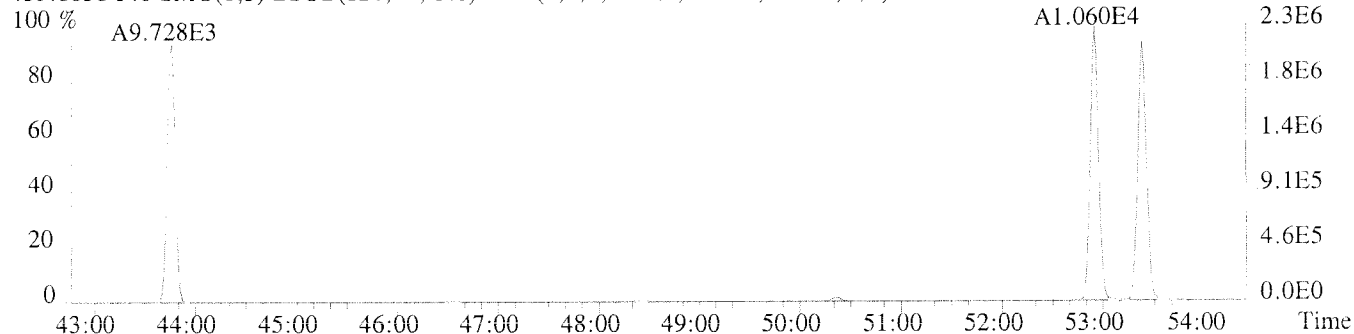
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1856.0,1.00%,F,T)



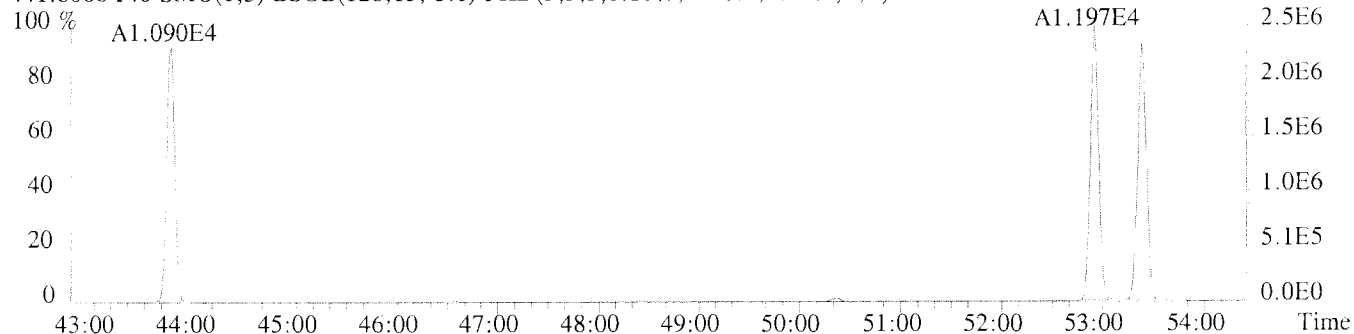
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2016.0,1.00%,F,T)



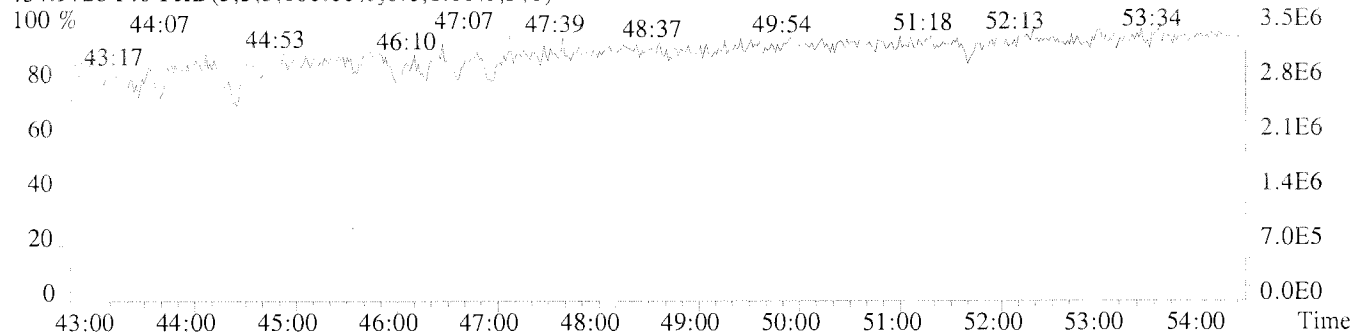
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1648.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1720.0,1.00%,F,T)



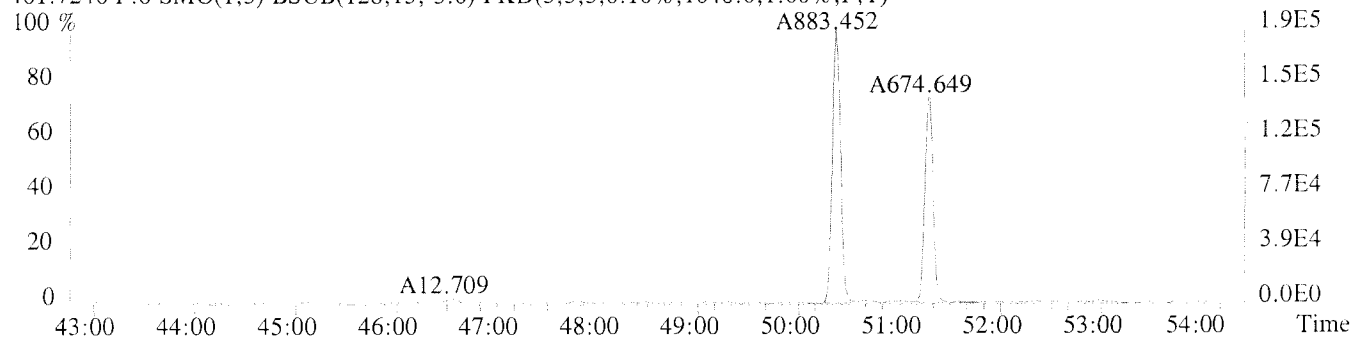
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



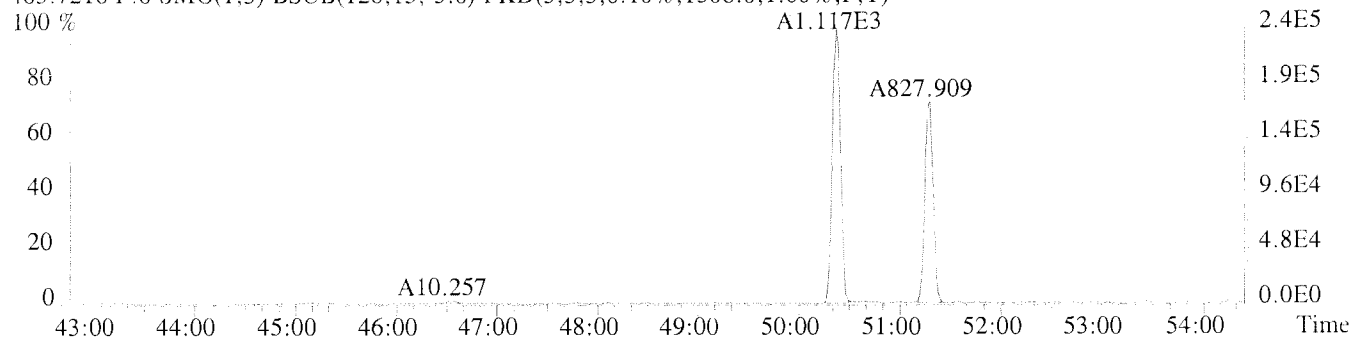
File:U224752 #1-577 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-003 USENN/S022

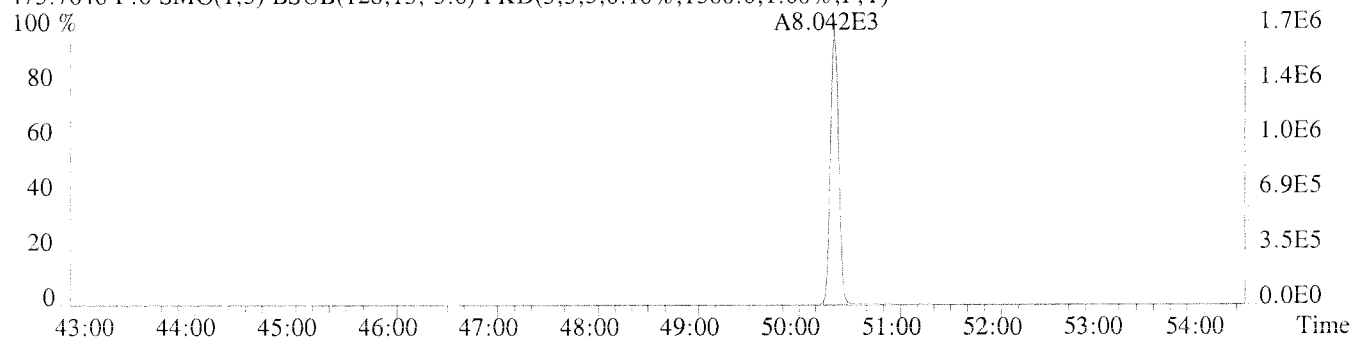
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1040.0,1.00%,F,T)



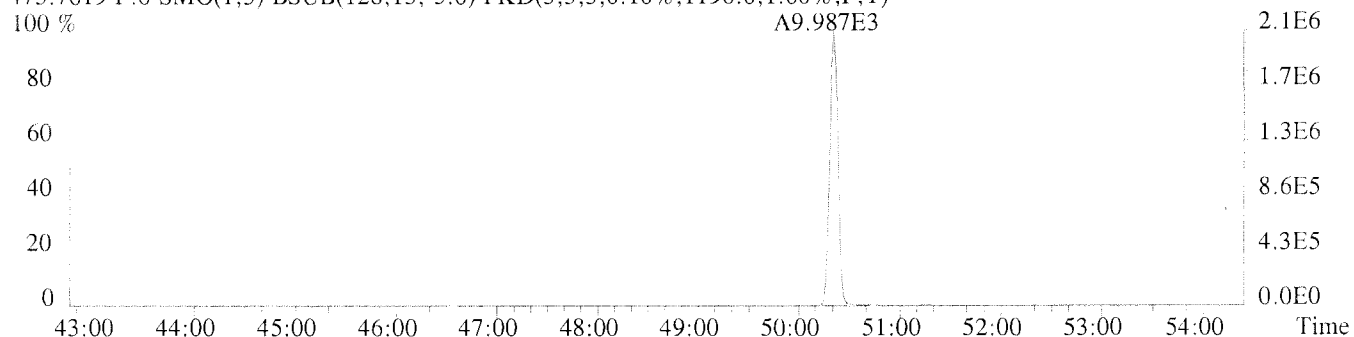
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1308.0,1.00%,F,T)



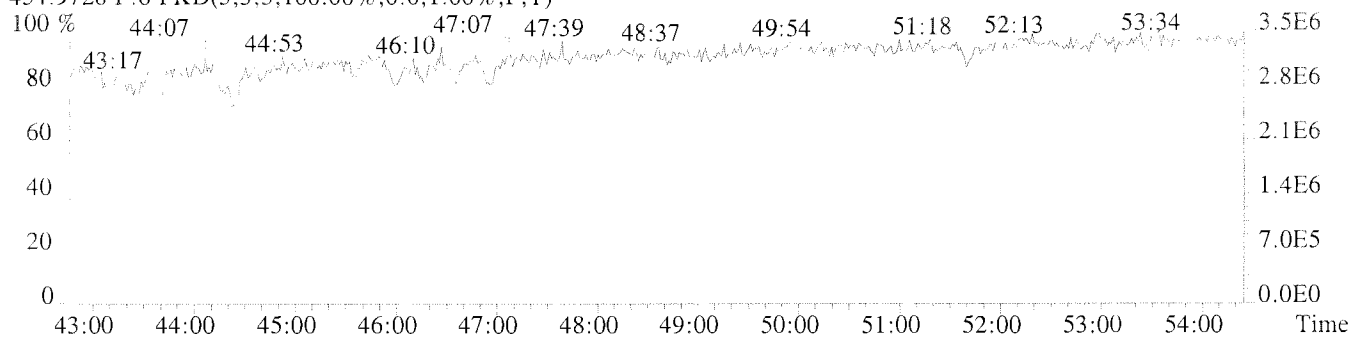
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1360.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1196.0,1.00%,F,T)



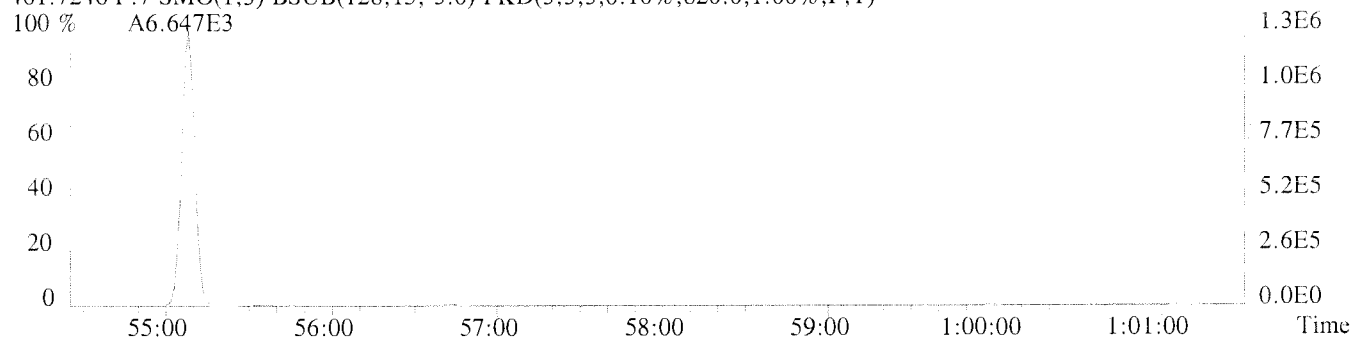
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



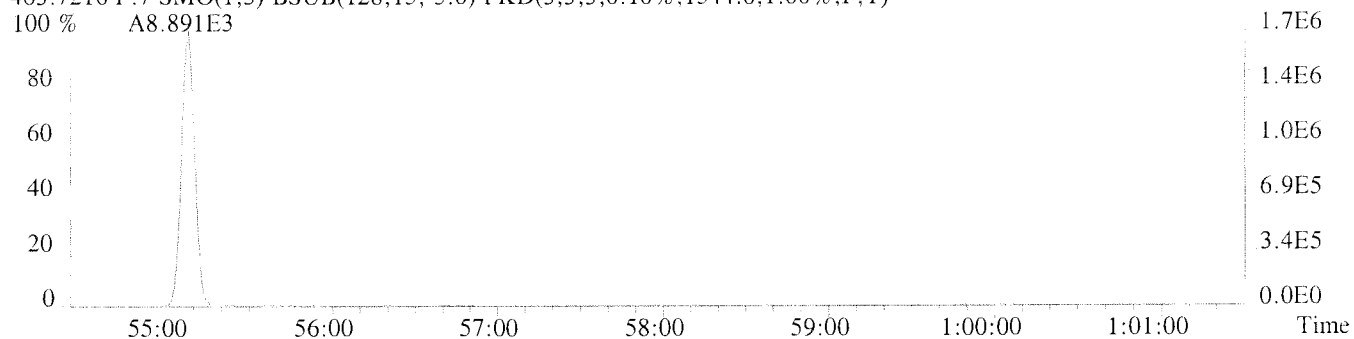
File:U224752 #1-400 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-003 USENN/S022

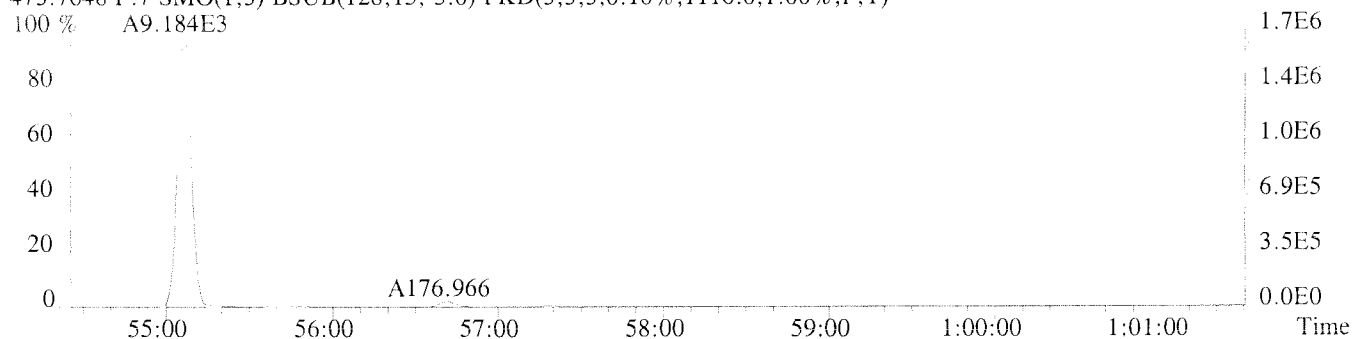
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,820.0,1.00%,F,T)



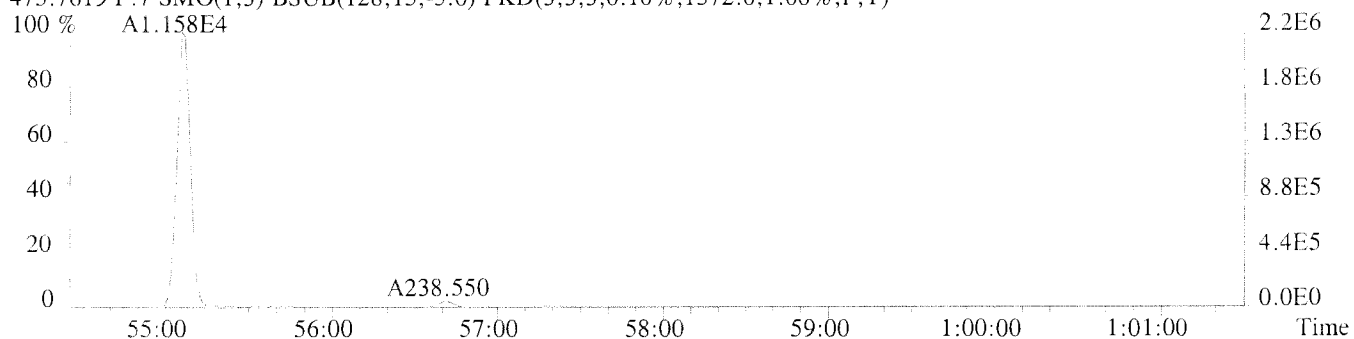
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1544.0,1.00%,F,T)



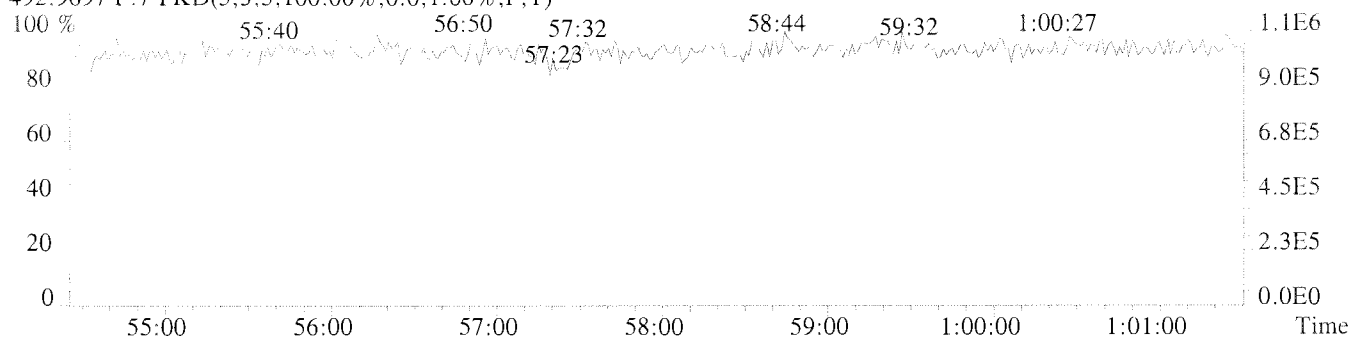
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1116.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1372.0,1.00%,F,T)

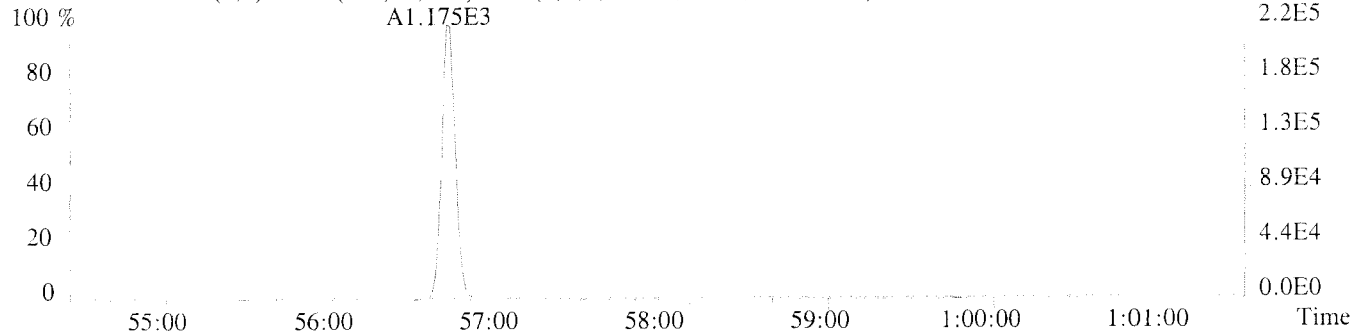


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

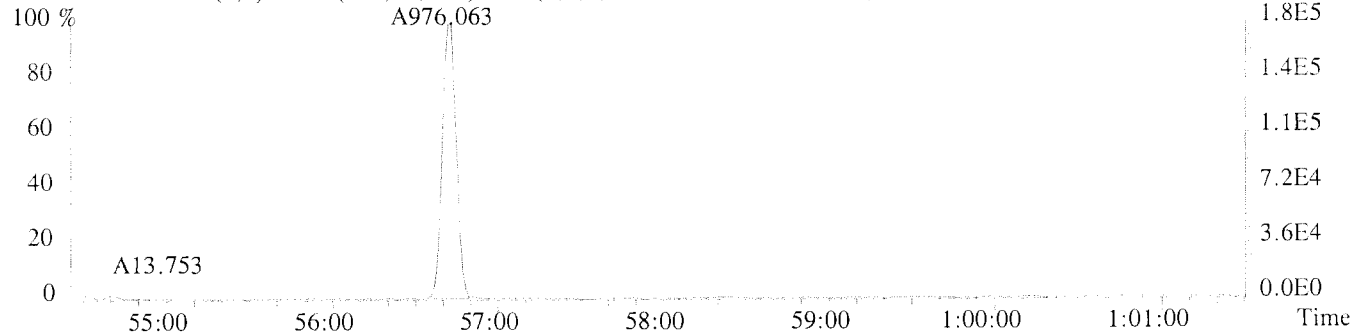


File:U224752 #1-400 Acq:14-JAN-2011 23:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-003 USENN/S022

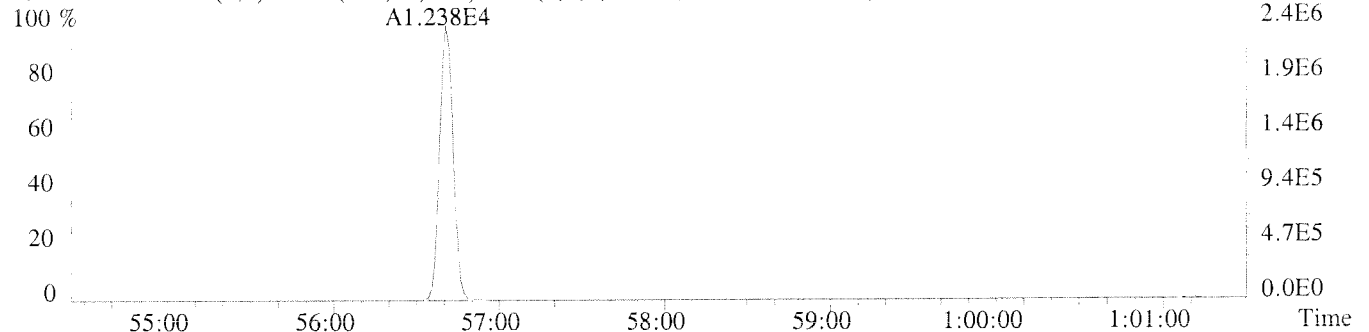
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,896.0,1.00%,F,T)



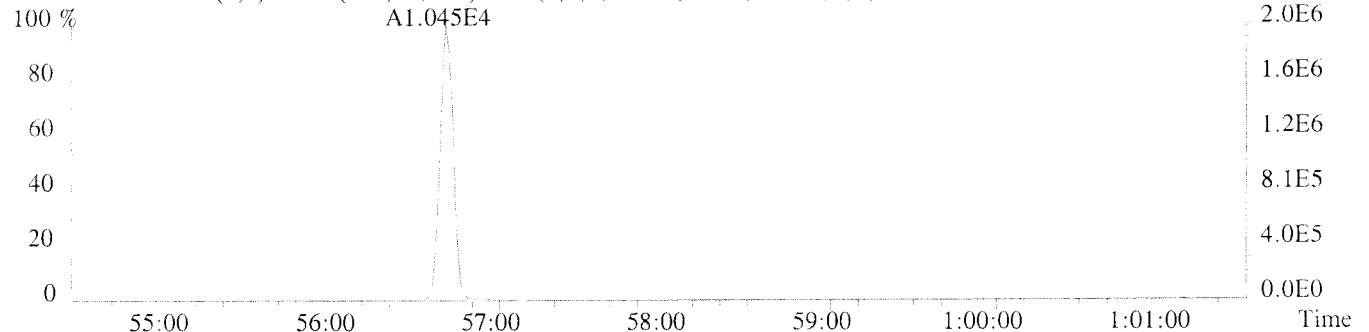
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,752.0,1.00%,F,T)



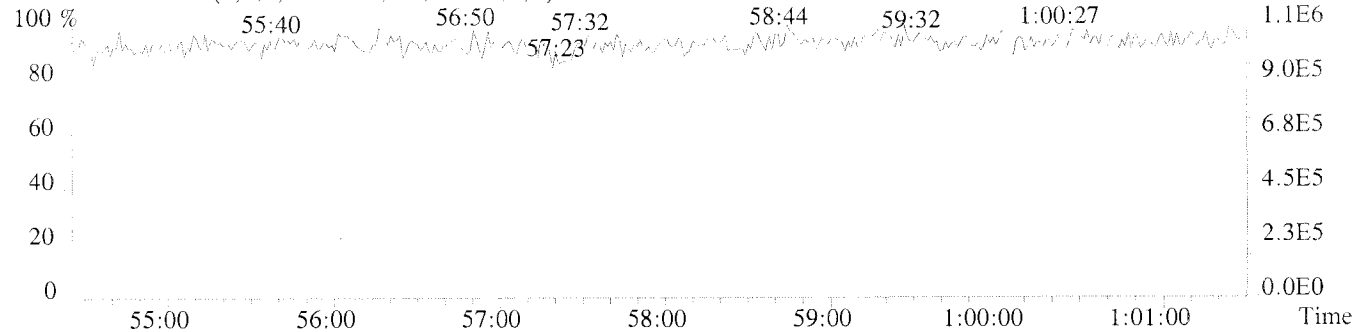
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,868.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-N/S-03-1

Run #13 Filename U224753
Processed: 17-JAN-11 14:53:45

Samp: 1 Inj: 1 Acquired: 15-JAN-11 00:50:00
Sample ID: K1013433-004

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet	Mod?	RRF
1	1	PCB-1	12:57	4.772e+03	1.458e+03	3.27	y n	1.062
2	1	PCB-2	14:58	3.566e+03	1.159e+03	3.08	y n	0.970
3	1	PCB-3	15:09	5.144e+03	1.685e+03	3.05	y n	1.057
4	1	PCB-4	15:24	3.303e+03	2.115e+03	1.56	y n	0.952
5	1	PCB-10	NotFnd	*	*	*	n n	1.379
6	2	PCB-9	17:24	1.948e+03	1.179e+03	1.65	y n	0.961
7	2	PCB-7	17:33	6.057e+02	3.706e+02	1.63	y n	1.000
8	2	PCB-6	17:48	5.237e+03	3.188e+03	1.64	y n	1.034
9	2	PCB-5	18:06	4.851e+02	2.518e+02	1.93	n n	0.868
10	2	PCB-8	18:14	1.648e+04	1.008e+04	1.64	y n	1.120
11	2	PCB-14	NotFnd	*	*	*	n n	1.036
12	2	PCB-11	20:41	5.610e+03	3.549e+03	1.58	y n	1.019
13	2	PCB-12/13	20:58	5.630e+03	3.443e+03	1.64	y n	1.003
14	2	PCB-15	21:19	1.376e+04	8.336e+03	1.65	y n	0.973
15	2	PCB-19	18:32	6.068e+02	5.935e+02	1.02	y n	1.021
16	2	PCB-18/30	20:23	1.057e+04	1.017e+04	1.04	y n	0.962
17	2	PCB-17	20:47	3.548e+03	3.406e+03	1.04	y n	0.821
18	2	PCB-27	21:00	9.199e+02	8.692e+02	1.06	y n	1.161
19	2	PCB-24	21:08	1.728e+02	1.733e+02	1.00	y n	1.040
20	2	PCB-16	21:16	3.225e+03	3.150e+03	1.02	y n	0.703
21	2	PCB-32	21:46	4.229e+03	3.948e+03	1.07	y n	1.231
22	3	PCB-34	23:01	1.401e+02	1.232e+02	1.14	y y	1.217
23	3	PCB-23	NotFnd	*	*	*	n y	1.177
24	3	PCB-26/29	23:29	6.016e+03	5.510e+03	1.09	y y	1.305
25	3	PCB-25	23:43	2.382e+03	2.074e+03	1.15	y y	1.447
26	3	PCB-31	24:02	3.790e+04	3.477e+04	1.09	y y	1.329
27	3	PCB-20/28	24:19	3.615e+04	3.408e+04	1.06	y y	1.237
28	3	PCB-21/33	24:34	1.852e+04	1.659e+04	1.12	y y	1.298
29	3	PCB-22	24:58	1.465e+04	1.320e+04	1.11	y y	1.151
30	3	PCB-36	NotFnd	*	*	*	n y	1.339
31	3	PCB-39	NotFnd	*	*	*	n y	1.296
32	3	PCB-38	NotFnd	*	*	*	n y	1.298
33	3	PCB-35	27:56	1.555e+03	1.679e+03	0.93	y y	1.251
34	3	PCB-37	28:20	2.122e+04	1.868e+04	1.14	y y	1.082
35	2	PCB-54	NotFnd	*	*	*	n y	0.963
36	3	PCB-50/53	23:46	1.787e+03	2.265e+03	0.79	y n	0.814
37	3	PCB-45/51	24:26	2.224e+03	2.951e+03	0.75	y n	0.783
38	3	PCB-46	24:45	6.497e+02	8.939e+02	0.73	y n	0.714
39	3	PCB-52	26:09	2.004e+04	2.576e+04	0.78	y n	0.881
40	3	PCB-43/73	26:23	6.400e+02	8.102e+02	0.79	y n	0.868
41	3	PCB-49/69	26:38	1.122e+04	1.392e+04	0.81	y n	0.997
42	3	PCB-48	26:55	3.922e+03	4.766e+03	0.82	y n	0.826
43	3	PCB-44/47/65	27:09	1.811e+04	2.298e+04	0.79	y n	0.917
44	3	PCB-59/62/75	27:28	2.036e+03	2.712e+03	0.75	y n	1.107
45	3	PCB-42	27:40	4.059e+03	5.408e+03	0.75	y n	0.836
46	3	PCB-40/41/71	28:10	1.020e+04	1.345e+04	0.76	y y	0.836
47	3	PCB-64	28:23	1.251e+04	1.635e+04	0.77	y y	1.169
48	3	PCB-72	29:11	1.175e+02	3.309e+02	0.36	n y	1.192
49	3	PCB-68	NotFnd	*	*	*	n n	1.160
50	3	PCB-57	29:54	8.150e+01	1.218e+02	0.67	y n	1.155

51	3	PCB-58	NotFnd	*	*	*	n	y	1.136
52	3	PCB-67	30:18	8.939e+02	1.275e+03	0.70	y	y	1.293
53	3	PCB-63	30:34	1.382e+03	1.858e+03	0.74	y	n	1.243
54	3	PCB-61/70/74/76	30:54	6.674e+04	8.572e+04	0.78	y	y	1.165
55	3	PCB-66	31:14	3.660e+04	4.688e+04	0.78	y	y	1.227
56	3	PCB-55	NotFnd	*	*	*	n	n	1.051
57	4	PCB-56	31:55	1.969e+04	2.375e+04	0.83	y	y	1.088
58	4	PCB-60	32:07	1.400e+04	1.672e+04	0.84	y	y	1.081
59	4	PCB-80	NotFnd	*	*	*	n	n	1.276
60	4	PCB-79	34:03	7.688e+02	1.291e+03	0.60	n	y	1.302
61	4	PCB-78	NotFnd	*	*	*	n	n	1.158
62	4	PCB-81	35:03	3.847e+02	4.548e+02	0.85	y	y	1.084
63	4	PCB-77	35:36	9.811e+03	1.159e+04	0.85	y	y	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:29	2.815e+02	1.850e+02	1.52	y	n	0.946
66	3	PCB-103	29:22	2.074e+02	1.458e+02	1.42	y	y	0.813
67	3	PCB-94	29:36	1.544e+02	9.792e+01	1.58	y	y	0.654
68	3	PCB-95	30:03	2.816e+04	1.818e+04	1.55	y	n	0.755
69	3	PCB-93/100	NotFnd	*	*	*	n	y	0.701
70	3	PCB-98/102	30:24	1.127e+03	7.651e+02	1.47	y	y	0.743
71	3	PCB-88/91	30:54	4.060e+03	2.654e+03	1.53	y	n	0.718
72	3	PCB-84	31:09	7.690e+03	5.021e+03	1.53	y	n	0.663
73	3	PCB-89	31:37	4.580e+02	2.941e+02	1.56	y	y	0.695
74	4	PCB-121	NotFnd	*	*	*	n	n	0.931
75	4	PCB-92	32:23	7.782e+03	5.137e+03	1.51	y	n	0.707
76	4	PCB-90/101/113	32:58	6.653e+04	4.199e+04	1.58	y	n	0.803
77	4	PCB-83/99	33:32	2.281e+04	1.459e+04	1.56	y	n	0.680
78	4	PCB-112	NotFnd	*	*	*	n	n	1.013
79	4	PCB-86/87/97/109/119/125	34:09	4.062e+04	2.629e+04	1.54	y	y	0.823
80	4	PCB-117	34:41	1.469e+03	9.855e+02	1.49	y	y	0.848
81	4	PCB-85/116	34:46	9.611e+03	6.090e+03	1.58	y	y	0.886
82	4	PCB-110/115	34:56	8.670e+04	5.512e+04	1.57	y	y	0.968
83	4	PCB-82	35:16	6.650e+03	4.218e+03	1.58	y	y	0.655
84	4	PCB-111	NotFnd	*	*	*	n	n	0.921
85	4	PCB-120	36:05	3.553e+02	2.964e+02	1.20	n	y	1.028
86	5	PCB-108/124	37:13	4.266e+03	2.665e+03	1.60	y	n	0.913
87	5	PCB-107	37:27	7.978e+03	4.943e+03	1.61	y	y	1.038
88	5	PCB-123	37:34	2.194e+03	1.267e+03	1.73	y	y	1.076
89	5	PCB-106	NotFnd	*	*	*	n	n	1.093
90	5	PCB-118	37:53	1.081e+05	6.899e+04	1.57	y	n	1.103
91	5	PCB-122	38:15	1.405e+03	7.292e+02	1.93	n	y	0.946
92	5	PCB-114	38:25	3.914e+03	2.734e+03	1.43	y	y	1.079
93	5	PCB-105	39:05	5.782e+04	3.664e+04	1.58	y	n	1.059
94	5	PCB-127	NotFnd	*	*	*	n	n	0.969
95	5	PCB-126	42:09	2.742e+03	1.683e+03	1.63	y	y	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	32:56	8.376e+01	4.077e+01	2.05	n	n	1.196
98	4	PCB-150	33:06	2.413e+02	1.907e+02	1.27	y	n	1.105
99	4	PCB-136	33:29	1.443e+04	1.146e+04	1.26	y	n	1.166
100	4	PCB-145	NotFnd	*	*	*	n	n	1.078
101	4	PCB-148	35:14	7.445e+01	3.708e+01	2.01	n	n	0.887
102	4	PCB-135/151	35:50	3.847e+04	3.061e+04	1.26	y	n	0.852
103	4	PCB-154	36:05	1.127e+03	8.774e+02	1.28	y	n	1.019
104	4	PCB-144	36:24	6.297e+03	5.091e+03	1.24	y	n	0.901
105	5	PCB-147/149	36:46	1.153e+05	9.216e+04	1.25	y	n	0.938
106	5	PCB-134	36:58	5.619e+03	4.571e+03	1.23	y	n	0.768
107	5	PCB-143	NotFnd	*	*	*	n	n	0.946

108	5	PCB-139/140	37:21	1.160e+03	9.014e+02	1.29	y	n	0.945
109	5	PCB-131	37:34	1.015e+03	8.307e+02	1.22	y	n	0.866
110	5	PCB-142	NotFnd	*	*	*	n	n	0.847
111	5	PCB-132	38:02	3.721e+04	2.964e+04	1.26	y	n	0.808
112	5	PCB-133	38:30	1.607e+03	1.298e+03	1.24	y	n	0.877
113	5	PCB-165	NotFnd	*	*	*	n	n	1.086
114	5	PCB-146	39:08	2.446e+04	1.938e+04	1.26	y	n	1.059
115	5	PCB-161	NotFnd	*	*	*	n	n	1.225
116	5	PCB-153/168	39:44	1.948e+05	1.557e+05	1.25	y	n	1.100
117	5	PCB-141	39:57	3.620e+04	2.925e+04	1.24	y	n	0.943
118	5	PCB-130	40:22	6.718e+03	5.304e+03	1.27	y	n	0.820
119	5	PCB-137	40:34	3.093e+03	2.499e+03	1.24	y	n	0.903
120	5	PCB-164	40:41	1.453e+04	1.163e+04	1.25	y	n	1.163
121	5	PCB-129/138/163	41:00	1.871e+05	1.491e+05	1.25	y	n	0.964
122	5	PCB-160	NotFnd	*	*	*	n	n	1.113
123	5	PCB-158	41:23	2.481e+04	1.977e+04	1.26	y	n	1.305
124	5	PCB-128/166	42:16	2.323e+04	1.808e+04	1.29	y	n	1.022
125	6	PCB-159	43:12	3.314e+03	2.461e+03	1.35	y	n	1.041
126	6	PCB-162	43:30	8.252e+02	6.318e+02	1.31	y	y	1.002
127	6	PCB-167	43:59	9.318e+03	7.433e+03	1.25	y	n	1.030
128	6	PCB-156/157	45:07	2.160e+04	1.698e+04	1.27	y	n	1.064
129	6	PCB-169	48:21	4.710e+02	3.481e+02	1.35	y	y	1.036
130	5	PCB-188	NotFnd	*	*	*	n	n	0.950
131	5	PCB-179	38:46	2.323e+04	2.247e+04	1.03	y	n	1.159
132	5	PCB-184	NotFnd	*	*	*	n	n	1.104
133	5	PCB-176	39:38	7.571e+03	7.302e+03	1.04	y	n	1.108
134	5	PCB-186	NotFnd	*	*	*	n	n	1.022
135	5	PCB-178	41:27	1.025e+04	9.740e+03	1.05	y	n	0.787
136	5	PCB-175	42:04	2.535e+03	2.482e+03	1.02	y	y	0.833
137	5	PCB-187	42:20	7.222e+04	6.920e+04	1.04	y	y	0.869
138	5	PCB-182	NotFnd	*	*	*	n	n	0.857
139	6	PCB-183	42:56	3.186e+04	3.248e+04	0.98	y	y	0.680
140	6	PCB-185	43:01	5.302e+03	5.220e+03	1.02	y	y	0.693
141	6	PCB-174	43:12	5.337e+04	5.296e+04	1.01	y	n	0.684
142	6	PCB-177	43:39	3.070e+04	3.111e+04	0.99	y	n	0.646
143	6	PCB-181	NotFnd	*	*	*	n	n	0.647
144	6	PCB-171/173	44:15	1.499e+04	1.505e+04	1.00	y	n	0.635
145	6	PCB-172	45:52	9.388e+03	9.309e+03	1.01	y	n	0.624
146	6	PCB-192	NotFnd	*	*	*	n	n	0.747
147	6	PCB-180/193	46:30	1.541e+05	1.537e+05	1.00	y	n	0.763
148	6	PCB-191	46:51	3.972e+03	3.794e+03	1.05	y	n	0.832
149	6	PCB-170	47:46	5.498e+04	5.450e+04	1.01	y	n	0.588
150	6	PCB-190	48:17	1.686e+04	1.666e+04	1.01	y	n	0.894
151	6	PCB-189	50:50	2.820e+03	2.850e+03	0.99	y	n	0.912
152	6	PCB-202	43:45	3.952e+03	4.354e+03	0.91	y	n	0.869
153	6	PCB-201	44:39	3.302e+03	3.686e+03	0.90	y	n	1.015
154	6	PCB-204	NotFnd	*	*	*	n	n	1.005
155	6	PCB-197	45:33	8.813e+02	1.024e+03	0.86	y	n	1.019
156	6	PCB-200	45:41	3.441e+03	3.872e+03	0.89	y	n	0.976
157	6	PCB-198/199	48:27	2.469e+04	2.817e+04	0.88	y	n	0.688
158	6	PCB-196	49:06	1.275e+04	1.445e+04	0.88	y	n	0.730
159	6	PCB-203	49:18	1.585e+04	1.813e+04	0.87	y	n	0.731
160	6	PCB-195	50:37	1.061e+04	1.191e+04	0.89	y	n	0.682
161	6	PCB-194	52:56	2.755e+04	3.121e+04	0.88	y	n	0.689
162	6	PCB-205	53:24	2.009e+03	2.212e+03	0.91	y	n	0.933
163	6	PCB-208	50:21	8.689e+02	1.047e+03	0.83	y	n	0.915
164	6	PCB-207	51:17	6.714e+02	8.807e+02	0.76	y	n	0.967

165	7	PCB-206	55:07	7.595e+03	1.000e+04	0.76	y	n	0.937
166	7	PCB-209	56:42	8.645e+02	7.420e+02	1.17	y	n	0.925
167	1	PCB-1L	12:56	1.418e+04	4.634e+03	3.06	y	n	1.162
168	1	PCB-3L	15:08	1.563e+04	4.792e+03	3.26	y	n	1.187
169	1	PCB-4L	15:23	7.077e+03	4.428e+03	1.60	y	n	0.907
170	2	PCB-15L	21:18	1.551e+04	9.946e+03	1.56	y	n	1.030
171	2	PCB-19L	18:31	5.324e+03	5.029e+03	1.06	y	n	0.615
172	3	PCB-37L	28:19	1.598e+04	1.553e+04	1.03	y	n	1.320
173	2	PCB-54L	21:35	6.001e+03	7.265e+03	0.83	y	n	1.261
174	4	PCB-81L	35:02	1.228e+04	1.572e+04	0.78	y	n	1.088
175	4	PCB-77L	35:35	1.280e+04	1.638e+04	0.78	y	n	1.091
176	3	PCB-104L	27:04	1.037e+04	6.456e+03	1.61	y	n	1.480
177	5	PCB-123L	37:33	1.662e+04	1.075e+04	1.54	y	n	1.214
178	5	PCB-118L	37:53	1.758e+04	1.102e+04	1.60	y	n	1.246
179	5	PCB-114L	38:24	1.734e+04	1.079e+04	1.61	y	n	1.236
180	5	PCB-105L	39:04	1.725e+04	1.100e+04	1.57	y	n	1.197
181	5	PCB-126L	42:08	1.880e+04	1.207e+04	1.56	y	n	1.105
182	4	PCB-155L	32:41	1.225e+04	9.363e+03	1.31	y	n	1.599
183	6	PCB-167L	43:57	1.222e+04	9.763e+03	1.25	y	n	1.051
184	6	PCB-156/157L	45:07	2.420e+04	1.909e+04	1.27	y	n	0.962
185	6	PCB-169L	48:20	1.184e+04	9.871e+03	1.20	y	n	0.886
186	5	PCB-188L	38:23	1.075e+04	1.018e+04	1.06	y	n	2.483
187	6	PCB-189L	50:49	1.002e+04	9.535e+03	1.05	y	n	1.503
188	6	PCB-202L	43:44	8.000e+03	8.903e+03	0.90	y	n	1.757
189	6	PCB-205L	53:23	8.454e+03	9.300e+03	0.91	y	n	1.317
190	6	PCB-208L	50:20	6.428e+03	8.006e+03	0.80	y	n	1.446
191	7	PCB-206L	55:06	8.191e+03	1.043e+04	0.79	y	n	1.176
192	7	PCB-209L	56:41	1.054e+04	8.757e+03	1.20	y	n	1.606
193	3	PCB-28L	24:18	1.597e+04	1.544e+04	1.03	y	n	1.538
194	4	PCB-111L	35:35	1.464e+04	9.470e+03	1.55	y	n	1.238
195	5	PCB-178L	41:25	8.002e+03	7.711e+03	1.04	y	n	1.355
196	2	PCB-9L	17:23	2.888e+04	1.855e+04	1.56	y	n	-
197	3	PCB-52L	26:08	1.318e+04	1.665e+04	0.79	y	n	-
198	4	PCB-101L	32:56	1.794e+04	1.115e+04	1.61	y	n	-
199	5	PCB-138L	40:58	1.836e+04	1.455e+04	1.26	y	n	-
200	6	PCB-194L	52:54	9.081e+03	1.002e+04	0.91	y	n	-

-- Sample Calculation--

$$\text{PCB-209} = \frac{(8.645e+02 + 7.420e+02) \times (100.0 \times 100.0) \text{ pg} \times 1}{(1.054e+04 + 8.757e+03) \times (5.689 \text{ g}) \times (100 - \quad) / 100 \times 0.9245} = 158 \text{ ng/g}$$

158 ng/g
1/19/11
[Signature]

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sp166respa
02/2009

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio SummaryCLIENT ID.
USEN-N/S-03-1

Run #13 Filename U224753#1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 00:50:00

Processed: 17-JAN-11 14:53:45 LAB. ID: K1013433-004

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	1.30e+06	1.01e+03	1.3e+03	4.06e+05	1.27e+03	3.2e+02
2	PCB-2	7.88e+05	1.01e+03	7.8e+02	2.60e+05	1.27e+03	2.0e+02
3	PCB-3	1.09e+06	1.01e+03	1.1e+03	3.51e+05	1.27e+03	2.8e+02
4	PCB-4	7.79e+05	6.78e+03	1.1e+02	5.24e+05	8.27e+04	6.3e+00
5	PCB-10	*	6.78e+03	*	*	8.27e+04	*
6	PCB-9	4.54e+05	1.90e+03	2.4e+02	2.74e+05	1.59e+04	1.7e+01
7	PCB-7	1.32e+05	1.90e+03	6.9e+01	7.86e+04	1.59e+04	4.9e+00
8	PCB-6	1.26e+06	1.90e+03	6.6e+02	7.79e+05	1.59e+04	4.9e+01
9	PCB-5	1.25e+05	1.90e+03	6.6e+01	7.19e+04	1.59e+04	4.5e+00
10	PCB-8	3.75e+06	1.90e+03	2.0e+03	2.30e+06	1.59e+04	1.4e+02
11	PCB-14	*	1.90e+03	*	*	1.59e+04	*
12	PCB-11	1.17e+06	1.90e+03	6.1e+02	7.48e+05	1.59e+04	4.7e+01
13	PCB-12/13	1.02e+06	1.90e+03	5.4e+02	6.45e+05	1.59e+04	4.1e+01
14	PCB-15	2.65e+06	1.90e+03	1.4e+03	1.67e+06	1.59e+04	1.1e+02
15	PCB-19	1.52e+05	2.77e+03	5.5e+01	1.48e+05	1.72e+03	8.6e+01
16	PCB-18/30	2.35e+06	2.77e+03	8.5e+02	2.25e+06	1.72e+03	1.3e+03
17	PCB-17	7.99e+05	2.77e+03	2.9e+02	7.66e+05	1.72e+03	4.5e+02
18	PCB-27	1.97e+05	2.77e+03	7.1e+01	1.85e+05	1.72e+03	1.1e+02
19	PCB-24	4.95e+04	2.77e+03	1.8e+01	4.94e+04	1.72e+03	2.9e+01
20	PCB-16	6.96e+05	2.77e+03	2.5e+02	6.90e+05	1.72e+03	4.0e+02
21	PCB-32	9.09e+05	2.77e+03	3.3e+02	8.65e+05	1.72e+03	5.0e+02
22	PCB-34	2.58e+04	6.56e+03	3.9e+00	2.73e+04	9.05e+03	3.0e+00
23	PCB-23	*	6.56e+03	*	*	9.05e+03	*
24	PCB-26/29	1.14e+06	6.56e+03	1.7e+02	1.06e+06	9.05e+03	1.2e+02
25	PCB-25	4.15e+05	6.56e+03	6.3e+01	3.95e+05	9.05e+03	4.4e+01
26	PCB-31	6.94e+06	6.56e+03	1.1e+03	6.40e+06	9.05e+03	7.1e+02
27	PCB-20/28	6.20e+06	6.56e+03	9.4e+02	5.96e+06	9.05e+03	6.6e+02
28	PCB-21/33	3.18e+06	6.56e+03	4.8e+02	2.94e+06	9.05e+03	3.2e+02
29	PCB-22	2.55e+06	6.56e+03	3.9e+02	2.42e+06	9.05e+03	2.7e+02
30	PCB-36	*	6.56e+03	*	*	9.05e+03	*
31	PCB-39	*	6.56e+03	*	*	9.05e+03	*
32	PCB-38	*	6.56e+03	*	*	9.05e+03	*
33	PCB-35	2.82e+05	6.56e+03	4.3e+01	2.82e+05	9.05e+03	3.1e+01
34	PCB-37	3.37e+06	6.56e+03	5.1e+02	3.08e+06	9.05e+03	3.4e+02
35	PCB-54	*	6.56e+03	*	*	1.20e+03	*
36	PCB-50/53	3.49e+05	9.48e+02	3.7e+02	4.55e+05	1.26e+03	3.6e+02
37	PCB-45/51	3.31e+05	9.48e+02	3.5e+02	4.46e+05	1.26e+03	3.5e+02
38	PCB-46	1.27e+05	9.48e+02	1.3e+02	1.77e+05	1.26e+03	1.4e+02
39	PCB-52	3.81e+06	9.48e+02	4.0e+03	4.89e+06	1.26e+03	3.9e+03
40	PCB-43/73	1.11e+05	9.48e+02	1.2e+02	1.40e+05	1.26e+03	1.1e+02
41	PCB-49/69	2.09e+06	9.48e+02	2.2e+03	2.66e+06	1.26e+03	2.1e+03
42	PCB-48	7.40e+05	9.48e+02	7.8e+02	9.19e+05	1.26e+03	7.3e+02
43	PCB-44/47/65	3.12e+06	9.48e+02	3.3e+03	4.02e+06	1.26e+03	3.2e+03
44	PCB-59/62/75	3.62e+05	9.48e+02	3.8e+02	4.81e+05	1.26e+03	3.8e+02
45	PCB-42	7.47e+05	9.48e+02	7.9e+02	9.76e+05	1.26e+03	7.8e+02
46	PCB-40/41/71	1.65e+06	9.48e+02	1.7e+03	2.11e+06	1.26e+03	1.7e+03
47	PCB-64	2.29e+06	9.48e+02	2.4e+03	2.95e+06	1.26e+03	2.3e+03

48	PCB-72	3.05e+04	9.48e+02	3.2e+01	6.18e+04	1.26e+03	4.9e+01
49	PCB-68	*	9.48e+02	*	*	1.26e+03	*
50	PCB-57	2.11e+04	9.48e+02	2.2e+01	3.13e+04	1.26e+03	2.5e+01
51	PCB-58	*	9.48e+02	*	*	1.26e+03	*
52	PCB-67	1.67e+05	9.48e+02	1.8e+02	2.26e+05	1.26e+03	1.8e+02
53	PCB-63	2.40e+05	9.48e+02	2.5e+02	3.36e+05	1.26e+03	2.7e+02
54	PCB-61/70/74/76	8.72e+06	9.48e+02	9.2e+03	1.12e+07	1.26e+03	8.9e+03
55	PCB-66	6.05e+06	9.48e+02	6.4e+03	7.76e+06	1.26e+03	6.2e+03
56	PCB-55	*	9.48e+02	*	*	1.26e+03	*
57	PCB-56	3.44e+06	8.47e+03	4.1e+02	4.20e+06	7.84e+03	5.3e+02
58	PCB-60	2.29e+06	8.47e+03	2.7e+02	2.71e+06	7.84e+03	3.5e+02
59	PCB-80	*	8.47e+03	*	*	7.84e+03	*
60	PCB-79	1.57e+05	8.47e+03	1.9e+01	2.10e+05	7.84e+03	2.7e+01
61	PCB-78	*	8.47e+03	*	*	7.84e+03	*
62	PCB-81	7.22e+04	8.47e+03	8.5e+00	8.30e+04	7.84e+03	1.1e+01
63	PCB-77	1.43e+06	8.47e+03	1.7e+02	1.78e+06	7.84e+03	2.3e+02
64	PCB-104	*	8.92e+02	*	*	1.11e+03	*
65	PCB-96	5.71e+04	8.92e+02	6.4e+01	3.65e+04	1.11e+03	3.3e+01
66	PCB-103	3.93e+04	8.92e+02	4.4e+01	2.91e+04	1.11e+03	2.6e+01
67	PCB-94	3.10e+04	8.92e+02	3.5e+01	2.03e+04	1.11e+03	1.8e+01
68	PCB-95	5.28e+06	8.92e+02	5.9e+03	3.38e+06	1.11e+03	3.0e+03
69	PCB-93/100	*	8.92e+02	*	*	1.11e+03	*
70	PCB-98/102	2.01e+05	8.92e+02	2.3e+02	1.31e+05	1.11e+03	1.2e+02
71	PCB-88/91	7.37e+05	8.92e+02	8.3e+02	4.89e+05	1.11e+03	4.4e+02
72	PCB-84	1.42e+06	8.92e+02	1.6e+03	8.99e+05	1.11e+03	8.1e+02
73	PCB-89	8.48e+04	8.92e+02	9.5e+01	5.51e+04	1.11e+03	5.0e+01
74	PCB-121	*	4.15e+03	*	*	1.05e+04	*
75	PCB-92	1.42e+06	4.15e+03	3.4e+02	9.02e+05	1.05e+04	8.6e+01
76	PCB-90/101/113	1.20e+07	4.15e+03	2.9e+03	7.53e+06	1.05e+04	7.2e+02
77	PCB-83/99	3.78e+06	4.15e+03	9.1e+02	2.41e+06	1.05e+04	2.3e+02
78	PCB-112	*	4.15e+03	*	*	1.05e+04	*
79	CB-86/87/97/109/119/125	4.16e+06	4.15e+03	1.0e+03	2.67e+06	1.05e+04	2.5e+02
80	PCB-117	3.36e+05	4.15e+03	8.1e+01	2.32e+05	1.05e+04	2.2e+01
81	PCB-85/116	1.79e+06	4.15e+03	4.3e+02	1.14e+06	1.05e+04	1.1e+02
82	PCB-110/115	1.50e+07	4.15e+03	3.6e+03	9.56e+06	1.05e+04	9.1e+02
83	PCB-82	1.11e+06	4.15e+03	2.7e+02	6.98e+05	1.05e+04	6.6e+01
84	PCB-111	*	4.15e+03	*	*	1.05e+04	*
85	PCB-120	6.99e+04	4.15e+03	1.7e+01	4.90e+04	1.05e+04	4.7e+00
86	PCB-108/124	7.63e+05	4.90e+04	1.6e+01	5.02e+05	4.46e+04	1.1e+01
87	PCB-107	1.38e+06	4.90e+04	2.8e+01	8.74e+05	4.46e+04	2.0e+01
88	PCB-123	4.16e+05	4.90e+04	8.5e+00	2.57e+05	4.46e+04	5.8e+00
89	PCB-106	*	4.90e+04	*	*	4.46e+04	*
90	PCB-118	1.81e+07	4.90e+04	3.7e+02	1.19e+07	4.46e+04	2.7e+02
91	PCB-122	2.33e+05	4.90e+04	4.8e+00	1.52e+05	4.46e+04	3.4e+00
92	PCB-114	5.84e+05	4.90e+04	1.2e+01	3.83e+05	4.46e+04	8.6e+00
93	PCB-105	9.60e+06	4.90e+04	2.0e+02	6.08e+06	4.46e+04	1.4e+02
94	PCB-127	*	4.90e+04	*	*	4.46e+04	*
95	PCB-126	4.51e+05	4.90e+04	9.2e+00	2.89e+05	4.46e+04	6.5e+00
96	PCB-155	*	1.62e+03	*	*	2.23e+03	*
97	PCB-152	1.59e+04	1.62e+03	9.8e+00	9.73e+03	2.23e+03	4.4e+00
98	PCB-150	4.47e+04	1.62e+03	2.8e+01	3.56e+04	2.23e+03	1.6e+01
99	PCB-136	2.64e+06	1.62e+03	1.6e+03	2.11e+06	2.23e+03	9.5e+02
100	PCB-145	*	1.62e+03	*	*	2.23e+03	*
101	PCB-148	1.65e+04	1.62e+03	1.0e+01	9.10e+03	2.23e+03	4.1e+00
102	PCB-135/151	4.86e+06	1.62e+03	3.0e+03	3.94e+06	2.23e+03	1.8e+03
103	PCB-154	1.91e+05	1.62e+03	1.2e+02	1.48e+05	2.23e+03	6.7e+01
104	PCB-144	1.12e+06	1.62e+03	6.9e+02	9.04e+05	2.23e+03	4.1e+02

105	PCB-147/149	2.11e+07	2.74e+04	7.7e+02	1.68e+07	2.07e+04	8.1e+02
106	PCB-134	9.45e+05	2.74e+04	3.5e+01	7.47e+05	2.07e+04	3.6e+01
107	PCB-143	*	2.74e+04	*	*	2.07e+04	*
108	PCB-139/140	1.95e+05	2.74e+04	7.1e+00	1.56e+05	2.07e+04	7.5e+00
109	PCB-131	1.91e+05	2.74e+04	7.0e+00	1.51e+05	2.07e+04	7.3e+00
110	PCB-142	*	2.74e+04	*	*	2.07e+04	*
111	PCB-132	6.66e+06	2.74e+04	2.4e+02	5.30e+06	2.07e+04	2.6e+02
112	PCB-133	2.98e+05	2.74e+04	1.1e+01	2.34e+05	2.07e+04	1.1e+01
113	PCB-165	*	2.74e+04	*	*	2.07e+04	*
114	PCB-146	4.37e+06	2.74e+04	1.6e+02	3.45e+06	2.07e+04	1.7e+02
115	PCB-161	*	2.74e+04	*	*	2.07e+04	*
116	PCB-153/168	3.55e+07	2.74e+04	1.3e+03	2.83e+07	2.07e+04	1.4e+03
117	PCB-141	6.38e+06	2.74e+04	2.3e+02	5.11e+06	2.07e+04	2.5e+02
118	PCB-130	1.21e+06	2.74e+04	4.4e+01	9.38e+05	2.07e+04	4.5e+01
119	PCB-137	6.34e+05	2.74e+04	2.3e+01	5.10e+05	2.07e+04	2.5e+01
120	PCB-164	2.52e+06	2.74e+04	9.2e+01	2.04e+06	2.07e+04	9.9e+01
121	PCB-129/138/163	3.17e+07	2.74e+04	1.2e+03	2.53e+07	2.07e+04	1.2e+03
122	PCB-160	*	2.74e+04	*	*	2.07e+04	*
123	PCB-158	4.24e+06	2.74e+04	1.5e+02	3.37e+06	2.07e+04	1.6e+02
124	PCB-128/166	3.37e+06	2.74e+04	1.2e+02	2.60e+06	2.07e+04	1.3e+02
125	PCB-159	7.21e+05	1.66e+04	4.3e+01	5.39e+05	3.35e+03	1.6e+02
126	PCB-162	1.87e+05	1.66e+04	1.1e+01	1.38e+05	3.35e+03	4.1e+01
127	PCB-167	1.94e+06	1.66e+04	1.2e+02	1.52e+06	3.35e+03	4.6e+02
128	PCB-156/157	4.02e+06	1.66e+04	2.4e+02	3.16e+06	3.35e+03	9.5e+02
129	PCB-169	1.10e+05	1.66e+04	6.6e+00	8.58e+04	3.35e+03	2.6e+01
130	PCB-188	*	1.24e+03	*	*	2.01e+03	*
131	PCB-179	4.13e+06	1.24e+03	3.3e+03	3.97e+06	2.01e+03	2.0e+03
132	PCB-184	*	1.24e+03	*	*	2.01e+03	*
133	PCB-176	1.40e+06	1.24e+03	1.1e+03	1.33e+06	2.01e+03	6.6e+02
134	PCB-186	*	1.24e+03	*	*	2.01e+03	*
135	PCB-178	1.86e+06	1.24e+03	1.5e+03	1.74e+06	2.01e+03	8.7e+02
136	PCB-175	4.73e+05	1.24e+03	3.8e+02	4.42e+05	2.01e+03	2.2e+02
137	PCB-187	1.30e+07	1.24e+03	1.0e+04	1.24e+07	2.01e+03	6.2e+03
138	PCB-182	*	1.24e+03	*	*	2.01e+03	*
139	PCB-183	7.02e+06	1.46e+04	4.8e+02	7.18e+06	2.60e+04	2.8e+02
140	PCB-185	1.71e+06	1.46e+04	1.2e+02	1.68e+06	2.60e+04	6.4e+01
141	PCB-174	1.16e+07	1.46e+04	7.9e+02	1.14e+07	2.60e+04	4.4e+02
142	PCB-177	6.50e+06	1.46e+04	4.4e+02	6.56e+06	2.60e+04	2.5e+02
143	PCB-181	*	1.46e+04	*	*	2.60e+04	*
144	PCB-171/173	3.24e+06	1.46e+04	2.2e+02	3.23e+06	2.60e+04	1.2e+02
145	PCB-172	2.01e+06	1.46e+04	1.4e+02	1.99e+06	2.60e+04	7.6e+01
146	PCB-192	*	1.46e+04	*	*	2.60e+04	*
147	PCB-180/193	3.12e+07	1.46e+04	2.1e+03	3.13e+07	2.60e+04	1.2e+03
148	PCB-191	8.12e+05	1.46e+04	5.5e+01	7.75e+05	2.60e+04	3.0e+01
149	PCB-170	1.17e+07	1.46e+04	8.0e+02	1.17e+07	2.60e+04	4.5e+02
150	PCB-190	3.47e+06	1.46e+04	2.4e+02	3.42e+06	2.60e+04	1.3e+02
151	PCB-189	5.88e+05	1.46e+04	4.0e+01	5.68e+05	2.60e+04	2.2e+01
152	PCB-202	8.78e+05	1.58e+03	5.6e+02	9.59e+05	1.57e+03	6.1e+02
153	PCB-201	7.19e+05	1.58e+03	4.5e+02	8.18e+05	1.57e+03	5.2e+02
154	PCB-204	*	1.58e+03	*	*	1.57e+03	*
155	PCB-197	2.24e+05	1.58e+03	1.4e+02	2.64e+05	1.57e+03	1.7e+02
156	PCB-200	6.87e+05	1.58e+03	4.3e+02	7.90e+05	1.57e+03	5.0e+02
157	PCB-198/199	5.13e+06	1.58e+03	3.2e+03	5.84e+06	1.57e+03	3.7e+03
158	PCB-196	2.76e+06	1.58e+03	1.7e+03	3.12e+06	1.57e+03	2.0e+03
159	PCB-203	3.33e+06	1.58e+03	2.1e+03	3.80e+06	1.57e+03	2.4e+03
160	PCB-195	2.28e+06	1.58e+03	1.4e+03	2.54e+06	1.57e+03	1.6e+03
161	PCB-194	5.73e+06	1.58e+03	3.6e+03	6.41e+06	1.57e+03	4.1e+03
162	PCB-205	4.20e+05	1.58e+03	2.7e+02	4.61e+05	1.57e+03	2.9e+02

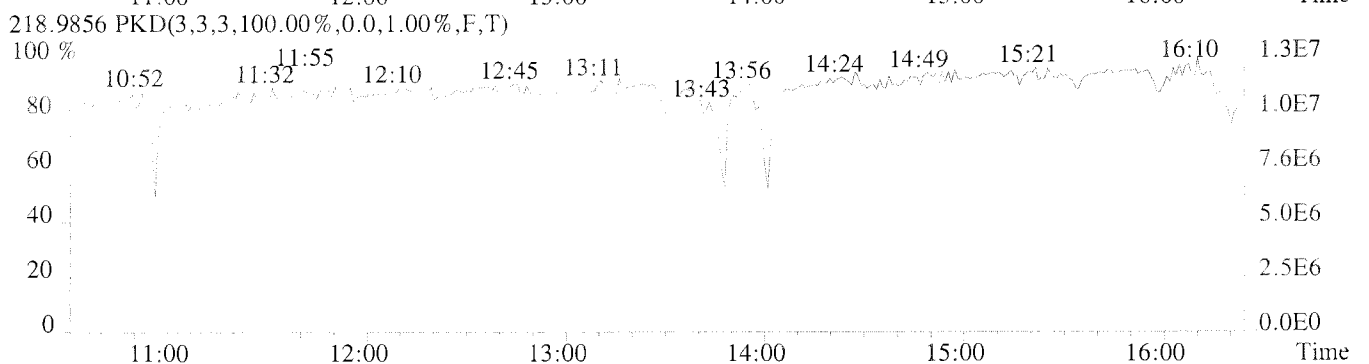
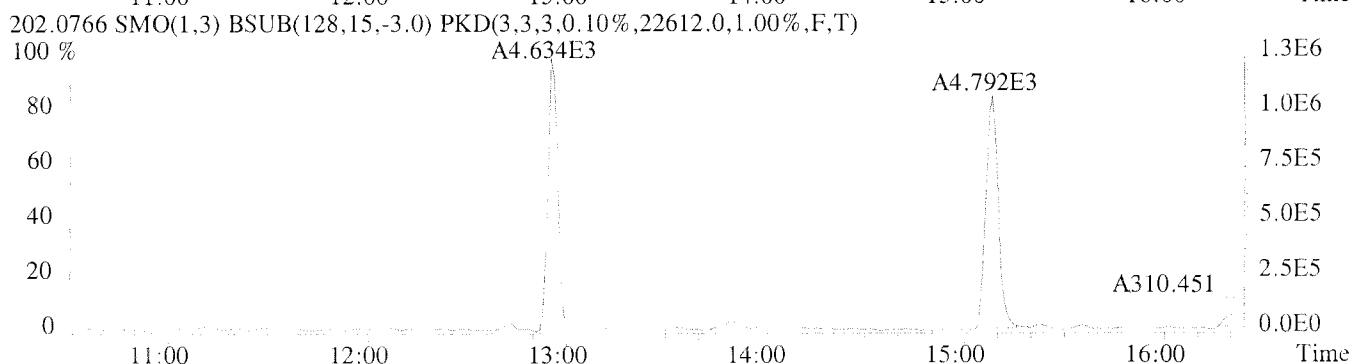
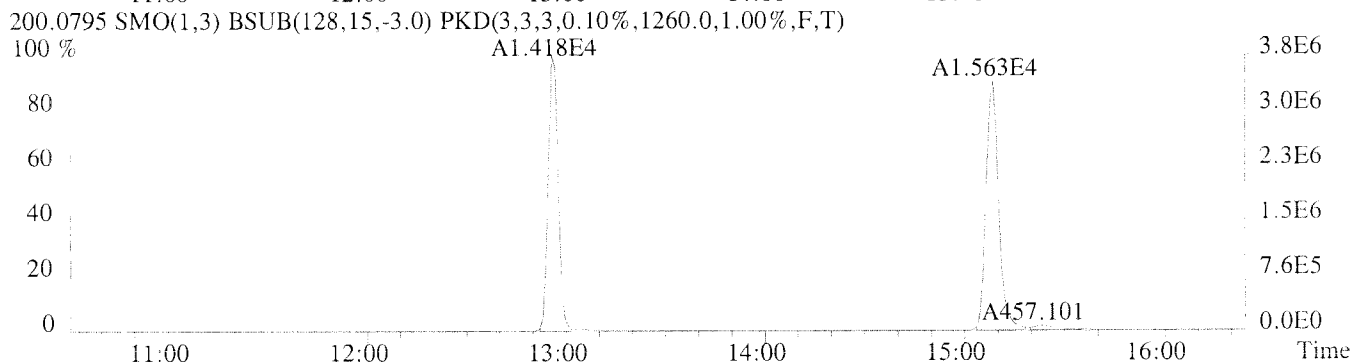
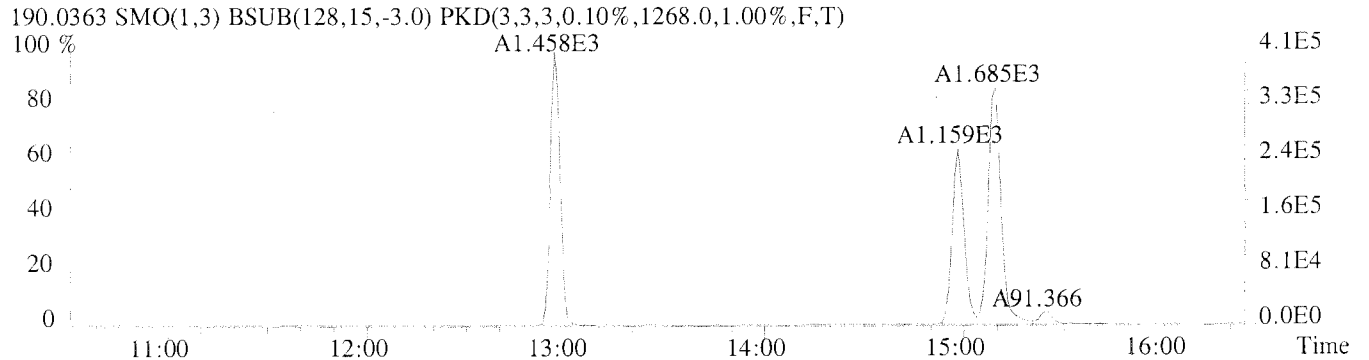
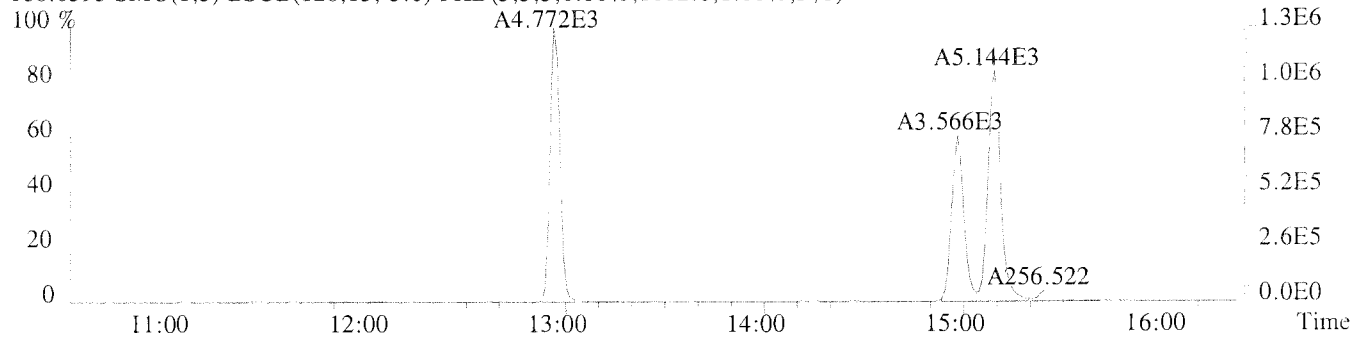
Run #13

Filename U224753#1 Samp: 1

Acquired: 15-JAN-11 00:50:00

163	PCB-208	1.77e+05	1.09e+03	1.6e+02	2.21e+05	1.18e+03	1.9e+02
164	PCB-207	1.47e+05	1.09e+03	1.3e+02	1.89e+05	1.18e+03	1.6e+02
165	PCB-206	1.45e+06	2.07e+03	7.0e+02	1.91e+06	2.24e+03	8.5e+02
166	PCB-209	1.72e+05	1.45e+03	1.2e+02	1.43e+05	1.26e+03	1.1e+02
167	PCB-11L	3.77e+06	1.26e+03	3.0e+03	1.25e+06	2.26e+04	5.5e+01
168	PCB-3L	3.41e+06	1.26e+03	2.7e+03	1.06e+06	2.26e+04	4.7e+01
169	PCB-4L	1.67e+06	2.61e+03	6.4e+02	1.04e+06	1.37e+03	7.6e+02
170	PCB-15L	3.00e+06	5.87e+03	5.1e+02	1.92e+06	1.91e+03	1.0e+03
171	PCB-19L	1.32e+06	6.09e+04	2.2e+01	1.24e+06	1.12e+05	1.1e+01
172	PCB-37L	2.54e+06	1.41e+04	1.8e+02	2.48e+06	2.10e+04	1.2e+02
173	PCB-54L	1.33e+06	5.18e+03	2.6e+02	1.62e+06	1.65e+03	9.9e+02
174	PCB-81L	1.92e+06	3.29e+03	5.8e+02	2.45e+06	1.59e+03	1.5e+03
175	PCB-77L	1.96e+06	3.29e+03	5.9e+02	2.53e+06	1.59e+03	1.6e+03
176	PCB-104L	1.95e+06	1.04e+03	1.9e+03	1.23e+06	1.01e+03	1.2e+03
177	PCB-123L	2.92e+06	3.78e+03	7.7e+02	1.88e+06	2.45e+03	7.7e+02
178	PCB-118L	3.01e+06	3.78e+03	8.0e+02	1.89e+06	2.45e+03	7.7e+02
179	PCB-114L	2.95e+06	3.78e+03	7.8e+02	1.82e+06	2.45e+03	7.4e+02
180	PCB-105L	2.81e+06	3.78e+03	7.4e+02	1.84e+06	2.45e+03	7.5e+02
181	PCB-126L	2.94e+06	3.78e+03	7.8e+02	1.87e+06	2.45e+03	7.6e+02
182	PCB-155L	2.31e+06	1.60e+03	1.4e+03	1.76e+06	2.28e+03	7.7e+02
183	PCB-167L	2.55e+06	1.82e+03	1.4e+03	2.00e+06	4.44e+03	4.5e+02
184	PCB-156/157L	3.53e+06	1.82e+03	1.9e+03	2.86e+06	4.44e+03	6.4e+02
185	PCB-169L	2.27e+06	1.82e+03	1.3e+03	1.92e+06	4.44e+03	4.3e+02
186	PCB-188L	1.97e+06	2.02e+03	9.7e+02	1.86e+06	2.09e+03	8.9e+02
187	PCB-189L	2.04e+06	1.05e+03	1.9e+03	1.93e+06	1.47e+03	1.3e+03
188	PCB-202L	1.75e+06	1.85e+03	9.4e+02	1.93e+06	1.22e+03	1.6e+03
189	PCB-205L	1.76e+06	1.85e+03	9.5e+02	1.89e+06	1.22e+03	1.5e+03
190	PCB-208L	1.38e+06	1.19e+03	1.2e+03	1.74e+06	1.11e+03	1.6e+03
191	PCB-206L	1.56e+06	1.91e+03	8.2e+02	1.99e+06	1.56e+03	1.3e+03
192	PCB-209L	2.00e+06	1.15e+03	1.7e+03	1.67e+06	1.02e+03	1.6e+03
193	PCB-28L	2.89e+06	1.41e+04	2.0e+02	2.83e+06	2.10e+04	1.3e+02
194	PCB-111L	2.56e+06	1.94e+03	1.3e+03	1.65e+06	2.22e+03	7.5e+02
195	PCB-178L	1.45e+06	2.02e+03	7.2e+02	1.41e+06	2.09e+03	6.7e+02
196	PCB-9L	6.54e+06	5.87e+03	1.1e+03	4.20e+06	1.91e+03	2.2e+03
197	PCB-52L	2.48e+06	2.56e+03	9.7e+02	3.11e+06	1.32e+03	2.3e+03
198	PCB-101L	3.30e+06	1.94e+03	1.7e+03	2.05e+06	2.22e+03	9.2e+02
199	PCB-138L	3.26e+06	1.35e+03	2.4e+03	2.57e+06	1.12e+03	2.3e+03
200	PCB-194L	1.89e+06	1.85e+03	1.0e+03	2.07e+06	1.22e+03	1.7e+03

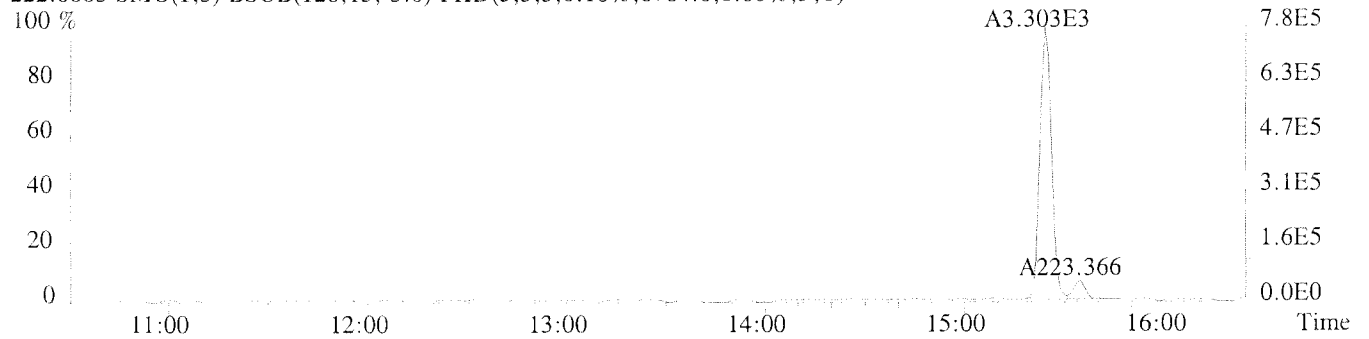
File:U224753 #1-379 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-004 USENN/S031
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1012.0,1.00%,F,T)



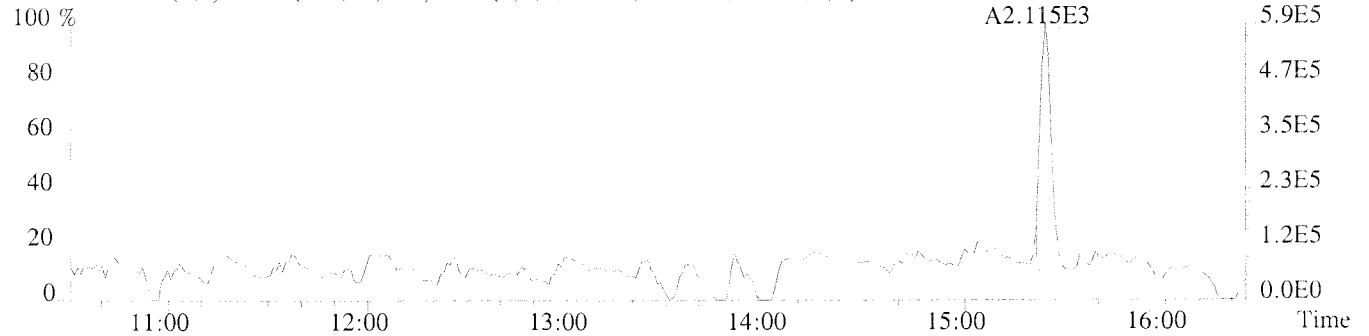
File:U224753 #1-379 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-004 USENN/S031

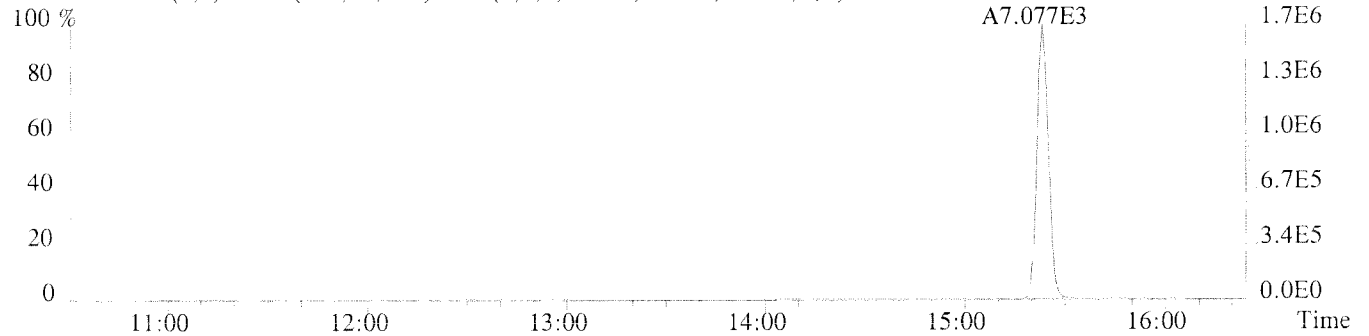
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6784.0,1.00%,F,T)



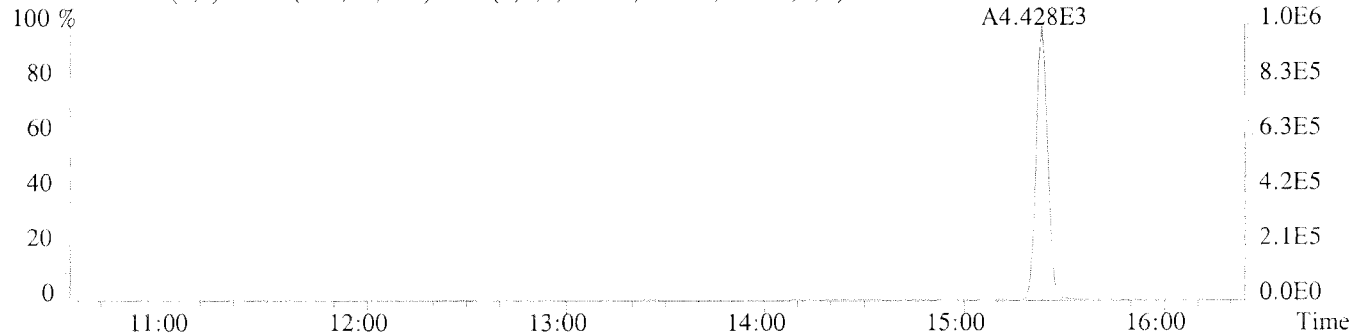
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,82668.0,1.00%,F,T)



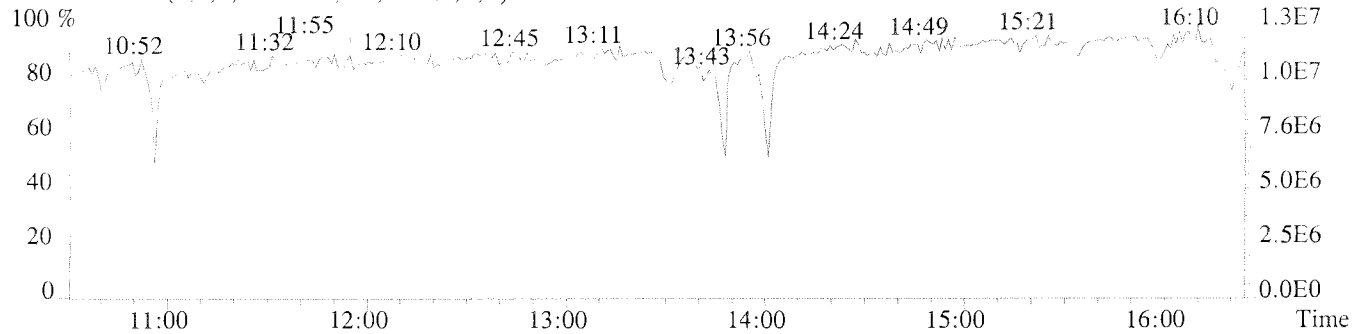
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2612.0,1.00%,F,T)



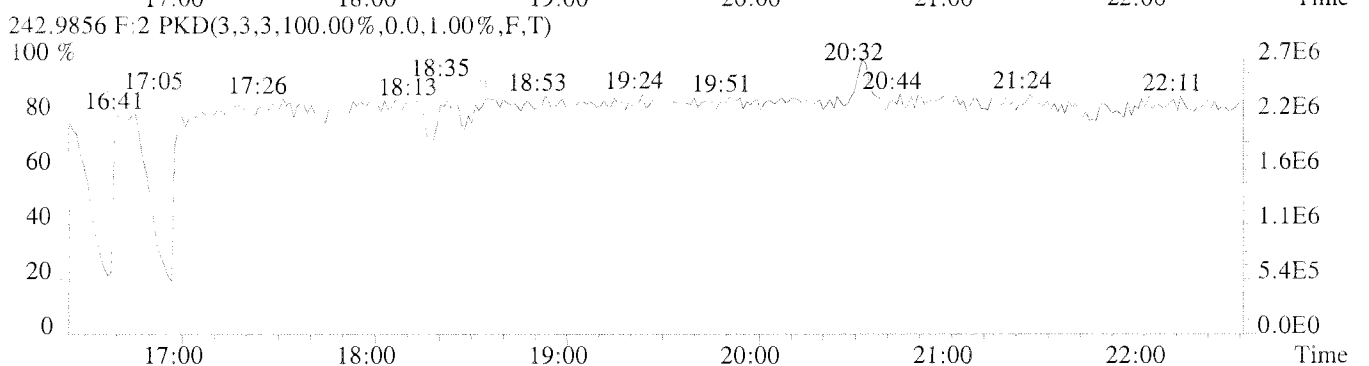
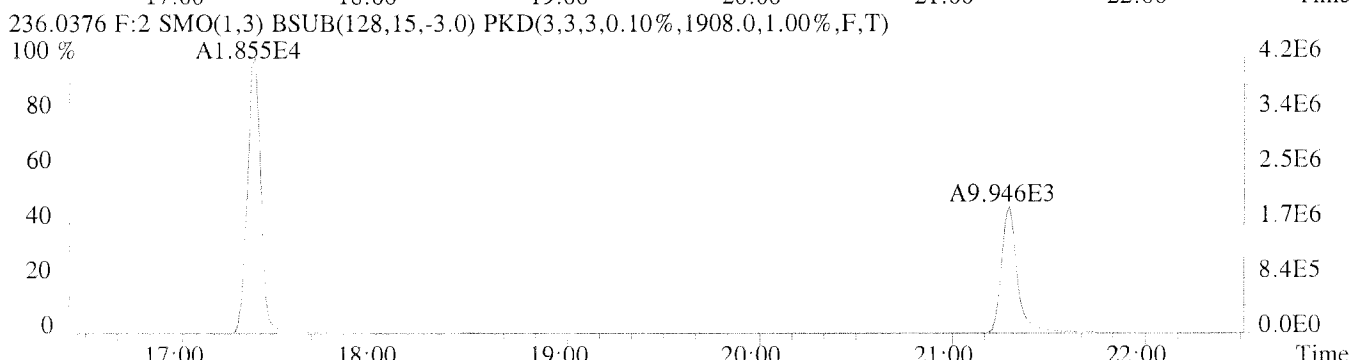
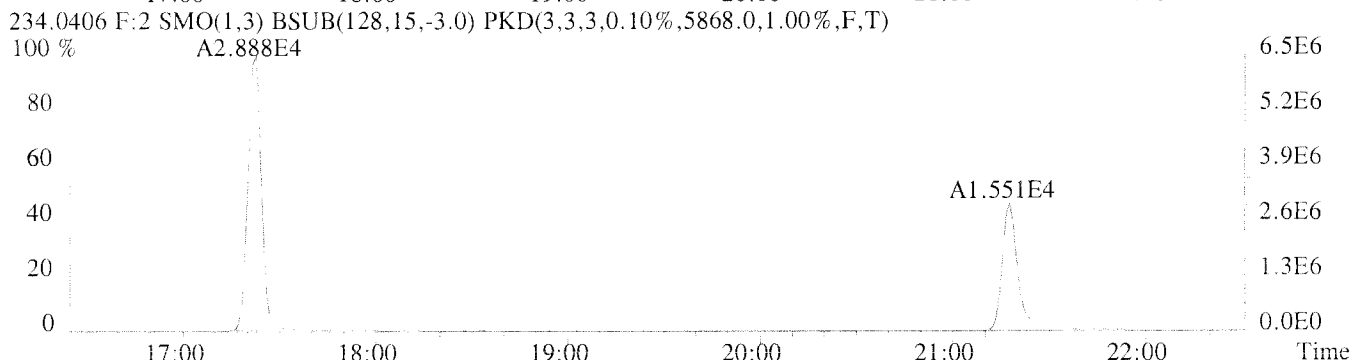
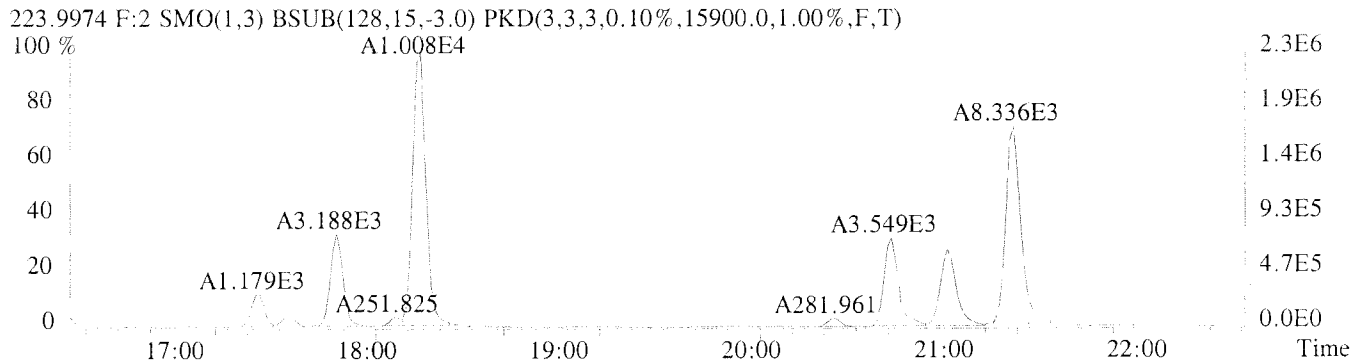
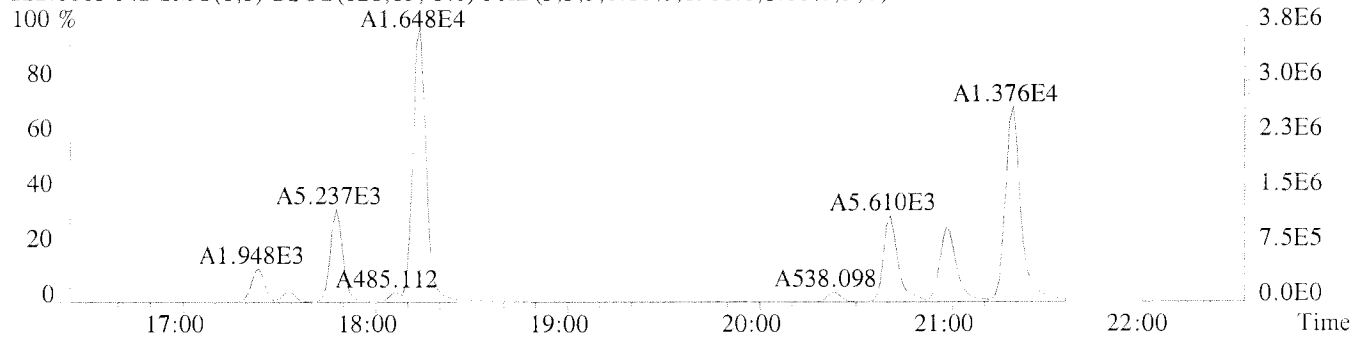
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1372.0,1.00%,F,T)



218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



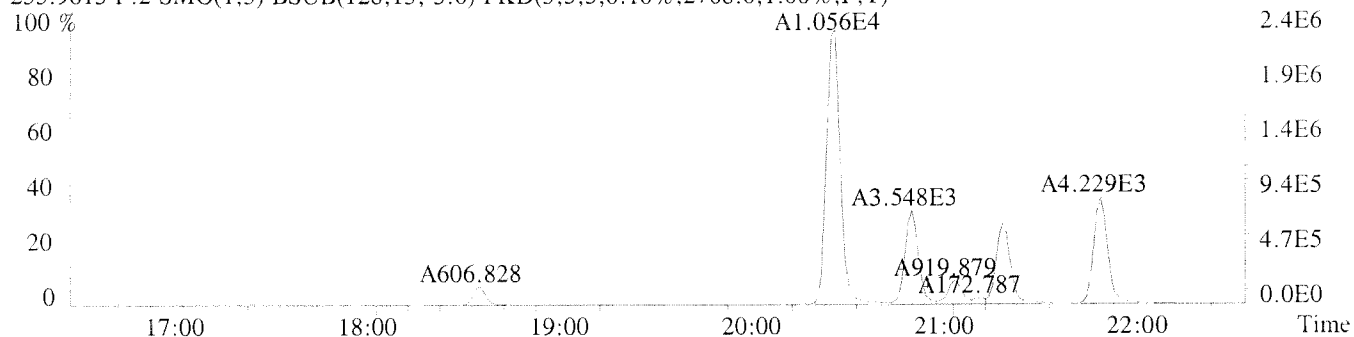
File:U224753 #1-337 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-004 USENN/S031
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1900.0,1.00%,F,T)



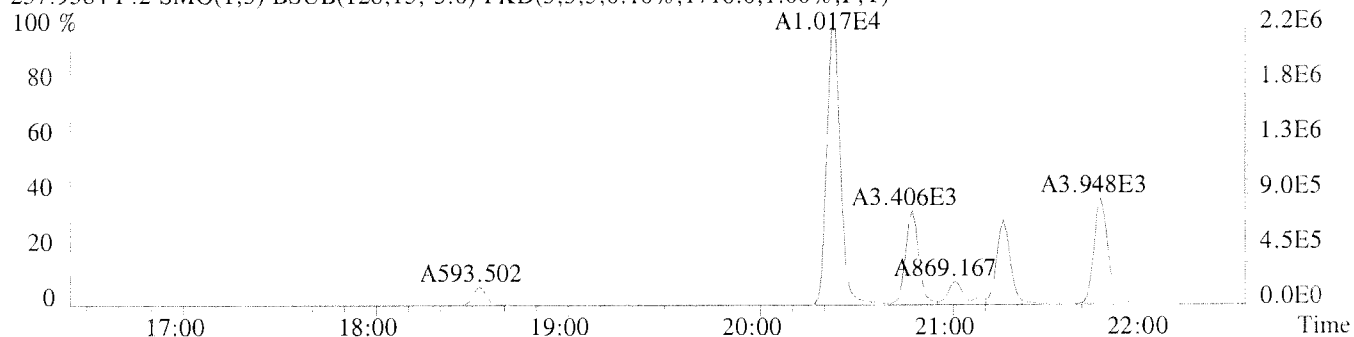
File:U224753 #1-337 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-004 USENN/S031

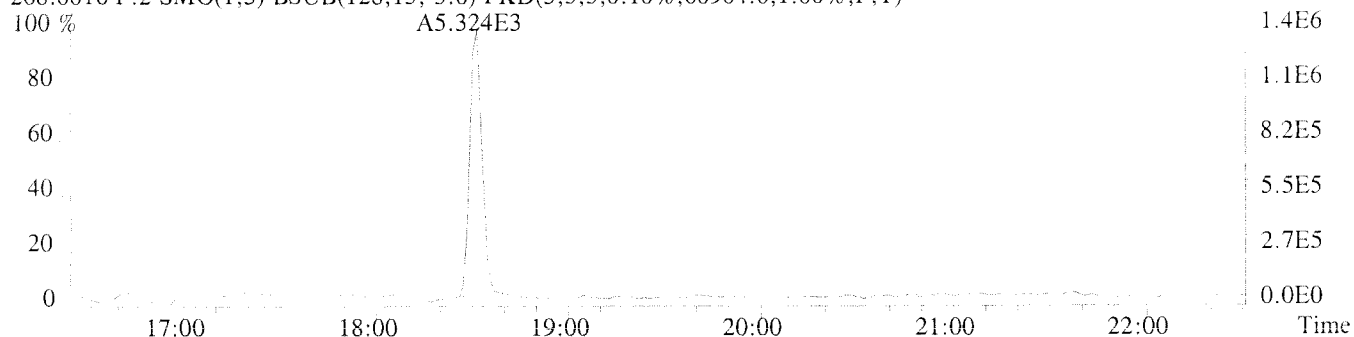
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2768.0,1.00%,F,T)



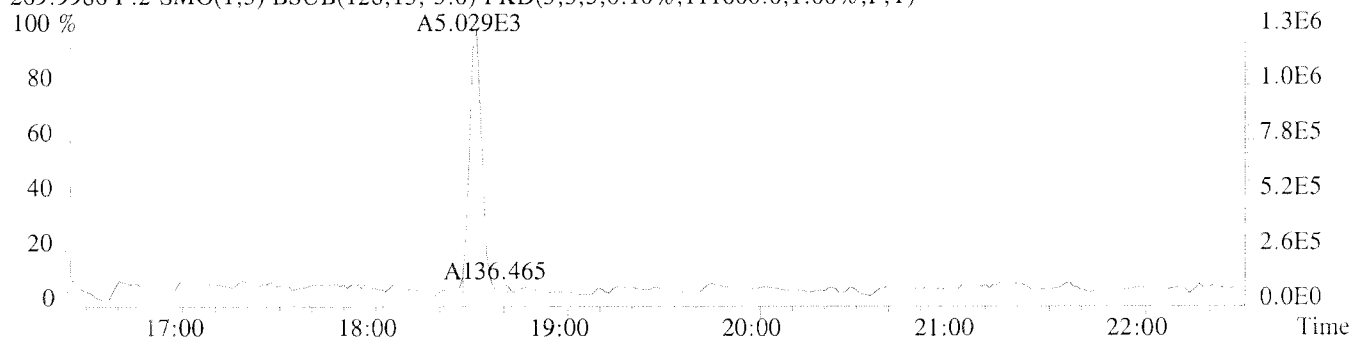
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1716.0,1.00%,F,T)



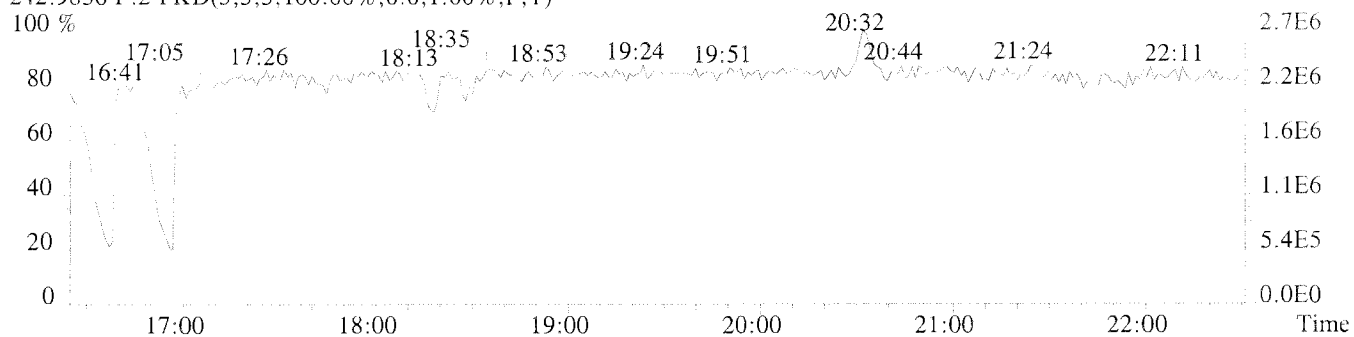
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,60904.0,1.00%,F,T)

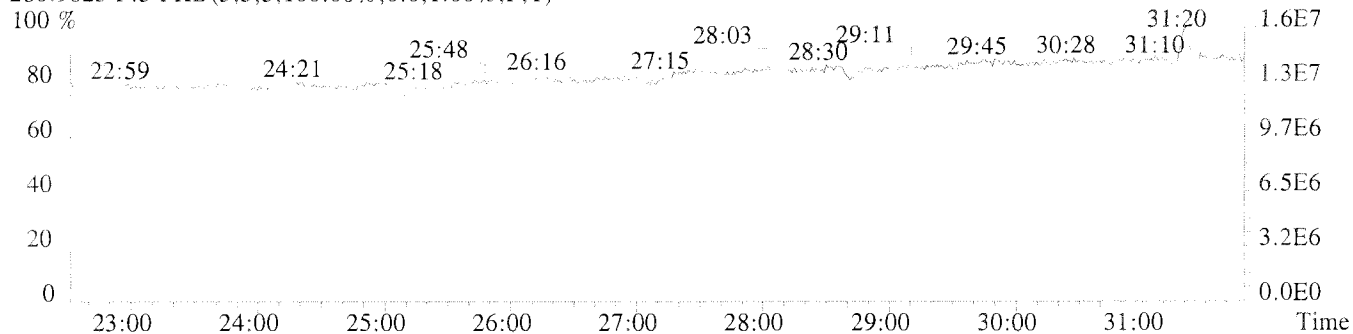
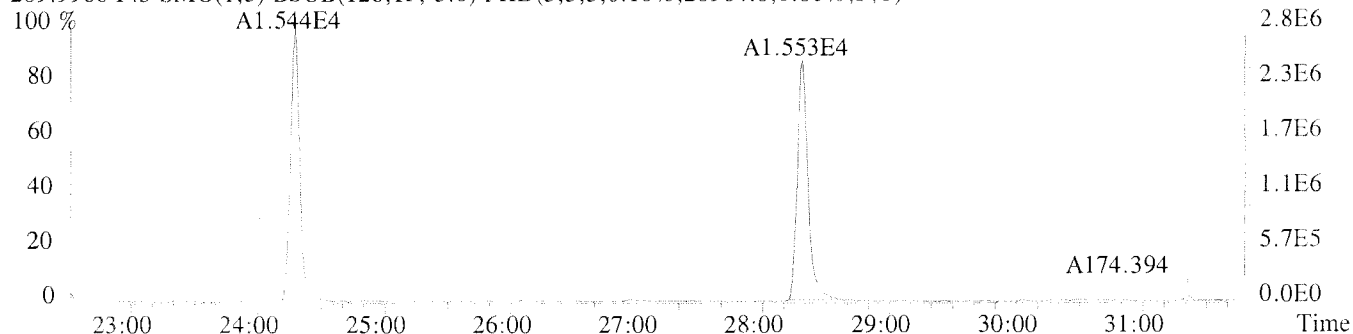
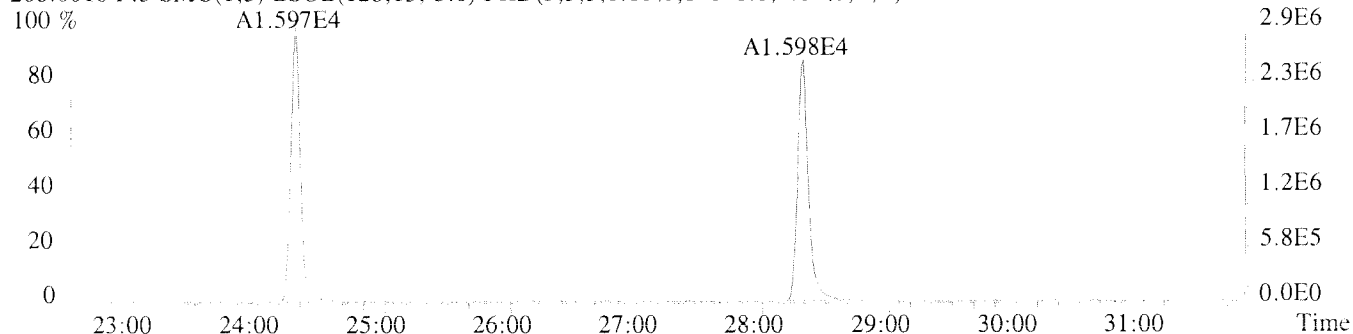
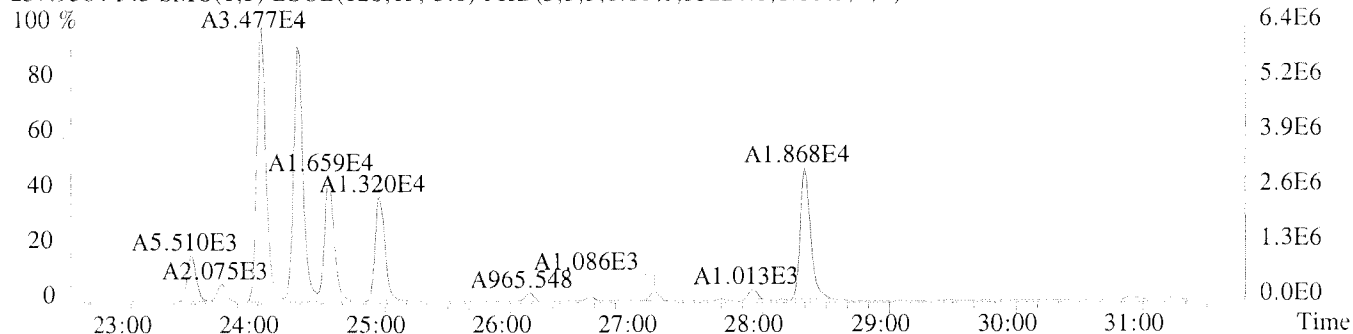
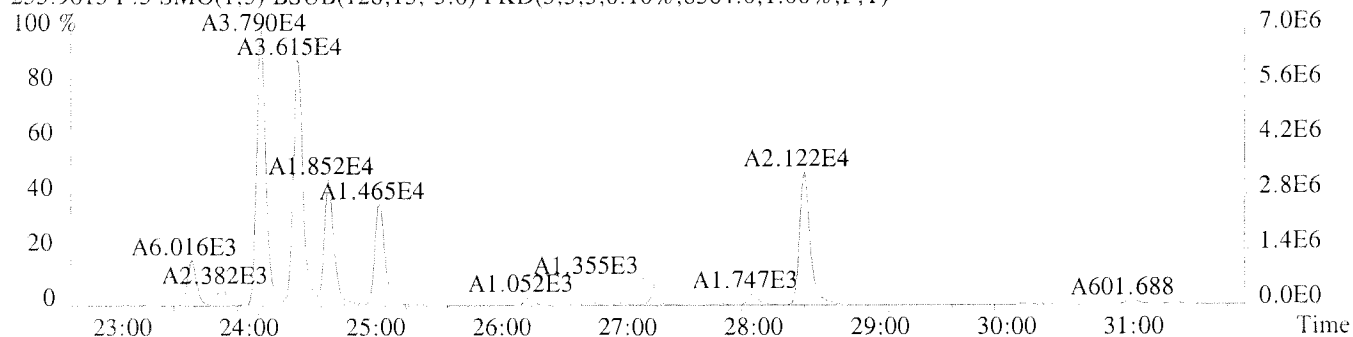


269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,111600.0,1.00%,F,T)

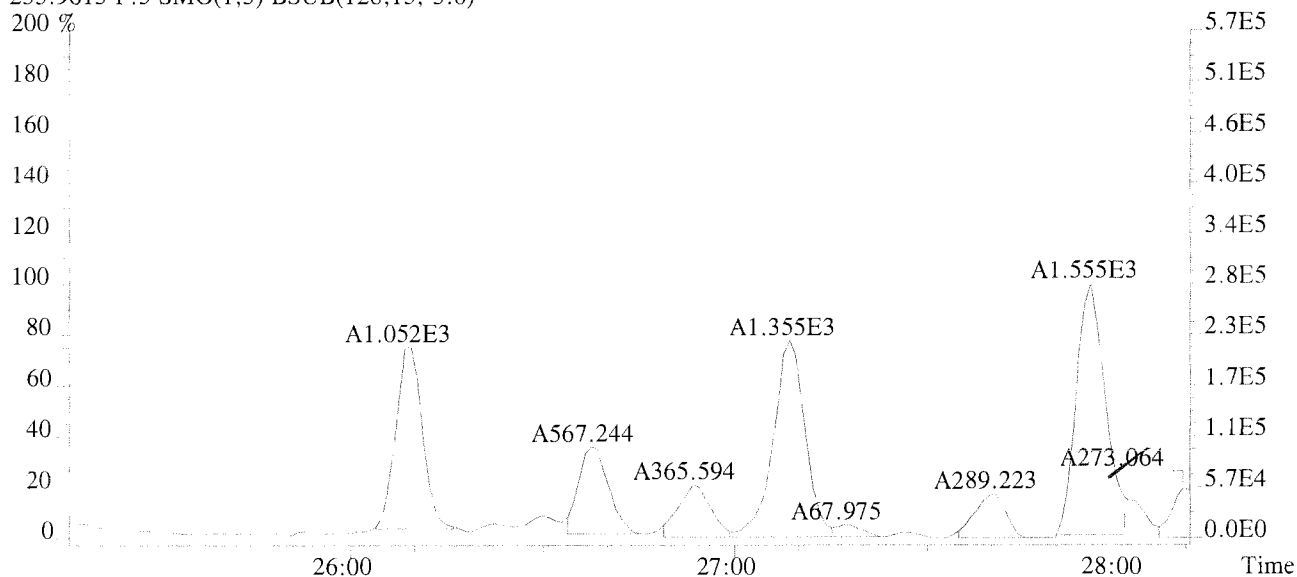


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

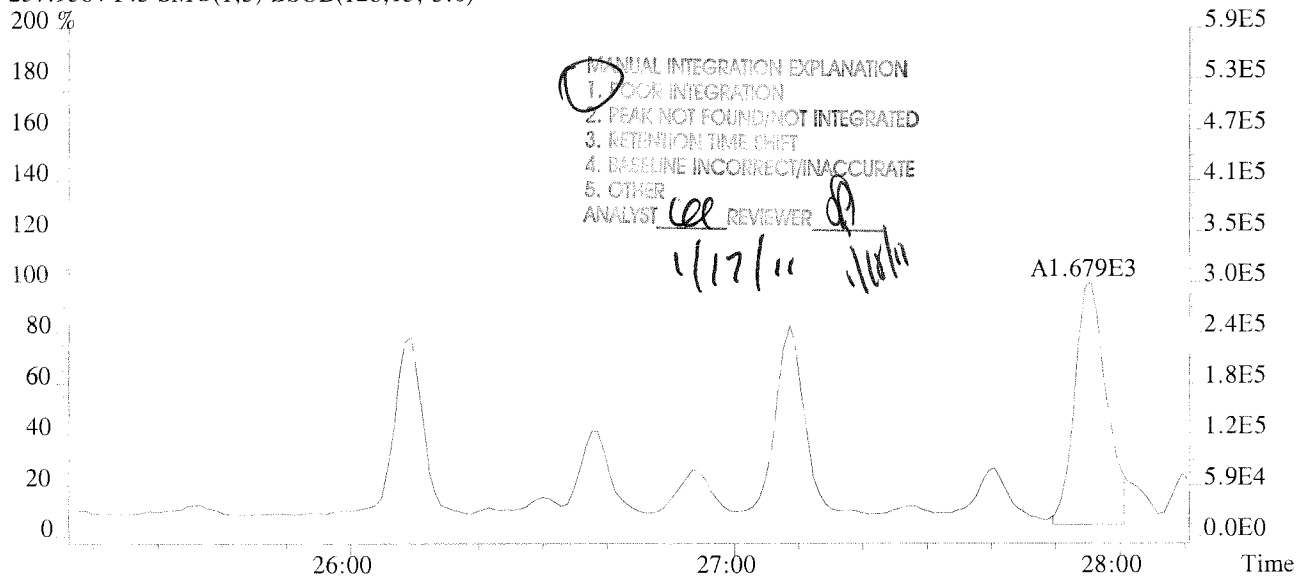




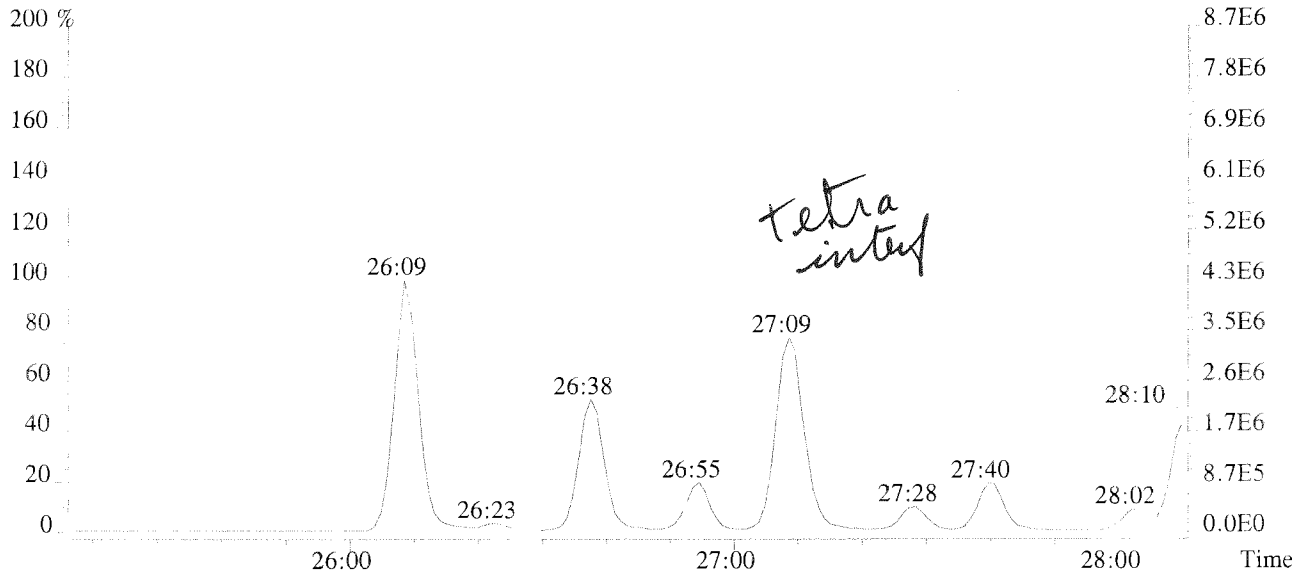
File:U224753 #1-594 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-004 USENN/S031
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0)



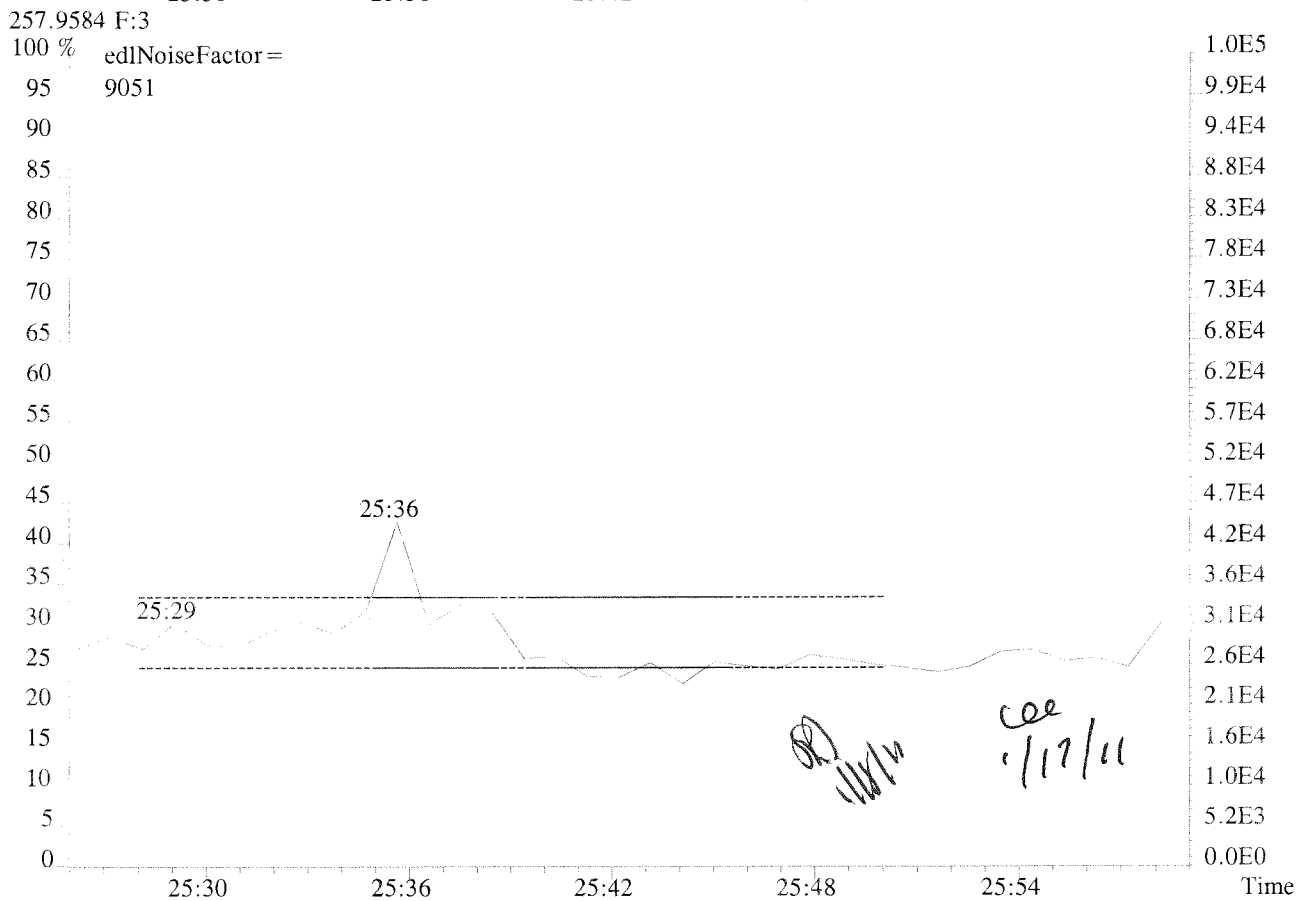
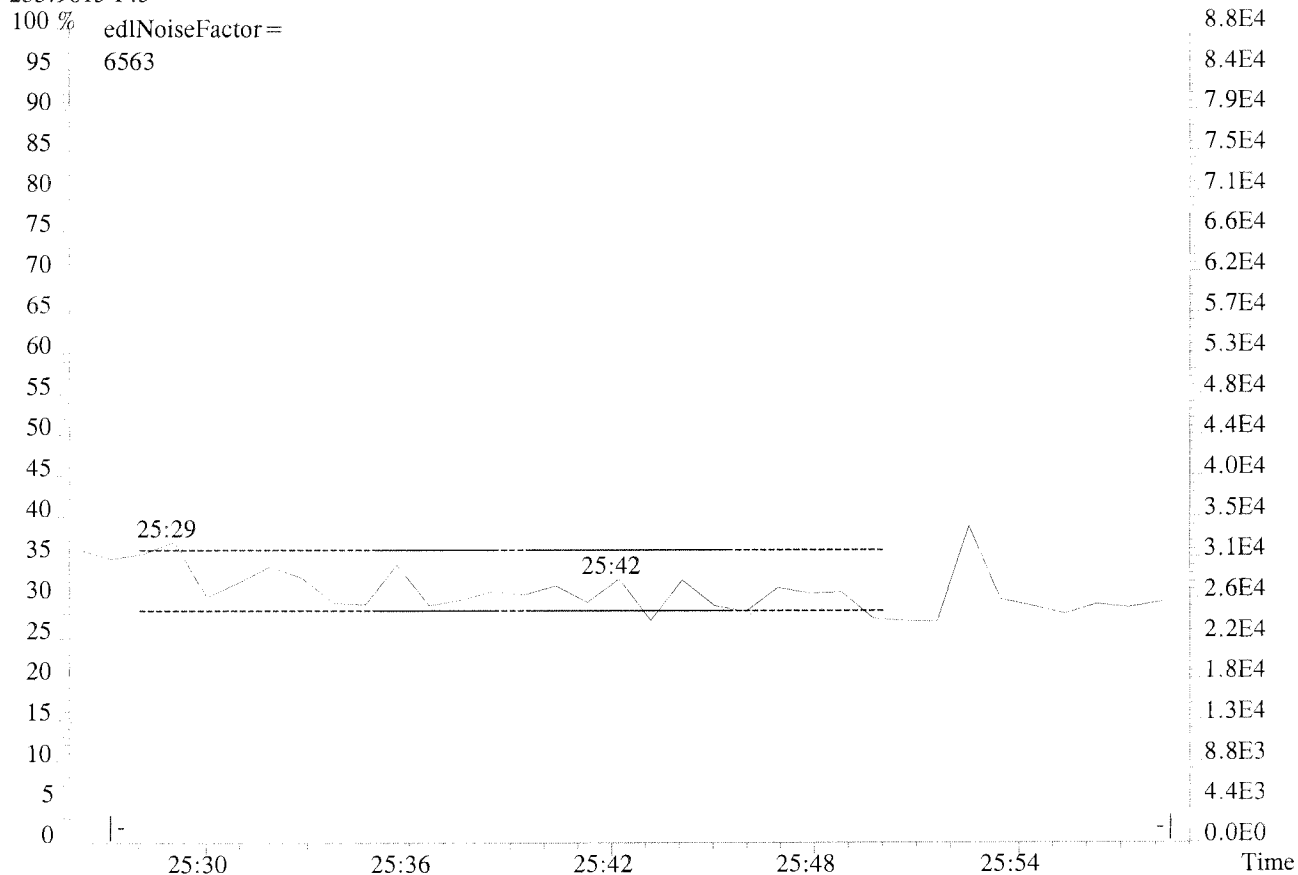
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0)



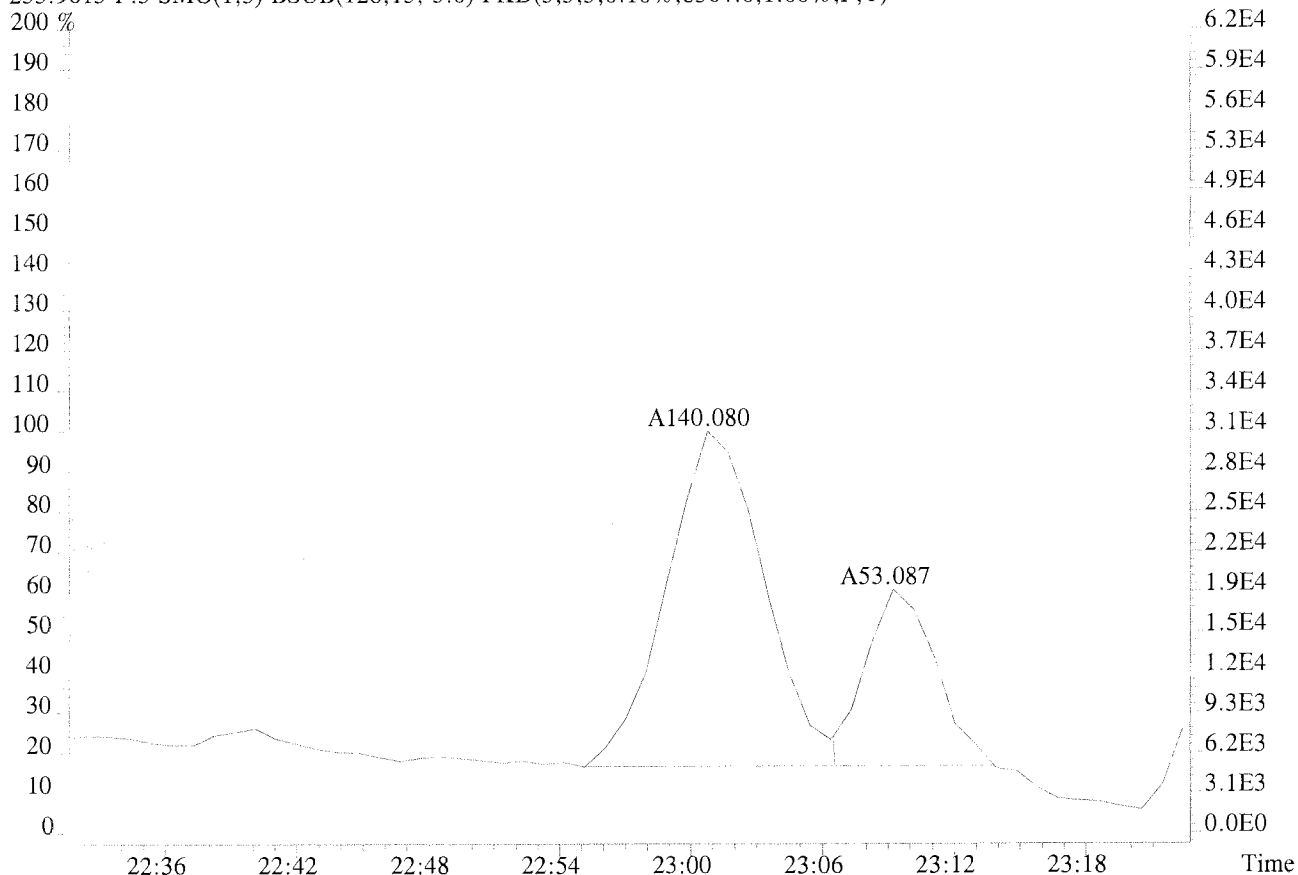
289.9224 F:3



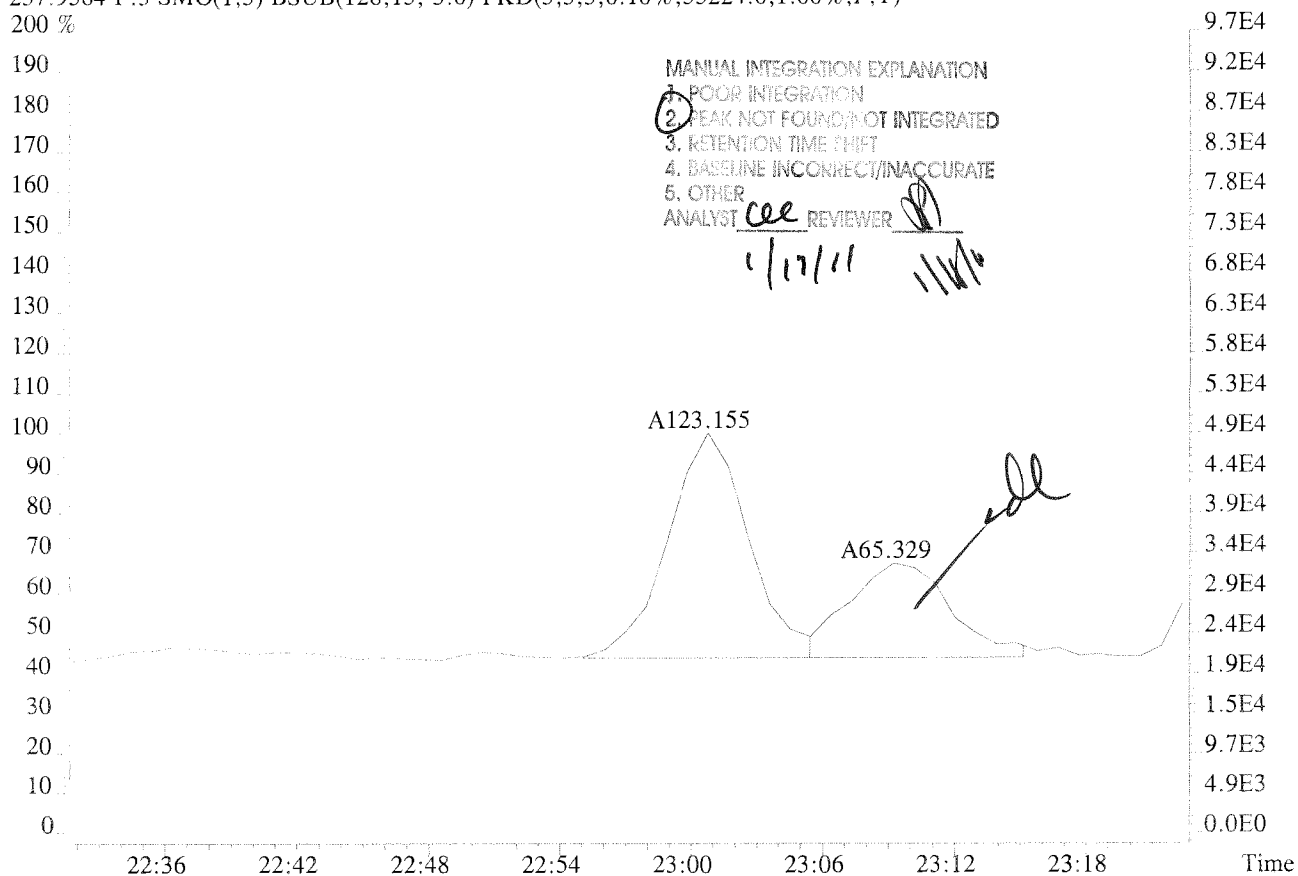
File:U224753 #1-594 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:K1013433-004 USENN/S031
255.9613 F:3



File:U224753 #1-594 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-004 USENN/S031
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8364.0,1.00%,F,T)



257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,55224.0,1.00%,F,T)



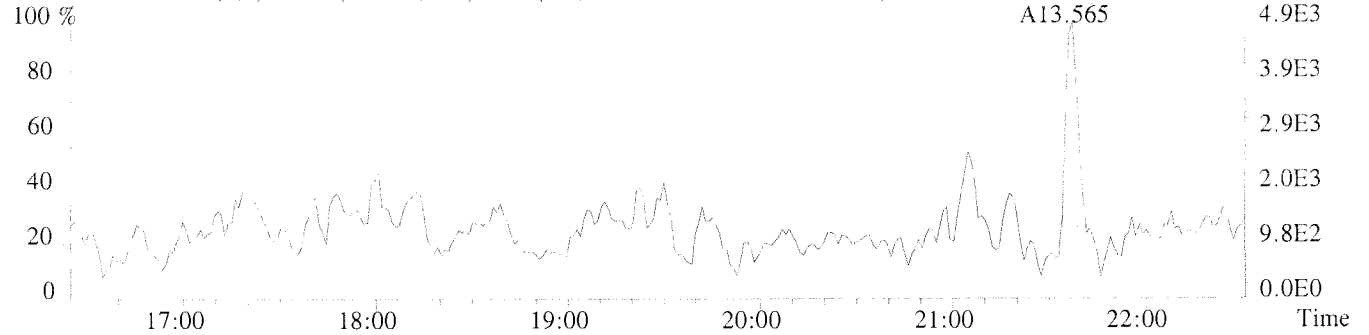
MANUAL INTEGRATION EXPLANATION
 1. POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER
 ANALYST cee REVIEWER [Signature]

1/17/11 11/11/10

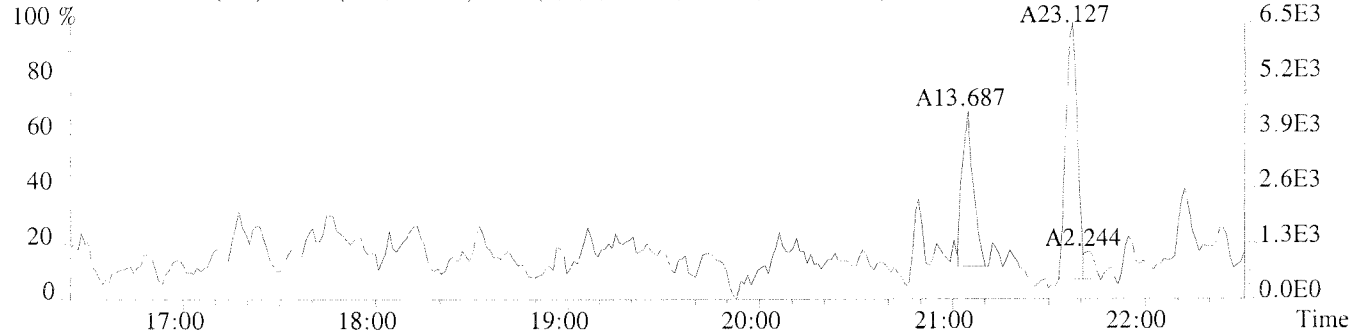
File:U224753 #1-337 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-004 USENN/S031

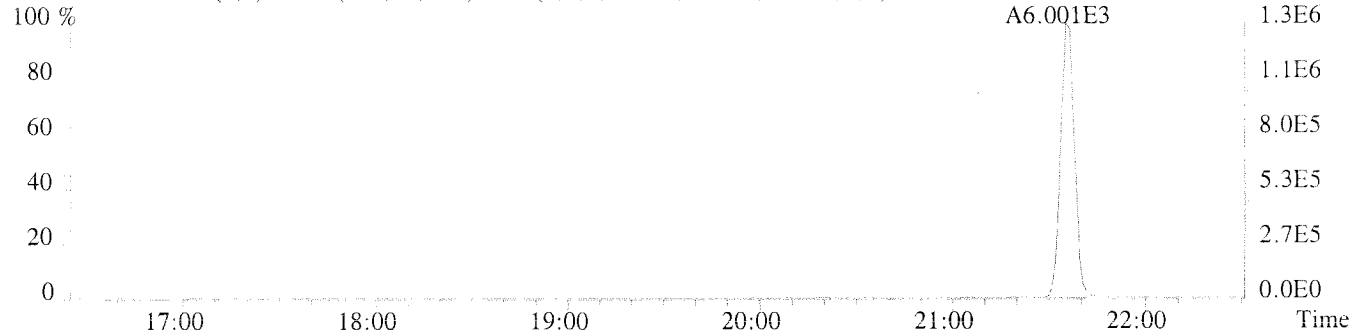
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1560.0,1.00%,F,T)



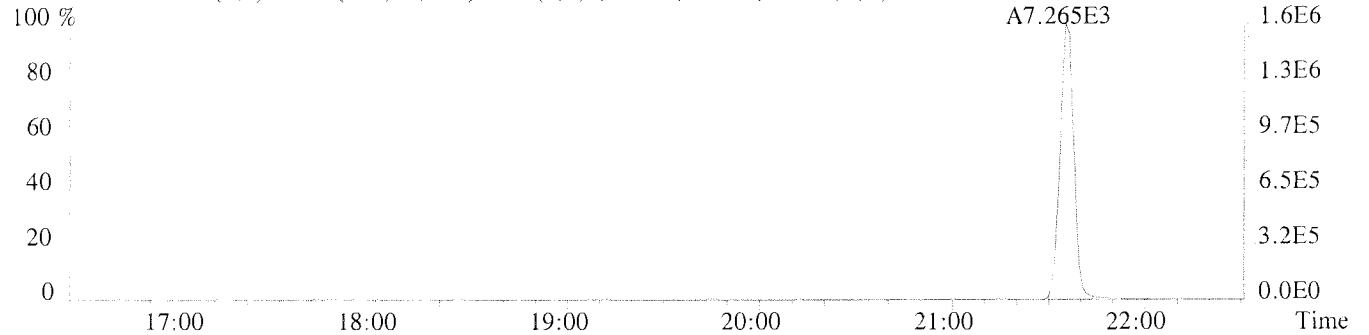
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1204.0,1.00%,F,T)



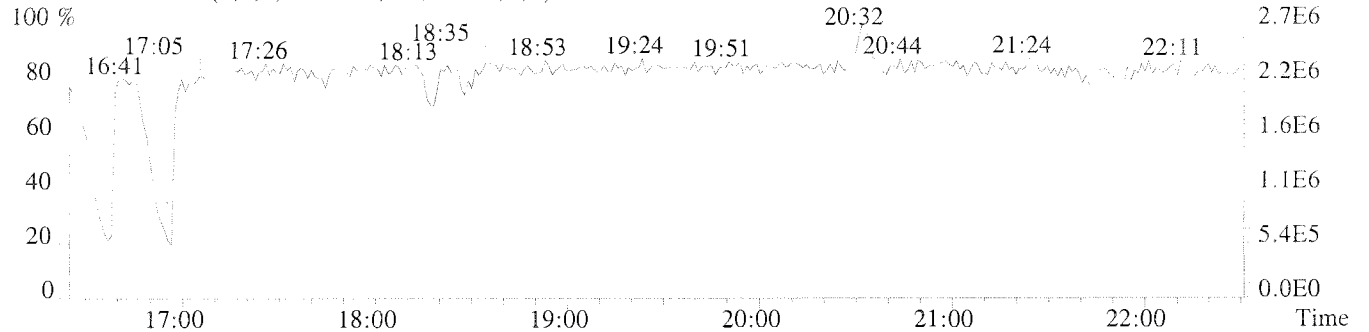
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5176.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1648.0,1.00%,F,T)

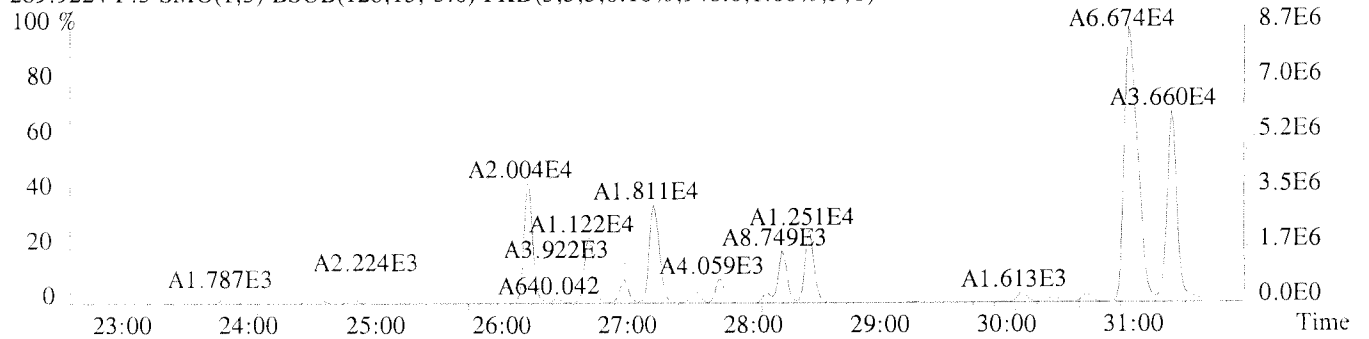


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

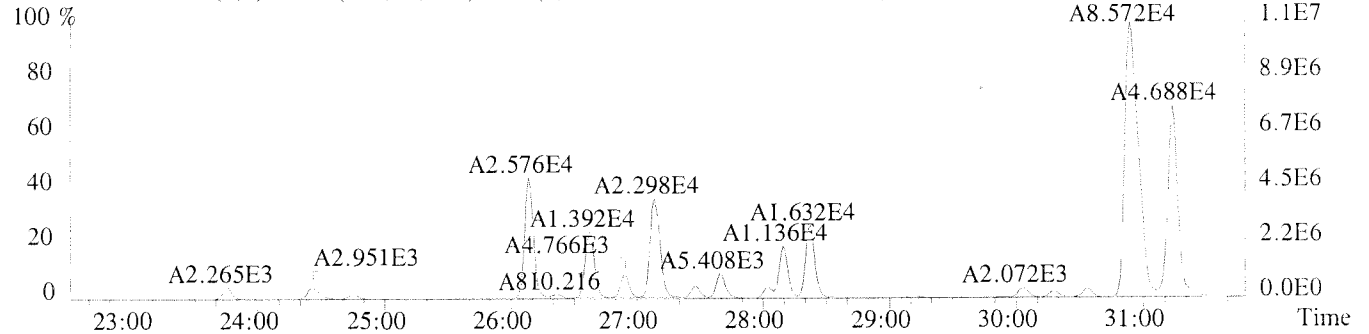


File:U224753 #1-594 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-004 USENN/S031

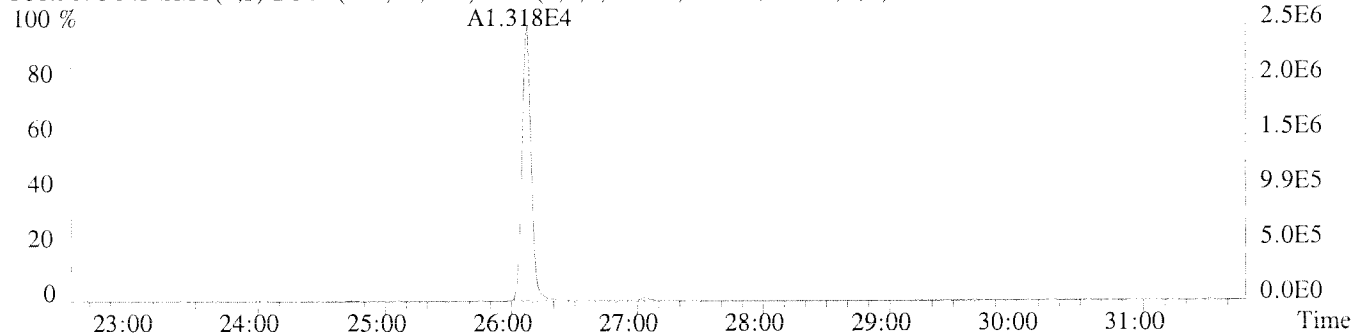
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,948.0,1.00%,F,T)



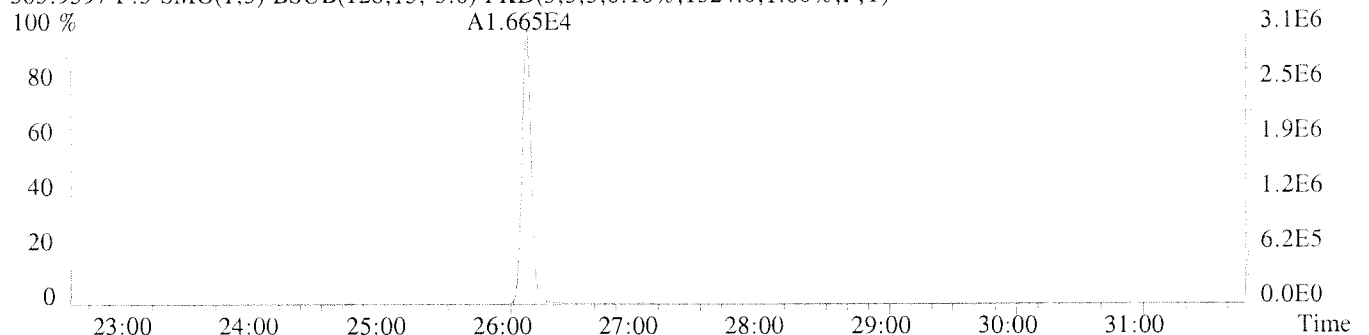
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,T)



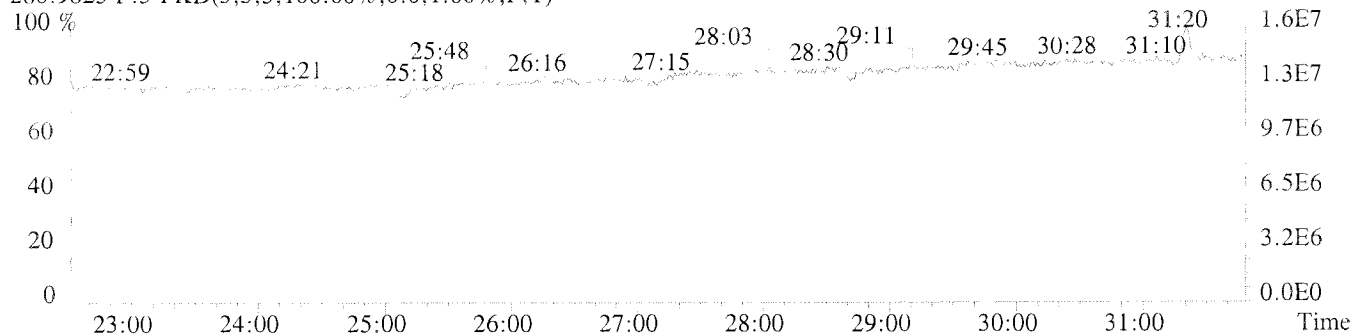
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2556.0,1.00%,F,T)



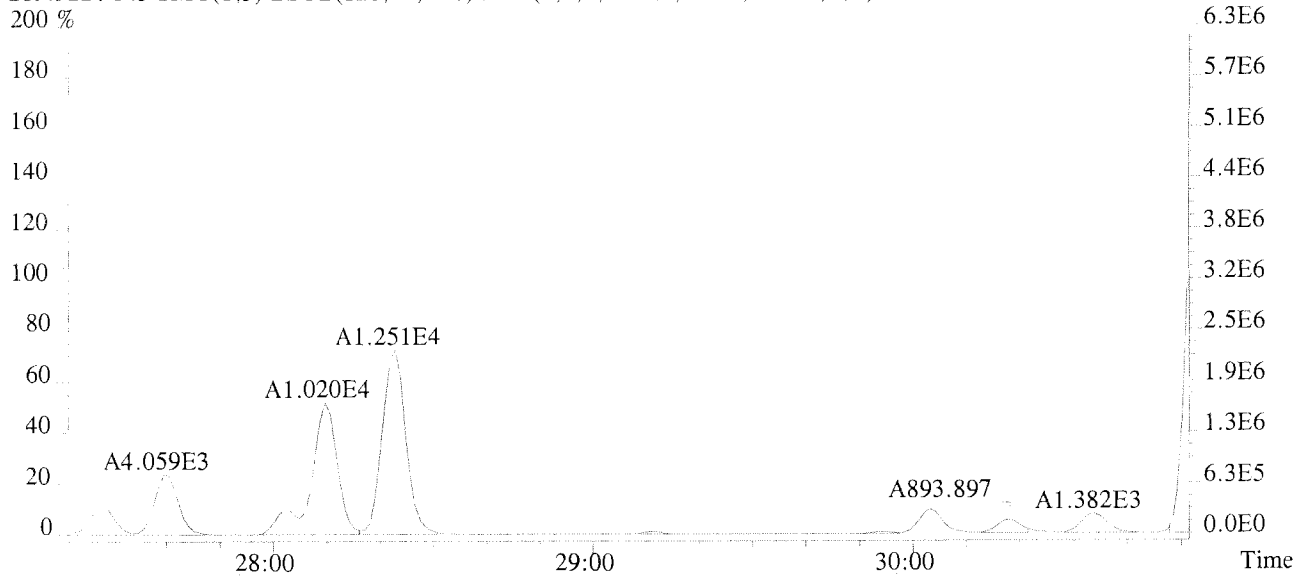
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1324.0,1.00%,F,T)



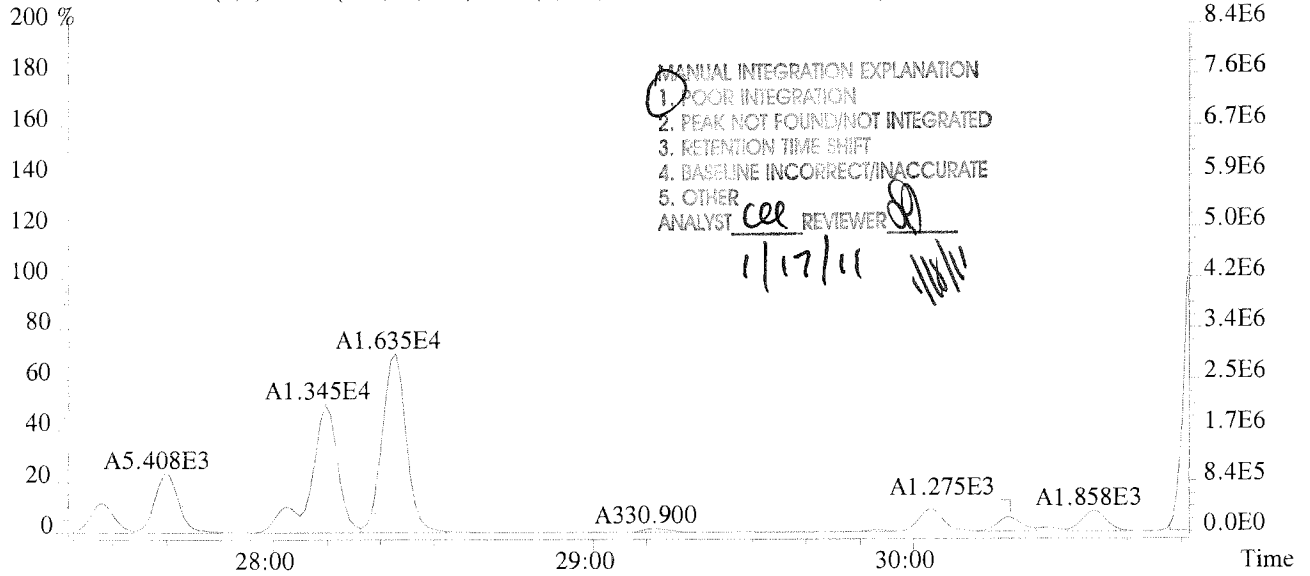
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



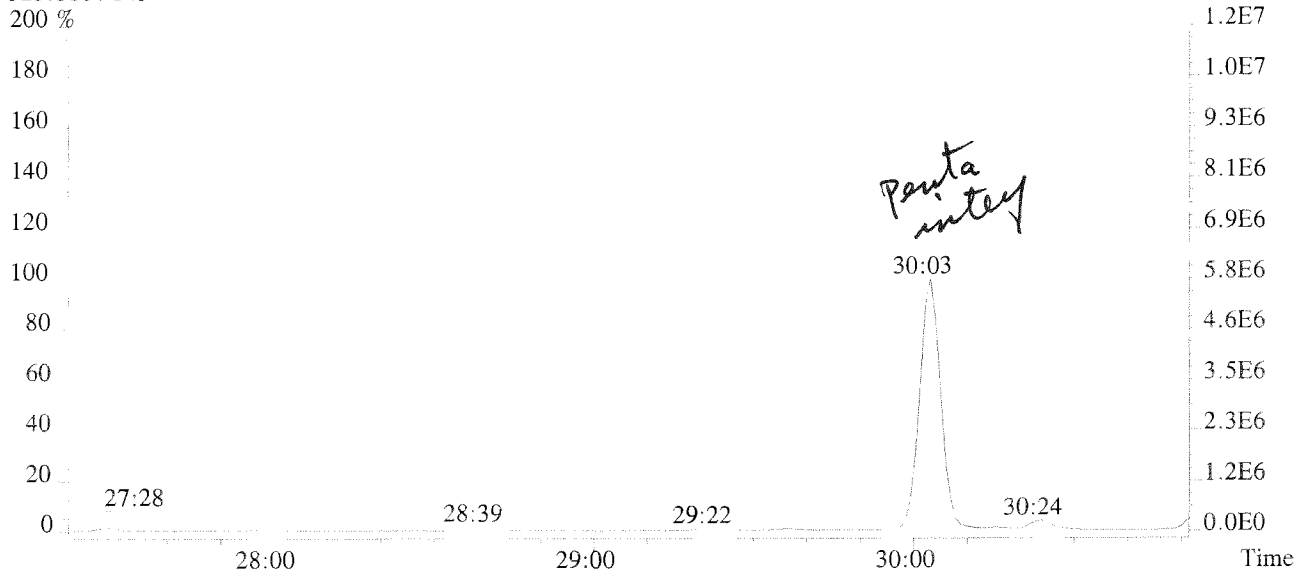
File:U224753 #1-594 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-004 USENN/S031
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,948.0,1.00%,F,T)
 200 %



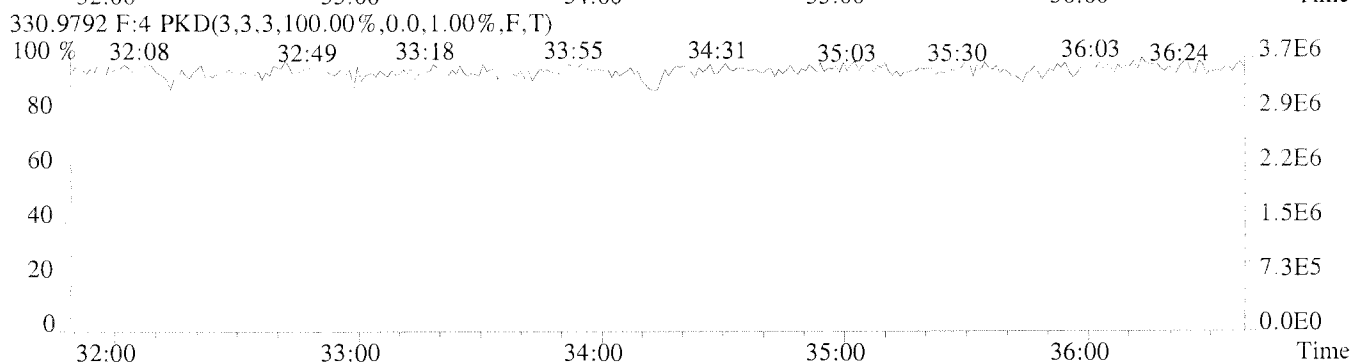
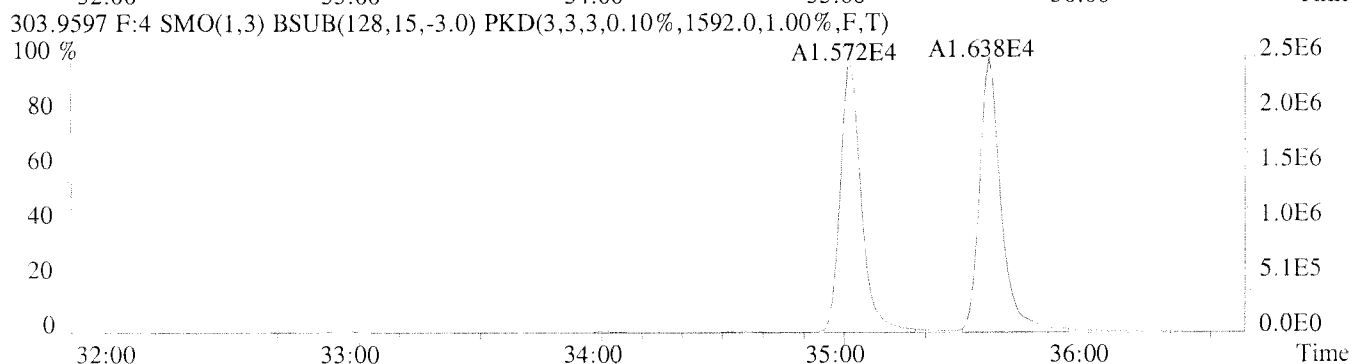
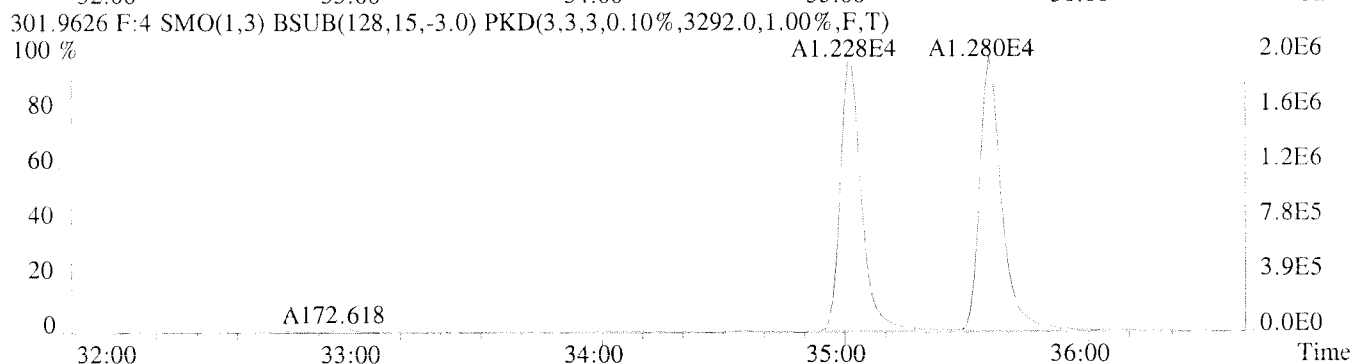
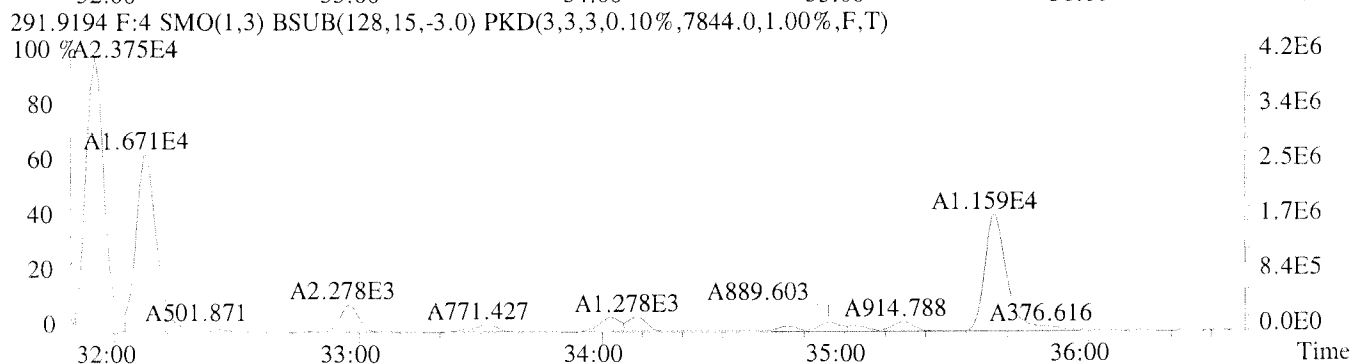
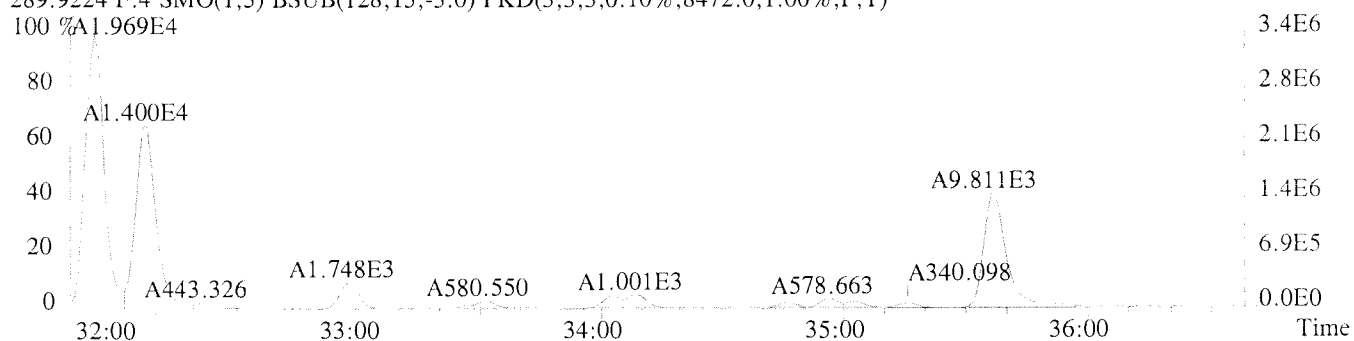
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,T)
 200 %



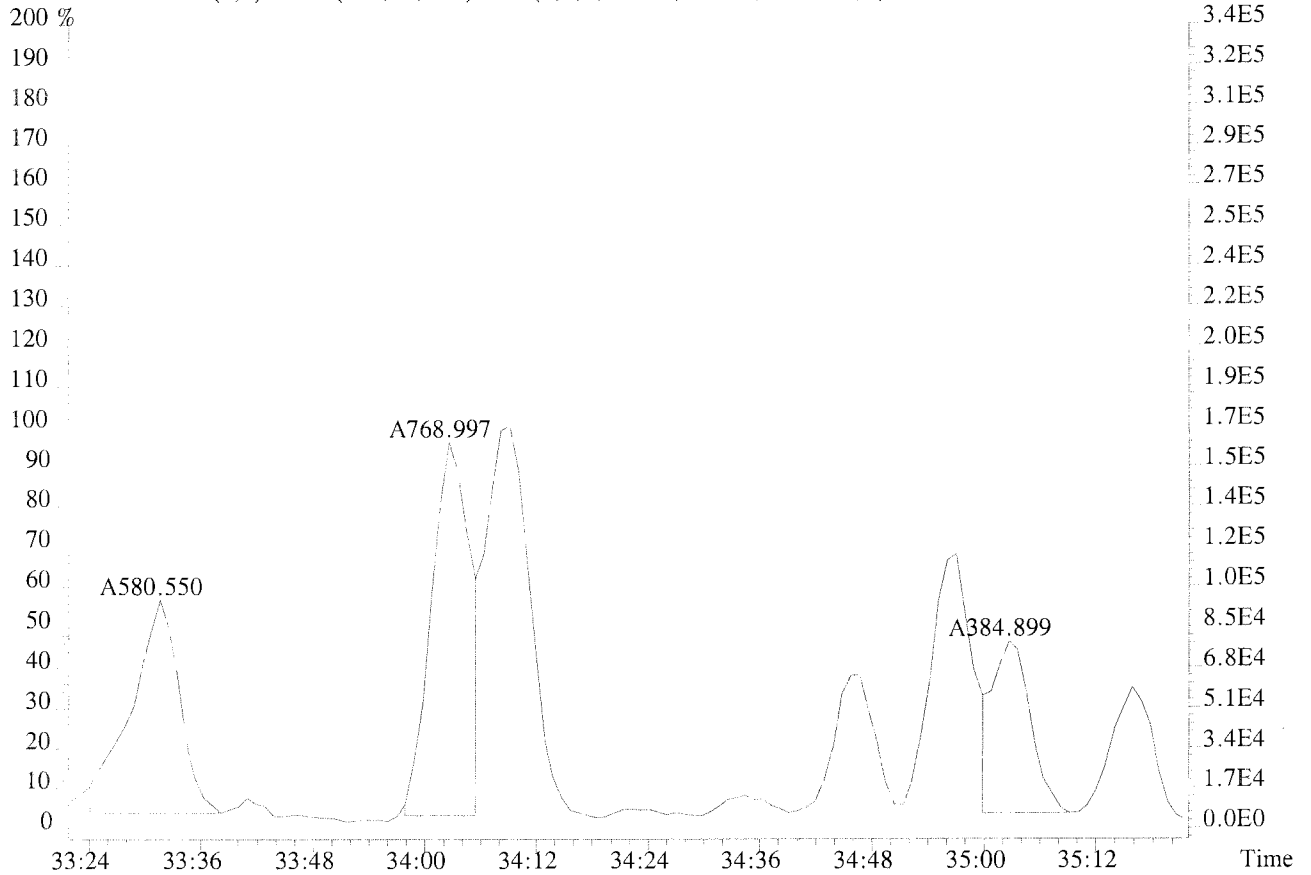
325.8804 F:3
 200 %



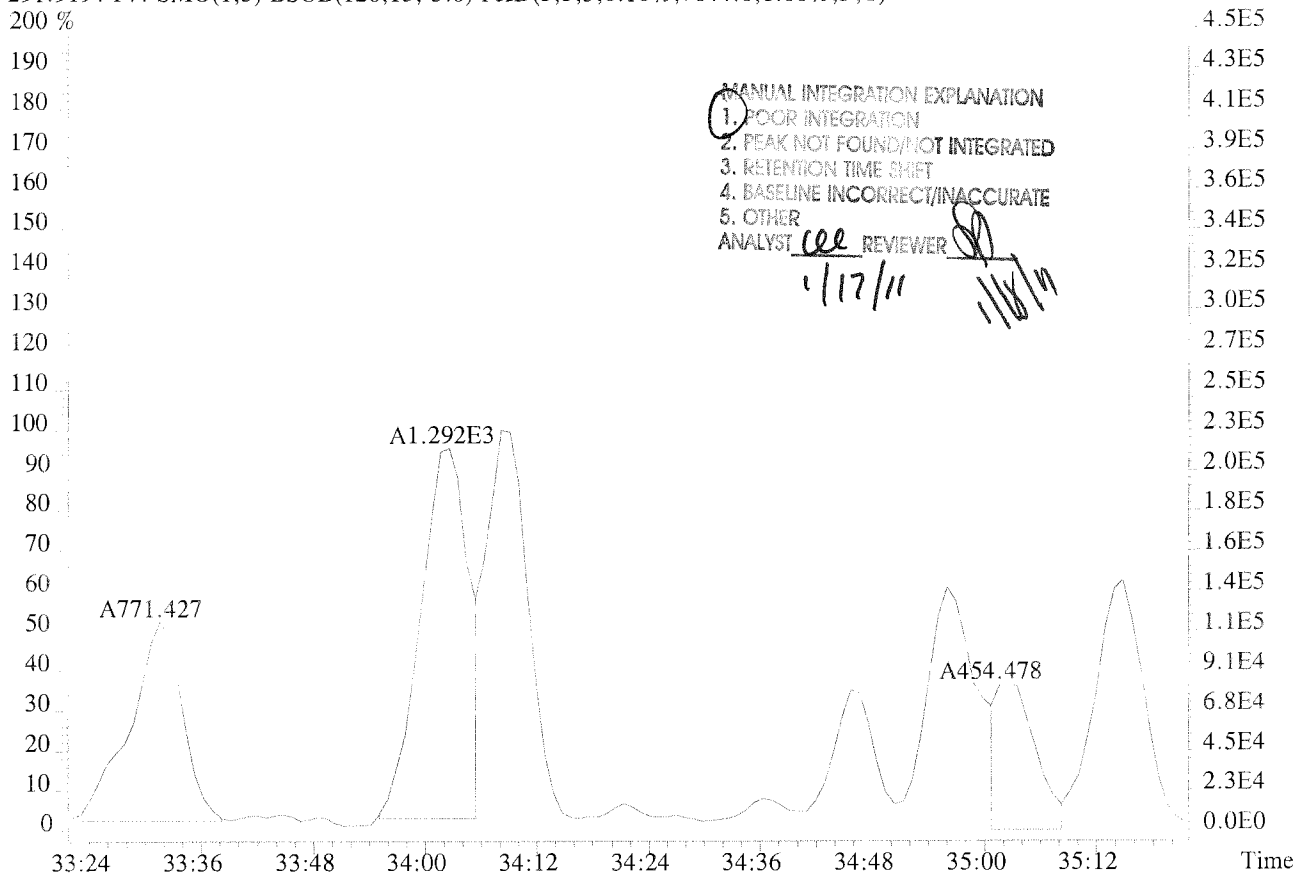
File:U224753 #1-309 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-004 USENN/S031
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8472.0,1.00%,F,T)
 100 %A1.969E4



File:U224753 #1-309 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-004 USENN/S031
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8472.0,1.00%,F,T)
 200 %



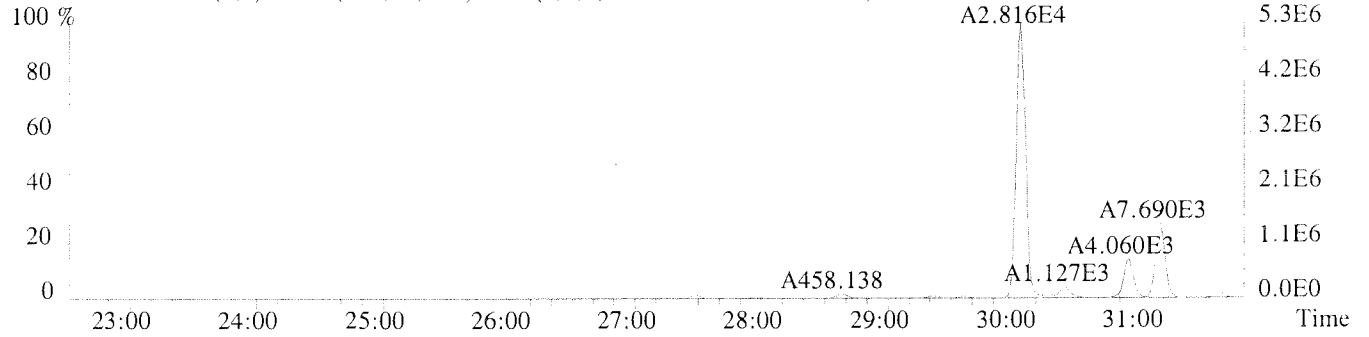
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7844.0,1.00%,F,T)
 200 %



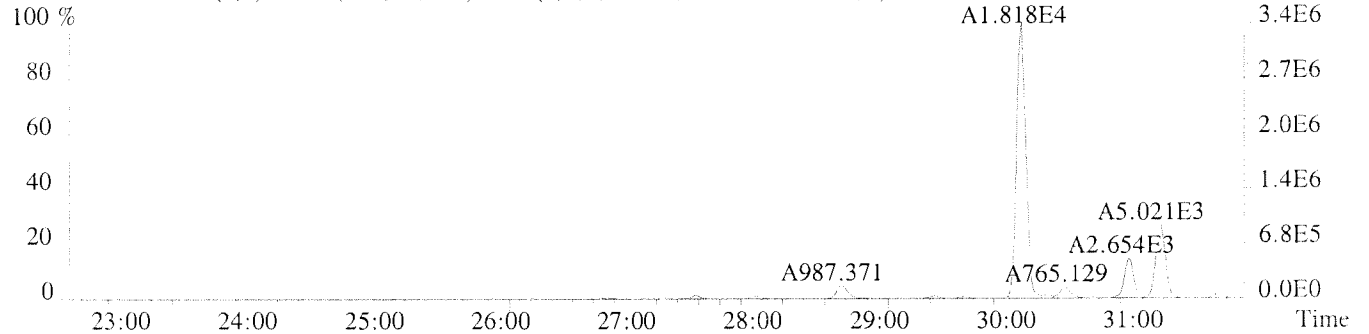
MANUAL INTEGRATION EXPLANATION
 1. POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER
 ANALYST lee REVIEWER [Signature]
 1/17/11 1/18/11

File:U224753 #1-594 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-004 USENN/S031

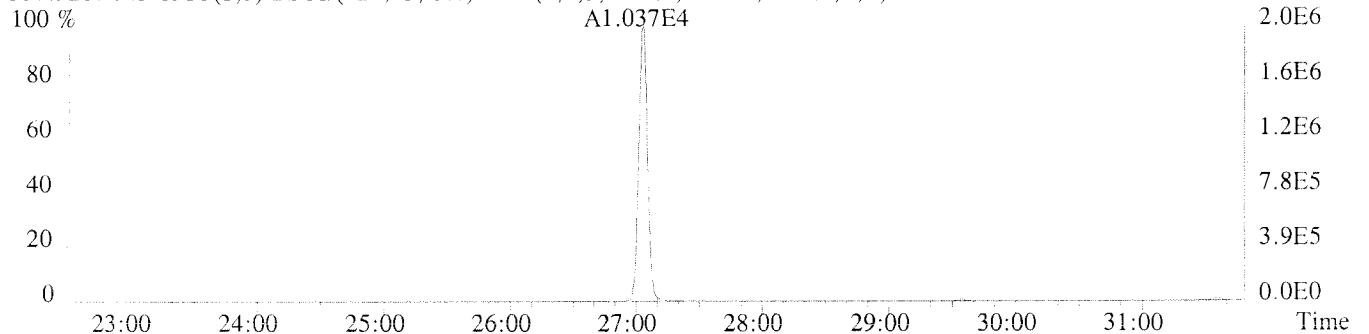
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,T)



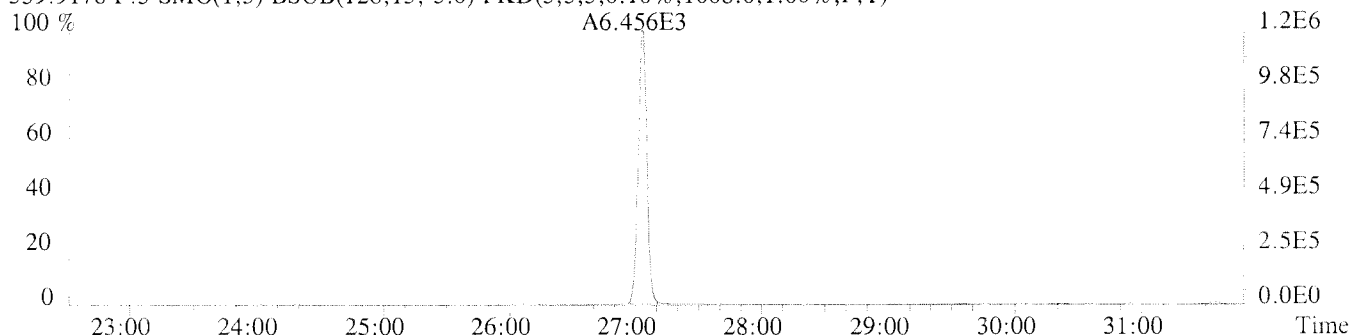
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1112.0,1.00%,F,T)



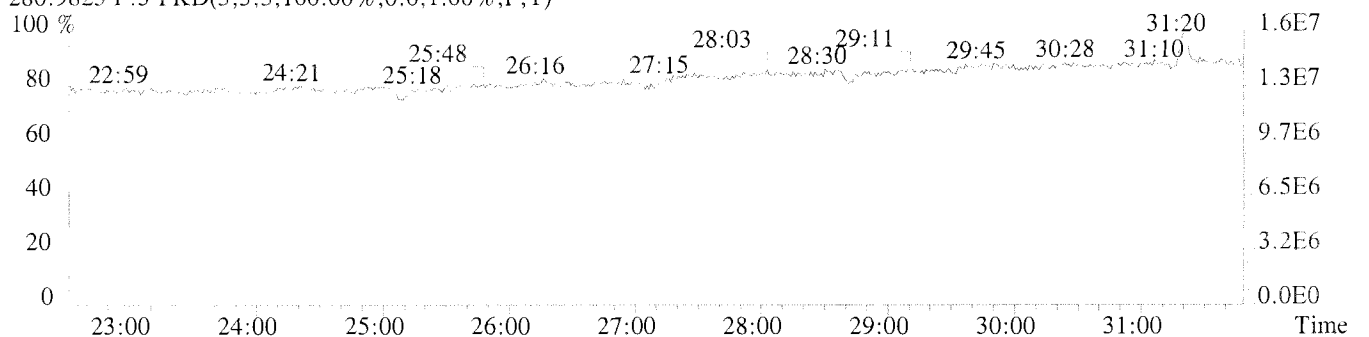
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1036.0,1.00%,F,T)



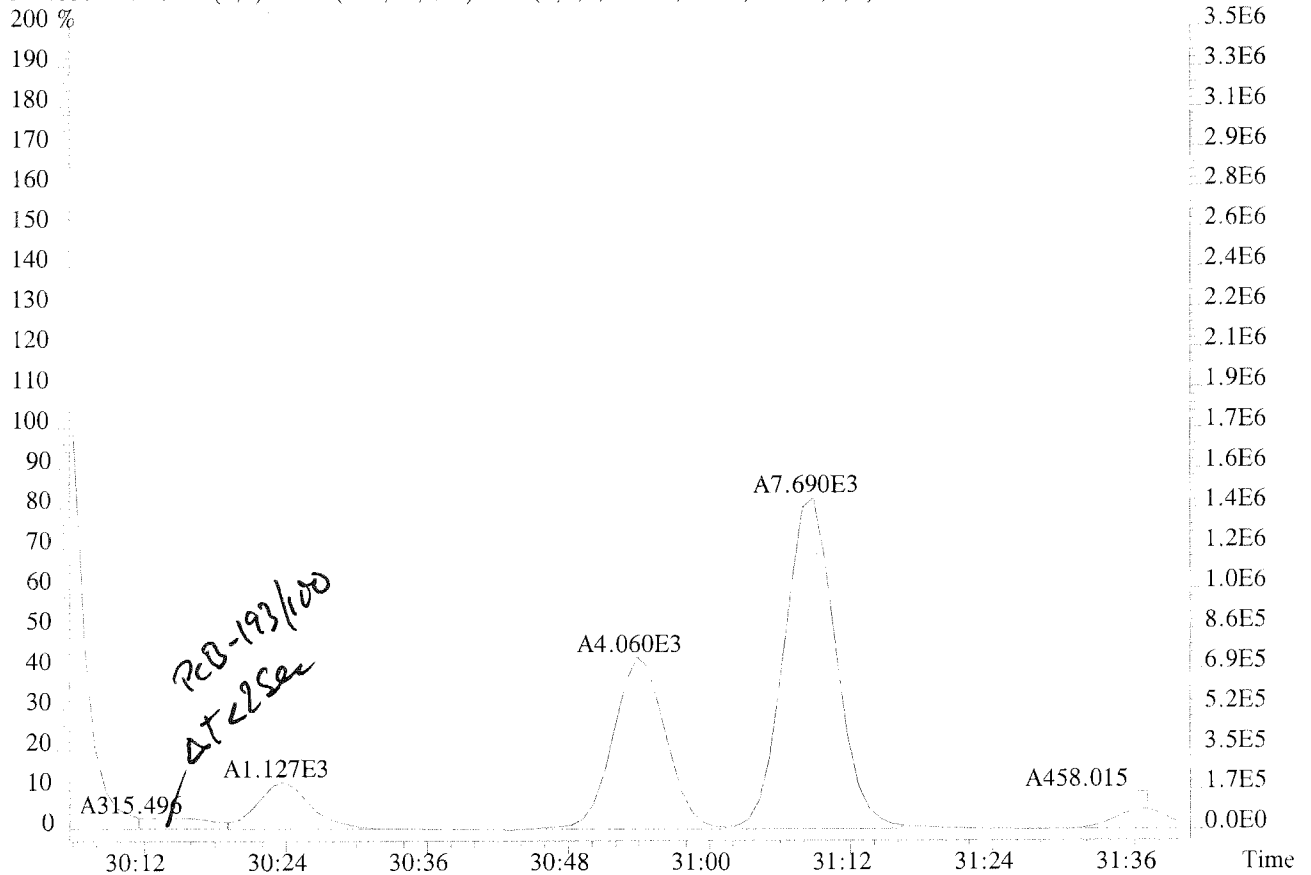
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1008.0,1.00%,F,T)



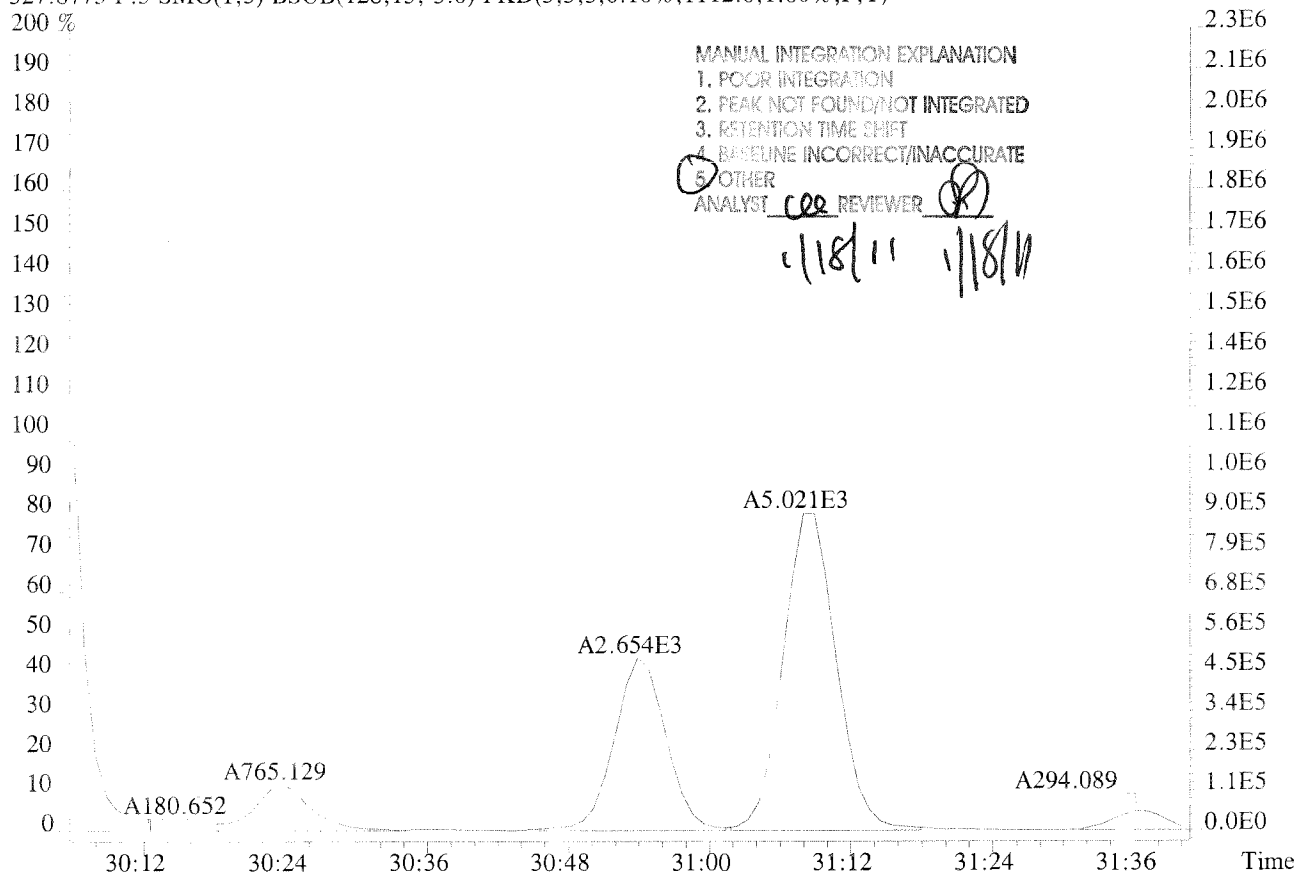
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



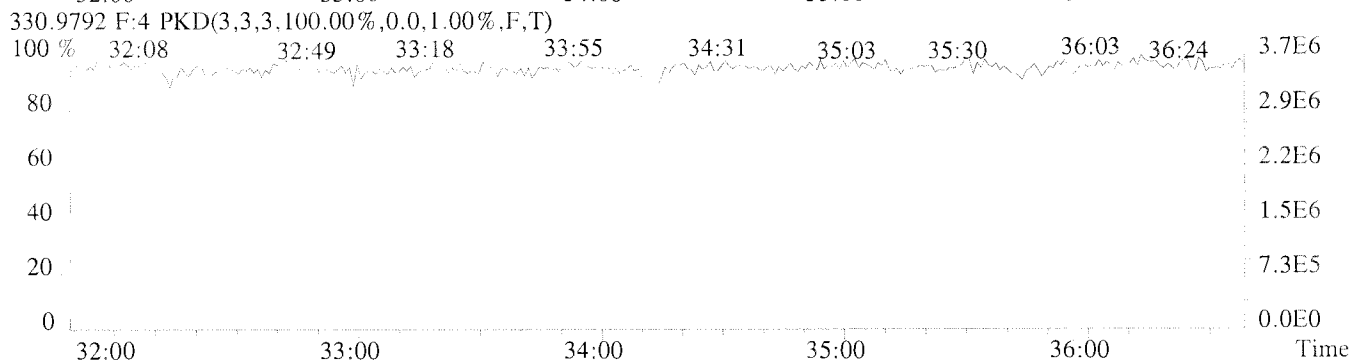
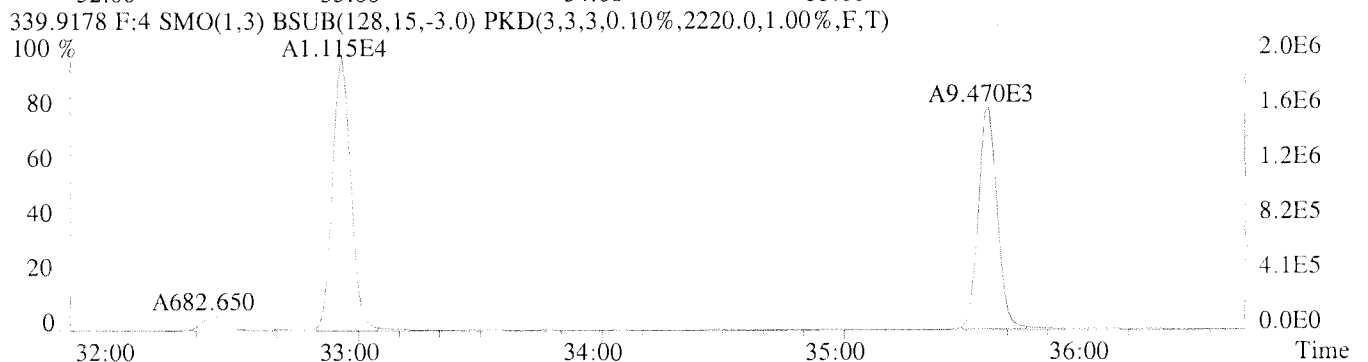
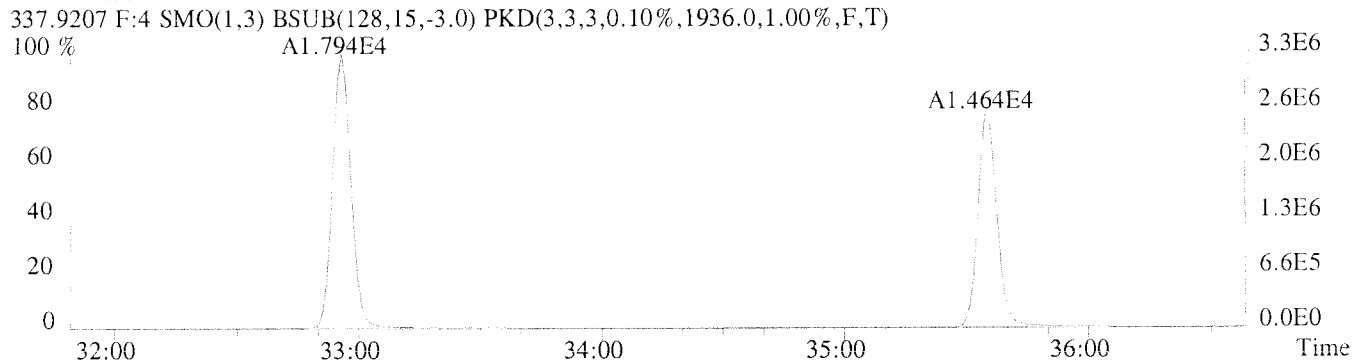
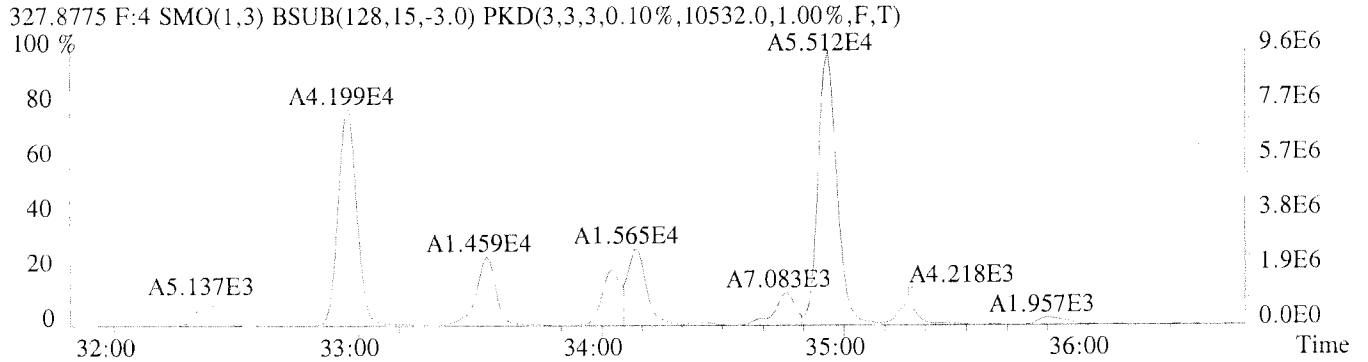
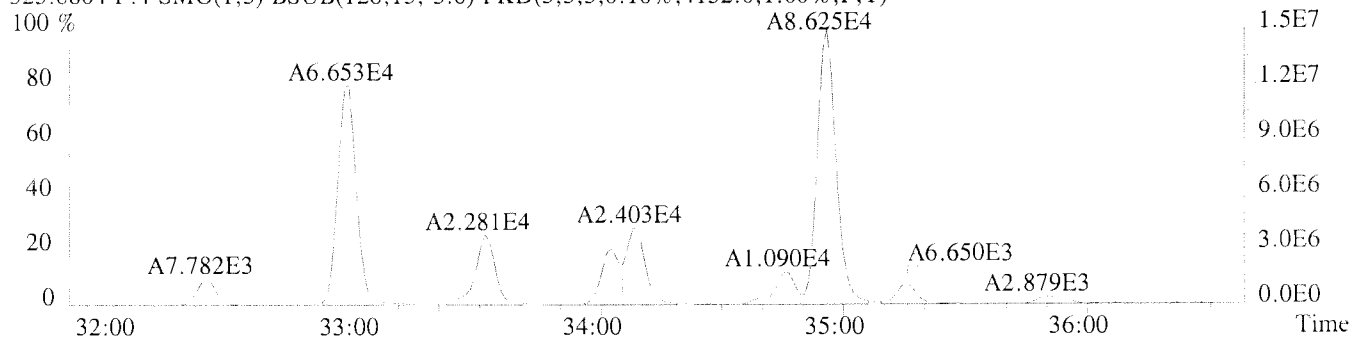
File:U224753 #1-594 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-004 USENN/S031
 325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,T)
 200 %



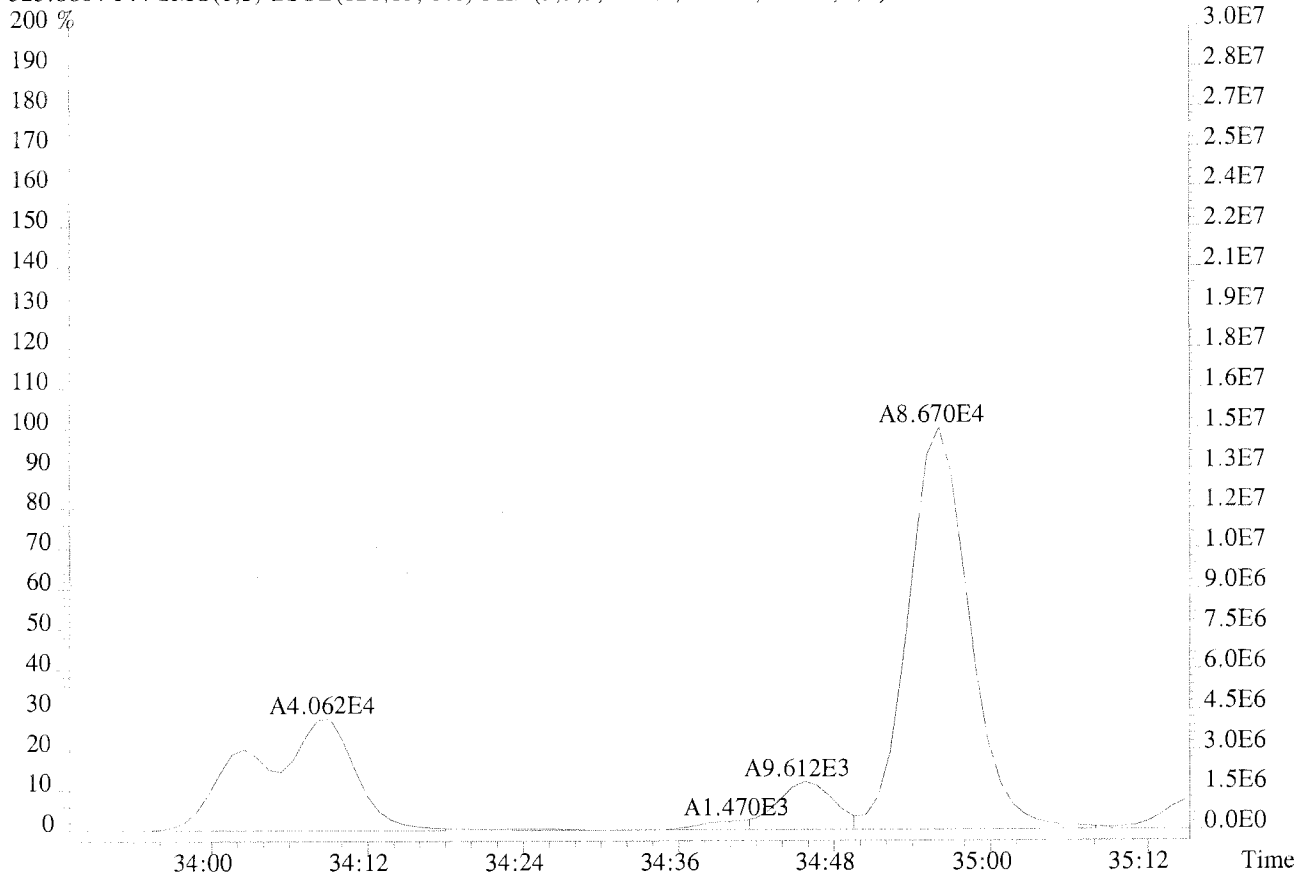
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1112.0,1.00%,F,T)
 200 %



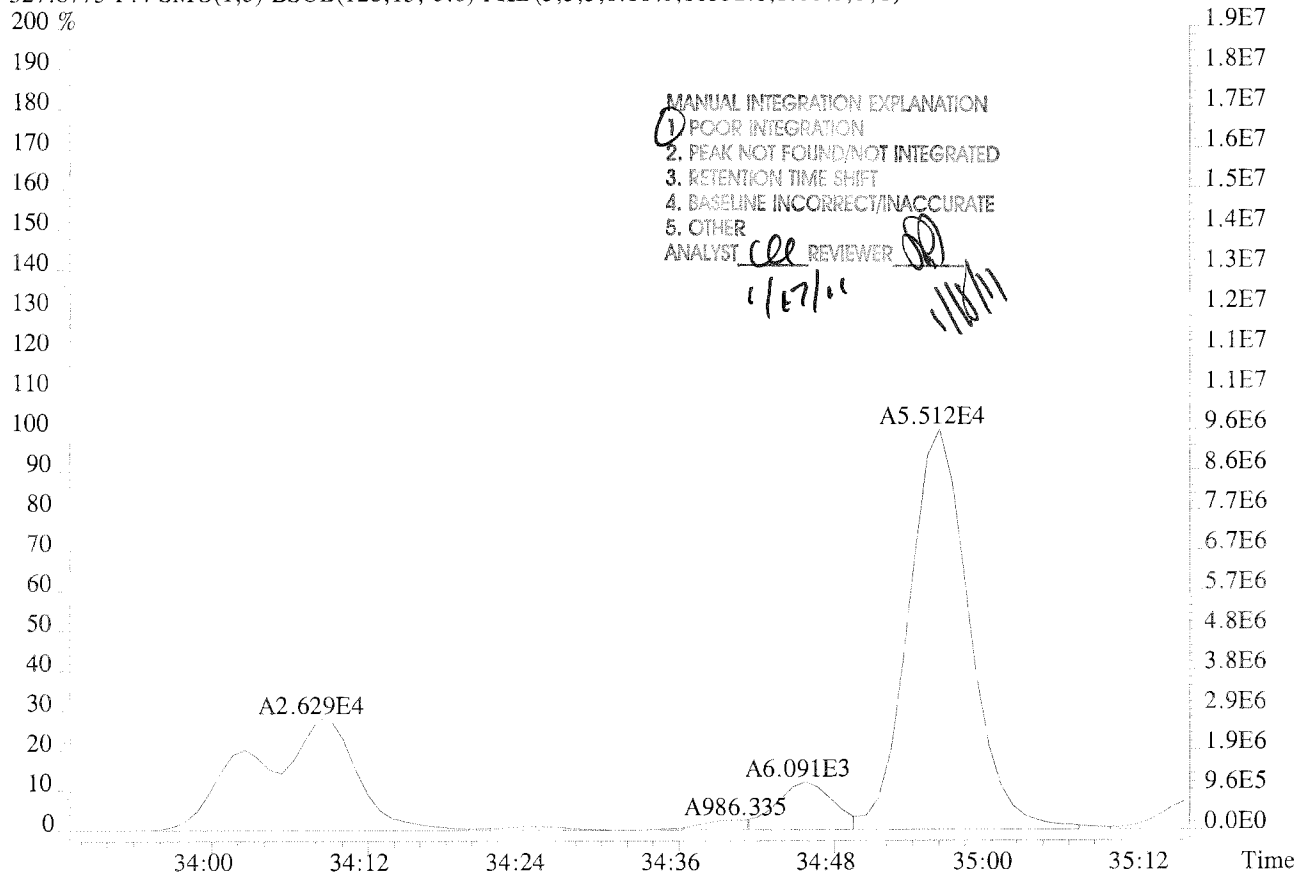
File:U224753 #1-309 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-004 USENN/S031
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4152.0,1.00%,F,T)
 100 %



File:U224753 #1-309 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-004 USENN/S031
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4152.0,1.00%,F,T)
 200 %

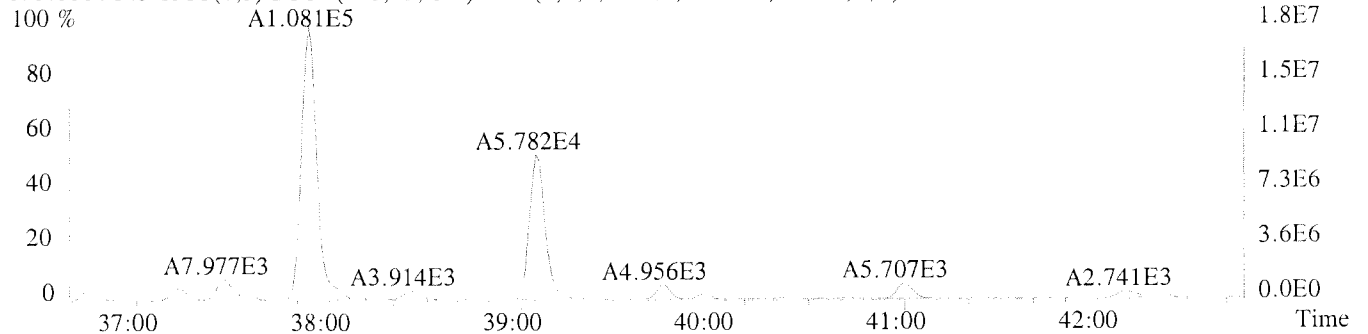


327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10532.0,1.00%,F,T)

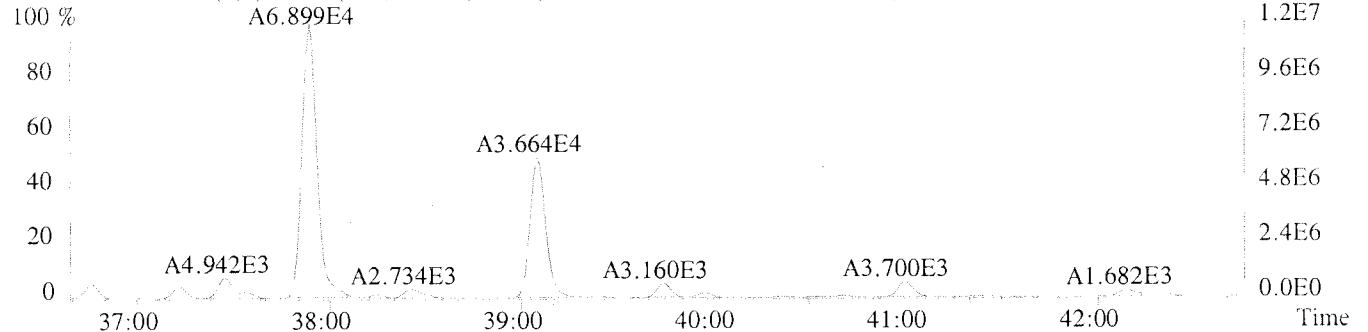


File:U224753 #1-391 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-004 USENN/S031

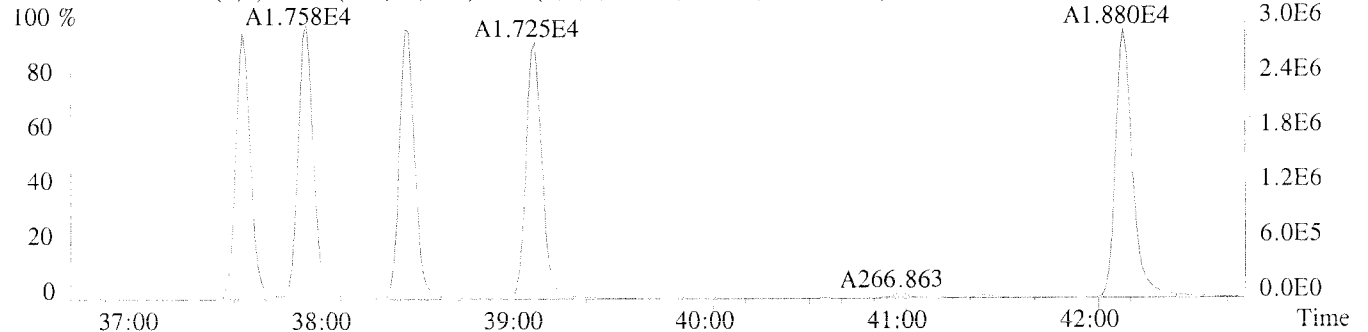
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,48956.0,1.00%,F,T)



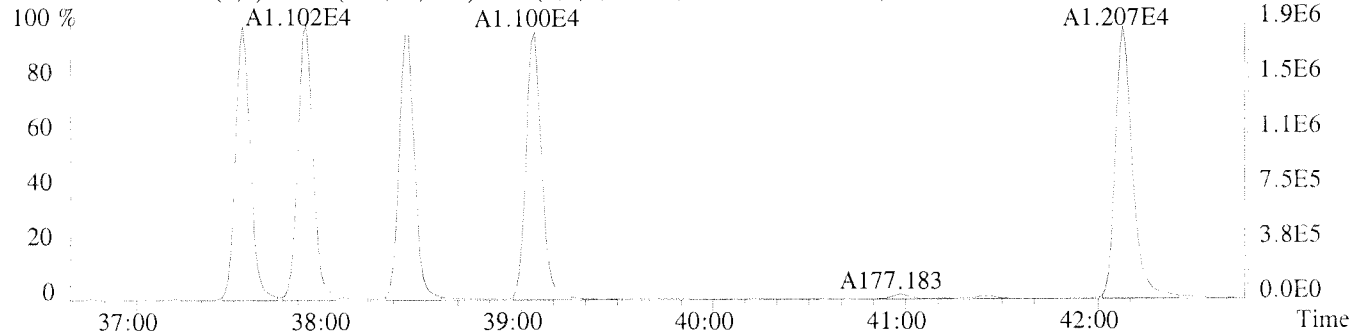
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,44640.0,1.00%,F,T)



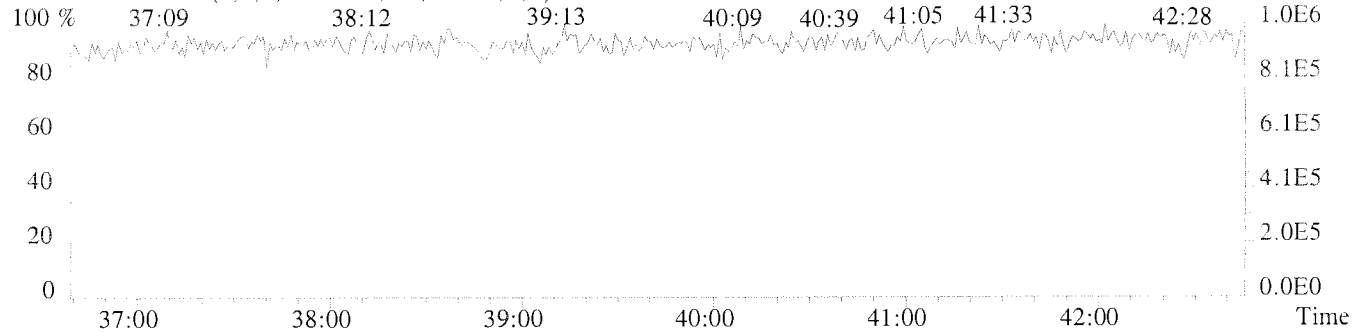
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3776.0,1.00%,F,T)



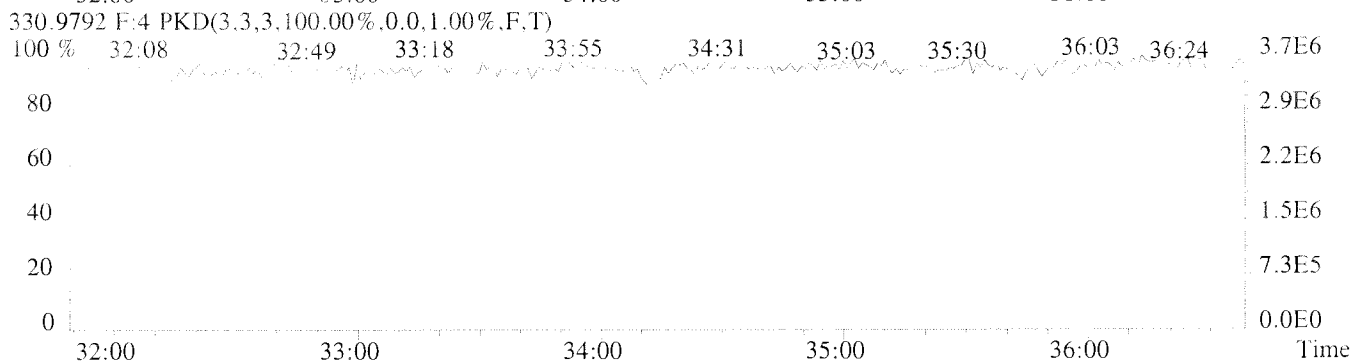
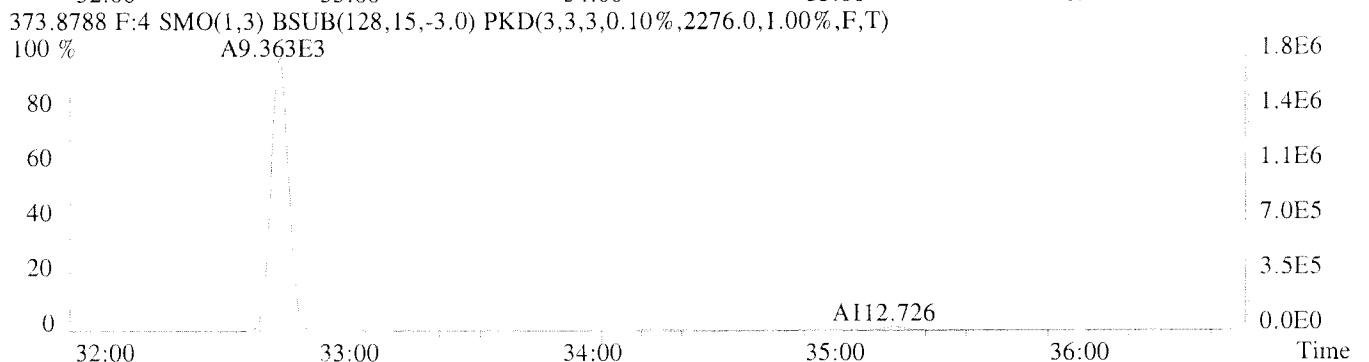
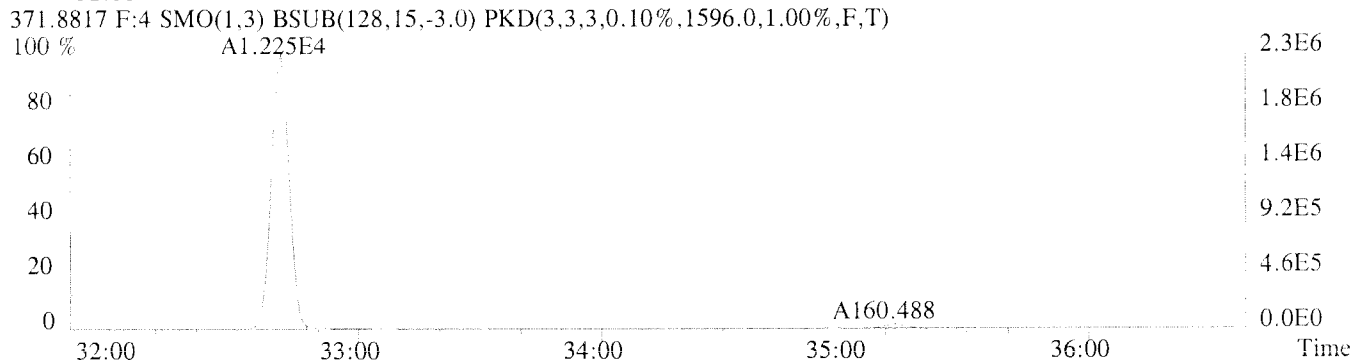
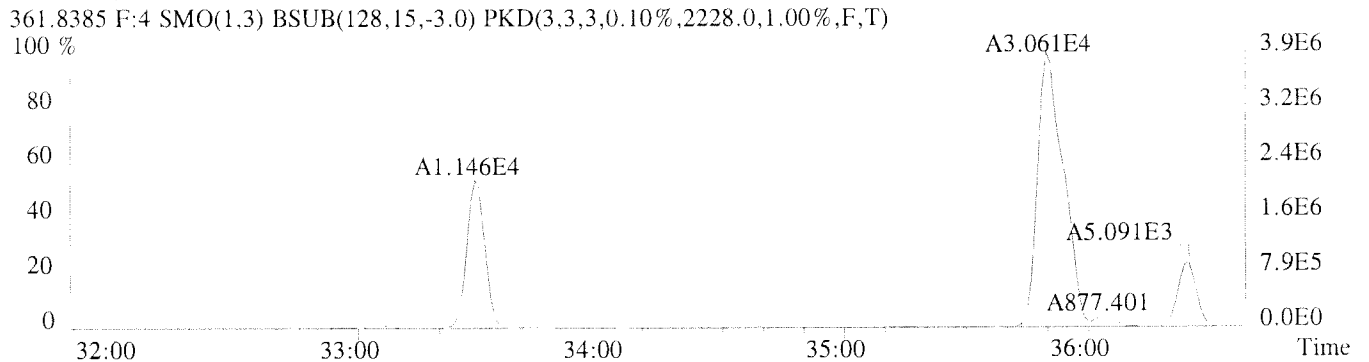
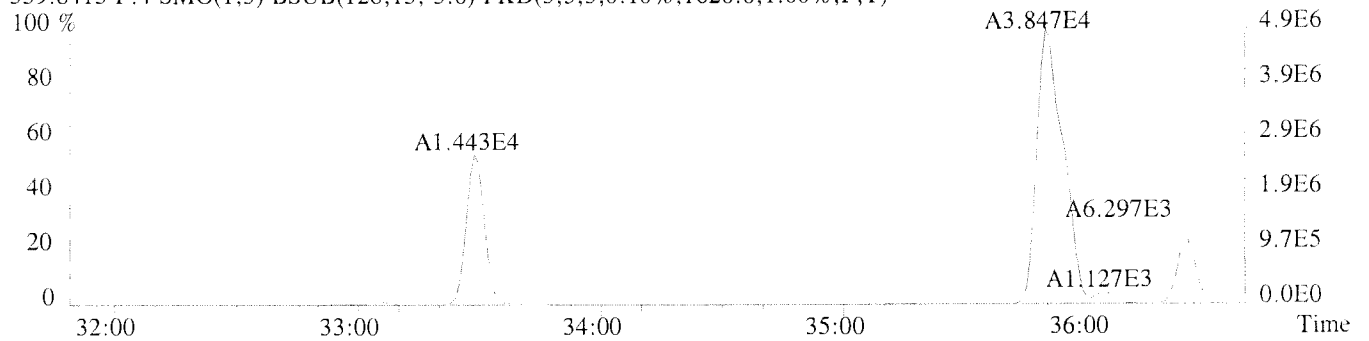
339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2452.0,1.00%,F,T)



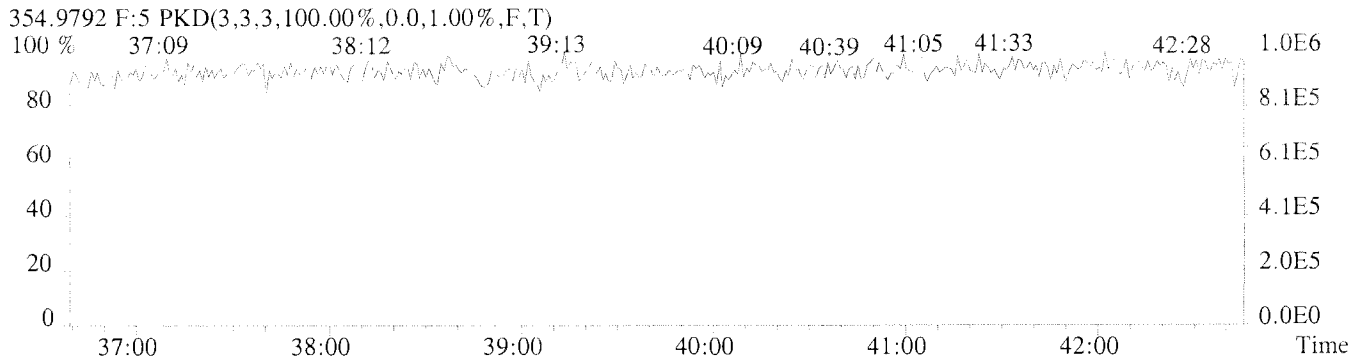
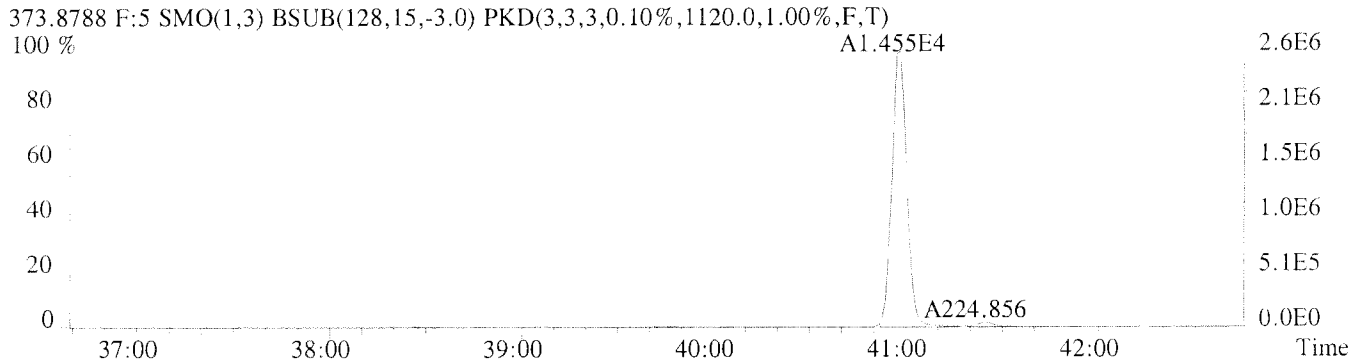
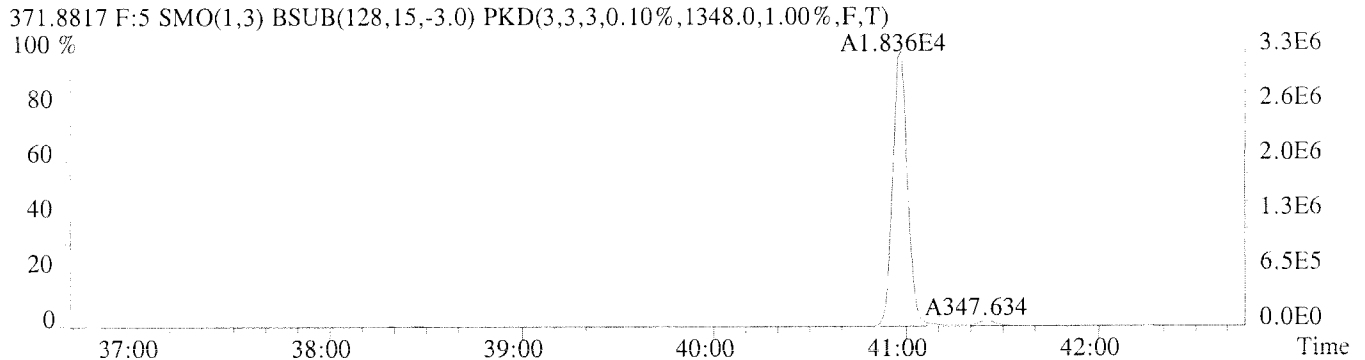
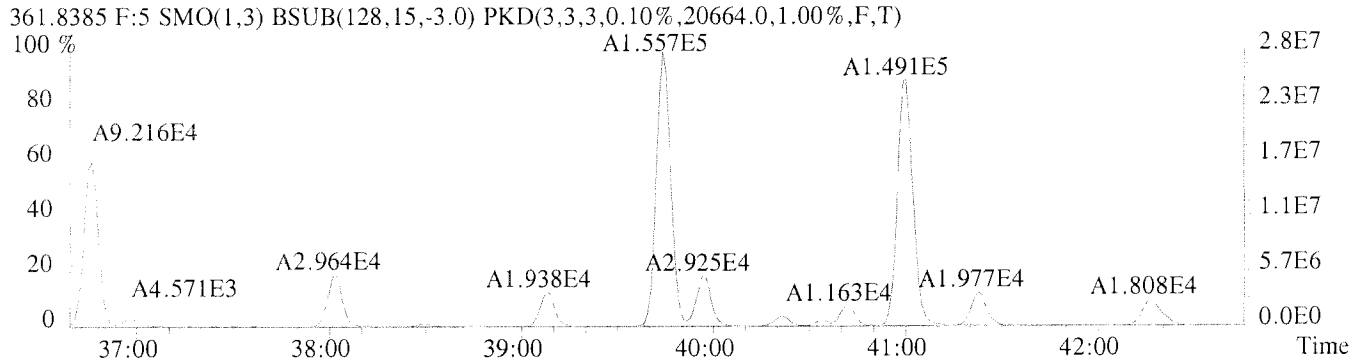
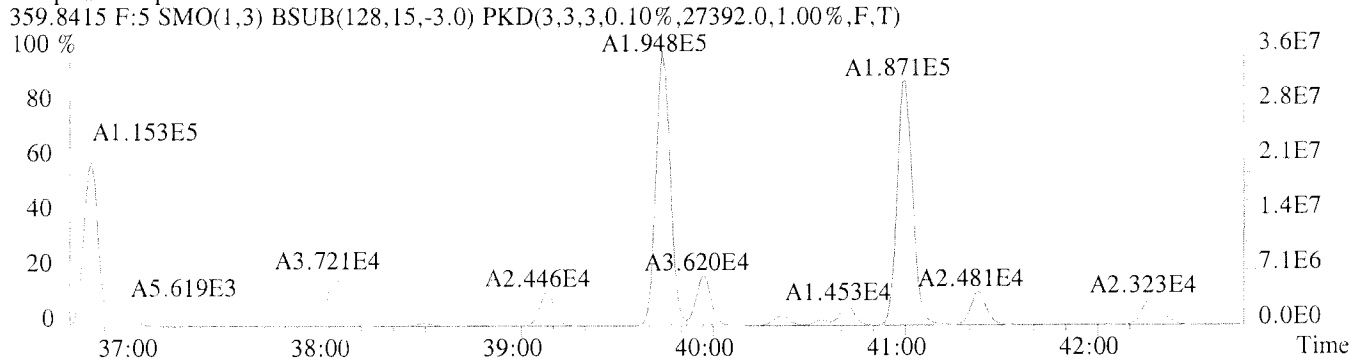
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224753 #1-309 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-004 USENN/S031
 359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1620.0,1.00%,F,T)

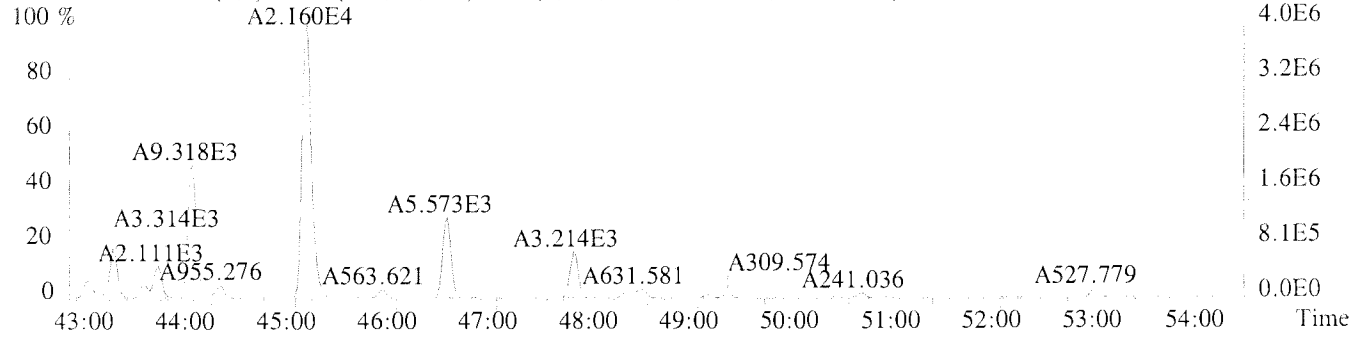


File:U224753 #1-391 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-004 USENN/S031

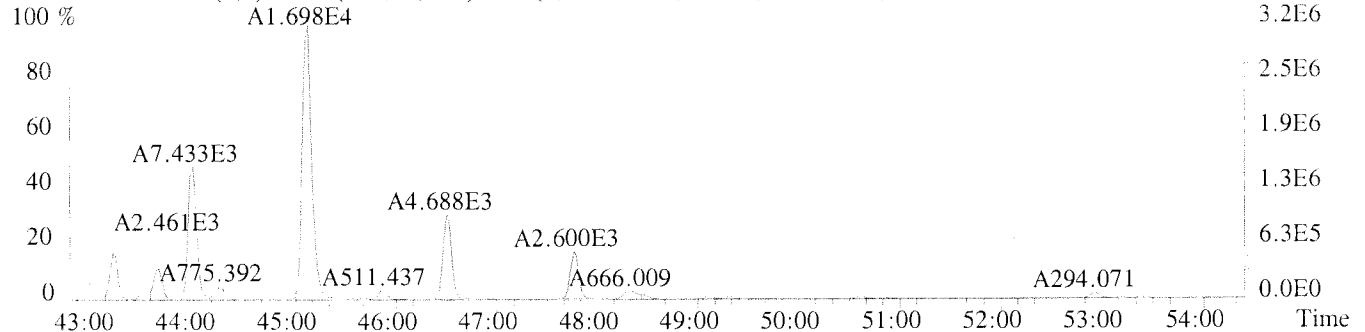


Sample#1 Exp:K1013433-004 USENN/S031

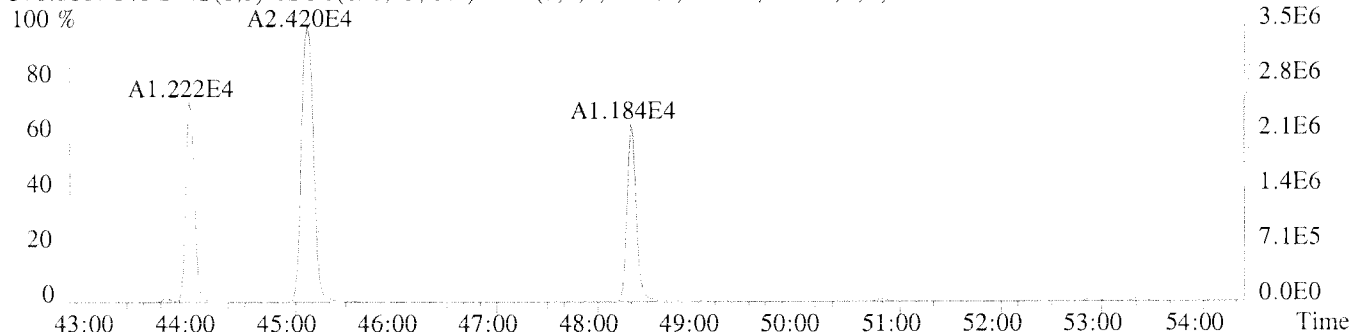
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16640.0,1.00%,F,T)



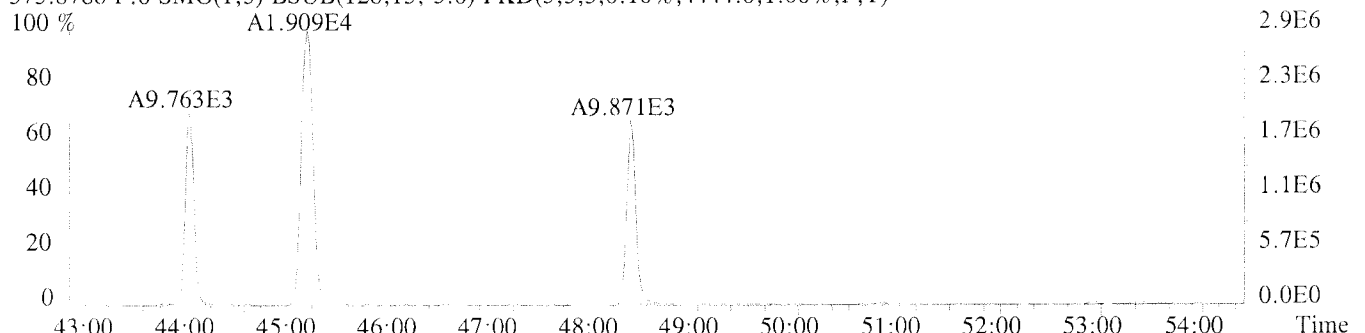
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3348.0,1.00%,F,T)



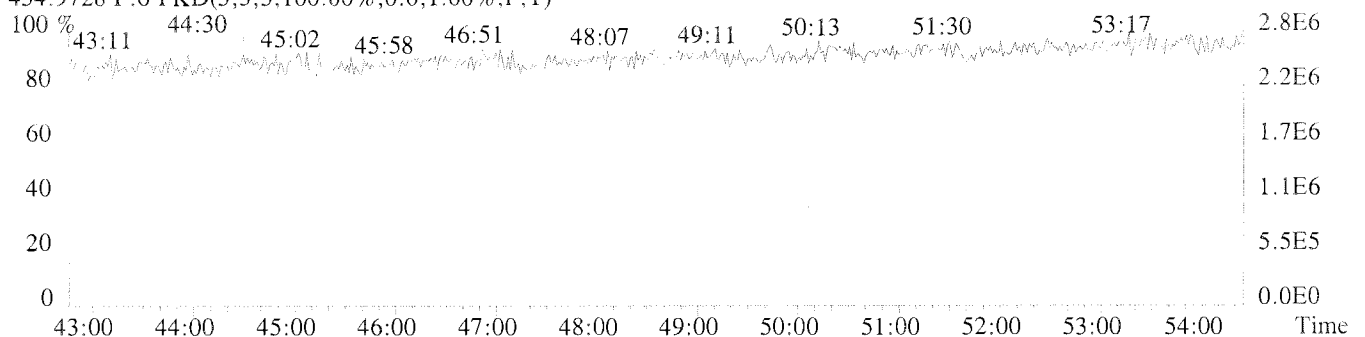
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1816.0,1.00%,F,T)



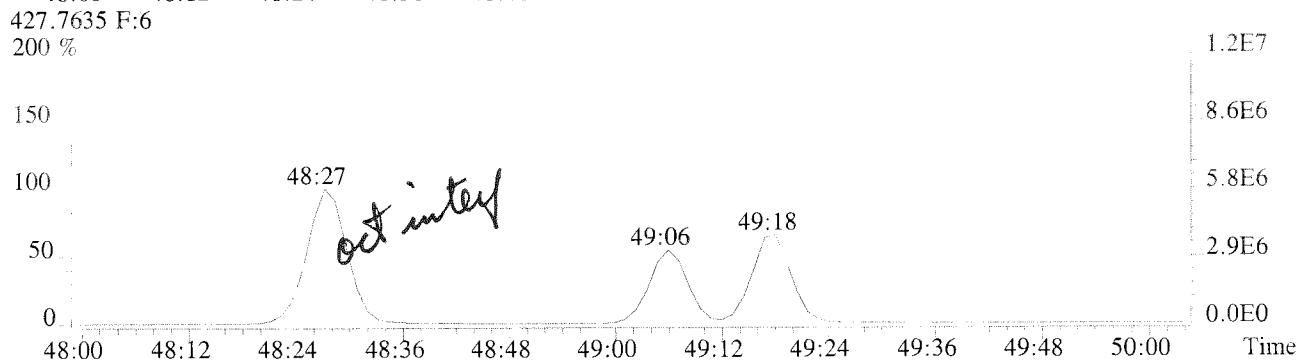
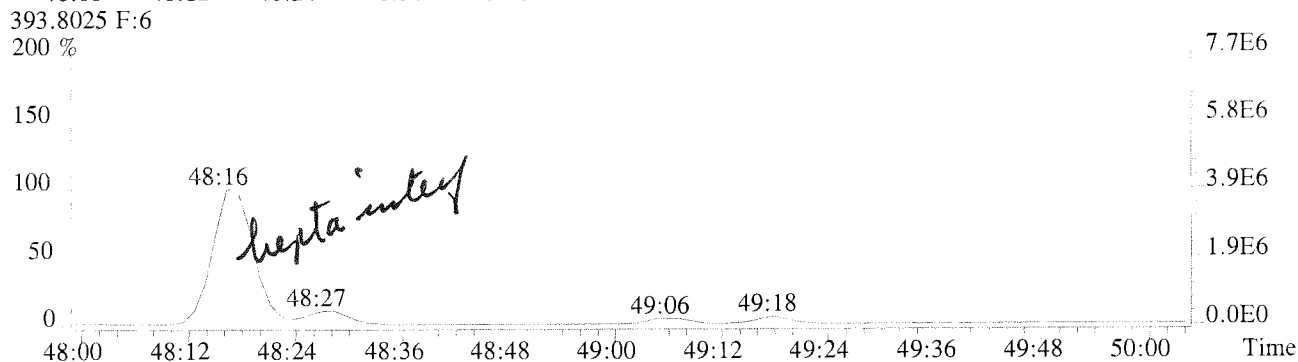
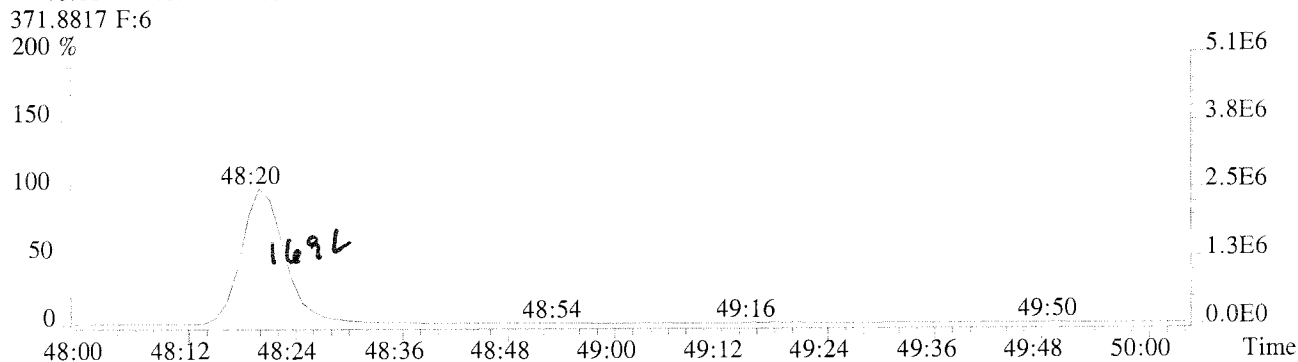
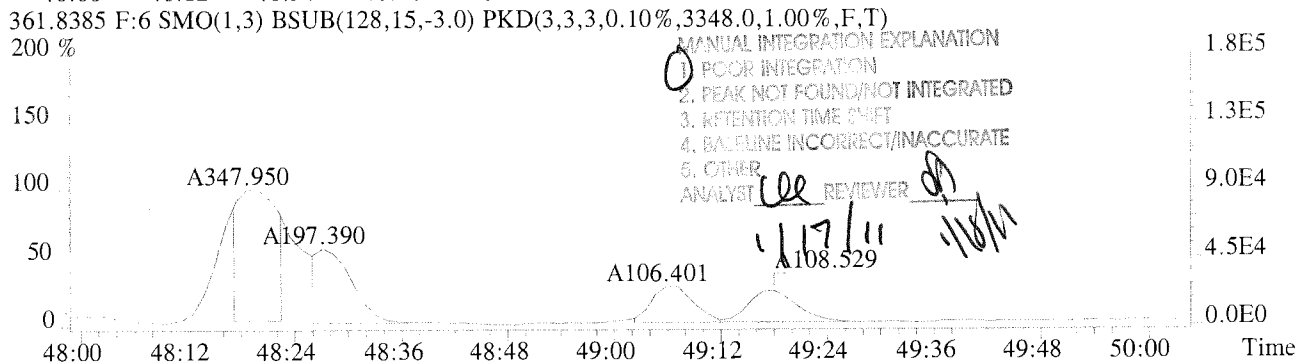
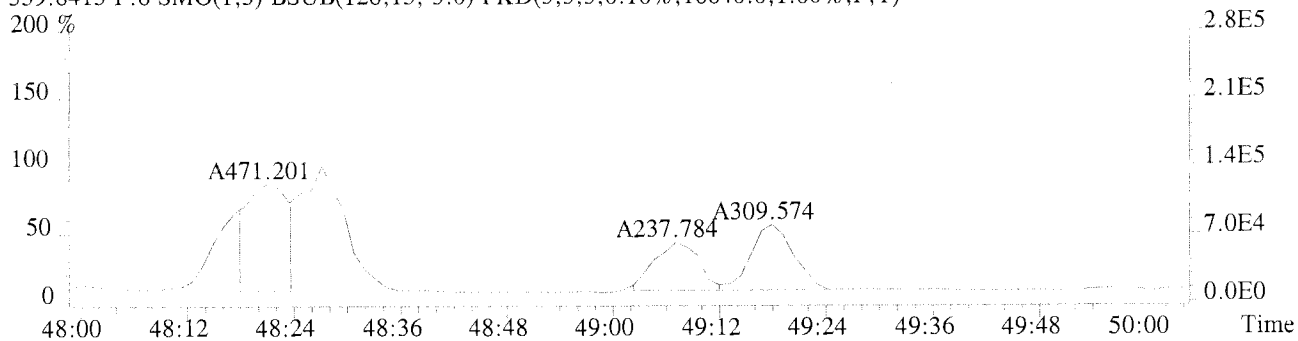
373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4444.0,1.00%,F,T)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



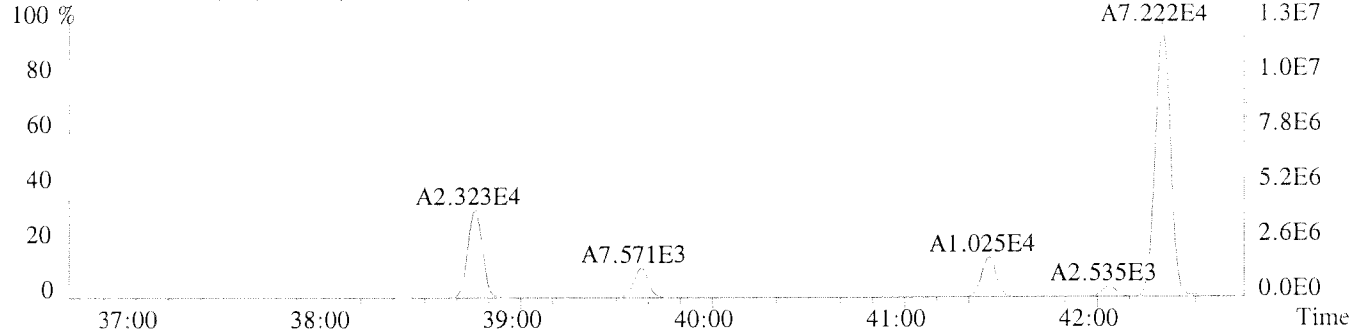
File:U224753 #1-577 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-004 USENN/S031
 359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16640.0,1.00%,F,T)
 200 %



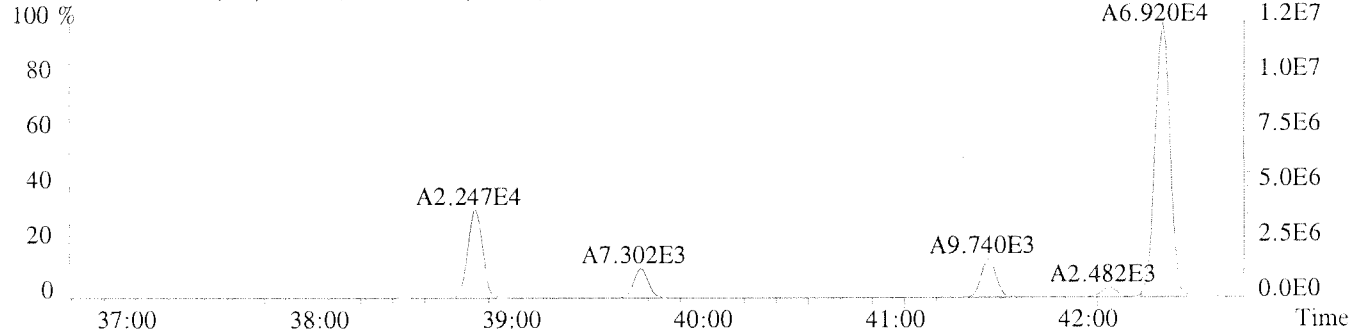
File:U224753 #1-391 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-004 USENN/S031

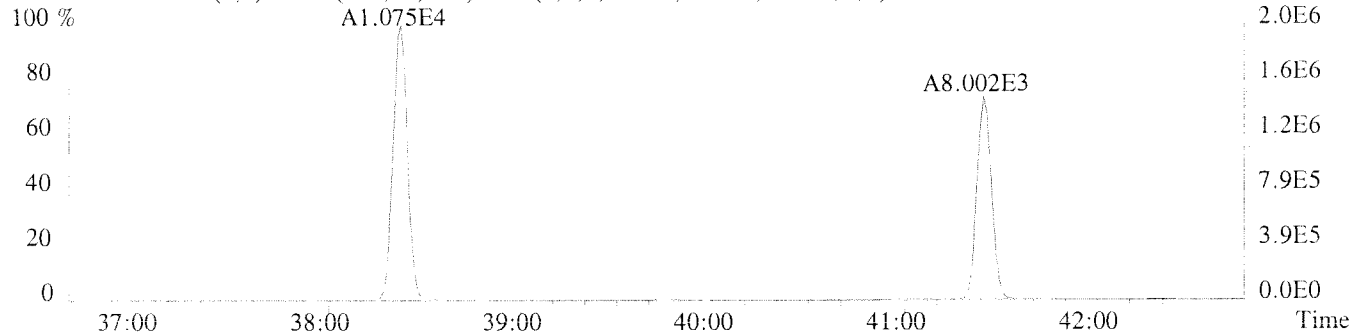
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1240.0,1.00%,F,T)



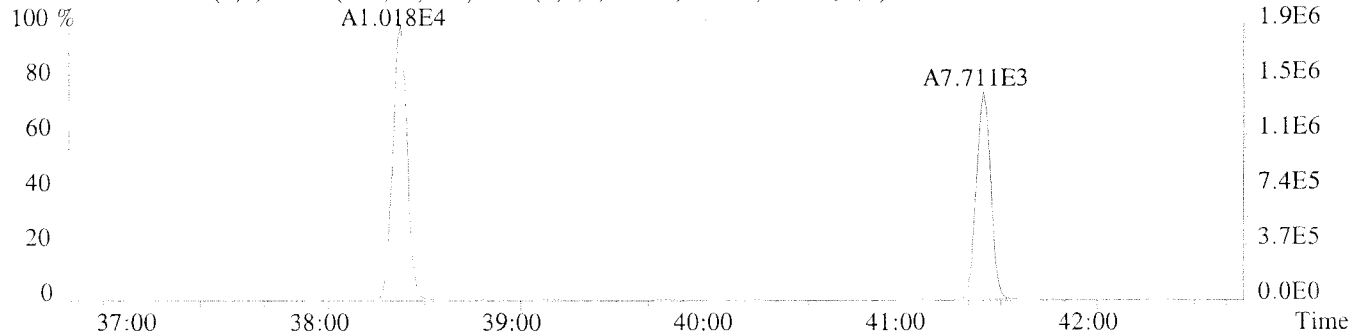
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2012.0,1.00%,F,T)



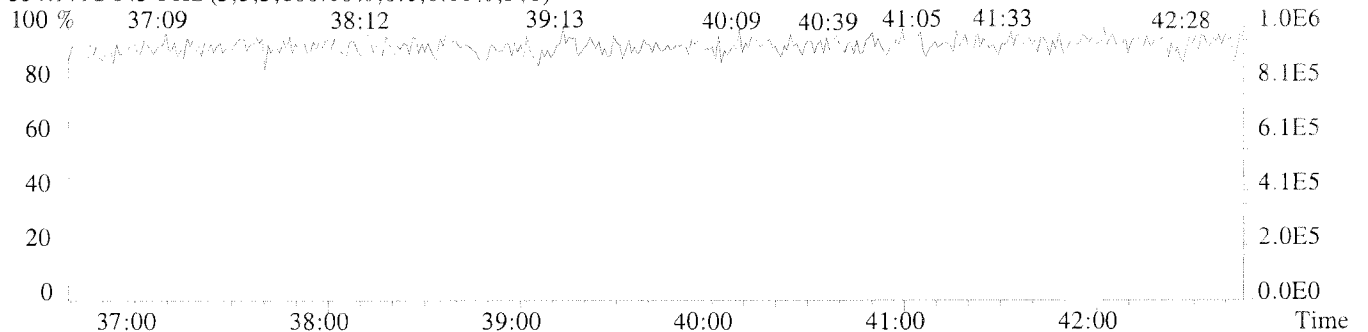
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2020.0,1.00%,F,T)



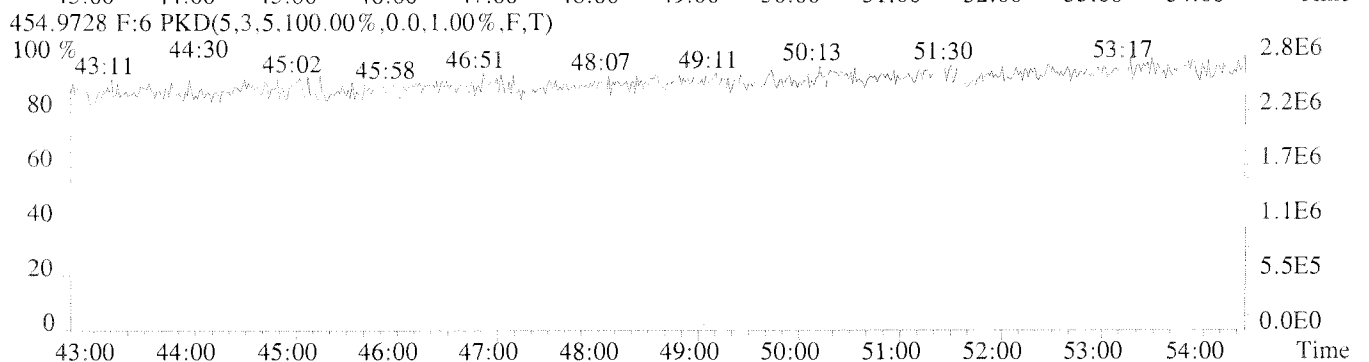
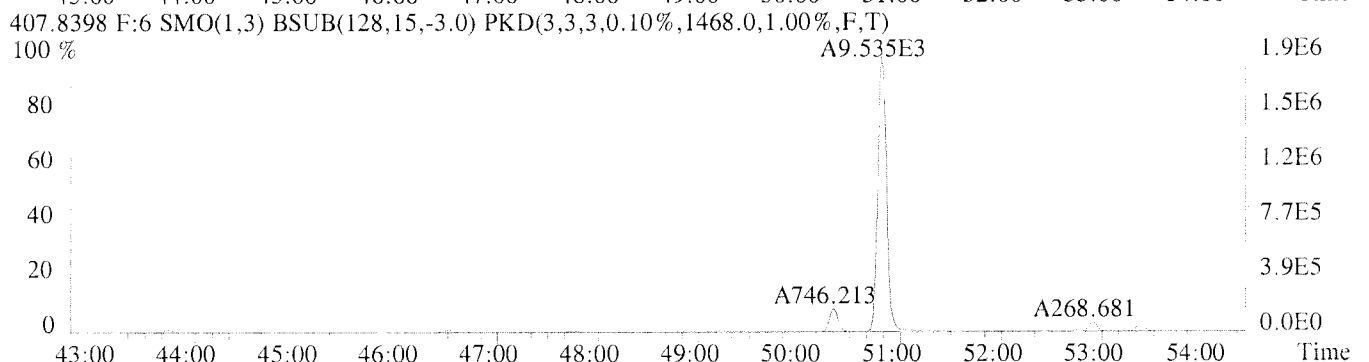
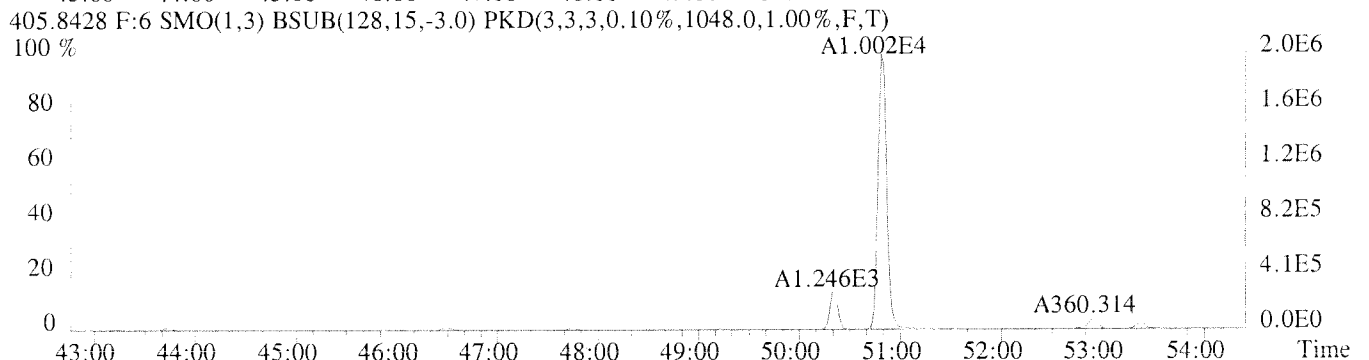
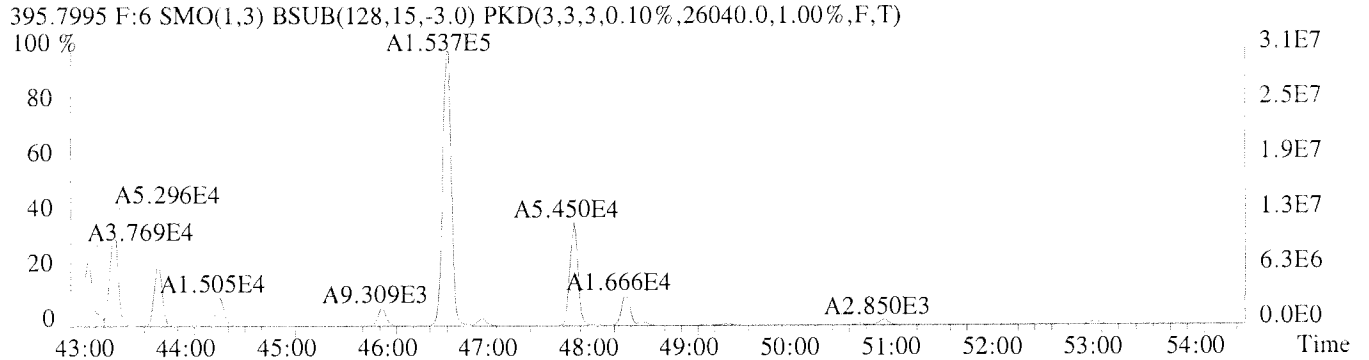
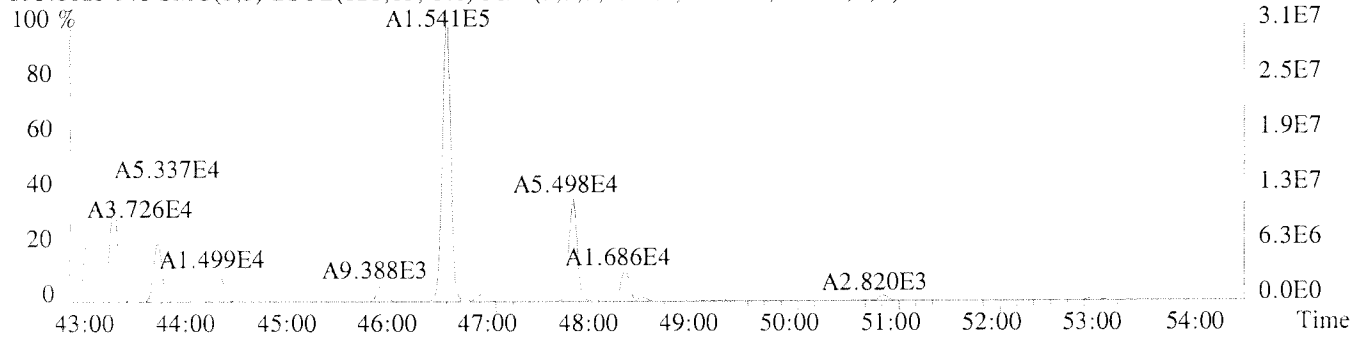
407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2088.0,1.00%,F,T)



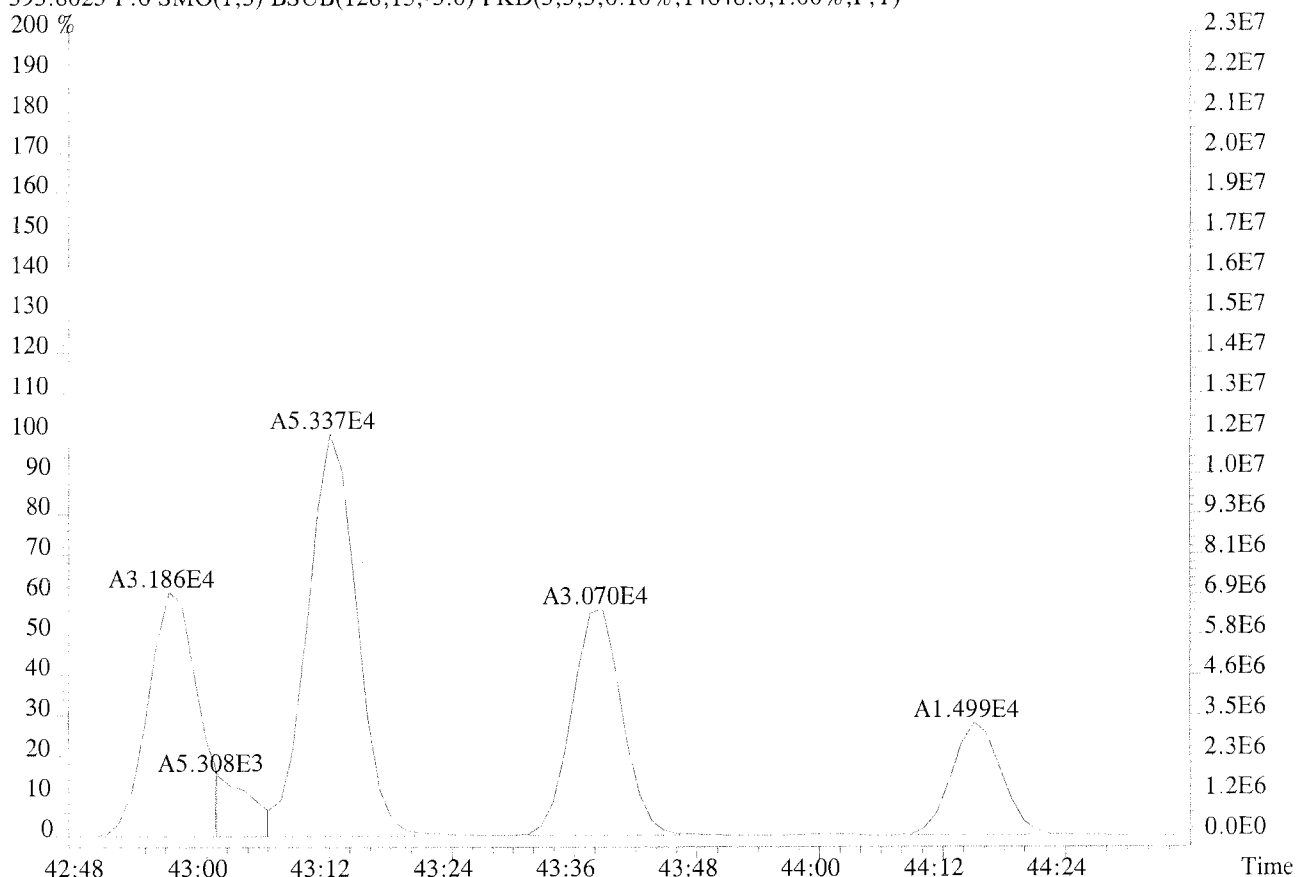
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



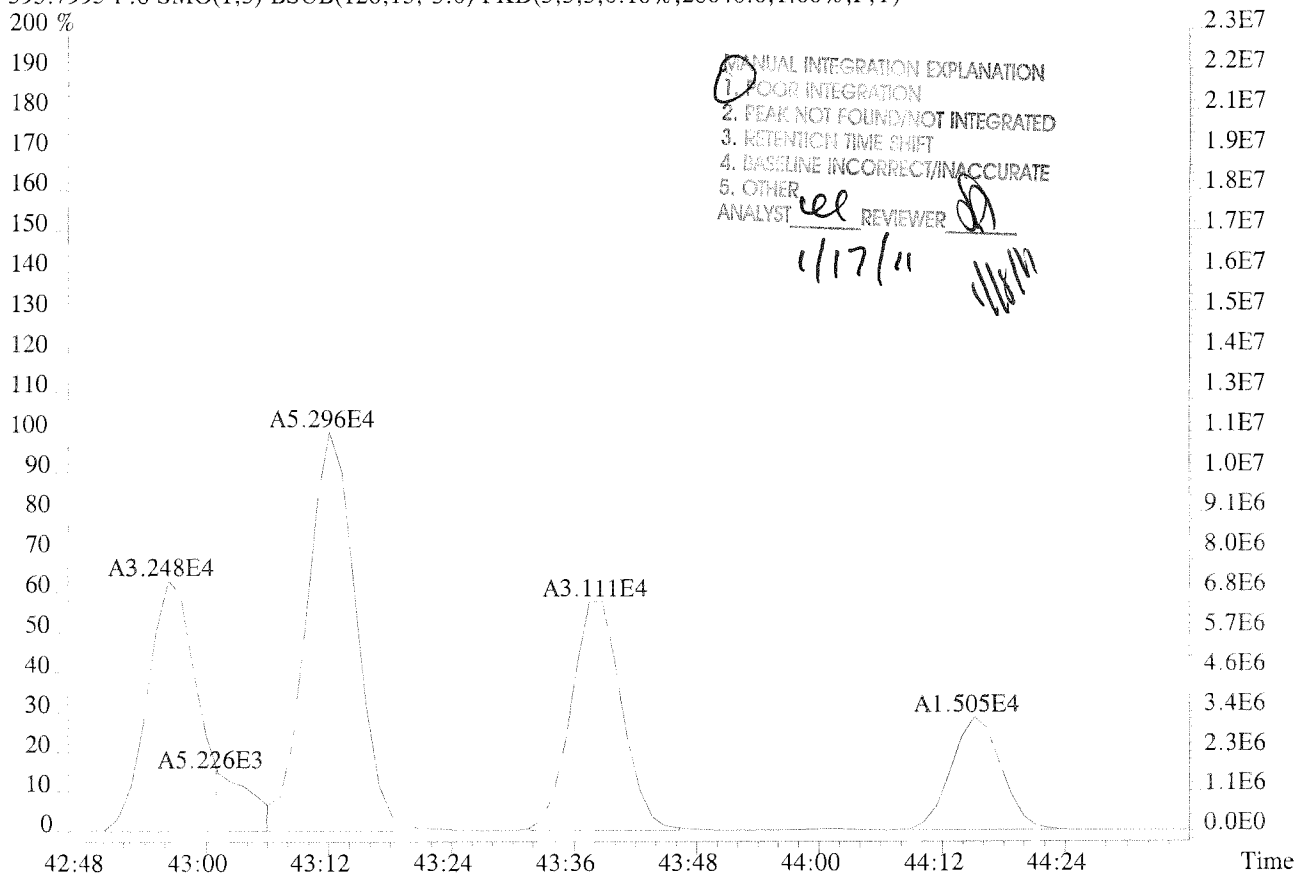
File:U224753 #1-577 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-004 USENN/S031
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14648.0,1.00%,F,T)



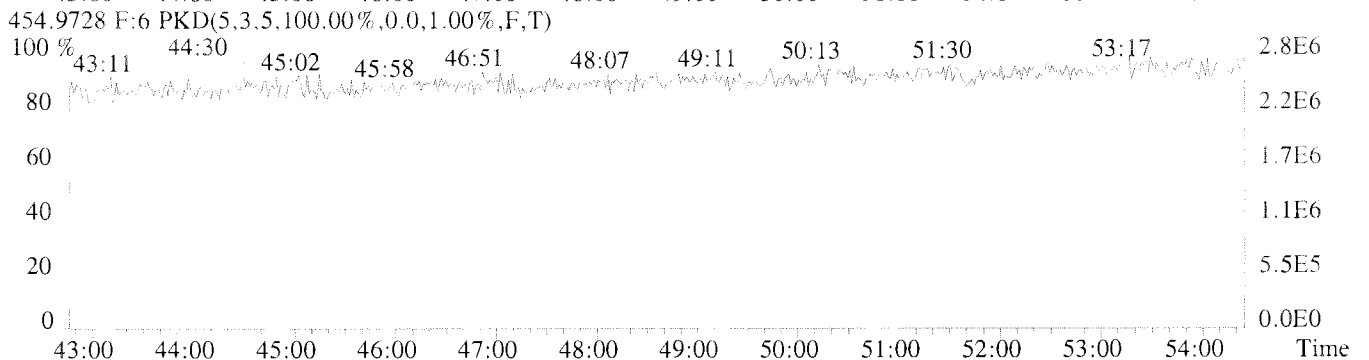
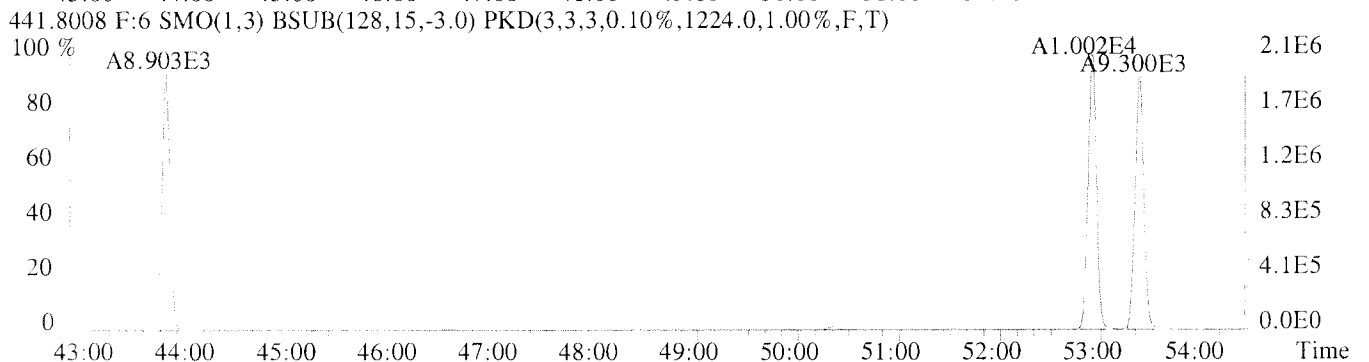
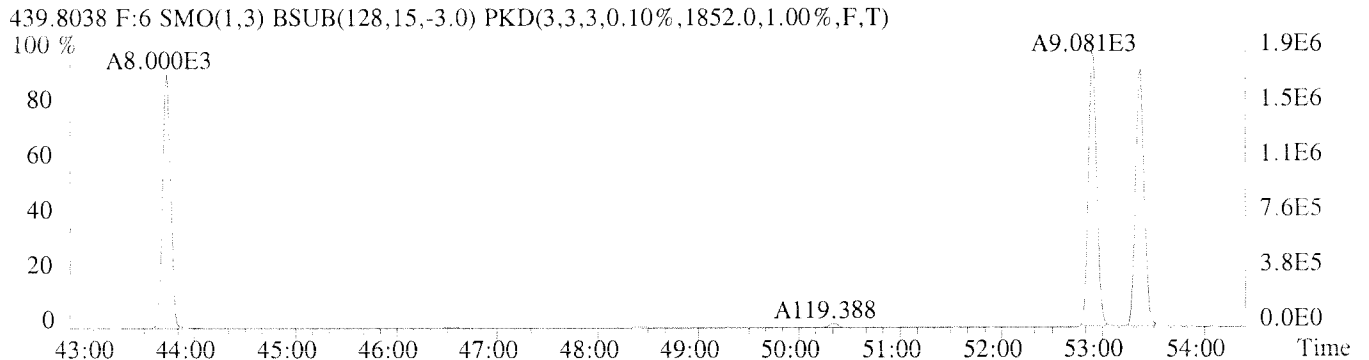
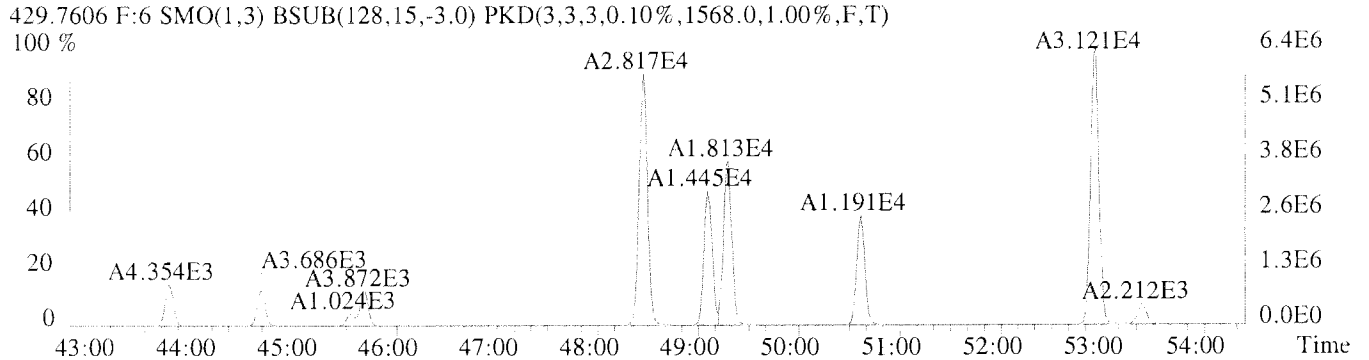
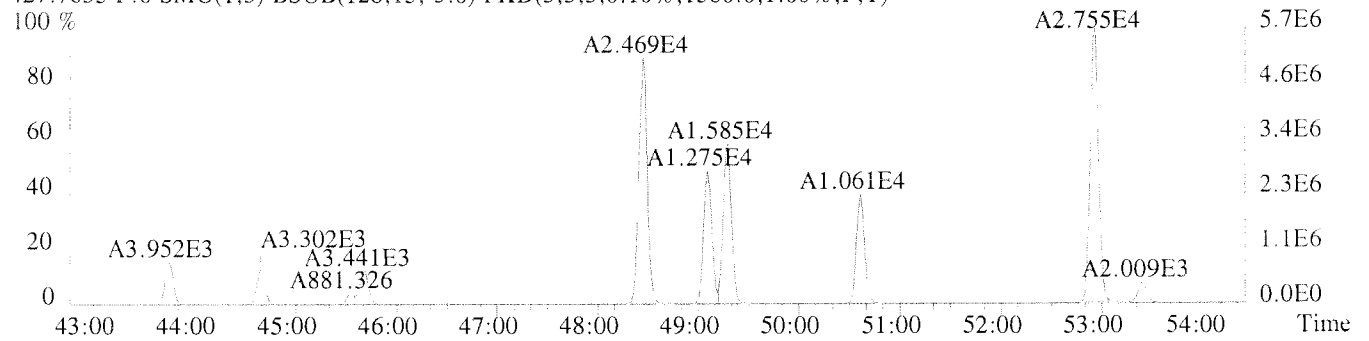
File:U224753 #1-577 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-004 USENN/S031
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14648.0,1.00%,F,T)
 200 %



395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,26040.0,1.00%,F,T)



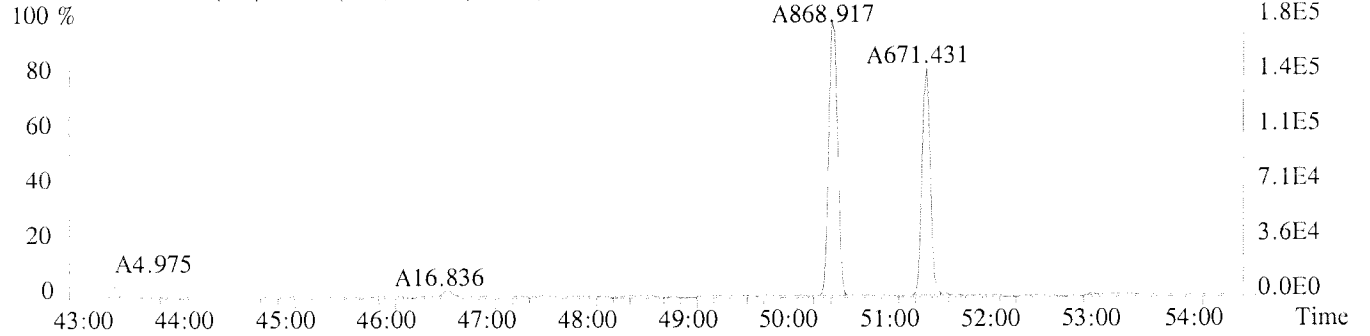
File:U224753 #1-577 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-004 USENN/S031
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1580.0,1.00%,F,T)



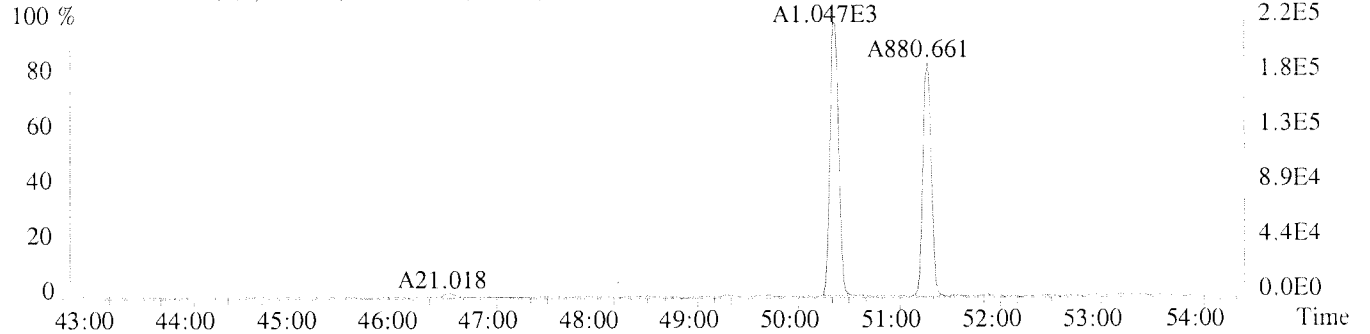
File:U224753 #1-577 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-004 USENN/S031

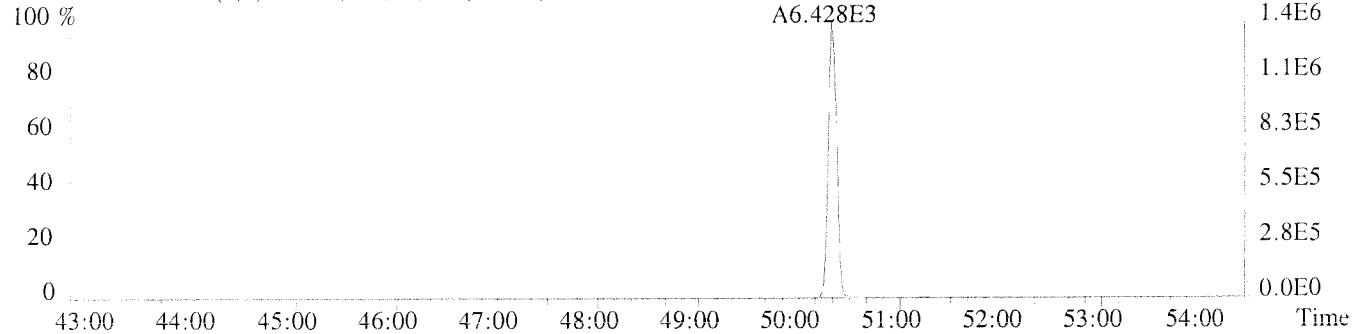
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1088.0,1.00%,F,T)



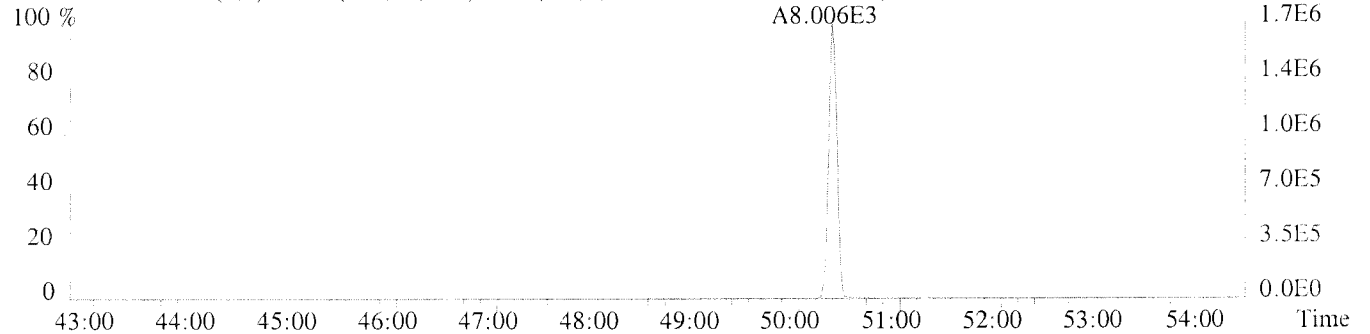
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1180.0,1.00%,F,T)



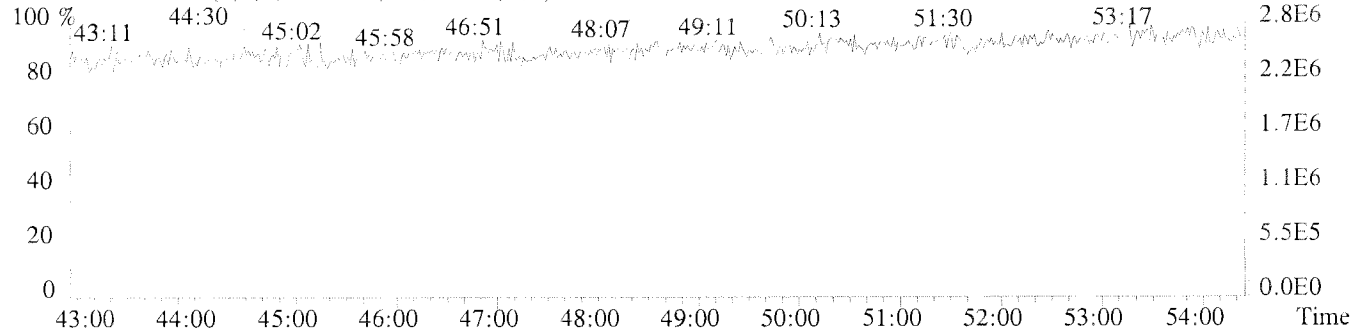
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1192.0,1.00%,F,T)



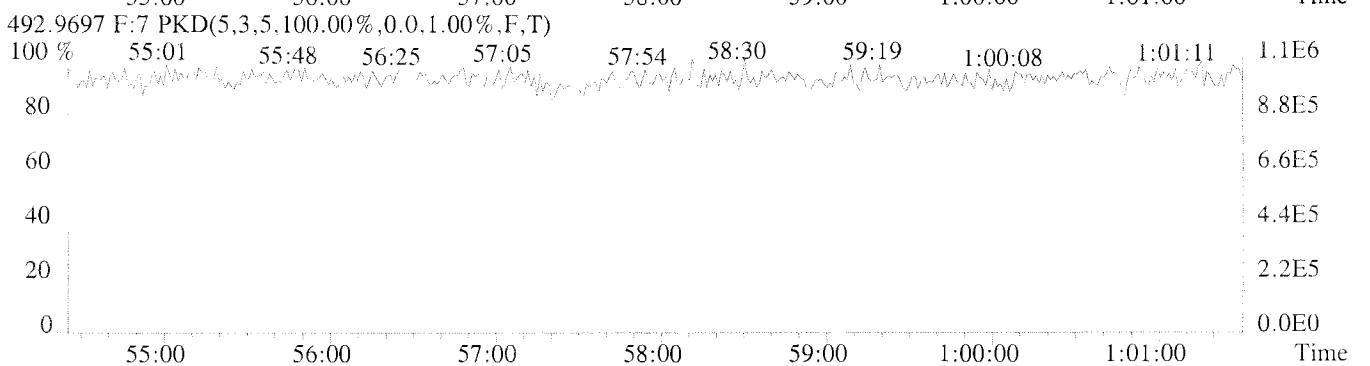
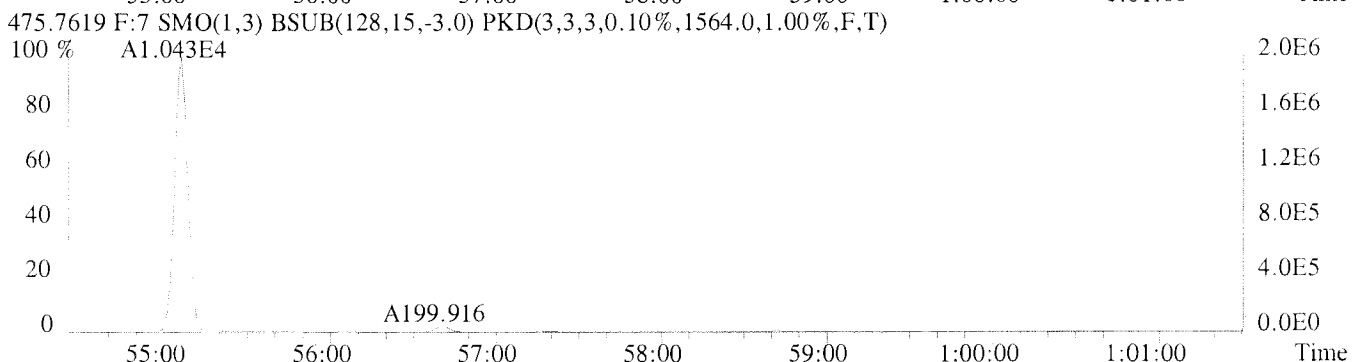
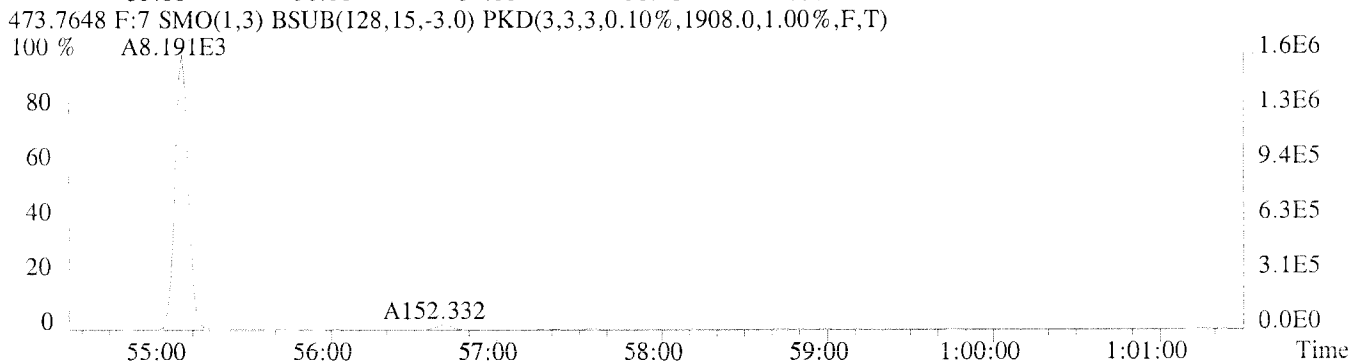
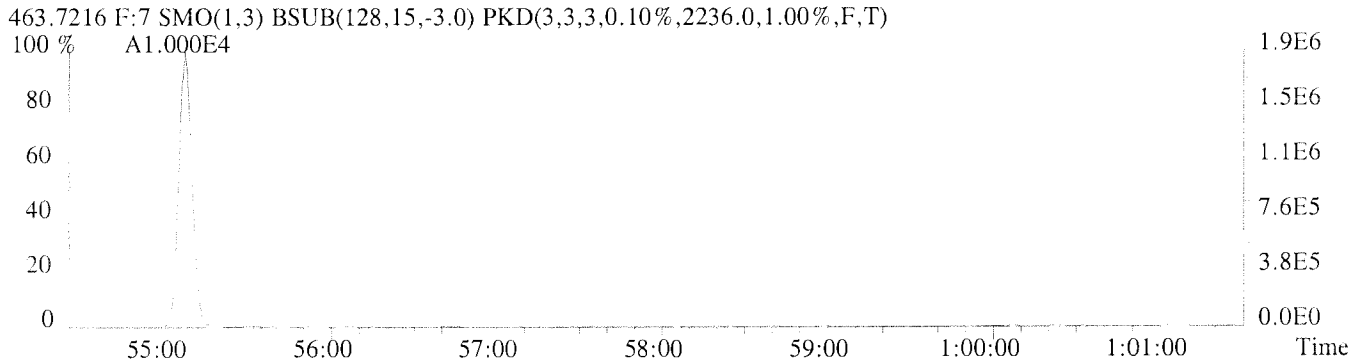
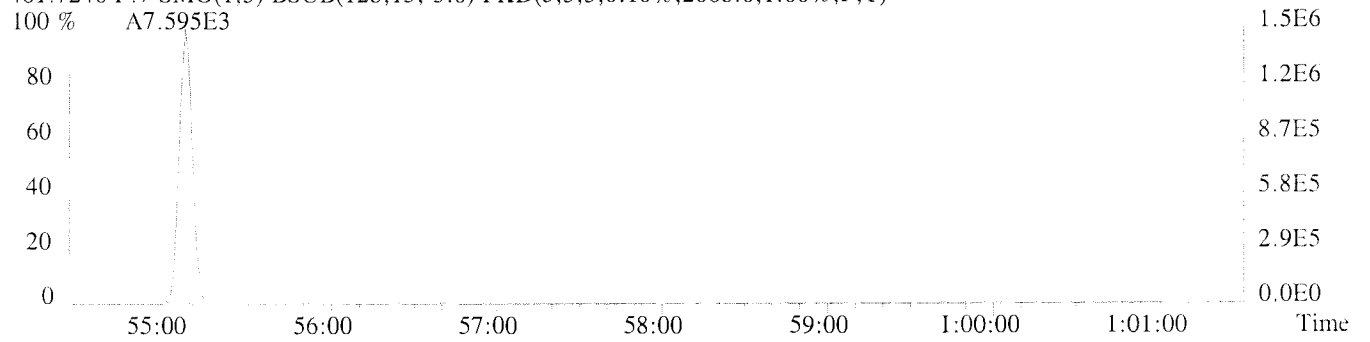
475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1108.0,1.00%,F,T)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



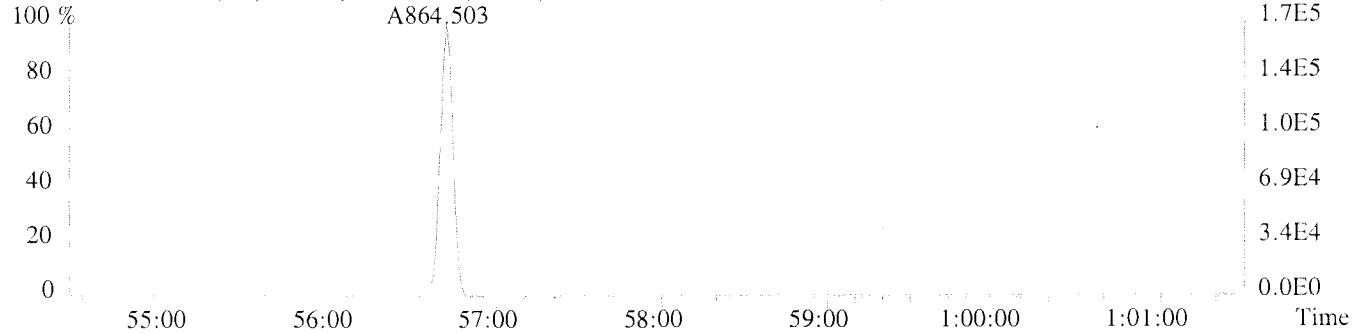
File:U224753 #1-400 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-004 USENN/S031
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2068.0,1.00%,F,T)
100 % A7.595E3



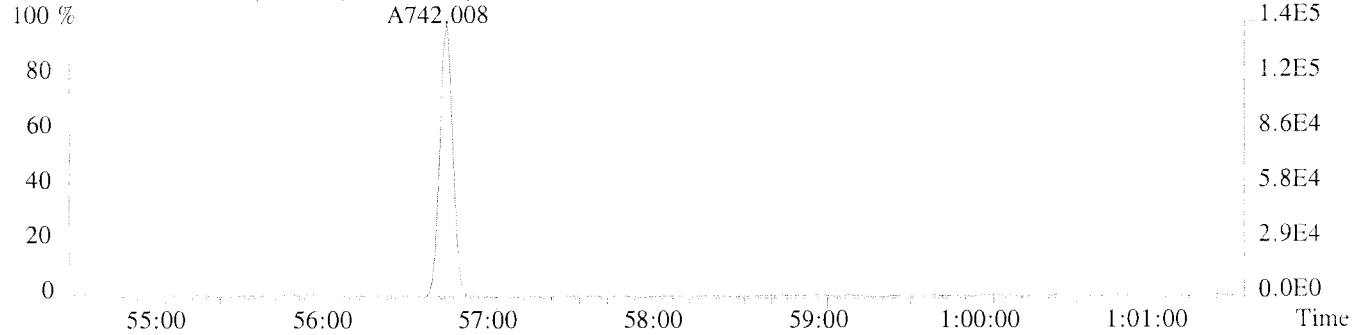
File:U224753 #1-400 Acq:15-JAN-2011 00:50:00 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-004 USENN/S031

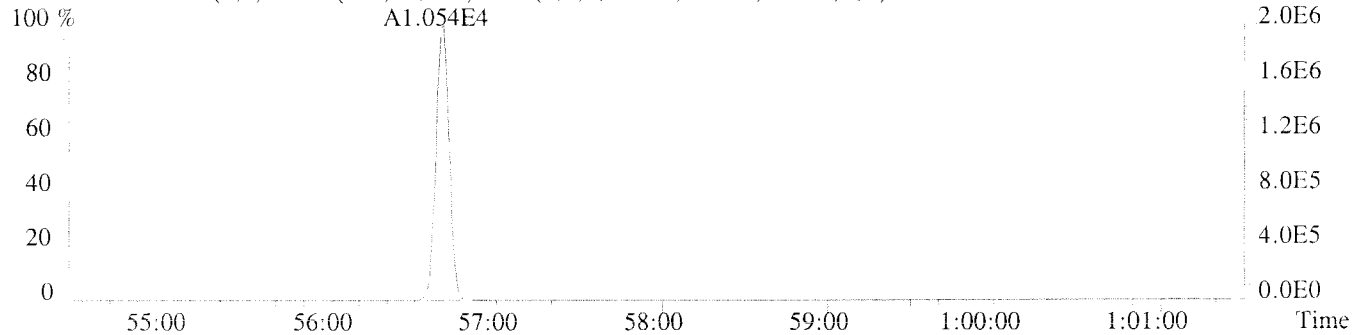
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1452.0,1.00%,F,T)



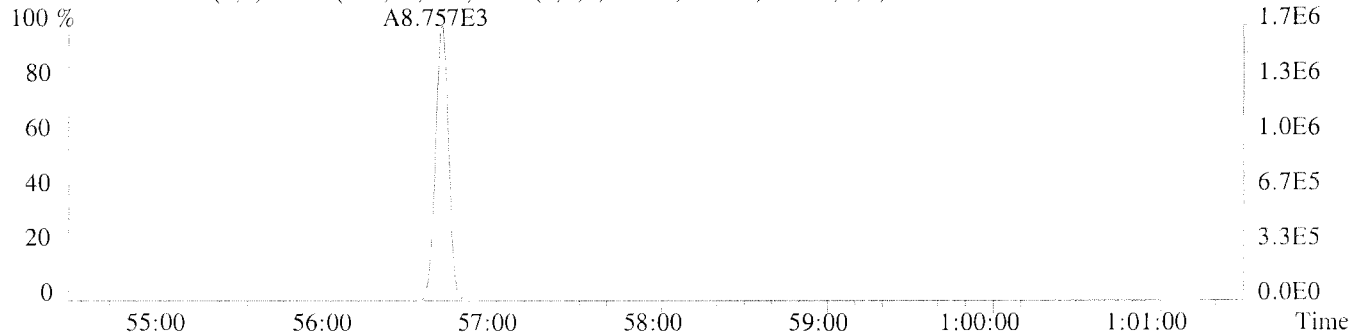
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,T)



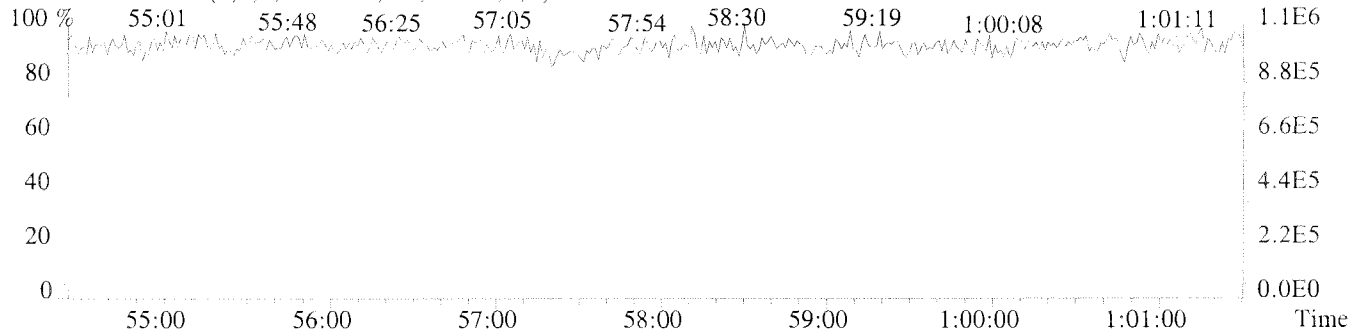
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1148.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1020.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-N/S-04-1

Run #14 Filename U224754 Samp: 1 Inj: 1 Acquired: 15-JAN-11 01:58:23
Processed: 17-JAN-11 15:52:22 Sample ID: K1013433-005

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	12:59	2.075e+04	6.513e+03	3.19	y	n	1.062
2	1	PCB-2	15:02	1.154e+04	3.425e+03	3.37	y	n	0.970
3	1	PCB-3	15:13	2.322e+04	7.489e+03	3.10	y	n	1.057
4	1	PCB-4	15:29	9.509e+03	6.260e+03	1.52	y	y	0.952
5	1	PCB-10	NotFnd	*	*	*	n	n	1.379
6	2	PCB-9	17:46	7.958e+03	5.160e+03	1.54	y	y	0.961
7	2	PCB-7	17:52	3.363e+03	2.248e+03	1.50	y	y	1.000
8	2	PCB-6	18:02	2.157e+04	1.339e+04	1.61	y	y	1.034
9	2	PCB-5	18:18	1.645e+03	1.086e+03	1.51	y	y	0.868
10	2	PCB-8	18:25	8.062e+04	5.049e+04	1.60	y	y	1.120
11	2	PCB-14	NotFnd	*	*	*	n	y	1.036
12	2	PCB-11	20:45	1.465e+04	8.774e+03	1.67	y	y	1.019
13	2	PCB-12/13	21:03	1.844e+04	1.215e+04	1.52	y	y	1.003
14	2	PCB-15	21:23	6.902e+04	4.298e+04	1.61	y	y	0.973
15	2	PCB-19	18:43	1.331e+03	1.279e+03	1.04	y	n	1.021
16	2	PCB-18/30	20:29	2.341e+04	2.256e+04	1.04	y	n	0.962
17	2	PCB-17	20:53	8.419e+03	8.024e+03	1.05	y	n	0.821
18	2	PCB-27	21:06	1.878e+03	1.859e+03	1.01	y	n	1.161
19	2	PCB-24	21:13	3.867e+02	4.923e+02	0.79	n	n	1.040
20	2	PCB-16	21:20	7.246e+03	6.937e+03	1.04	y	n	0.703
21	2	PCB-32	21:50	8.849e+03	8.503e+03	1.04	y	n	1.231
22	3	PCB-34	23:04	2.748e+02	2.262e+02	1.22	n	n	1.217
23	3	PCB-23	NotFnd	*	*	*	n	n	1.177
24	3	PCB-26/29	23:32	1.760e+04	1.650e+04	1.07	y	n	1.305
25	3	PCB-25	23:45	7.154e+03	6.771e+03	1.06	y	n	1.447
26	3	PCB-31	24:04	9.505e+04	9.091e+04	1.05	y	n	1.329
27	3	PCB-20/28	24:21	9.981e+04	9.455e+04	1.06	y	n	1.237
28	3	PCB-21/33	24:37	5.186e+04	4.951e+04	1.05	y	n	1.298
29	3	PCB-22	25:00	3.461e+04	3.342e+04	1.04	y	n	1.151
30	3	PCB-36	26:32	1.715e+02	1.584e+02	1.08	y	y	1.339
31	3	PCB-39	NotFnd	*	*	*	n	y	1.296
32	3	PCB-38	NotFnd	*	*	*	n	n	1.298
33	3	PCB-35	27:56	3.754e+03	3.516e+03	1.07	y	y	1.251
34	3	PCB-37	28:22	4.716e+04	4.542e+04	1.04	y	n	1.082
35	2	PCB-54	21:41	3.879e+01	3.999e+01	0.97	n	n	0.963
36	3	PCB-50/53	23:49	3.055e+03	3.831e+03	0.80	y	n	0.814
37	3	PCB-45/51	24:28	3.752e+03	4.717e+03	0.80	y	n	0.783
38	3	PCB-46	24:48	1.150e+03	1.447e+03	0.80	y	n	0.714
39	3	PCB-52	26:10	2.909e+04	3.755e+04	0.77	y	n	0.881
40	3	PCB-43/73	26:24	9.381e+02	1.271e+03	0.74	y	n	0.868
41	3	PCB-49/69	26:39	1.662e+04	2.089e+04	0.80	y	n	0.997
42	3	PCB-48	26:56	6.096e+03	7.685e+03	0.79	y	n	0.826
43	3	PCB-44/47/65	27:10	2.710e+04	3.449e+04	0.79	y	n	0.917
44	3	PCB-59/62/75	27:30	3.075e+03	3.984e+03	0.77	y	y	1.107
45	3	PCB-42	27:41	6.430e+03	8.310e+03	0.77	y	y	0.836
46	3	PCB-40/41/71	28:11	1.592e+04	2.020e+04	0.79	y	y	0.836
47	3	PCB-64	28:25	1.759e+04	2.239e+04	0.79	y	y	1.169
48	3	PCB-72	29:12	2.914e+02	7.001e+02	0.42	n	n	1.192
49	3	PCB-68	NotFnd	*	*	*	n	n	1.160
50	3	PCB-57	29:55	1.625e+02	1.827e+02	0.89	n	n	1.155

51	3	PCB-58	NotFnd	*	*	*	n	y	1.136
52	3	PCB-67	30:19	1.573e+03	2.096e+03	0.75	y	y	1.293
53	3	PCB-63	30:35	1.970e+03	2.542e+03	0.77	y	y	1.243
54	3	PCB-61/70/74/76	30:56	8.600e+04	1.097e+05	0.78	y	n	1.165
55	3	PCB-66	31:15	4.873e+04	6.231e+04	0.78	y	n	1.227
56	3	PCB-55	31:24	1.075e+03	1.062e+03	1.01	n	n	1.051
57	4	PCB-56	31:56	2.922e+04	3.559e+04	0.82	y	n	1.088
58	4	PCB-60	32:09	1.943e+04	2.424e+04	0.80	y	n	1.081
59	4	PCB-80	NotFnd	*	*	*	n	y	1.276
60	4	PCB-79	34:04	8.420e+02	1.699e+03	0.50	n	y	1.302
61	4	PCB-78	NotFnd	*	*	*	n	n	1.158
62	4	PCB-81	35:04	4.595e+02	6.848e+02	0.67	y	y	1.084
63	4	PCB-77	35:39	1.118e+04	1.359e+04	0.82	y	n	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:31	3.582e+02	2.506e+02	1.43	y	n	0.946
66	3	PCB-103	29:24	2.443e+02	1.493e+02	1.64	y	n	0.813
67	3	PCB-94	29:38	1.647e+02	1.045e+02	1.58	y	n	0.654
68	3	PCB-95	30:04	2.944e+04	1.872e+04	1.57	y	n	0.755
69	3	PCB-93/100	30:16	2.801e+02	1.851e+02	1.51	y	n	0.701
70	3	PCB-98/102	30:26	1.313e+03	7.864e+02	1.67	y	n	0.743
71	3	PCB-88/91	30:56	3.617e+03	2.301e+03	1.57	y	n	0.718
72	3	PCB-84	31:10	6.376e+03	4.082e+03	1.56	y	n	0.663
73	3	PCB-89	31:38	4.921e+02	3.359e+02	1.47	y	n	0.695
74	4	PCB-121	NotFnd	*	*	*	n	n	0.931
75	4	PCB-92	32:24	7.174e+03	4.824e+03	1.49	y	n	0.707
76	4	PCB-90/101/113	32:59	6.147e+04	3.965e+04	1.55	y	n	0.803
77	4	PCB-83/99	33:33	1.866e+04	1.181e+04	1.58	y	n	0.680
78	4	PCB-112	NotFnd	*	*	*	n	n	1.013
79	4	PCB-86/87/97/109/119/125	34:10	3.286e+04	2.164e+04	1.52	y	y	0.823
80	4	PCB-117	34:43	1.066e+03	7.278e+02	1.46	y	y	0.848
81	4	PCB-85/116	34:48	7.928e+03	5.054e+03	1.57	y	y	0.886
82	4	PCB-110/115	34:57	6.640e+04	4.279e+04	1.55	y	n	0.968
83	4	PCB-82	35:17	5.580e+03	3.323e+03	1.68	y	n	0.655
84	4	PCB-111	NotFnd	*	*	*	n	n	0.921
85	4	PCB-120	36:06	4.953e+02	3.569e+02	1.39	y	n	1.028
86	5	PCB-108/124	37:14	3.504e+03	2.443e+03	1.43	y	n	0.913
87	5	PCB-107	37:28	6.826e+03	4.331e+03	1.58	y	n	1.038
88	5	PCB-123	37:36	1.505e+03	8.155e+02	1.85	n	n	1.076
89	5	PCB-106	NotFnd	*	*	*	n	n	1.093
90	5	PCB-118	37:55	7.530e+04	4.795e+04	1.57	y	y	1.103
91	5	PCB-122	38:16	1.204e+03	4.597e+02	2.62	n	n	0.946
92	5	PCB-114	38:26	3.178e+03	2.644e+03	1.20	n	n	1.079
93	5	PCB-105	39:07	4.025e+04	2.628e+04	1.53	y	n	1.059
94	5	PCB-127	NotFnd	*	*	*	n	n	0.969
95	5	PCB-126	42:11	2.188e+03	1.388e+03	1.58	y	n	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	32:58	8.113e+01	6.910e+01	1.17	y	n	1.196
98	4	PCB-150	33:06	3.290e+02	2.290e+02	1.44	n	n	1.105
99	4	PCB-136	33:31	1.578e+04	1.257e+04	1.26	y	n	1.166
100	4	PCB-145	NotFnd	*	*	*	n	n	1.078
101	4	PCB-148	35:16	6.268e+01	5.226e+01	1.20	y	n	0.887
102	4	PCB-135/151	35:51	4.092e+04	3.251e+04	1.26	y	n	0.852
103	4	PCB-154	36:06	1.160e+03	7.881e+02	1.47	n	n	1.019
104	4	PCB-144	36:25	6.497e+03	5.208e+03	1.25	y	n	0.901
105	5	PCB-147/149	36:47	1.146e+05	9.110e+04	1.26	y	n	0.938
106	5	PCB-134	37:00	4.679e+03	3.880e+03	1.21	y	n	0.768
107	5	PCB-143	NotFnd	*	*	*	n	n	0.946

108	5	PCB-139/140	37:22	8.680e+02	6.930e+02	1.25	y	n	0.945
109	5	PCB-131	37:35	7.488e+02	5.995e+02	1.25	y	n	0.866
110	5	PCB-142	NotFnd	*	*	*	n	n	0.847
111	5	PCB-132	38:03	3.312e+04	2.615e+04	1.27	y	n	0.808
112	5	PCB-133	38:31	1.584e+03	1.360e+03	1.16	y	n	0.877
113	5	PCB-165	NotFnd	*	*	*	n	n	1.086
114	5	PCB-146	39:09	2.254e+04	1.780e+04	1.27	y	n	1.059
115	5	PCB-161	NotFnd	*	*	*	n	n	1.225
116	5	PCB-153/168	39:46	1.744e+05	1.384e+05	1.26	y	n	1.100
117	5	PCB-141	40:00	3.424e+04	2.727e+04	1.26	y	n	0.943
118	5	PCB-130	40:25	5.407e+03	4.296e+03	1.26	y	n	0.820
119	5	PCB-137	40:37	1.652e+03	1.360e+03	1.21	y	n	0.903
120	5	PCB-164	40:44	1.284e+04	1.017e+04	1.26	y	n	1.163
121	5	PCB-129/138/163	41:02	1.519e+05	1.208e+05	1.26	y	n	0.964
122	5	PCB-160	NotFnd	*	*	*	n	n	1.113
123	5	PCB-158	41:25	1.968e+04	1.552e+04	1.27	y	n	1.305
124	5	PCB-128/166	42:18	1.601e+04	1.282e+04	1.25	y	n	1.022
125	6	PCB-159	43:14	3.158e+03	2.504e+03	1.26	y	n	1.041
126	6	PCB-162	43:33	6.810e+02	5.471e+02	1.24	y	n	1.002
127	6	PCB-167	44:01	7.295e+03	5.784e+03	1.26	y	n	1.030
128	6	PCB-156/157	45:08	1.521e+04	1.221e+04	1.25	y	n	1.064
129	6	PCB-169	48:21	5.916e+02	3.551e+02	1.67	n	y	1.036
130	5	PCB-188	NotFnd	*	*	*	n	n	0.950
131	5	PCB-179	38:47	2.428e+04	2.342e+04	1.04	y	n	1.159
132	5	PCB-184	NotFnd	*	*	*	n	n	1.104
133	5	PCB-176	39:40	7.314e+03	7.136e+03	1.02	y	n	1.108
134	5	PCB-186	NotFnd	*	*	*	n	n	1.022
135	5	PCB-178	41:28	9.826e+03	9.273e+03	1.06	y	n	0.787
136	5	PCB-175	42:05	2.505e+03	2.303e+03	1.09	y	n	0.833
137	5	PCB-187	42:22	6.489e+04	6.210e+04	1.04	y	n	0.869
138	5	PCB-182	42:33	2.972e+02	2.932e+02	1.01	y	y	0.857
139	6	PCB-183	42:59	3.147e+04	3.133e+04	1.00	y	y	0.680
140	6	PCB-185	43:04	4.723e+03	4.736e+03	1.00	y	y	0.693
141	6	PCB-174	43:14	4.860e+04	4.800e+04	1.01	y	n	0.684
142	6	PCB-177	43:40	2.761e+04	2.726e+04	1.01	y	n	0.646
143	6	PCB-181	NotFnd	*	*	*	n	n	0.647
144	6	PCB-171/173	44:17	1.337e+04	1.342e+04	1.00	y	n	0.635
145	6	PCB-172	45:53	8.794e+03	8.531e+03	1.03	y	n	0.624
146	6	PCB-192	NotFnd	*	*	*	n	n	0.747
147	6	PCB-180/193	46:32	1.380e+05	1.361e+05	1.01	y	n	0.763
148	6	PCB-191	46:53	3.202e+03	3.070e+03	1.04	y	n	0.832
149	6	PCB-170	47:47	4.679e+04	4.697e+04	1.00	y	n	0.588
150	6	PCB-190	48:19	1.437e+04	1.433e+04	1.00	y	n	0.894
151	6	PCB-189	50:51	2.352e+03	2.289e+03	1.03	y	n	0.912
152	6	PCB-202	43:47	3.742e+03	4.268e+03	0.88	y	n	0.869
153	6	PCB-201	44:42	3.103e+03	3.506e+03	0.88	y	n	1.015
154	6	PCB-204	NotFnd	*	*	*	n	n	1.005
155	6	PCB-197	45:35	9.245e+02	1.035e+03	0.89	y	n	1.019
156	6	PCB-200	45:42	3.151e+03	3.528e+03	0.89	y	n	0.976
157	6	PCB-198/199	48:28	2.193e+04	2.450e+04	0.90	y	n	0.688
158	6	PCB-196	49:07	1.135e+04	1.255e+04	0.90	y	n	0.730
159	6	PCB-203	49:19	1.397e+04	1.570e+04	0.89	y	n	0.731
160	6	PCB-195	50:38	9.008e+03	1.014e+04	0.89	y	n	0.682
161	6	PCB-194	52:56	2.330e+04	2.617e+04	0.89	y	n	0.689
162	6	PCB-205	53:25	1.601e+03	1.791e+03	0.89	y	n	0.933
163	6	PCB-208	50:22	7.609e+02	1.004e+03	0.76	y	n	0.915
164	6	PCB-207	51:18	6.707e+02	8.242e+02	0.81	y	n	0.967

165	7	PCB-206	55:08	6.558e+03	8.734e+03	0.75	y	n	0.937
166	7	PCB-209	56:43	8.781e+02	7.400e+02	1.19	y	n	0.925
167	1	PCB-1L	12:59	1.917e+04	5.993e+03	3.20	y	n	1.162
168	1	PCB-3L	15:12	2.165e+04	7.027e+03	3.08	y	n	1.187
169	1	PCB-4L	15:28	8.622e+03	5.554e+03	1.55	y	n	0.907
170	2	PCB-15L	21:21	1.933e+04	1.220e+04	1.58	y	n	1.030
171	2	PCB-19L	18:42	6.185e+03	5.719e+03	1.08	y	n	0.615
172	3	PCB-37L	28:20	1.708e+04	1.613e+04	1.06	y	n	1.320
173	2	PCB-54L	21:41	6.657e+03	8.234e+03	0.81	y	n	1.261
174	4	PCB-81L	35:03	1.191e+04	1.504e+04	0.79	y	n	1.088
175	4	PCB-77L	35:38	1.235e+04	1.562e+04	0.79	y	n	1.091
176	3	PCB-104L	27:06	1.053e+04	6.440e+03	1.64	y	n	1.480
177	5	PCB-123L	37:34	1.566e+04	9.882e+03	1.58	y	n	1.214
178	5	PCB-118L	37:53	1.632e+04	1.037e+04	1.57	y	n	1.246
179	5	PCB-114L	38:25	1.624e+04	1.040e+04	1.56	y	n	1.236
180	5	PCB-105L	39:05	1.599e+04	1.014e+04	1.58	y	n	1.197
181	5	PCB-126L	42:10	1.790e+04	1.151e+04	1.55	y	n	1.105
182	4	PCB-155L	32:42	1.063e+04	8.383e+03	1.27	y	n	1.599
183	6	PCB-167L	43:59	1.161e+04	9.311e+03	1.25	y	n	1.051
184	6	PCB-156/157L	45:10	2.310e+04	1.860e+04	1.24	y	n	0.962
185	6	PCB-169L	48:21	1.165e+04	9.324e+03	1.25	y	n	0.886
186	5	PCB-188L	38:24	9.807e+03	9.276e+03	1.06	y	n	2.483
187	6	PCB-189L	50:50	9.538e+03	9.115e+03	1.05	y	n	1.503
188	6	PCB-202L	43:45	6.938e+03	7.656e+03	0.91	y	n	1.757
189	6	PCB-205L	53:23	7.765e+03	8.549e+03	0.91	y	n	1.317
190	6	PCB-208L	50:21	6.094e+03	7.391e+03	0.82	y	n	1.446
191	7	PCB-206L	55:07	7.717e+03	9.623e+03	0.80	y	n	1.176
192	7	PCB-209L	56:42	9.457e+03	7.935e+03	1.19	y	n	1.606
193	3	PCB-28L	24:21	1.809e+04	1.721e+04	1.05	y	n	1.538
194	4	PCB-111L	35:37	1.288e+04	8.173e+03	1.58	y	n	1.238
195	5	PCB-178L	41:27	7.099e+03	6.603e+03	1.08	y	n	1.355
196	2	PCB-9L	17:46	2.665e+04	1.694e+04	1.57	y	n	-
197	3	PCB-52L	26:09	1.146e+04	1.422e+04	0.81	y	n	-
198	4	PCB-101L	32:58	1.535e+04	9.671e+03	1.59	y	n	-
199	5	PCB-138L	41:00	1.609e+04	1.263e+04	1.27	y	n	-
200	6	PCB-194L	52:55	8.538e+03	9.341e+03	0.91	y	n	-

-- Sample Calculation--

$$\text{PCB-209} = \frac{(8.781e+02 + 7.400e+02) \times (100.0 \times 100.0) \text{ pg} \times 1}{(9.457e+03 + 7.935e+03) \times (5.056 \text{ g}) \times (100 -) / 100 \times 0.9245} = 199 \text{ ng} / \text{kg}$$

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sp166respa
 02/2009

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio SummaryCLIENT ID.
USEN-N/S-04-1

Run #14 Filename U224754#1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 01:58:23

Processed: 17-JAN-11 15:52:22 LAB. ID: K1013433-005

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	3.89e+06	1.86e+03	2.1e+03	1.23e+06	1.46e+03	8.4e+02
2	PCB-2	1.81e+06	1.86e+03	9.7e+02	5.56e+05	1.46e+03	3.8e+02
3	PCB-3	2.44e+06	1.86e+03	1.3e+03	7.64e+05	1.46e+03	5.2e+02
4	PCB-4	7.21e+05	8.54e+03	8.4e+01	4.89e+05	1.07e+05	4.6e+00
5	PCB-10	*	8.54e+03	*	*	1.07e+05	*
6	PCB-9	2.57e+06	3.63e+03	7.1e+02	1.64e+06	1.38e+04	1.2e+02
7	PCB-7	1.00e+06	3.63e+03	2.8e+02	6.58e+05	1.38e+04	4.8e+01
8	PCB-6	6.44e+06	3.63e+03	1.8e+03	3.93e+06	1.38e+04	2.9e+02
9	PCB-5	5.57e+05	3.63e+03	1.5e+02	3.57e+05	1.38e+04	2.6e+01
10	PCB-8	1.87e+07	3.63e+03	5.1e+03	1.16e+07	1.38e+04	8.5e+02
11	PCB-14	*	3.63e+03	*	*	1.38e+04	*
12	PCB-11	3.24e+06	3.63e+03	8.9e+02	2.01e+06	1.38e+04	1.5e+02
13	PCB-12/13	3.82e+06	3.63e+03	1.1e+03	2.44e+06	1.38e+04	1.8e+02
14	PCB-15	1.55e+07	3.63e+03	4.3e+03	9.58e+06	1.38e+04	7.0e+02
15	PCB-19	3.24e+05	1.53e+03	2.1e+02	3.04e+05	1.37e+03	2.2e+02
16	PCB-18/30	5.75e+06	1.53e+03	3.8e+03	5.48e+06	1.37e+03	4.0e+03
17	PCB-17	1.95e+06	1.53e+03	1.3e+03	1.86e+06	1.37e+03	1.4e+03
18	PCB-27	4.29e+05	1.53e+03	2.8e+02	4.25e+05	1.37e+03	3.1e+02
19	PCB-24	1.19e+05	1.53e+03	7.7e+01	1.21e+05	1.37e+03	8.8e+01
20	PCB-16	1.70e+06	1.53e+03	1.1e+03	1.66e+06	1.37e+03	1.2e+03
21	PCB-32	2.06e+06	1.53e+03	1.3e+03	1.96e+06	1.37e+03	1.4e+03
22	PCB-34	6.48e+04	2.06e+03	3.1e+01	5.59e+04	2.90e+03	1.9e+01
23	PCB-23	*	2.06e+03	*	*	2.90e+03	*
24	PCB-26/29	3.42e+06	2.06e+03	1.7e+03	3.24e+06	2.90e+03	1.1e+03
25	PCB-25	1.36e+06	2.06e+03	6.6e+02	1.28e+06	2.90e+03	4.4e+02
26	PCB-31	1.88e+07	2.06e+03	9.1e+03	1.79e+07	2.90e+03	6.2e+03
27	PCB-20/28	1.91e+07	2.06e+03	9.3e+03	1.82e+07	2.90e+03	6.3e+03
28	PCB-21/33	9.88e+06	2.06e+03	4.8e+03	9.52e+06	2.90e+03	3.3e+03
29	PCB-22	6.78e+06	2.06e+03	3.3e+03	6.52e+06	2.90e+03	2.3e+03
30	PCB-36	3.91e+04	2.06e+03	1.9e+01	3.48e+04	2.90e+03	1.2e+01
31	PCB-39	*	2.06e+03	*	*	2.90e+03	*
32	PCB-38	*	2.06e+03	*	*	2.90e+03	*
33	PCB-35	7.27e+05	2.06e+03	3.5e+02	6.83e+05	2.90e+03	2.4e+02
34	PCB-37	8.32e+06	2.06e+03	4.0e+03	7.92e+06	2.90e+03	2.7e+03
35	PCB-54	1.02e+04	1.52e+03	6.7e+00	9.21e+03	1.34e+03	6.9e+00
36	PCB-50/53	6.39e+05	7.68e+02	8.3e+02	7.90e+05	1.26e+03	6.3e+02
37	PCB-45/51	5.84e+05	7.68e+02	7.6e+02	7.49e+05	1.26e+03	6.0e+02
38	PCB-46	2.36e+05	7.68e+02	3.1e+02	2.97e+05	1.26e+03	2.4e+02
39	PCB-52	5.68e+06	7.68e+02	7.4e+03	7.39e+06	1.26e+03	5.9e+03
40	PCB-43/73	1.79e+05	7.68e+02	2.3e+02	2.23e+05	1.26e+03	1.8e+02
41	PCB-49/69	3.22e+06	7.68e+02	4.2e+03	4.08e+06	1.26e+03	3.2e+03
42	PCB-48	1.19e+06	7.68e+02	1.5e+03	1.54e+06	1.26e+03	1.2e+03
43	PCB-44/47/65	4.88e+06	7.68e+02	6.4e+03	6.23e+06	1.26e+03	5.0e+03
44	PCB-59/62/75	5.77e+05	7.68e+02	7.5e+02	7.40e+05	1.26e+03	5.9e+02
45	PCB-42	1.23e+06	7.68e+02	1.6e+03	1.60e+06	1.26e+03	1.3e+03
46	PCB-40/41/71	2.52e+06	7.68e+02	3.3e+03	3.21e+06	1.26e+03	2.6e+03
47	PCB-64	3.30e+06	7.68e+02	4.3e+03	4.19e+06	1.26e+03	3.3e+03

48	PCB-72	6.25e+04	7.68e+02	8.1e+01	1.05e+05	1.26e+03	8.4e+01
49	PCB-68	*	7.68e+02	*	*	1.26e+03	*
50	PCB-57	3.98e+04	7.68e+02	5.2e+01	4.43e+04	1.26e+03	3.5e+01
51	PCB-58	*	7.68e+02	*	*	1.26e+03	*
52	PCB-67	2.92e+05	7.68e+02	3.8e+02	4.00e+05	1.26e+03	3.2e+02
53	PCB-63	3.90e+05	7.68e+02	5.1e+02	4.77e+05	1.26e+03	3.8e+02
54	PCB-61/70/74/76	1.15e+07	7.68e+02	1.5e+04	1.47e+07	1.26e+03	1.2e+04
55	PCB-66	8.88e+06	7.68e+02	1.2e+04	1.12e+07	1.26e+03	8.9e+03
56	PCB-55	2.02e+05	7.68e+02	2.6e+02	2.60e+05	1.26e+03	2.1e+02
57	PCB-56	5.28e+06	1.80e+04	2.9e+02	6.42e+06	5.96e+03	1.1e+03
58	PCB-60	3.41e+06	1.80e+04	1.9e+02	4.24e+06	5.96e+03	7.1e+02
59	PCB-80	*	1.80e+04	*	*	5.96e+03	*
60	PCB-79	1.62e+05	1.80e+04	9.0e+00	2.52e+05	5.96e+03	4.2e+01
61	PCB-78	*	1.80e+04	*	*	5.96e+03	*
62	PCB-81	8.51e+04	1.80e+04	4.7e+00	1.22e+05	5.96e+03	2.1e+01
63	PCB-77	1.94e+06	1.80e+04	1.1e+02	2.35e+06	5.96e+03	3.9e+02
64	PCB-104	*	1.12e+03	*	*	1.12e+03	*
65	PCB-96	6.70e+04	1.12e+03	6.0e+01	4.45e+04	1.12e+03	4.0e+01
66	PCB-103	4.84e+04	1.12e+03	4.3e+01	3.10e+04	1.12e+03	2.8e+01
67	PCB-94	3.25e+04	1.12e+03	2.9e+01	2.04e+04	1.12e+03	1.8e+01
68	PCB-95	5.48e+06	1.12e+03	4.9e+03	3.46e+06	1.12e+03	3.1e+03
69	PCB-93/100	5.32e+04	1.12e+03	4.7e+01	3.15e+04	1.12e+03	2.8e+01
70	PCB-98/102	2.21e+05	1.12e+03	2.0e+02	1.36e+05	1.12e+03	1.2e+02
71	PCB-88/91	6.78e+05	1.12e+03	6.0e+02	4.36e+05	1.12e+03	3.9e+02
72	PCB-84	1.18e+06	1.12e+03	1.1e+03	7.64e+05	1.12e+03	6.8e+02
73	PCB-89	9.55e+04	1.12e+03	8.5e+01	6.29e+04	1.12e+03	5.6e+01
74	PCB-121	*	3.76e+03	*	*	2.06e+03	*
75	PCB-92	1.34e+06	3.76e+03	3.6e+02	8.81e+05	2.06e+03	4.3e+02
76	PCB-90/101/113	1.13e+07	3.76e+03	3.0e+03	7.30e+06	2.06e+03	3.5e+03
77	PCB-83/99	3.11e+06	3.76e+03	8.3e+02	1.96e+06	2.06e+03	9.5e+02
78	PCB-112	*	3.76e+03	*	*	2.06e+03	*
79	CB-86/87/97/109/119/125	3.45e+06	3.76e+03	9.2e+02	2.20e+06	2.06e+03	1.1e+03
80	PCB-117	2.73e+05	3.76e+03	7.3e+01	1.84e+05	2.06e+03	8.9e+01
81	PCB-85/116	1.49e+06	3.76e+03	4.0e+02	9.43e+05	2.06e+03	4.6e+02
82	PCB-110/115	1.16e+07	3.76e+03	3.1e+03	7.48e+06	2.06e+03	3.6e+03
83	PCB-82	9.43e+05	3.76e+03	2.5e+02	5.59e+05	2.06e+03	2.7e+02
84	PCB-111	*	3.76e+03	*	*	2.06e+03	*
85	PCB-120	9.77e+04	3.76e+03	2.6e+01	5.43e+04	2.06e+03	2.6e+01
86	PCB-108/124	6.55e+05	3.16e+04	2.1e+01	4.35e+05	3.54e+04	1.2e+01
87	PCB-107	1.17e+06	3.16e+04	3.7e+01	7.46e+05	3.54e+04	2.1e+01
88	PCB-123	3.23e+05	3.16e+04	1.0e+01	1.96e+05	3.54e+04	5.6e+00
89	PCB-106	*	3.16e+04	*	*	3.54e+04	*
90	PCB-118	1.33e+07	3.16e+04	4.2e+02	8.47e+06	3.54e+04	2.4e+02
91	PCB-122	2.15e+05	3.16e+04	6.8e+00	1.01e+05	3.54e+04	2.9e+00
92	PCB-114	4.29e+05	3.16e+04	1.4e+01	2.71e+05	3.54e+04	7.7e+00
93	PCB-105	6.89e+06	3.16e+04	2.2e+02	4.47e+06	3.54e+04	1.3e+02
94	PCB-127	*	3.16e+04	*	*	3.54e+04	*
95	PCB-126	3.66e+05	3.16e+04	1.2e+01	2.39e+05	3.54e+04	6.7e+00
96	PCB-155	*	2.57e+03	*	*	2.54e+03	*
97	PCB-152	1.69e+04	2.57e+03	6.6e+00	1.32e+04	2.54e+03	5.2e+00
98	PCB-150	5.92e+04	2.57e+03	2.3e+01	4.03e+04	2.54e+03	1.6e+01
99	PCB-136	3.06e+06	2.57e+03	1.2e+03	2.41e+06	2.54e+03	9.5e+02
100	PCB-145	*	2.57e+03	*	*	2.54e+03	*
101	PCB-148	1.37e+04	2.57e+03	5.3e+00	1.22e+04	2.54e+03	4.8e+00
102	PCB-135/151	5.62e+06	2.57e+03	2.2e+03	4.48e+06	2.54e+03	1.8e+03
103	PCB-154	2.01e+05	2.57e+03	7.8e+01	1.49e+05	2.54e+03	5.9e+01
104	PCB-144	1.21e+06	2.57e+03	4.7e+02	9.53e+05	2.54e+03	3.7e+02

105	PCB-147/149	2.05e+07	8.49e+03	2.4e+03	1.64e+07	7.46e+03	2.2e+03
106	PCB-134	7.94e+05	8.49e+03	9.4e+01	6.30e+05	7.46e+03	8.4e+01
107	PCB-143	*	8.49e+03	*	*	7.46e+03	*
108	PCB-139/140	1.53e+05	8.49e+03	1.8e+01	1.26e+05	7.46e+03	1.7e+01
109	PCB-131	1.44e+05	8.49e+03	1.7e+01	1.15e+05	7.46e+03	1.5e+01
110	PCB-142	*	8.49e+03	*	*	7.46e+03	*
111	PCB-132	5.95e+06	8.49e+03	7.0e+02	4.68e+06	7.46e+03	6.3e+02
112	PCB-133	2.89e+05	8.49e+03	3.4e+01	2.40e+05	7.46e+03	3.2e+01
113	PCB-165	*	8.49e+03	*	*	7.46e+03	*
114	PCB-146	4.05e+06	8.49e+03	4.8e+02	3.21e+06	7.46e+03	4.3e+02
115	PCB-161	*	8.49e+03	*	*	7.46e+03	*
116	PCB-153/168	3.13e+07	8.49e+03	3.7e+03	2.49e+07	7.46e+03	3.3e+03
117	PCB-141	5.84e+06	8.49e+03	6.9e+02	4.64e+06	7.46e+03	6.2e+02
118	PCB-130	9.72e+05	8.49e+03	1.1e+02	7.82e+05	7.46e+03	1.0e+02
119	PCB-137	3.65e+05	8.49e+03	4.3e+01	3.09e+05	7.46e+03	4.1e+01
120	PCB-164	2.37e+06	8.49e+03	2.8e+02	1.84e+06	7.46e+03	2.5e+02
121	PCB-129/138/163	2.62e+07	8.49e+03	3.1e+03	2.08e+07	7.46e+03	2.8e+03
122	PCB-160	*	8.49e+03	*	*	7.46e+03	*
123	PCB-158	3.46e+06	8.49e+03	4.1e+02	2.71e+06	7.46e+03	3.6e+02
124	PCB-128/166	2.24e+06	8.49e+03	2.6e+02	1.78e+06	7.46e+03	2.4e+02
125	PCB-159	6.99e+05	3.01e+03	2.3e+02	5.49e+05	7.80e+03	7.0e+01
126	PCB-162	1.72e+05	3.01e+03	5.7e+01	1.26e+05	7.80e+03	1.6e+01
127	PCB-167	1.62e+06	3.01e+03	5.4e+02	1.28e+06	7.80e+03	1.6e+02
128	PCB-156/157	3.05e+06	3.01e+03	1.0e+03	2.49e+06	7.80e+03	3.2e+02
129	PCB-169	1.02e+05	3.01e+03	3.4e+01	6.29e+04	7.80e+03	8.1e+00
130	PCB-188	*	1.01e+03	*	*	6.44e+02	*
131	PCB-179	4.45e+06	1.01e+03	4.4e+03	4.28e+06	6.44e+02	6.6e+03
132	PCB-184	*	1.01e+03	*	*	6.44e+02	*
133	PCB-176	1.33e+06	1.01e+03	1.3e+03	1.32e+06	6.44e+02	2.0e+03
134	PCB-186	*	1.01e+03	*	*	6.44e+02	*
135	PCB-178	1.78e+06	1.01e+03	1.8e+03	1.69e+06	6.44e+02	2.6e+03
136	PCB-175	4.47e+05	1.01e+03	4.4e+02	4.24e+05	6.44e+02	6.6e+02
137	PCB-187	1.18e+07	1.01e+03	1.2e+04	1.12e+07	6.44e+02	1.7e+04
138	PCB-182	5.48e+04	1.01e+03	5.4e+01	5.04e+04	6.44e+02	7.8e+01
139	PCB-183	6.88e+06	8.16e+03	8.4e+02	6.86e+06	5.48e+03	1.3e+03
140	PCB-185	1.46e+06	8.16e+03	1.8e+02	1.39e+06	5.48e+03	2.5e+02
141	PCB-174	1.05e+07	8.16e+03	1.3e+03	1.03e+07	5.48e+03	1.9e+03
142	PCB-177	6.02e+06	8.16e+03	7.4e+02	5.98e+06	5.48e+03	1.1e+03
143	PCB-181	*	8.16e+03	*	*	5.48e+03	*
144	PCB-171/173	2.94e+06	8.16e+03	3.6e+02	2.92e+06	5.48e+03	5.3e+02
145	PCB-172	1.95e+06	8.16e+03	2.4e+02	1.86e+06	5.48e+03	3.4e+02
146	PCB-192	*	8.16e+03	*	*	5.48e+03	*
147	PCB-180/193	2.94e+07	8.16e+03	3.6e+03	2.90e+07	5.48e+03	5.3e+03
148	PCB-191	6.76e+05	8.16e+03	8.3e+01	6.69e+05	5.48e+03	1.2e+02
149	PCB-170	1.02e+07	8.16e+03	1.2e+03	1.03e+07	5.48e+03	1.9e+03
150	PCB-190	3.09e+06	8.16e+03	3.8e+02	3.09e+06	5.48e+03	5.6e+02
151	PCB-189	4.94e+05	8.16e+03	6.1e+01	4.82e+05	5.48e+03	8.8e+01
152	PCB-202	8.21e+05	1.10e+03	7.5e+02	9.29e+05	1.40e+03	6.6e+02
153	PCB-201	6.75e+05	1.10e+03	6.1e+02	7.60e+05	1.40e+03	5.4e+02
154	PCB-204	*	1.10e+03	*	*	1.40e+03	*
155	PCB-197	2.06e+05	1.10e+03	1.9e+02	2.36e+05	1.40e+03	1.7e+02
156	PCB-200	6.76e+05	1.10e+03	6.1e+02	7.52e+05	1.40e+03	5.4e+02
157	PCB-198/199	4.51e+06	1.10e+03	4.1e+03	5.02e+06	1.40e+03	3.6e+03
158	PCB-196	2.46e+06	1.10e+03	2.2e+03	2.71e+06	1.40e+03	1.9e+03
159	PCB-203	2.93e+06	1.10e+03	2.7e+03	3.29e+06	1.40e+03	2.3e+03
160	PCB-195	1.92e+06	1.10e+03	1.7e+03	2.17e+06	1.40e+03	1.5e+03
161	PCB-194	4.86e+06	1.10e+03	4.4e+03	5.54e+06	1.40e+03	3.9e+03
162	PCB-205	3.37e+05	1.10e+03	3.1e+02	3.73e+05	1.40e+03	2.7e+02

Run #14

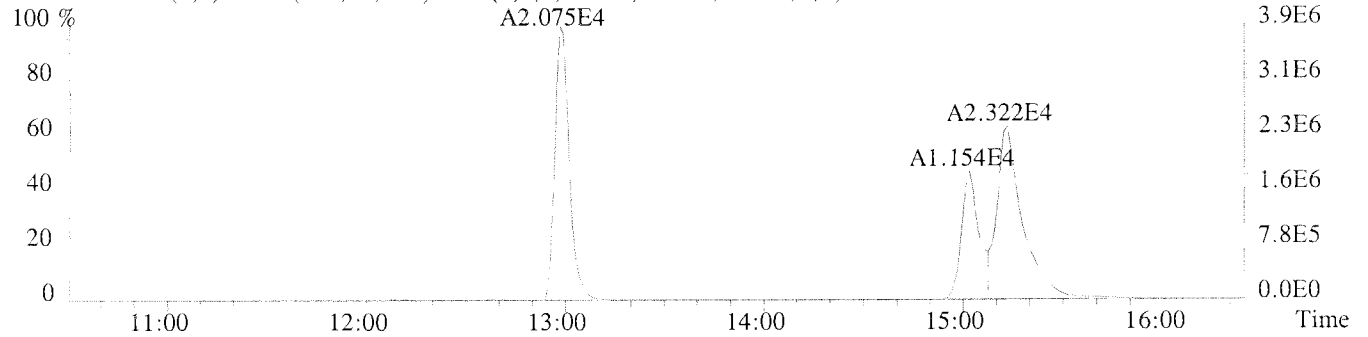
Filename U224754#1 Samp: 1

Acquired: 15-JAN-11 01:58:23

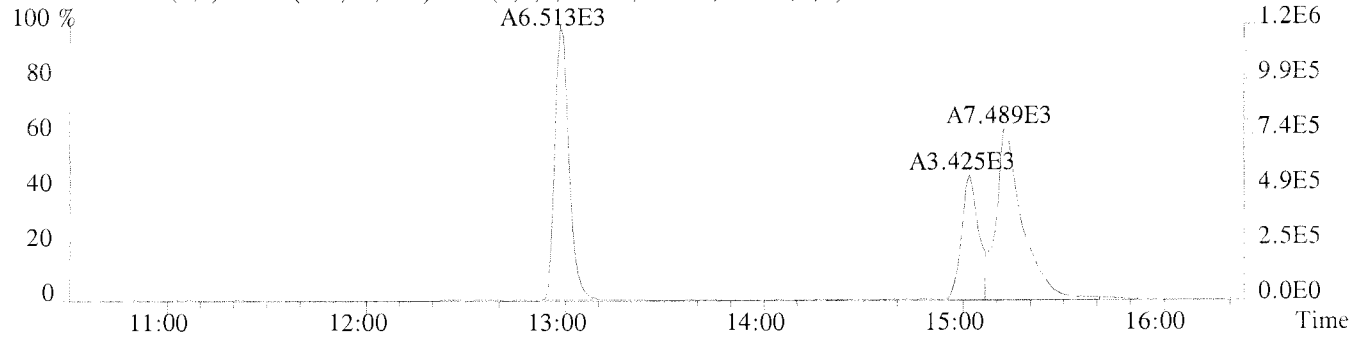
163	PCB-208	1.59e+05	1.34e+03	1.2e+02	2.14e+05	1.01e+03	2.1e+02
164	PCB-207	1.46e+05	1.34e+03	1.1e+02	1.74e+05	1.01e+03	1.7e+02
165	PCB-206	1.25e+06	1.21e+03	1.0e+03	1.70e+06	1.54e+03	1.1e+03
166	PCB-209	1.71e+05	1.35e+03	1.3e+02	1.39e+05	9.64e+02	1.4e+02
167	PCB-11L	3.61e+06	1.58e+03	2.3e+03	1.14e+06	2.00e+04	5.7e+01
168	PCB-3L	2.44e+06	1.58e+03	1.5e+03	7.69e+05	2.00e+04	3.9e+01
169	PCB-4L	7.02e+05	3.24e+03	2.2e+02	4.49e+05	2.32e+03	1.9e+02
170	PCB-15L	4.37e+06	5.36e+03	8.2e+02	2.77e+06	3.64e+03	7.6e+02
171	PCB-19L	1.53e+06	6.63e+04	2.3e+01	1.43e+06	9.99e+04	1.4e+01
172	PCB-37L	3.10e+06	1.40e+04	2.2e+02	2.92e+06	1.28e+04	2.3e+02
173	PCB-54L	1.54e+06	4.31e+03	3.6e+02	1.90e+06	1.76e+03	1.1e+03
174	PCB-81L	2.06e+06	2.70e+03	7.6e+02	2.61e+06	1.16e+03	2.3e+03
175	PCB-77L	2.11e+06	2.70e+03	7.8e+02	2.64e+06	1.16e+03	2.3e+03
176	PCB-104L	2.07e+06	1.54e+03	1.3e+03	1.25e+06	1.17e+03	1.1e+03
177	PCB-123L	2.77e+06	4.78e+03	5.8e+02	1.78e+06	3.93e+03	4.5e+02
178	PCB-118L	2.94e+06	4.78e+03	6.2e+02	1.87e+06	3.93e+03	4.7e+02
179	PCB-114L	2.86e+06	4.78e+03	6.0e+02	1.85e+06	3.93e+03	4.7e+02
180	PCB-105L	2.70e+06	4.78e+03	5.7e+02	1.77e+06	3.93e+03	4.5e+02
181	PCB-126L	3.00e+06	4.78e+03	6.3e+02	1.94e+06	3.93e+03	4.9e+02
182	PCB-155L	1.96e+06	1.48e+03	1.3e+03	1.57e+06	1.34e+03	1.2e+03
183	PCB-167L	2.57e+06	1.57e+03	1.6e+03	2.08e+06	2.21e+03	9.4e+02
184	PCB-156/157L	3.65e+06	1.57e+03	2.3e+03	2.91e+06	2.21e+03	1.3e+03
185	PCB-169L	2.41e+06	1.57e+03	1.5e+03	1.91e+06	2.21e+03	8.6e+02
186	PCB-188L	1.77e+06	9.48e+02	1.9e+03	1.67e+06	1.31e+03	1.3e+03
187	PCB-189L	1.98e+06	1.56e+03	1.3e+03	1.92e+06	1.40e+03	1.4e+03
188	PCB-202L	1.50e+06	1.43e+03	1.0e+03	1.64e+06	1.04e+03	1.6e+03
189	PCB-205L	1.64e+06	1.43e+03	1.1e+03	1.82e+06	1.04e+03	1.8e+03
190	PCB-208L	1.31e+06	1.25e+03	1.0e+03	1.60e+06	1.16e+03	1.4e+03
191	PCB-206L	1.49e+06	1.36e+03	1.1e+03	1.85e+06	1.05e+03	1.8e+03
192	PCB-209L	1.78e+06	1.22e+03	1.5e+03	1.49e+06	9.00e+02	1.7e+03
193	PCB-28L	3.55e+06	1.40e+04	2.5e+02	3.36e+06	1.28e+04	2.6e+02
194	PCB-111L	2.33e+06	1.15e+03	2.0e+03	1.46e+06	9.76e+02	1.5e+03
195	PCB-178L	1.33e+06	9.48e+02	1.4e+03	1.22e+06	1.31e+03	9.3e+02
196	PCB-9L	8.37e+06	5.36e+03	1.6e+03	5.28e+06	3.64e+03	1.5e+03
197	PCB-52L	2.26e+06	3.22e+03	7.0e+02	2.82e+06	1.60e+03	1.8e+03
198	PCB-101L	2.77e+06	1.15e+03	2.4e+03	1.73e+06	9.76e+02	1.8e+03
199	PCB-138L	2.88e+06	8.32e+02	3.5e+03	2.26e+06	9.88e+02	2.3e+03
200	PCB-194L	1.81e+06	1.43e+03	1.3e+03	2.00e+06	1.04e+03	1.9e+03

File:U224754 #1-379 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-005 USENN/S041

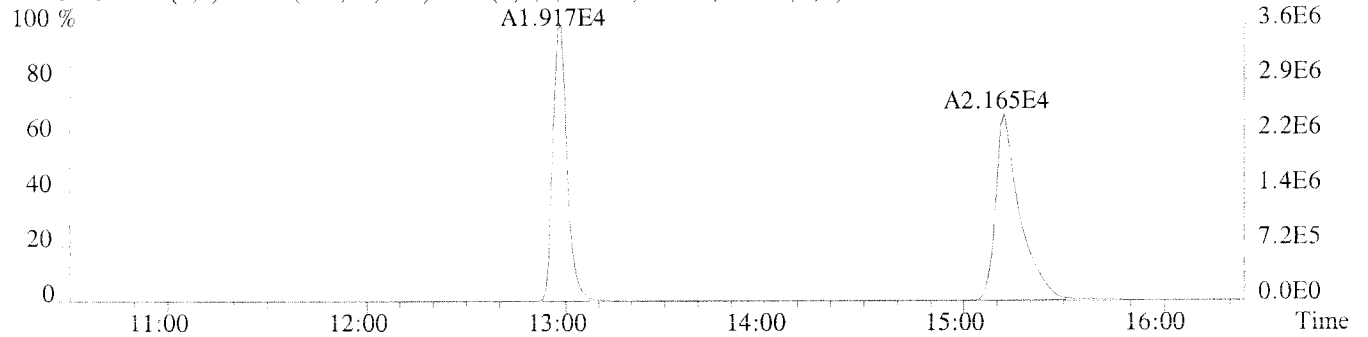
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1860.0,1.00%,F,T)



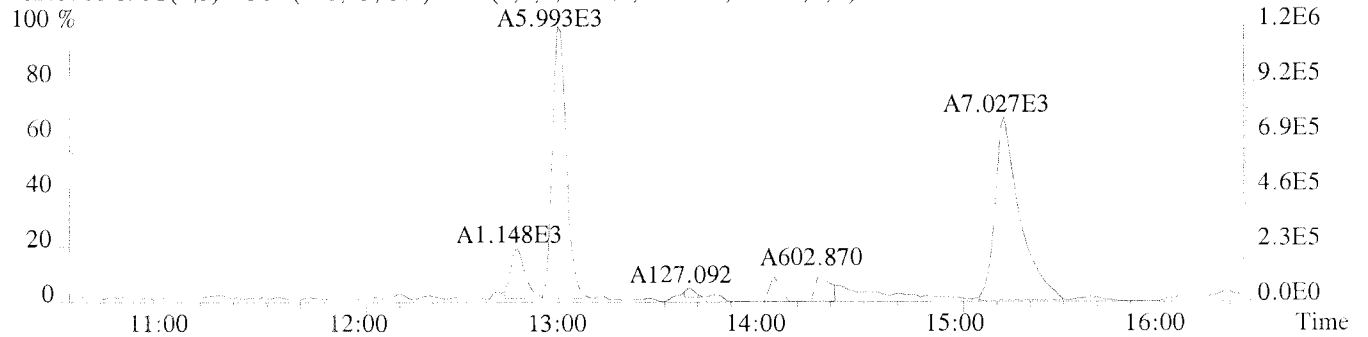
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1464.0,1.00%,F,T)



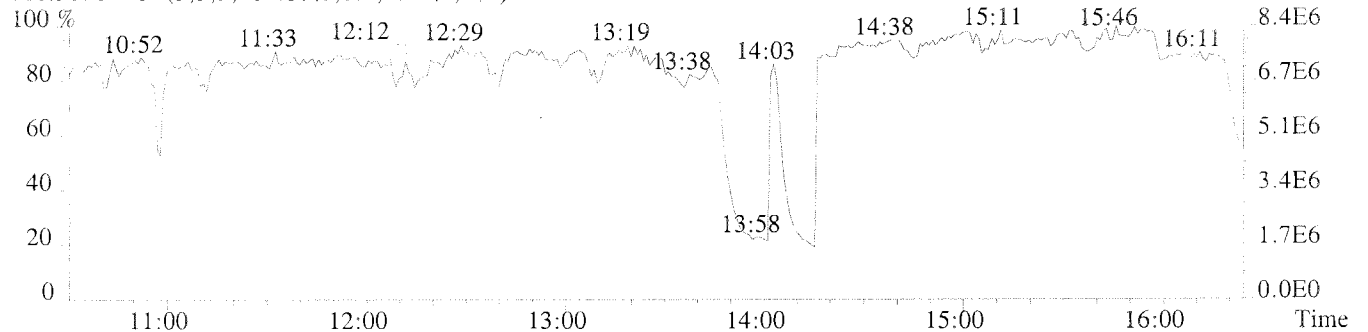
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1584.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,19964.0,1.00%,F,T)

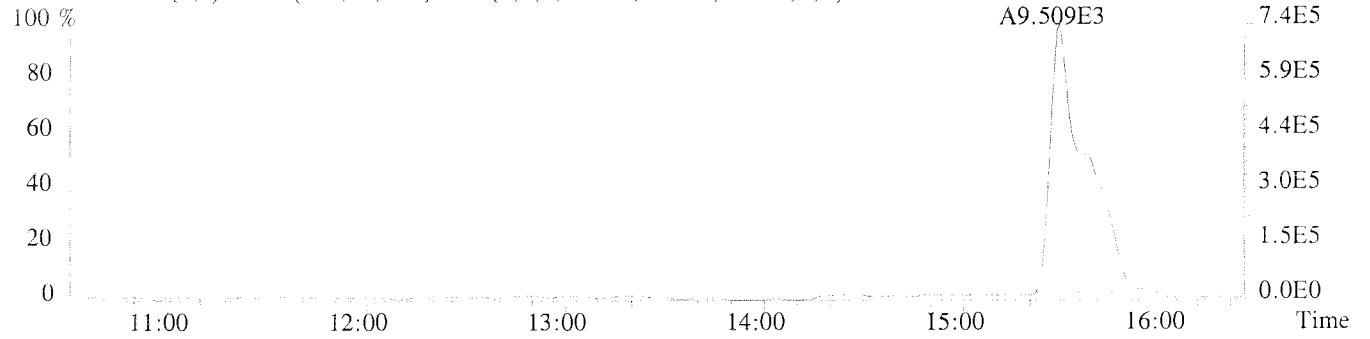


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

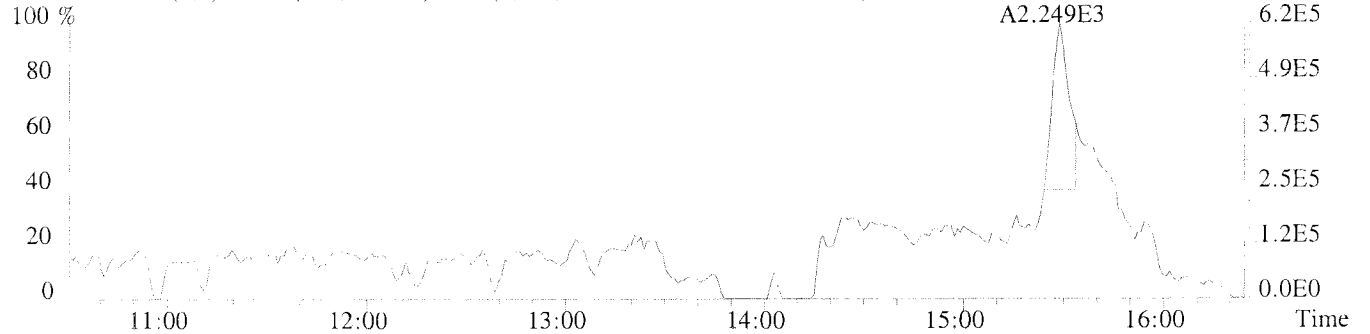


File:U224754 #1-379 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-005 USENN/S041

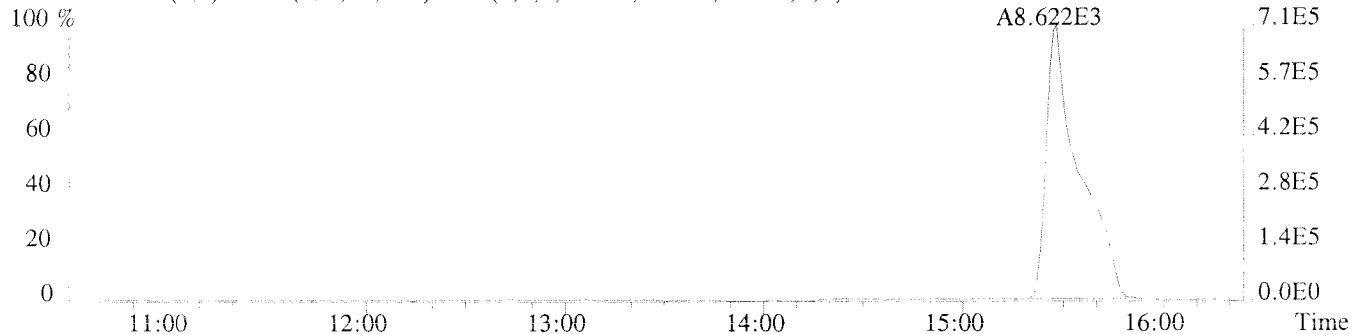
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8540.0,1.00%,F,T)



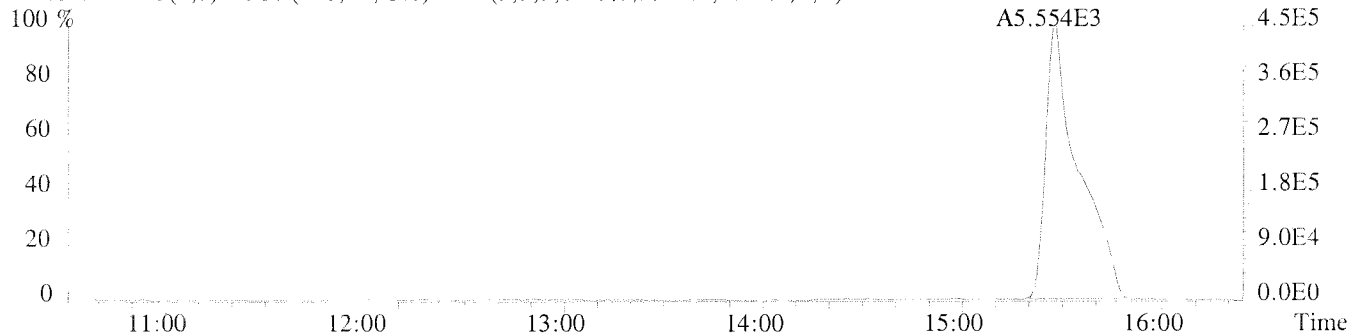
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,106524.0,1.00%,F,T)



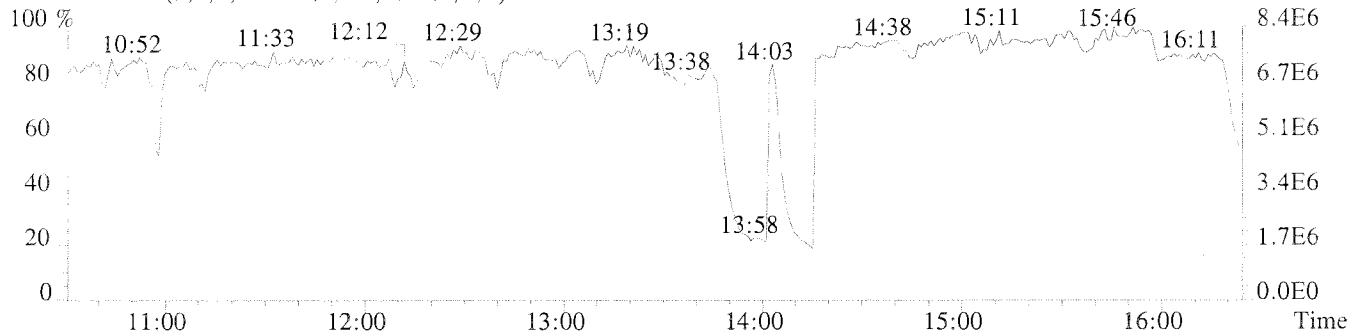
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3244.0,1.00%,F,T)



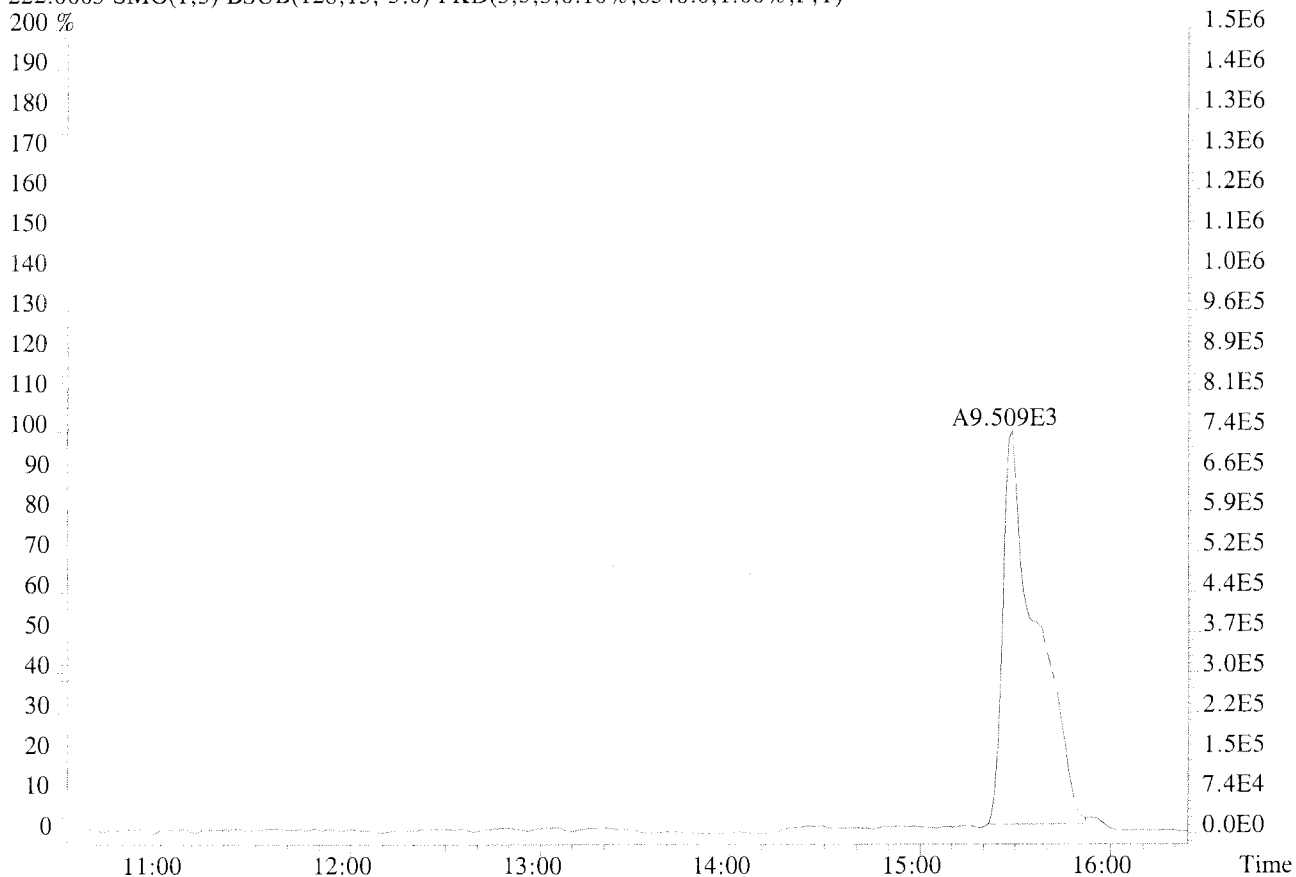
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2316.0,1.00%,F,T)



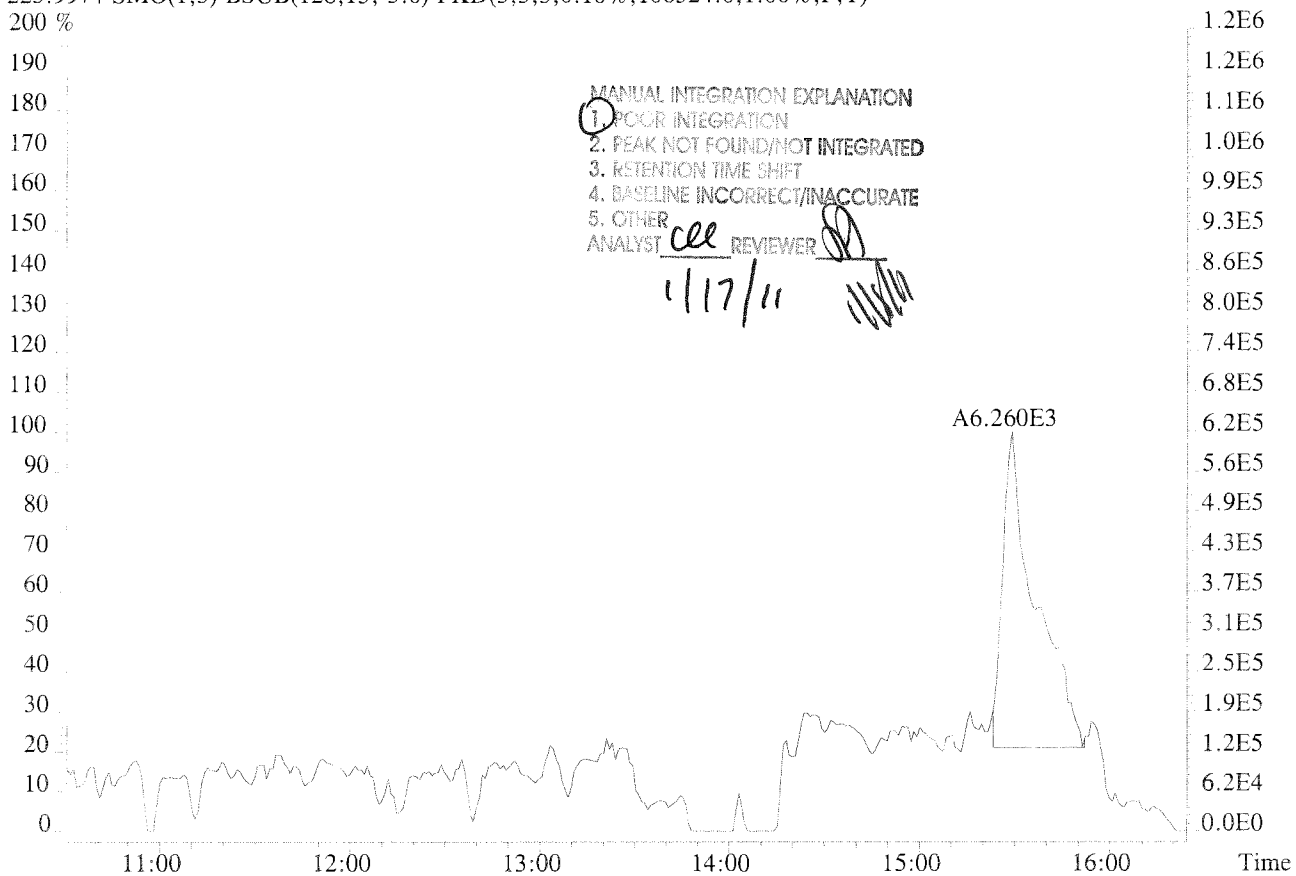
218.9856 PKD(3,3,3,100.00%.0.0,1.00%,F,T)



File:U224754 #1-379 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:K1013433-005 USENN/S041
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8540.0,1.00%,F,T)

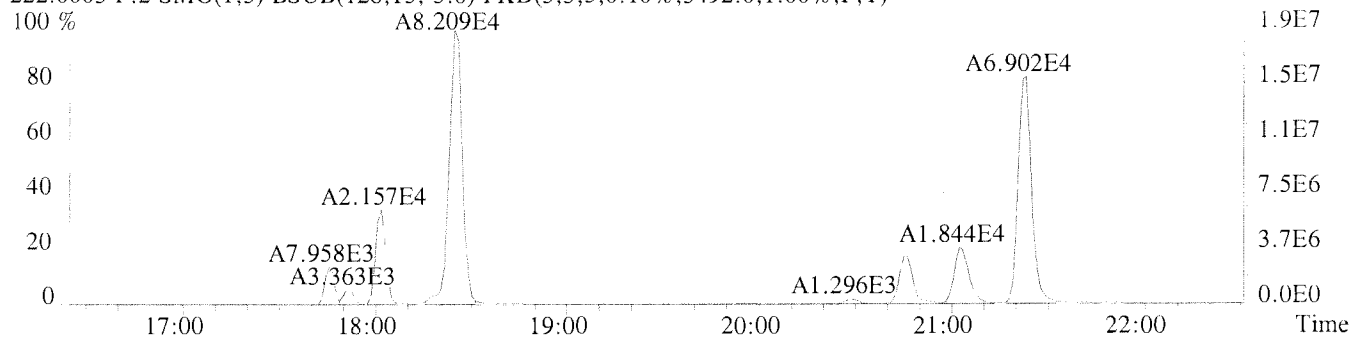


223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,106524.0,1.00%,F,T)

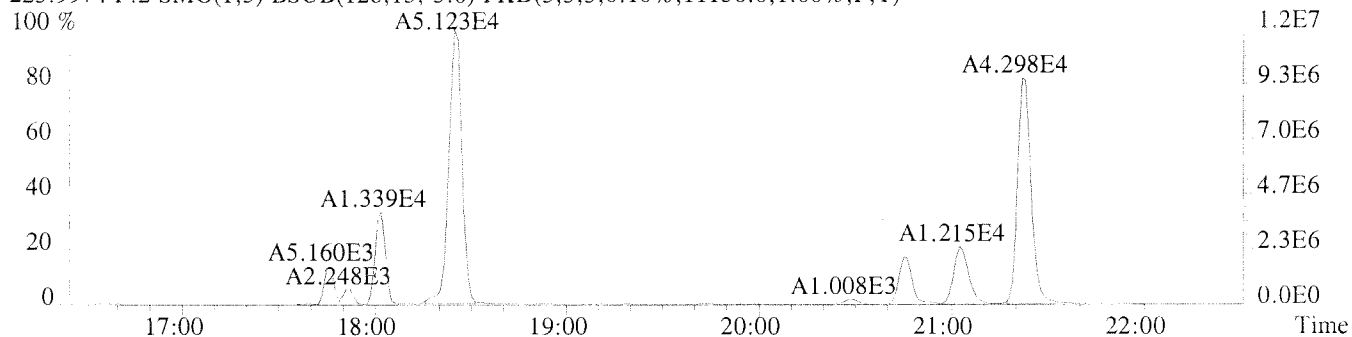


File:U224754 #1-337 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-005 USENN/S041

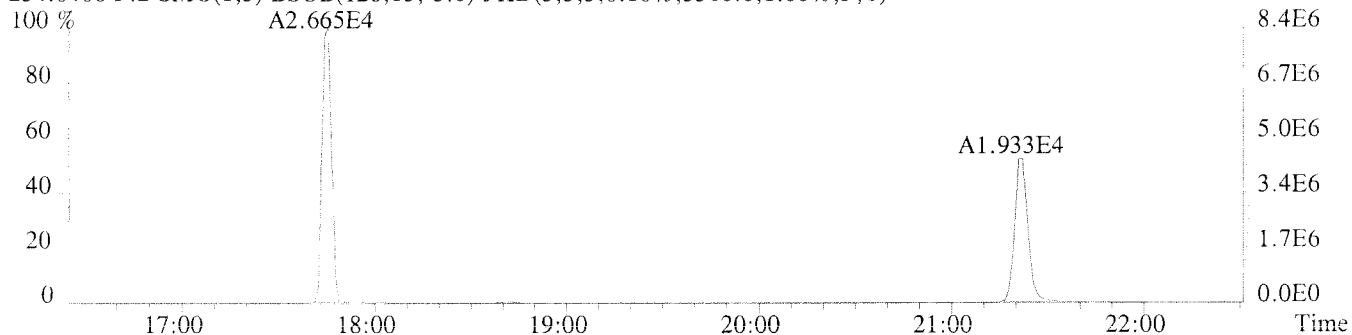
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5492.0,1.00%,F,T)



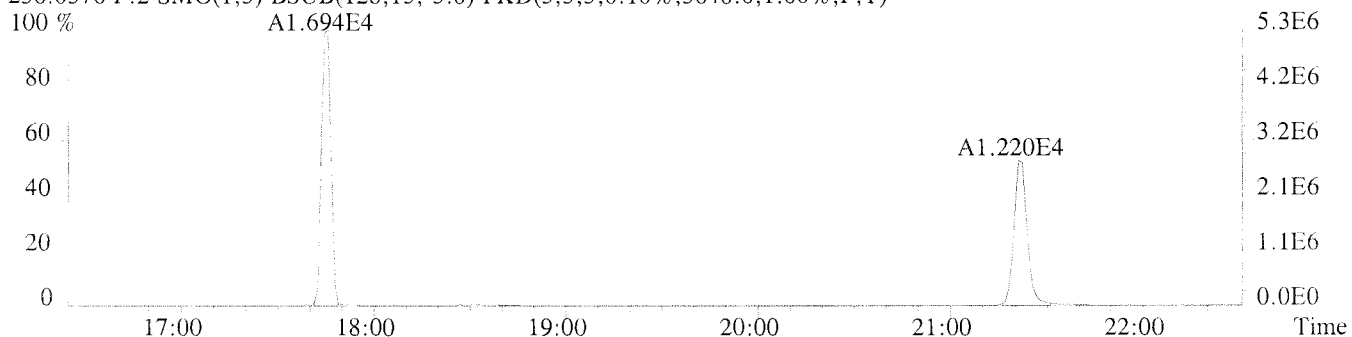
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11136.0,1.00%,F,T)



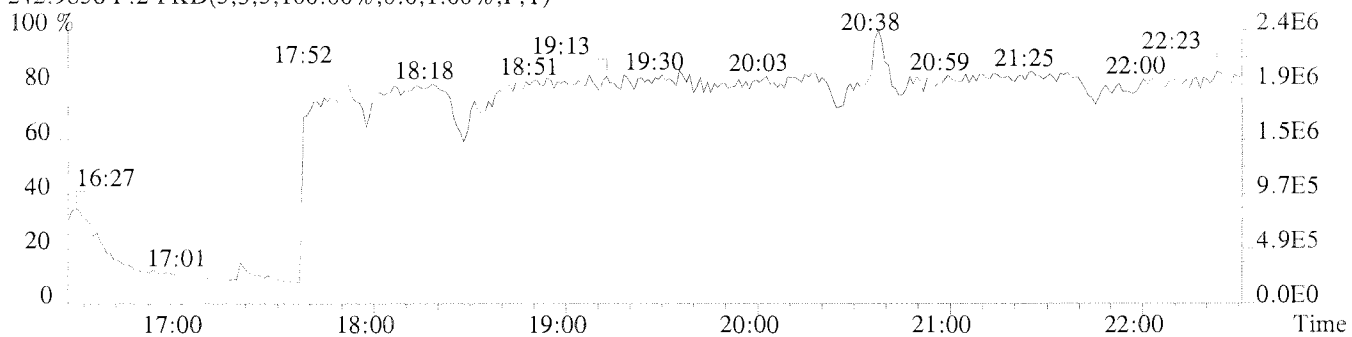
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5360.0,1.00%,F,T)



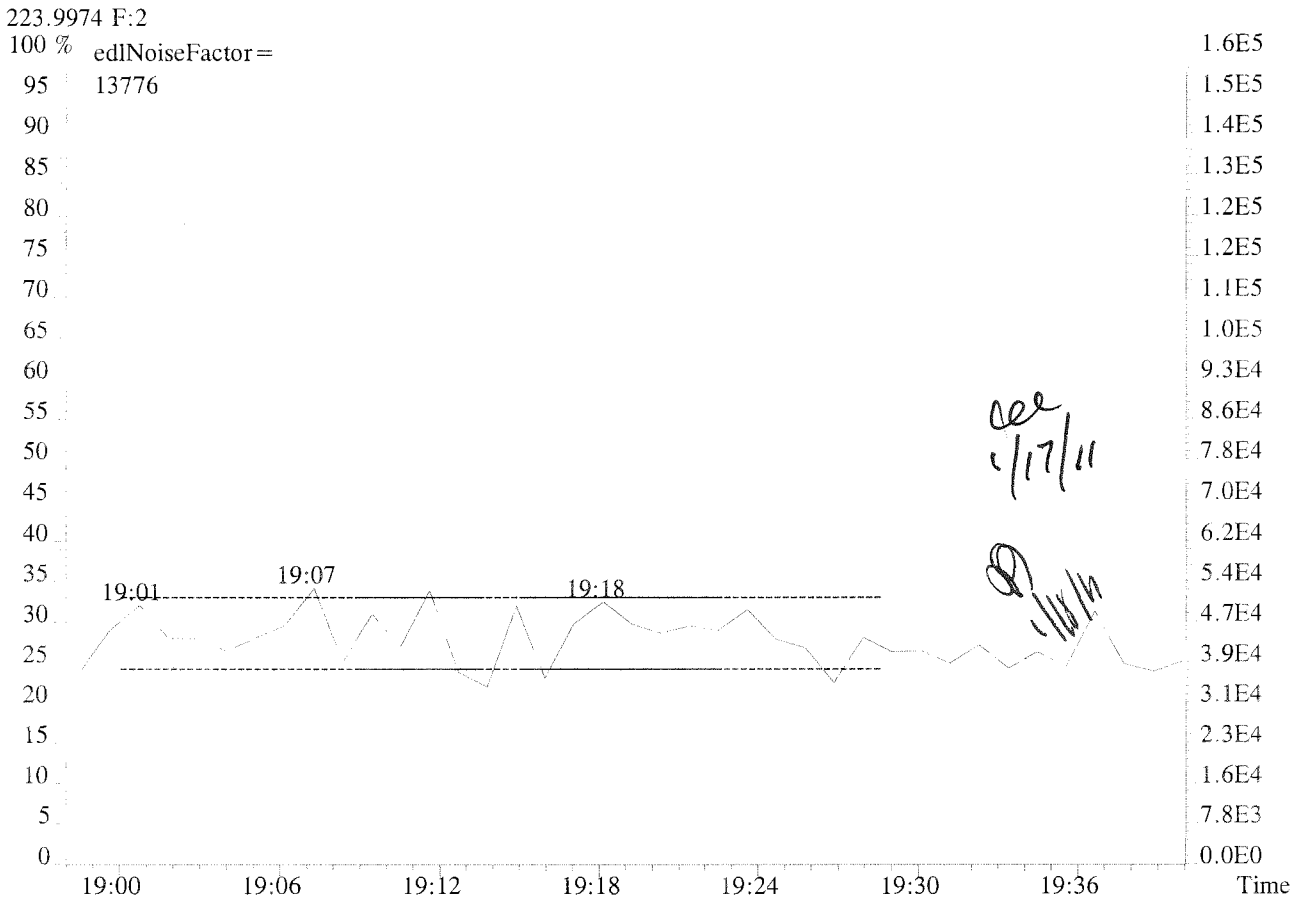
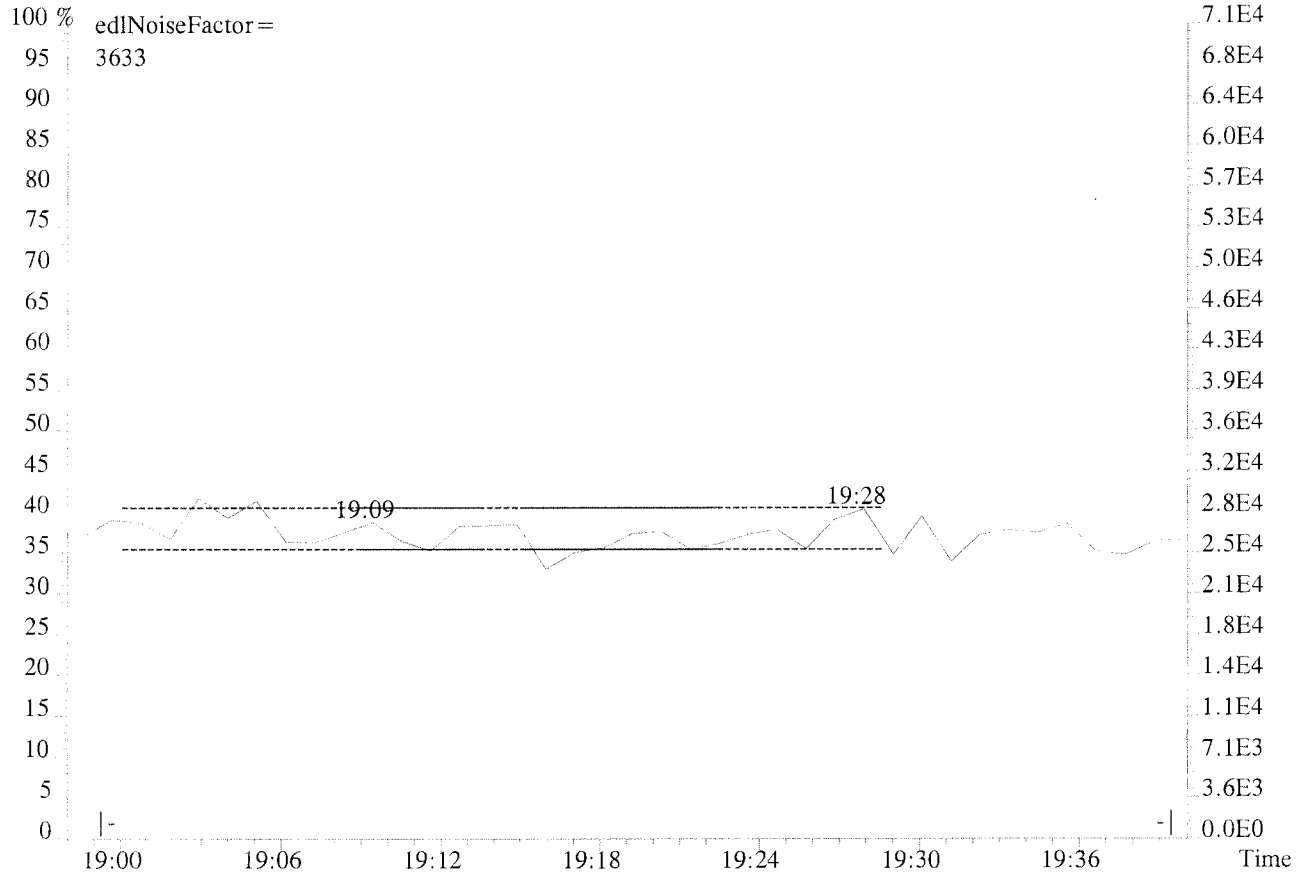
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3640.0,1.00%,F,T)



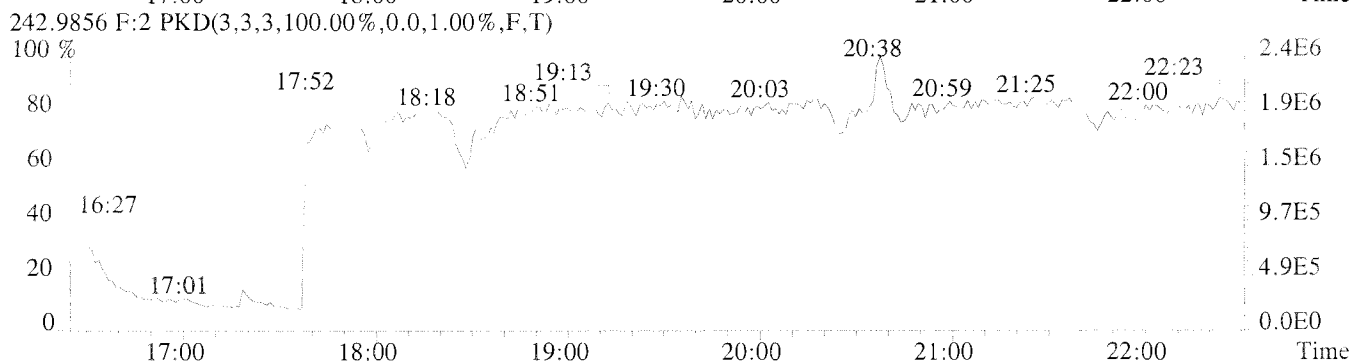
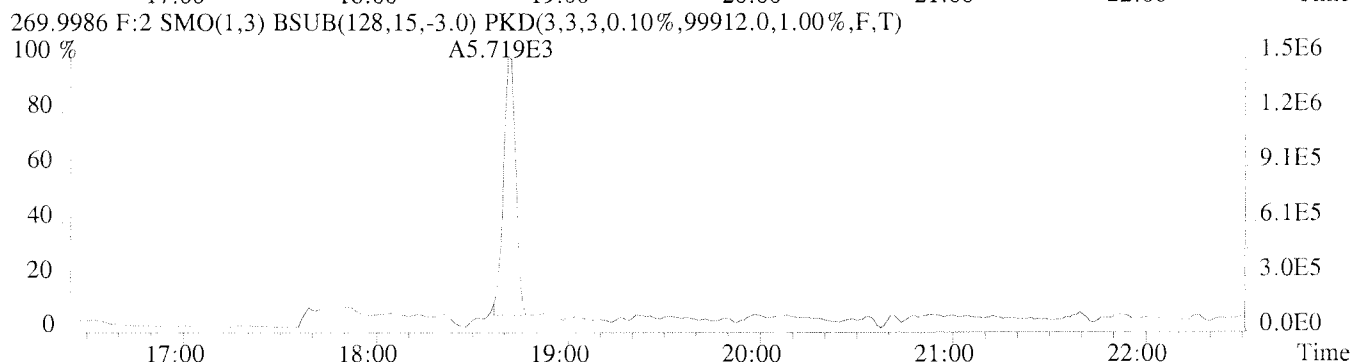
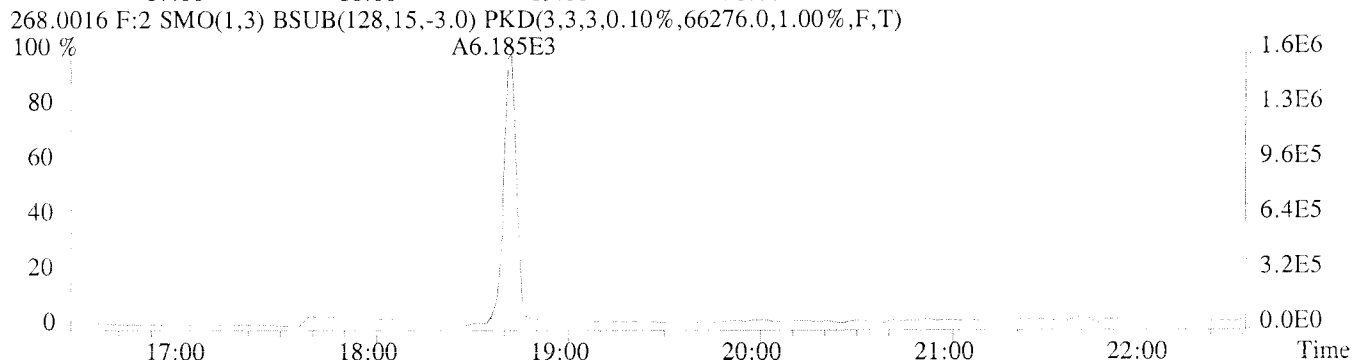
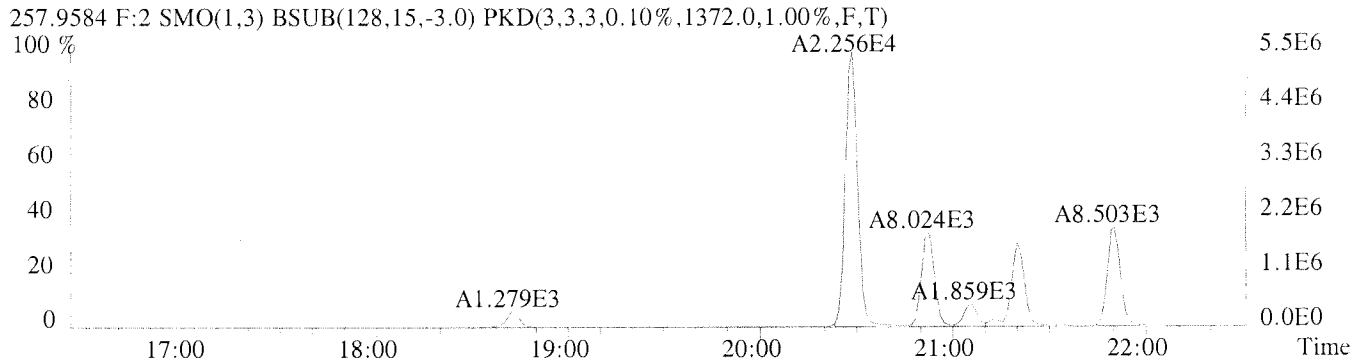
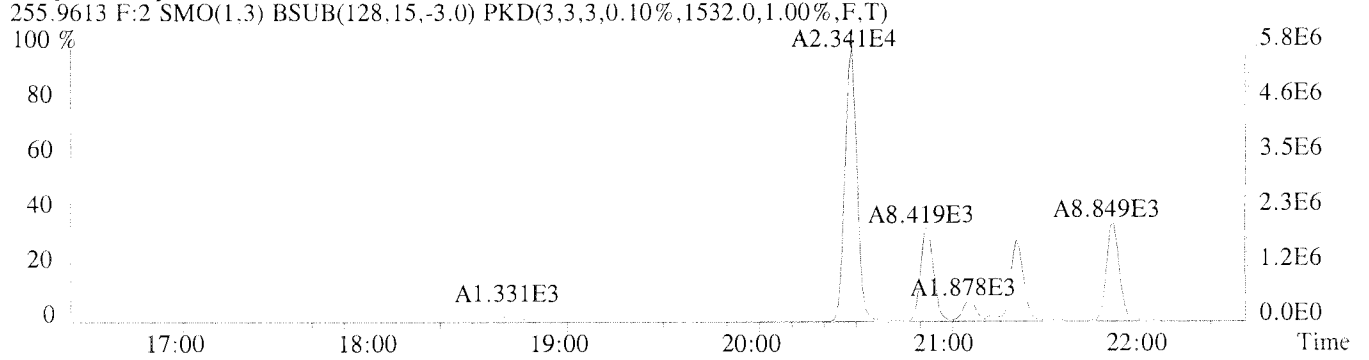
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224754 #1-337 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass s£
Sample#1 Exp:K1013433-005 USENN/S041
222.0003 F:2

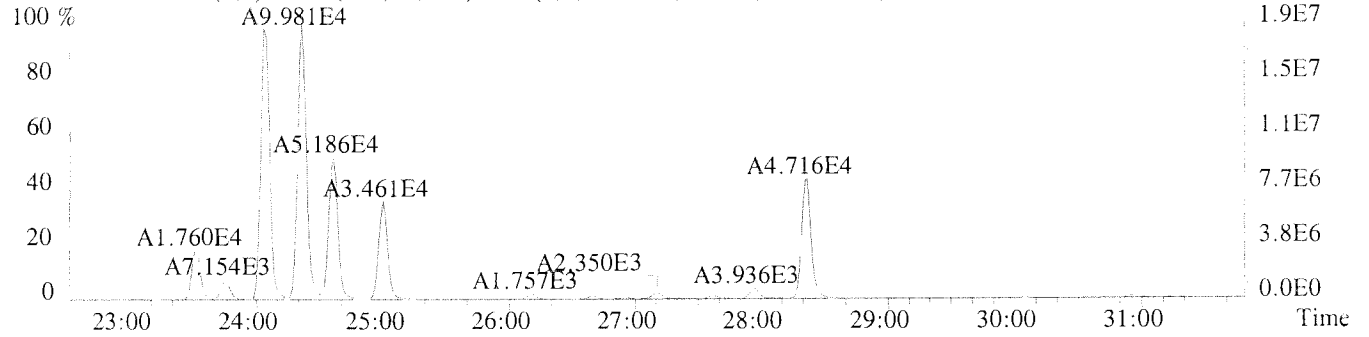


File:U224754 #1-337 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-005 USENN/S041

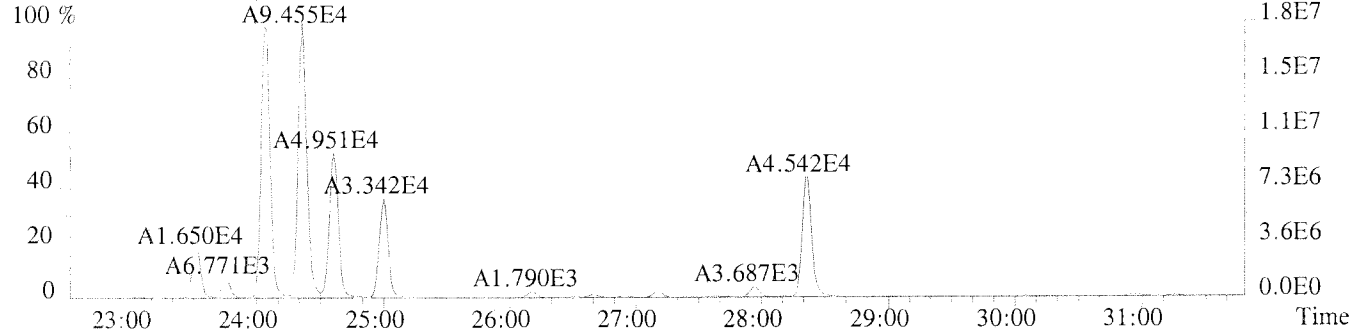


File:U224754 #1-594 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-005 USENN/S041

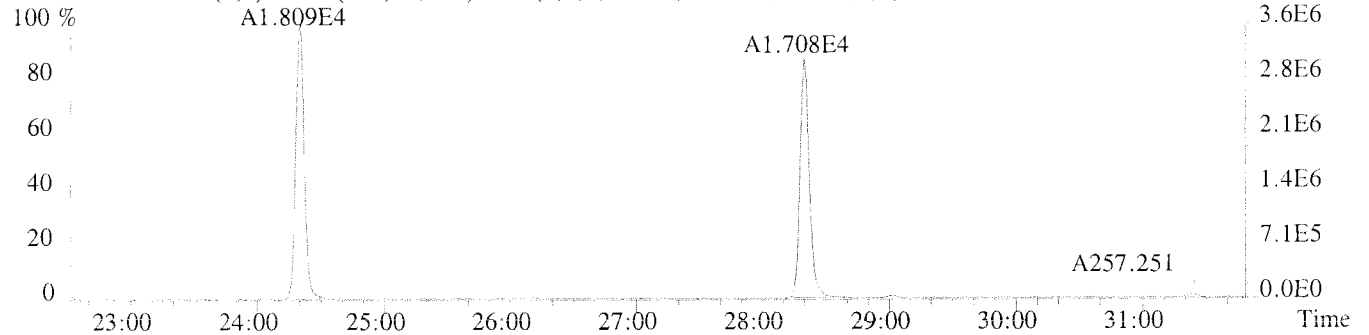
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2056.0,1.00%,F,T)



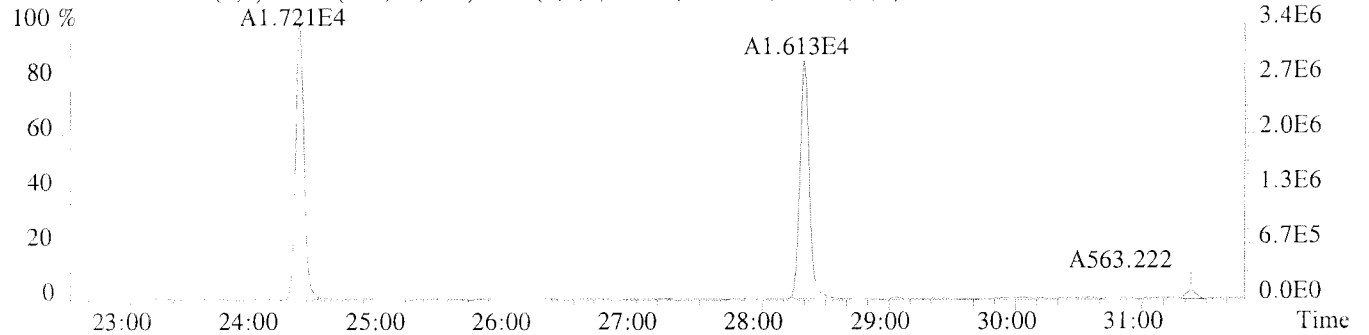
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2896.0,1.00%,F,T)



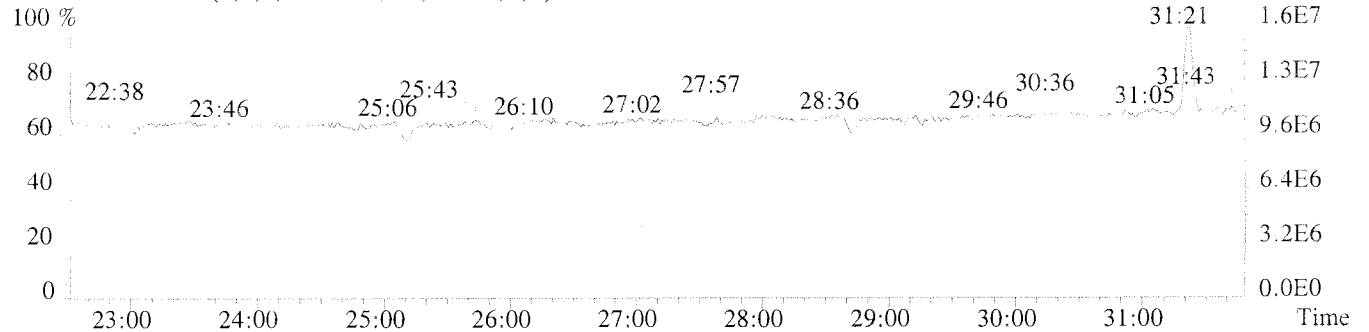
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14028.0,1.00%,F,T)



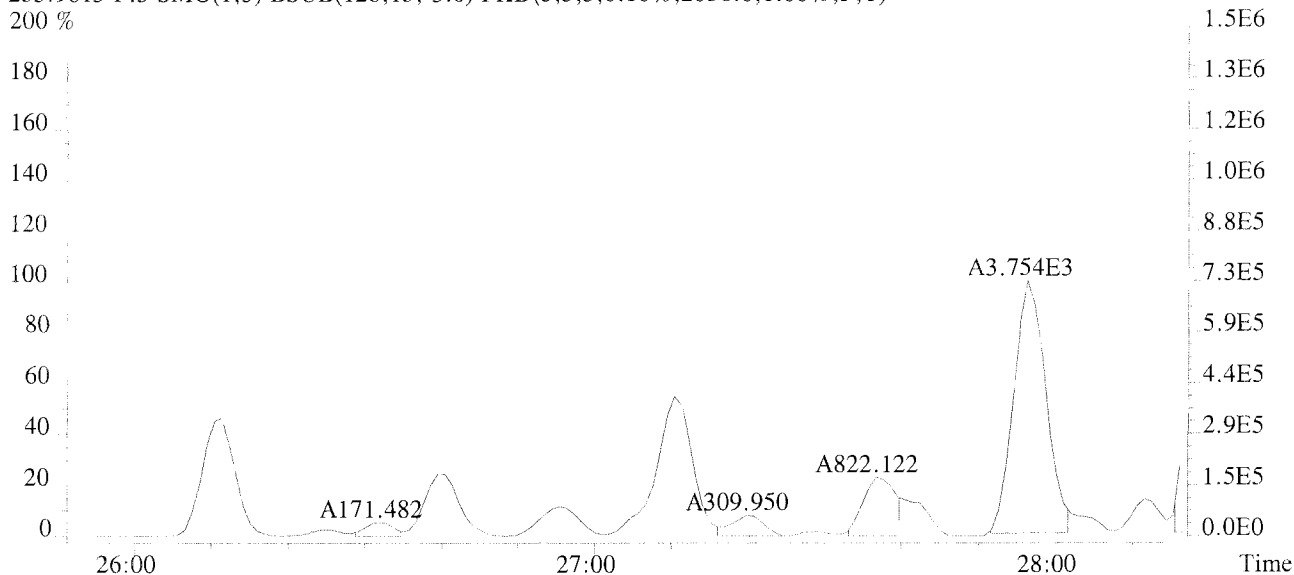
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12760.0,1.00%,F,T)



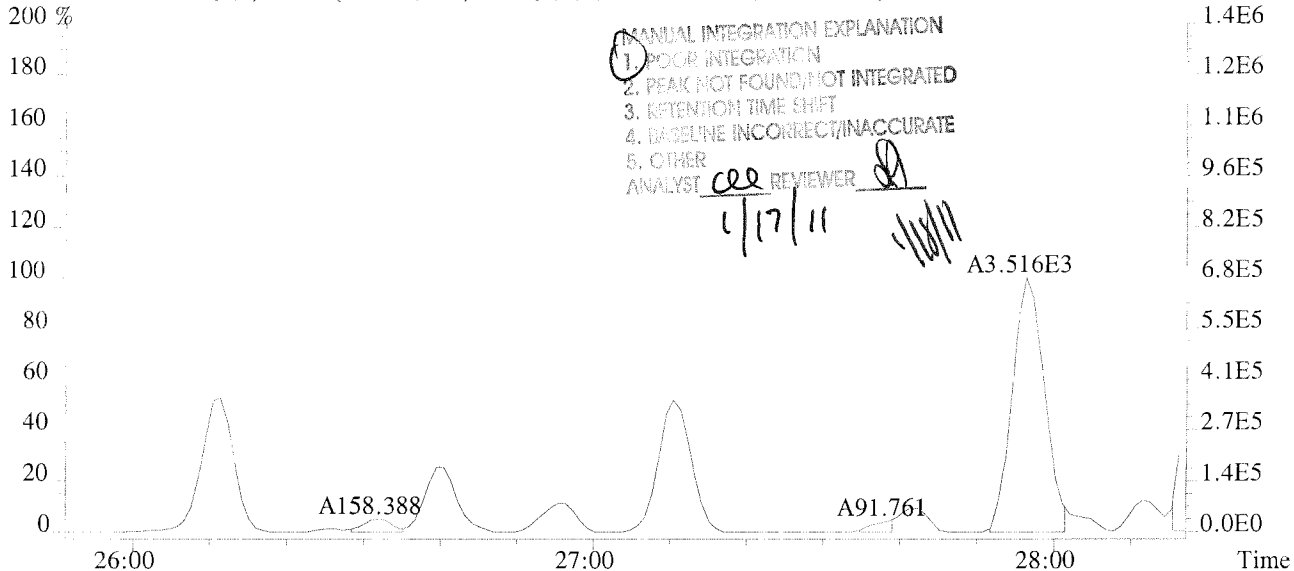
280.9825 F:3 PKD(3,3,3,100.00%.0.0,1.00%,F,T)



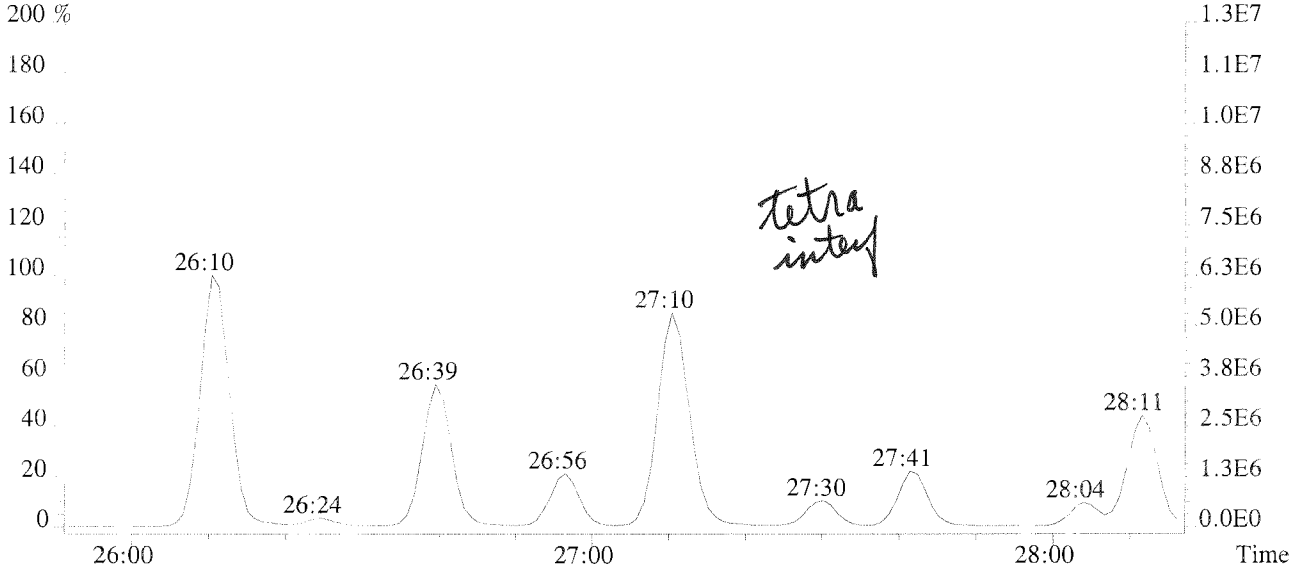
File:U224754 #1-594 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-005 USENN/S041
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2056.0,1.00%,F,T)
 200 %



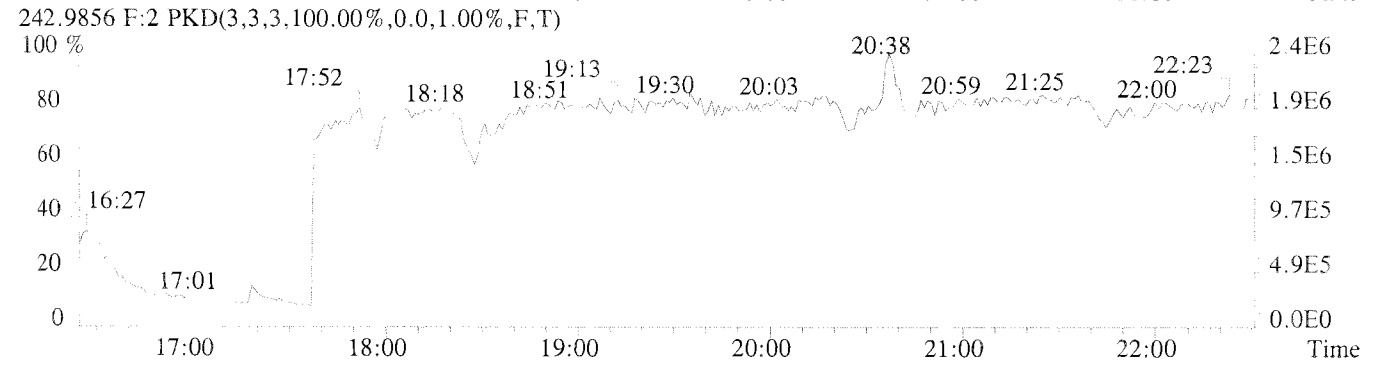
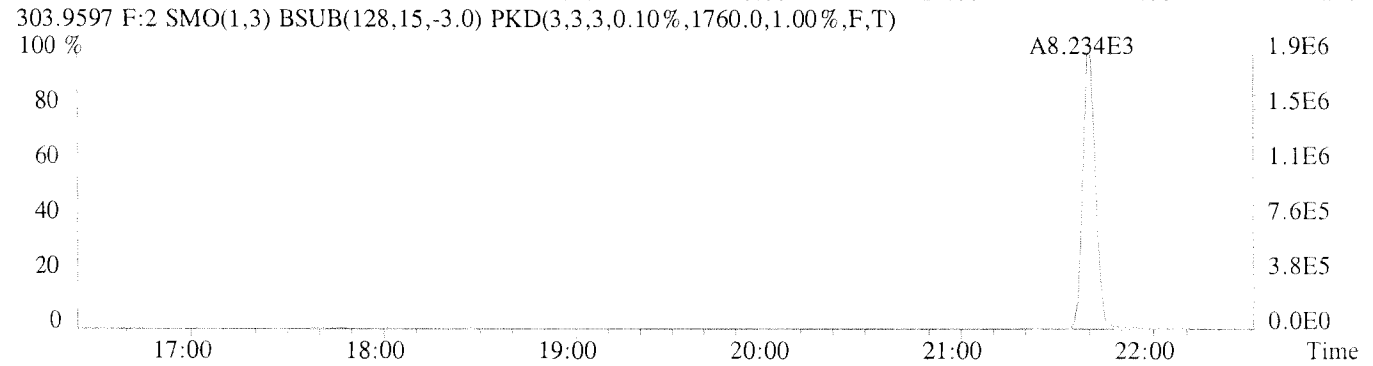
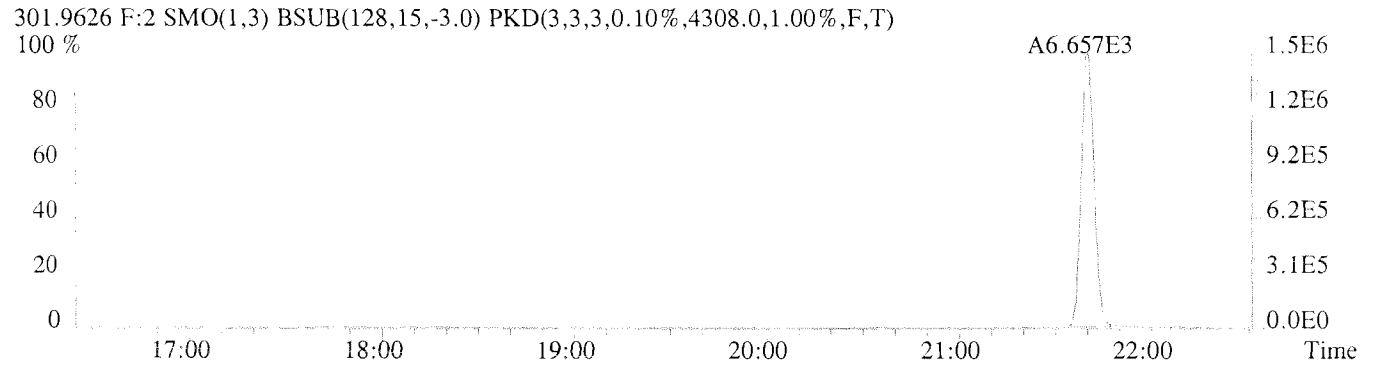
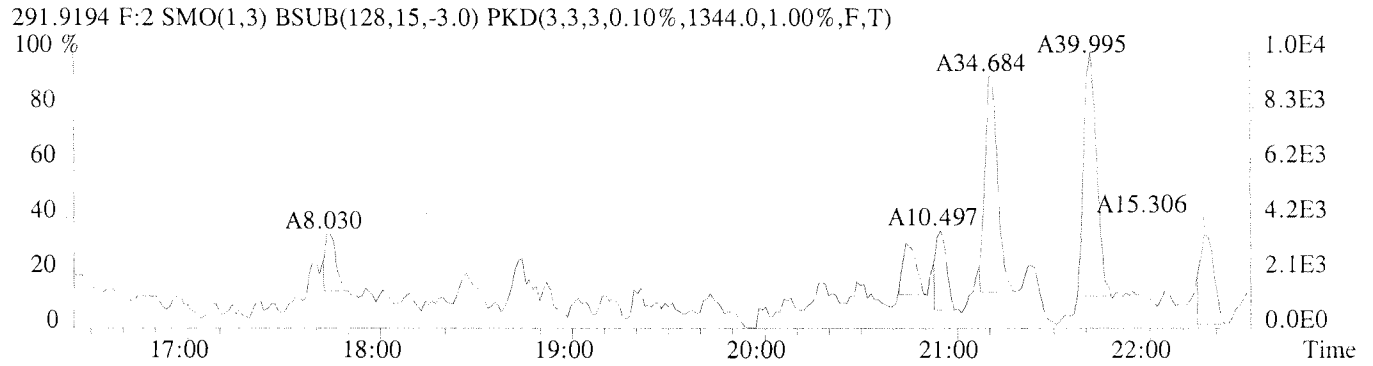
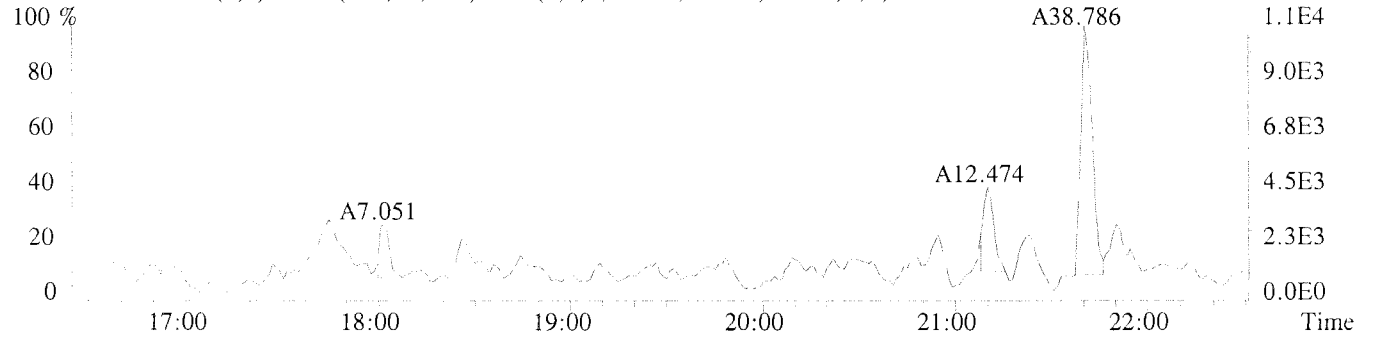
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2896.0,1.00%,F,T)



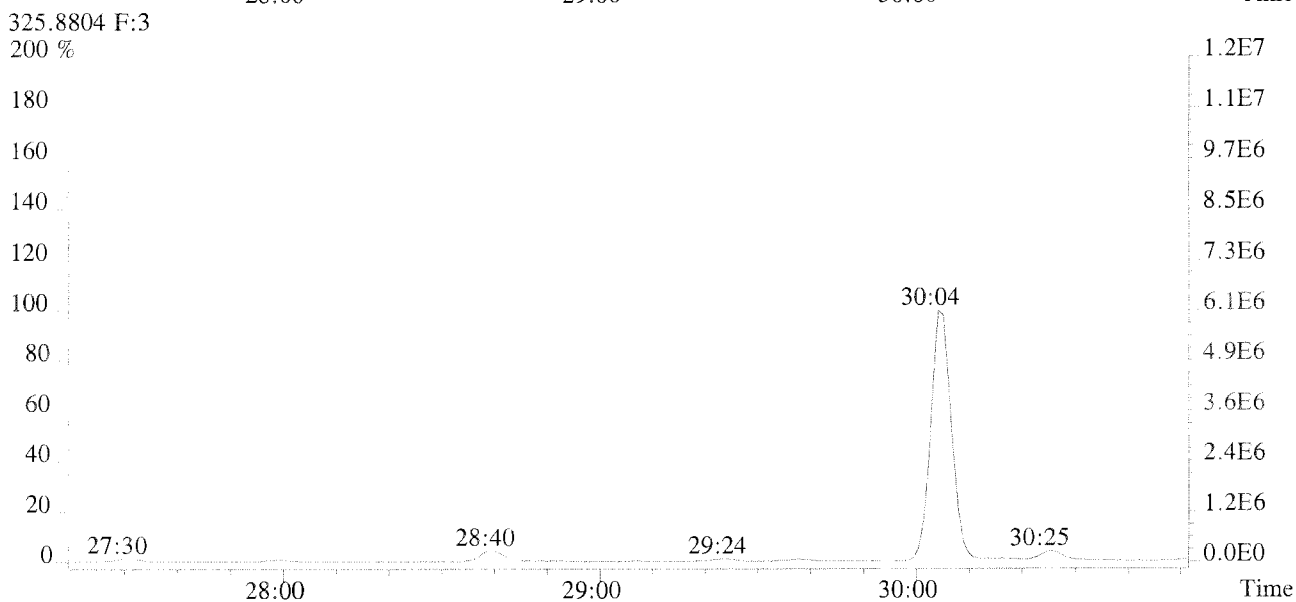
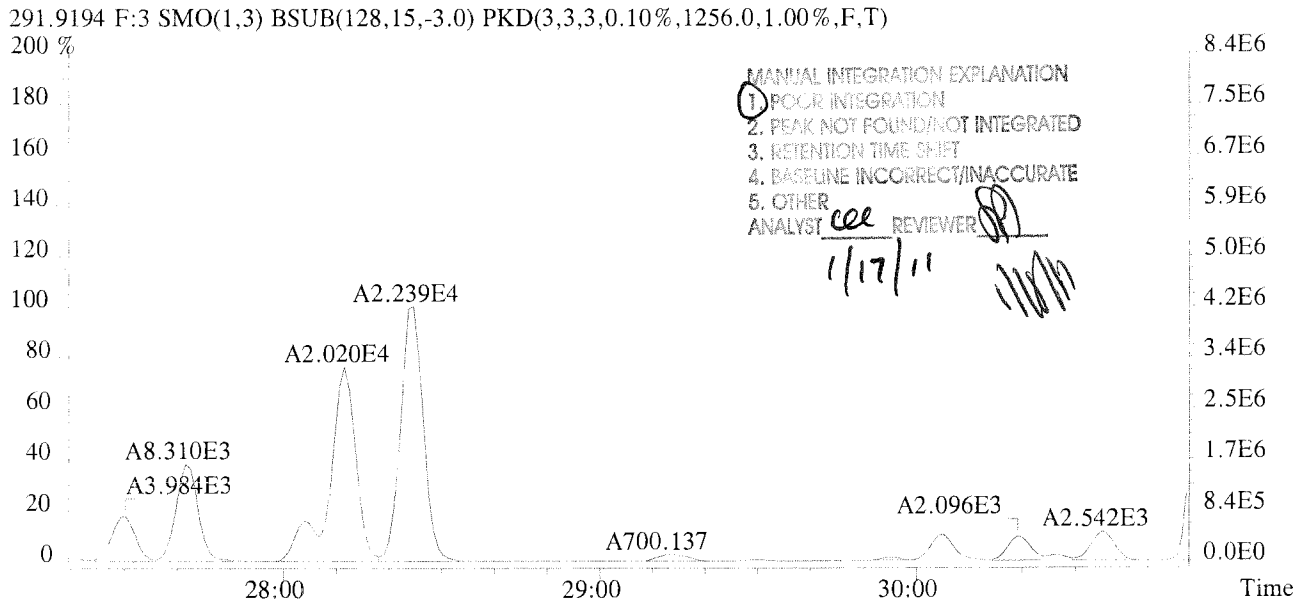
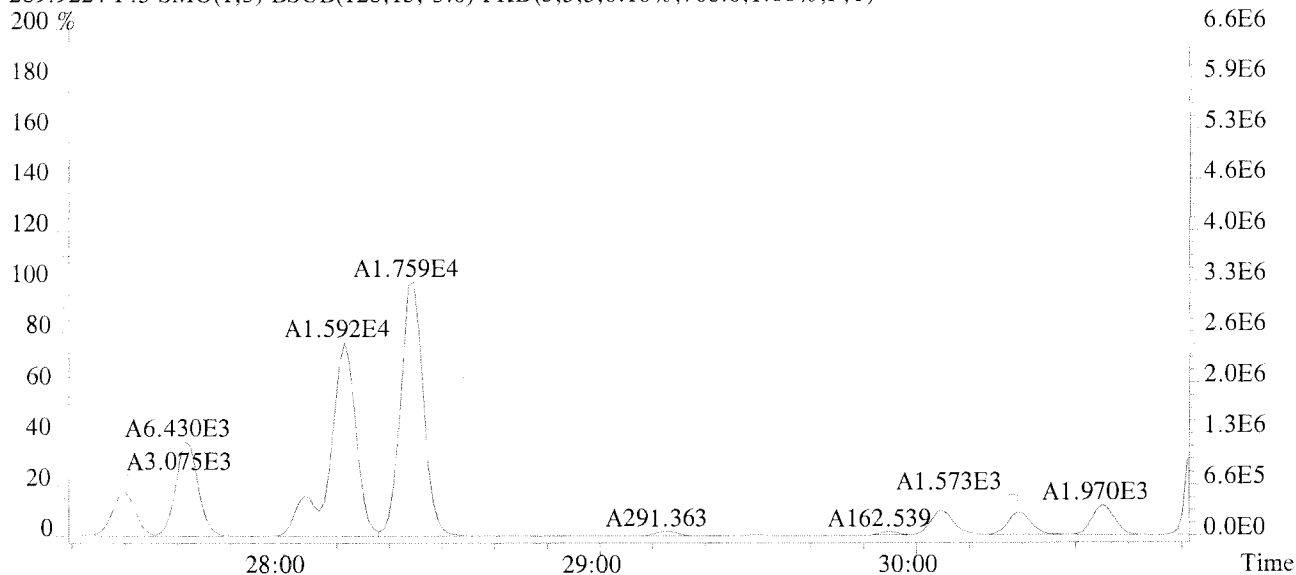
289.9224 F:3



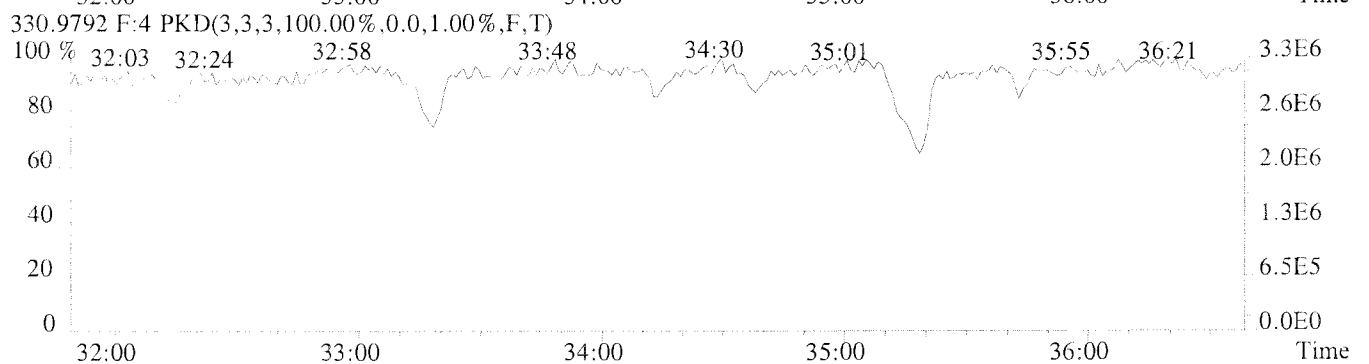
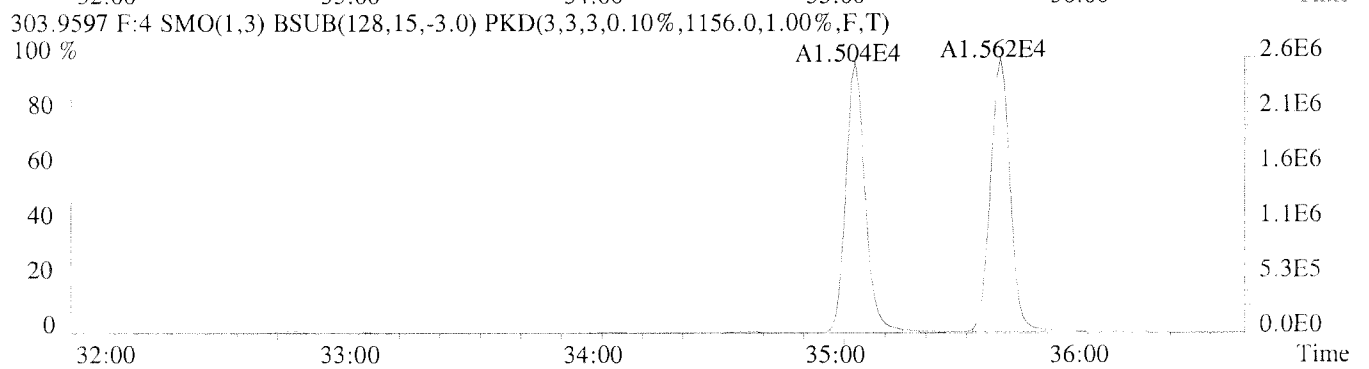
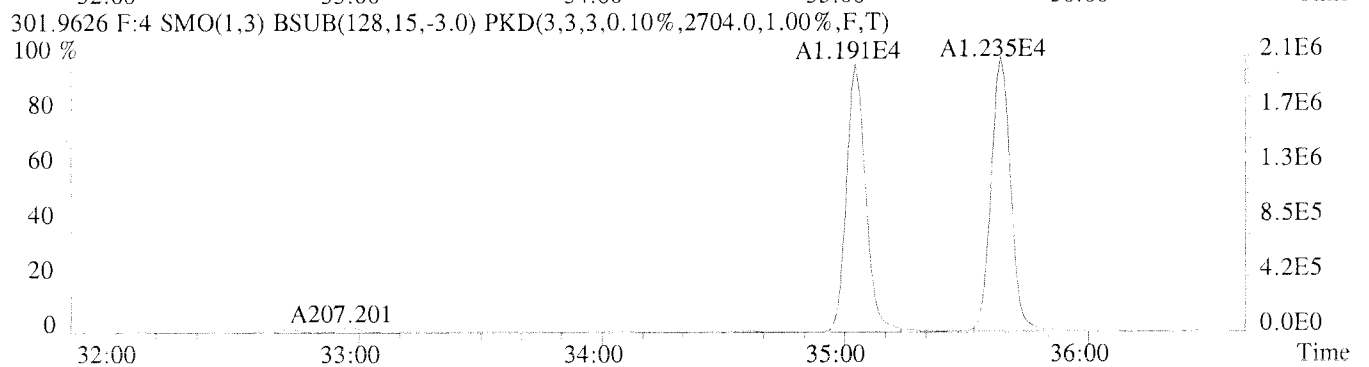
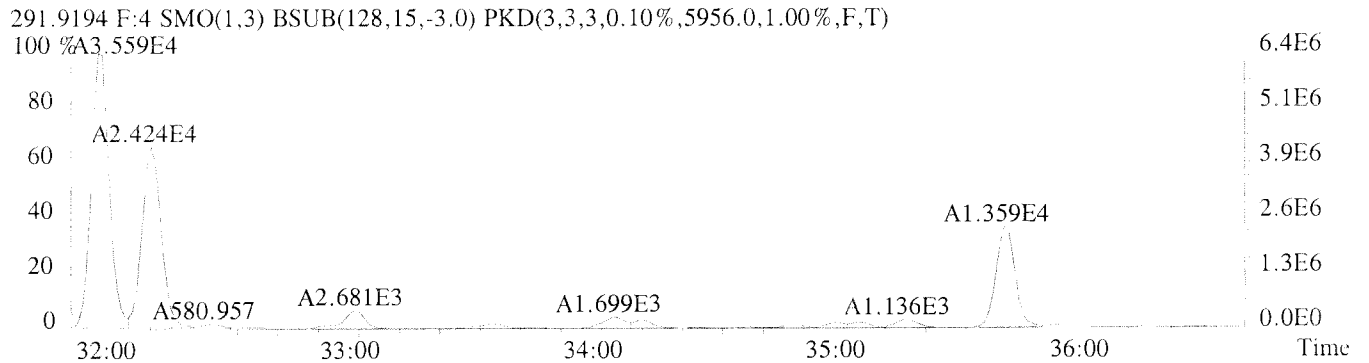
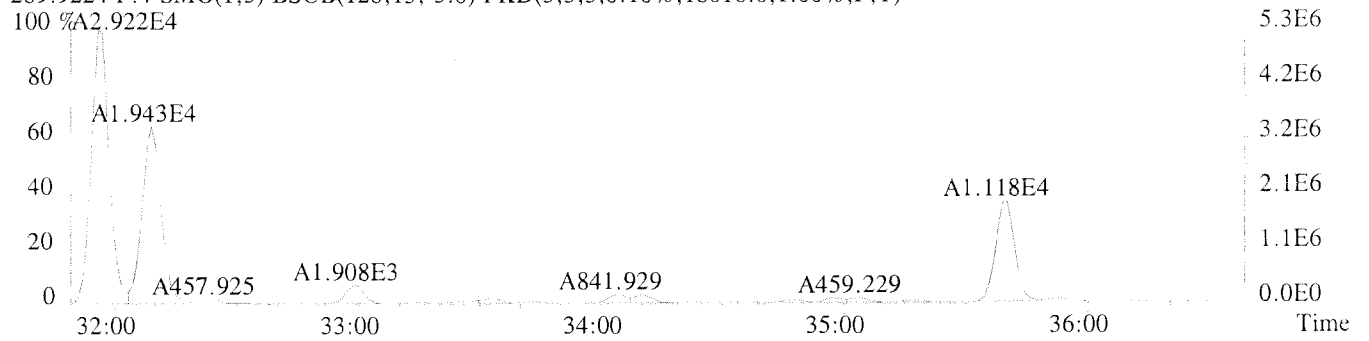
File:U224754 #1-337 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-005 USENN/S041
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1516.0,1.00%,F,T)



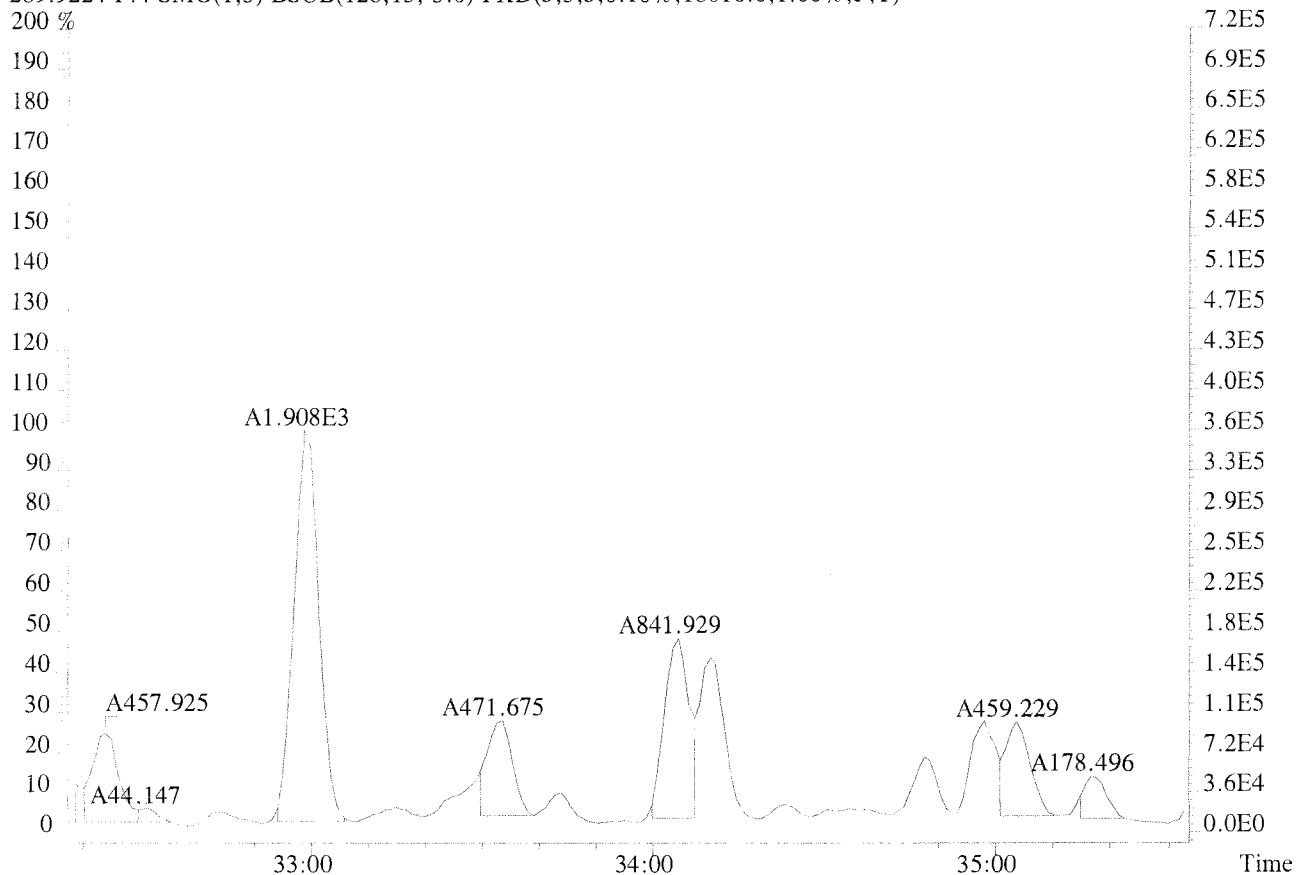
File:U224754 #1-594 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-005 USENN/S041
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,768.0,1.00%,F,T)



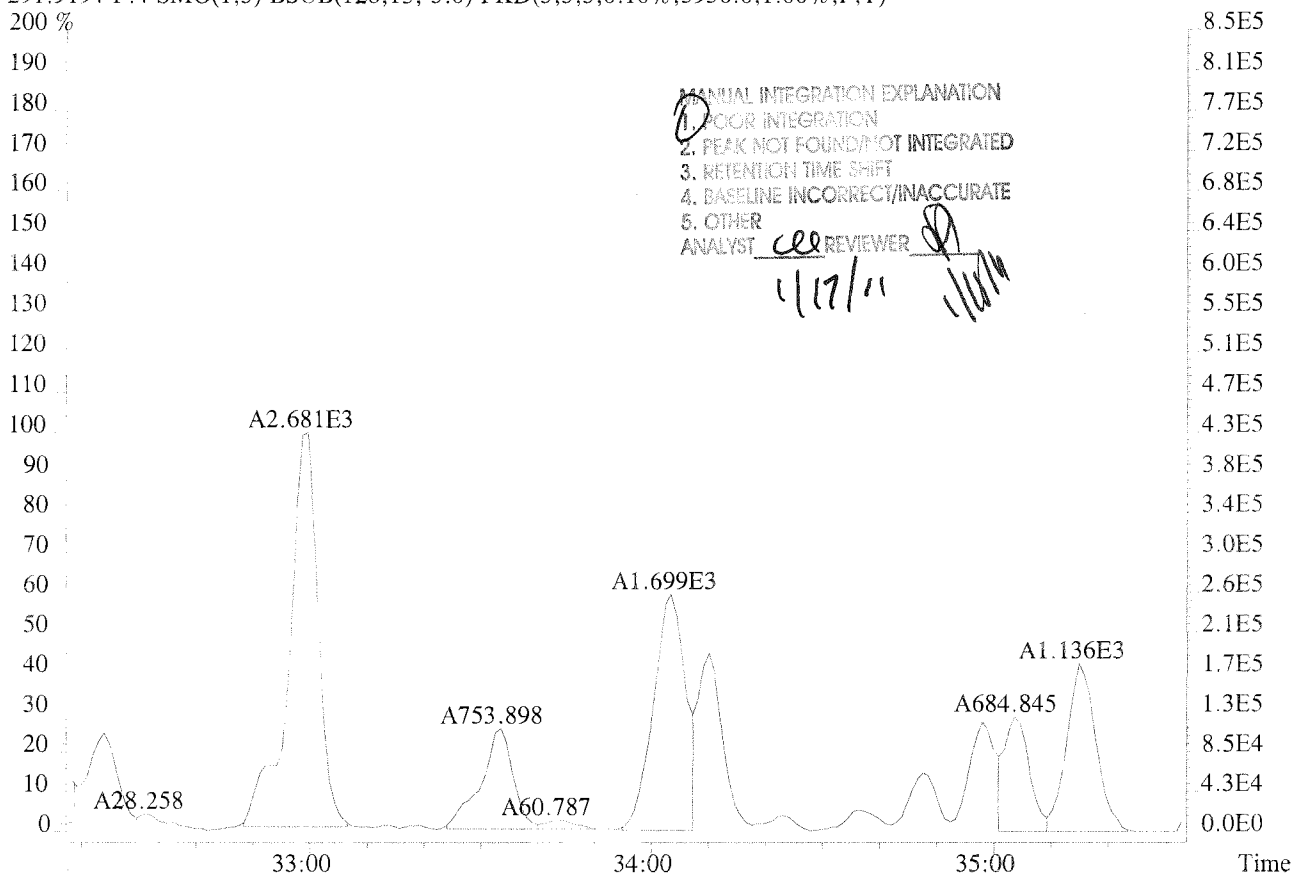
File:U224754 #1-309 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-005 USENN/S041
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,18016.0,1.00%,F,T)
 100 %A2.922E4

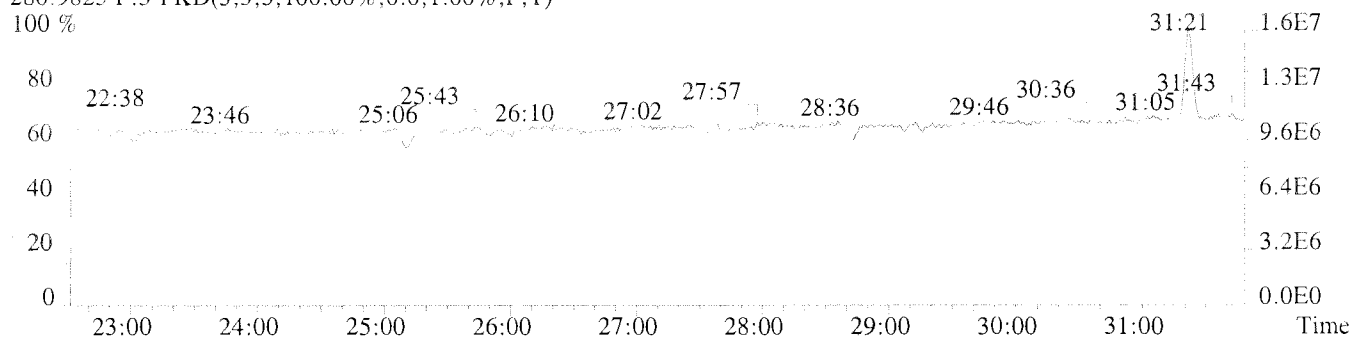
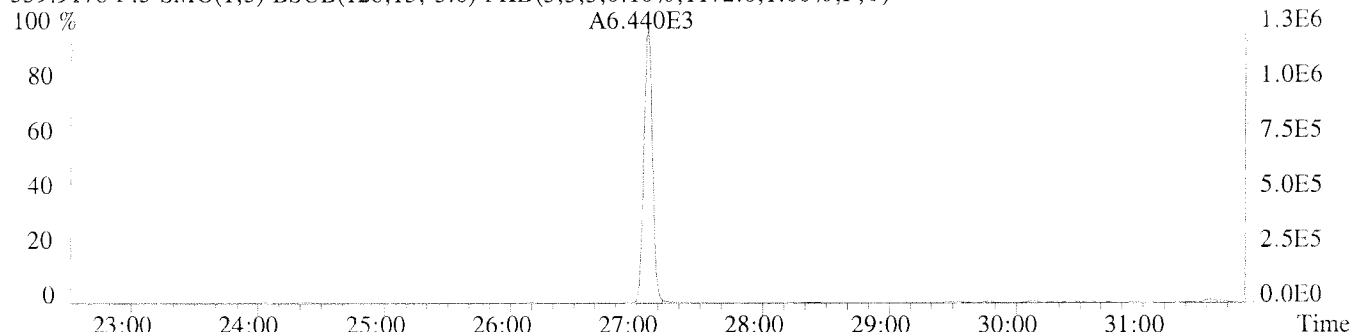
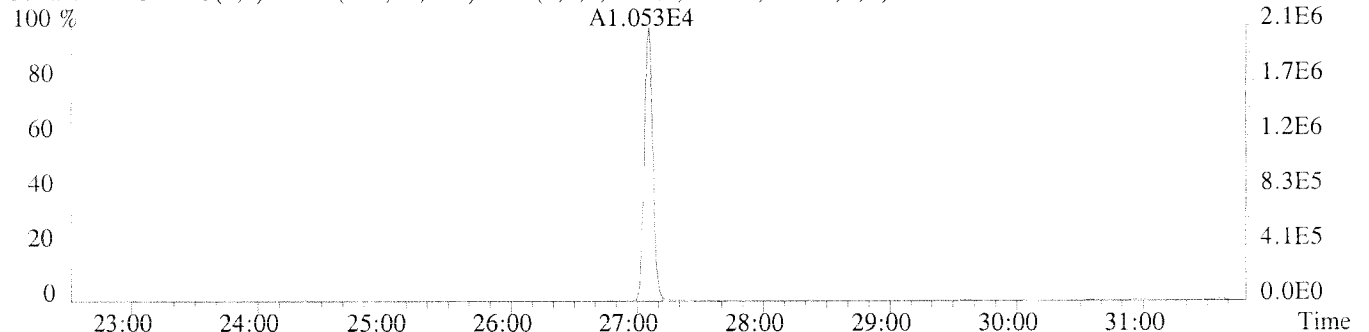
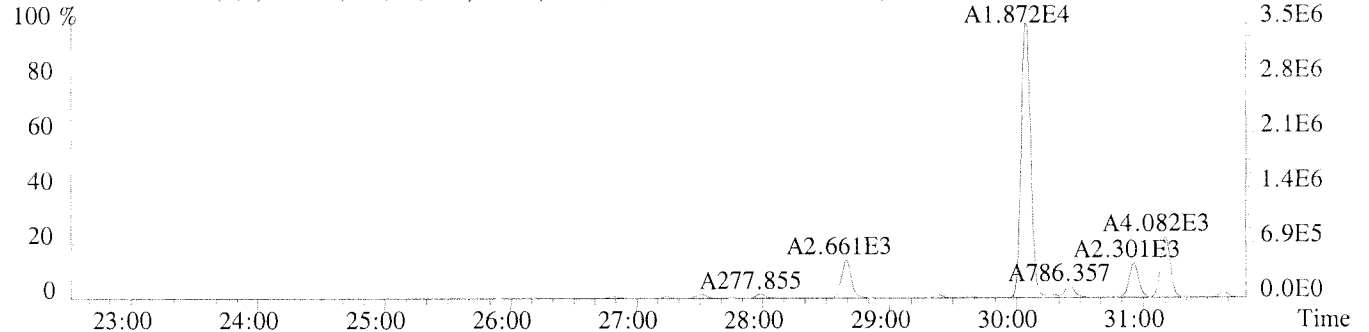
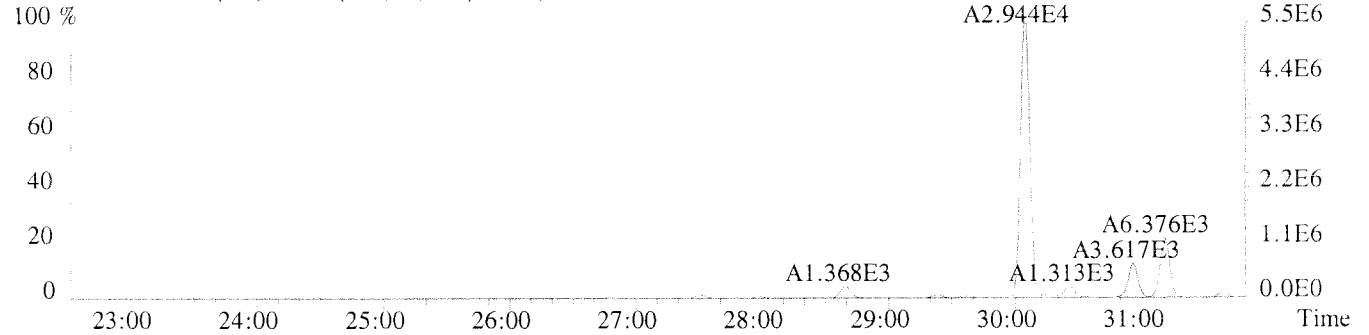


File:U224754 #1-309 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-005 USENN/S041
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,18016.0,1.00%,F,T)

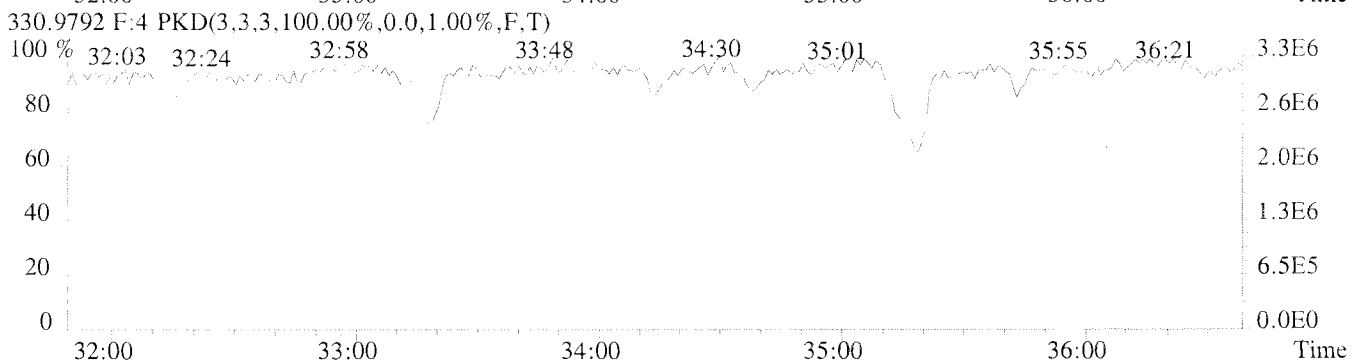
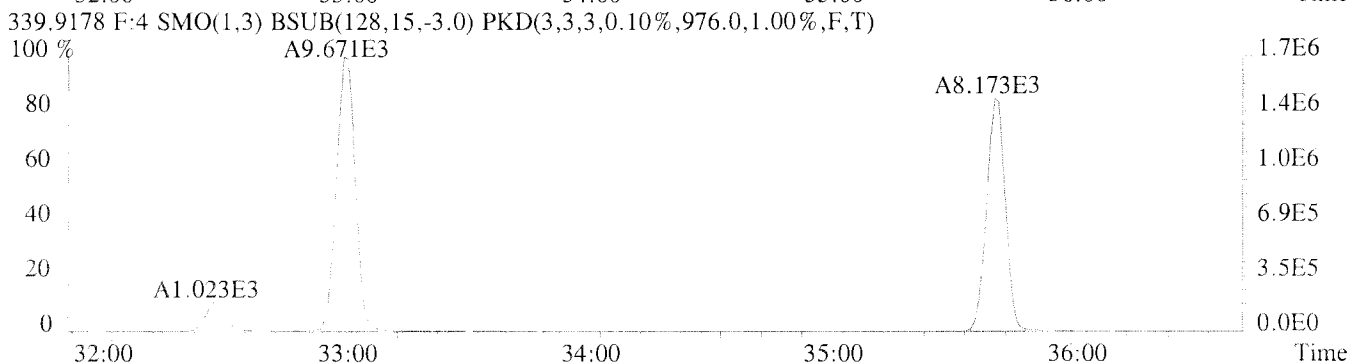
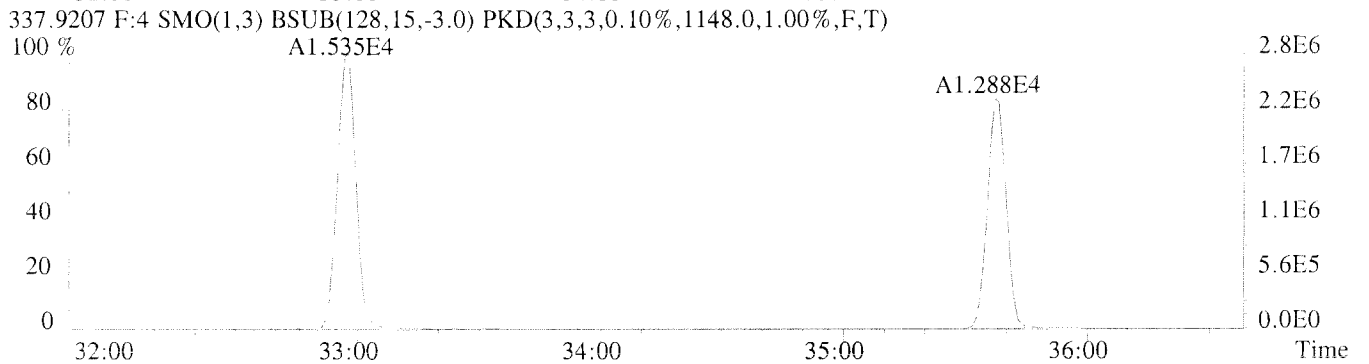
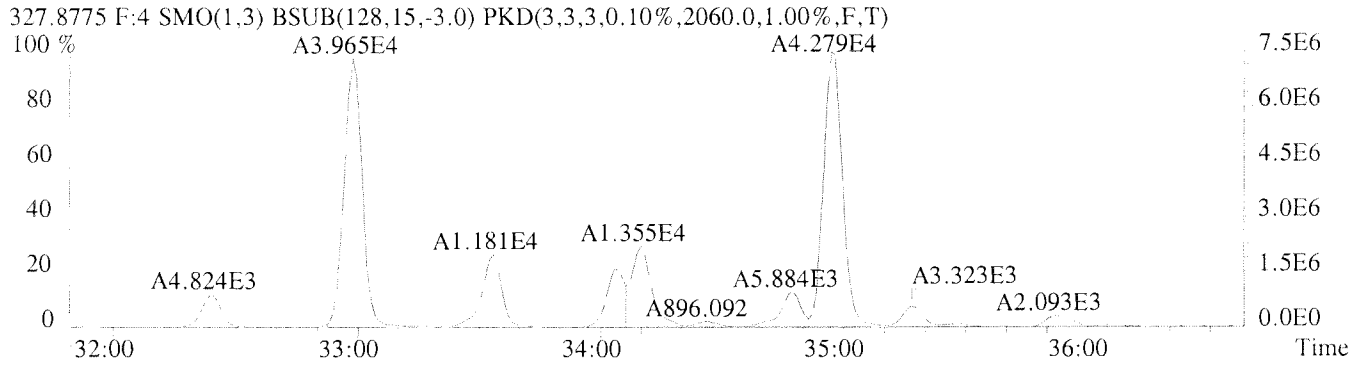
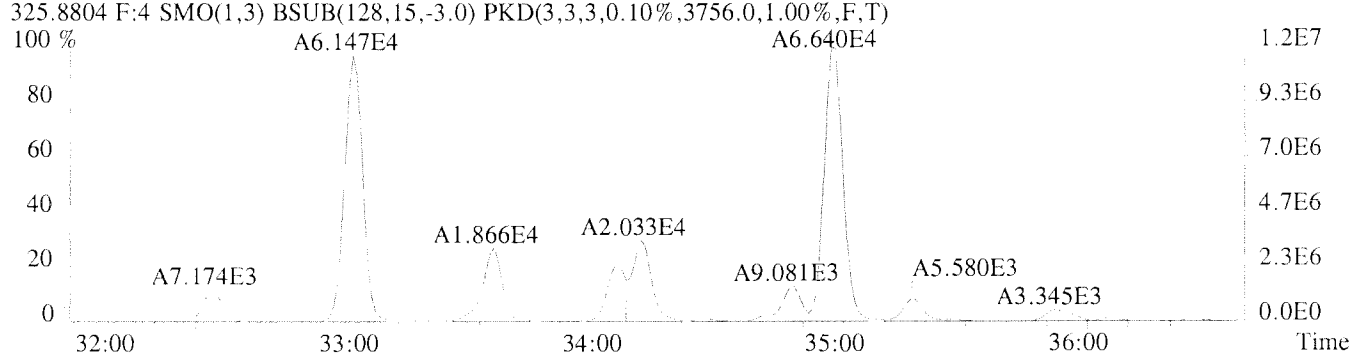


291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5956.0,1.00%,F,T)

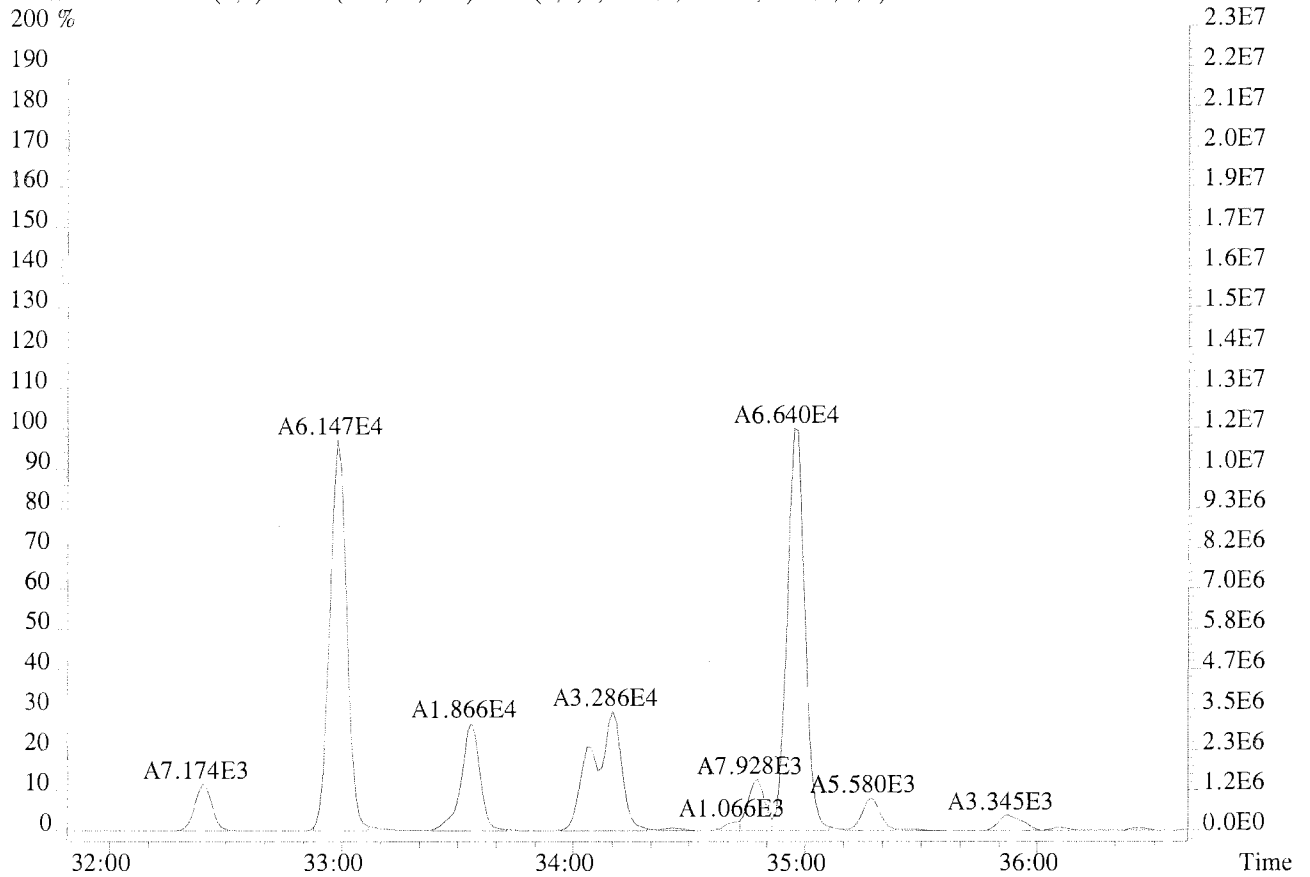




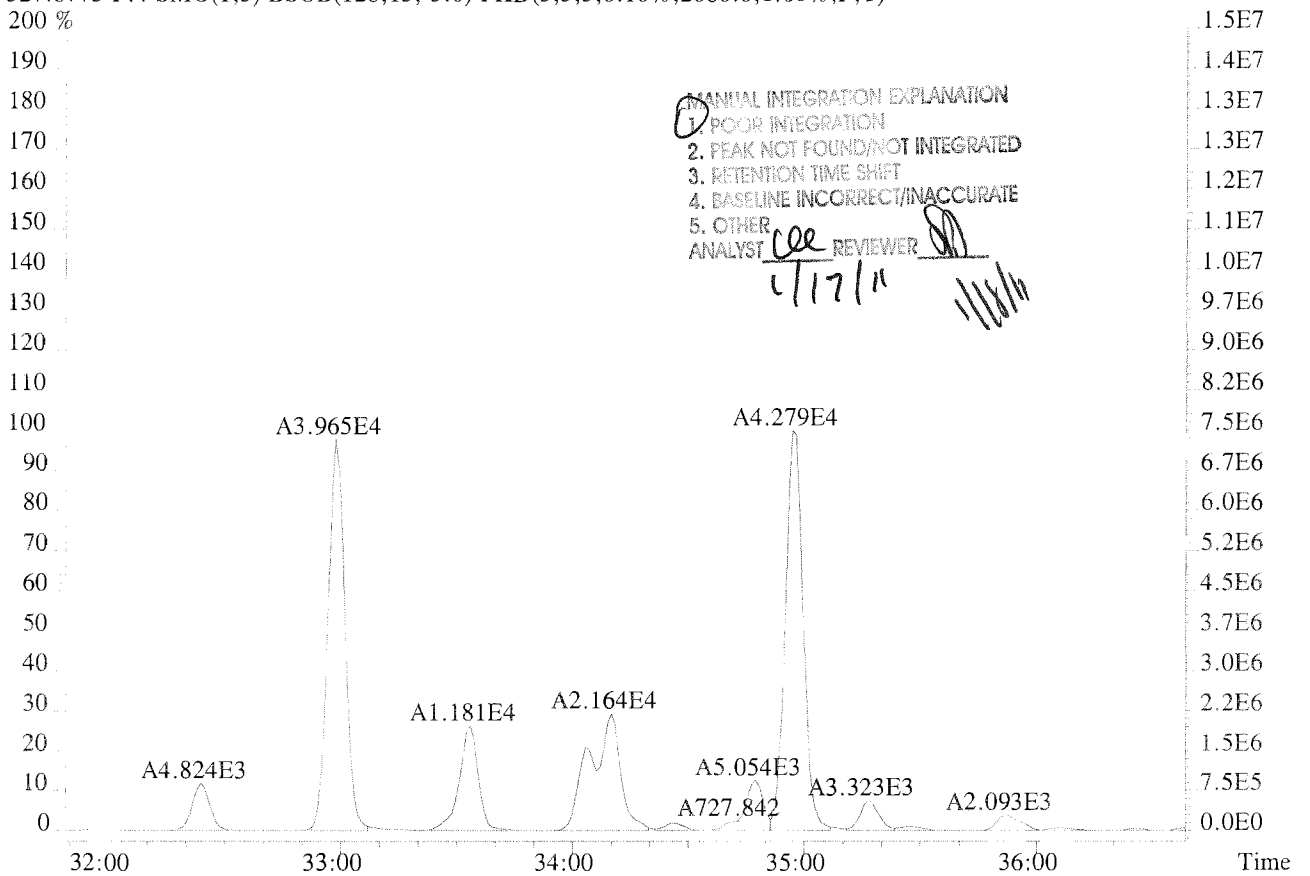
File:U224754 #1-309 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-005 USENN/S041



File:U224754 #1-309 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-005 USENN/S041
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3756.0,1.00%,F,T)
 200 %

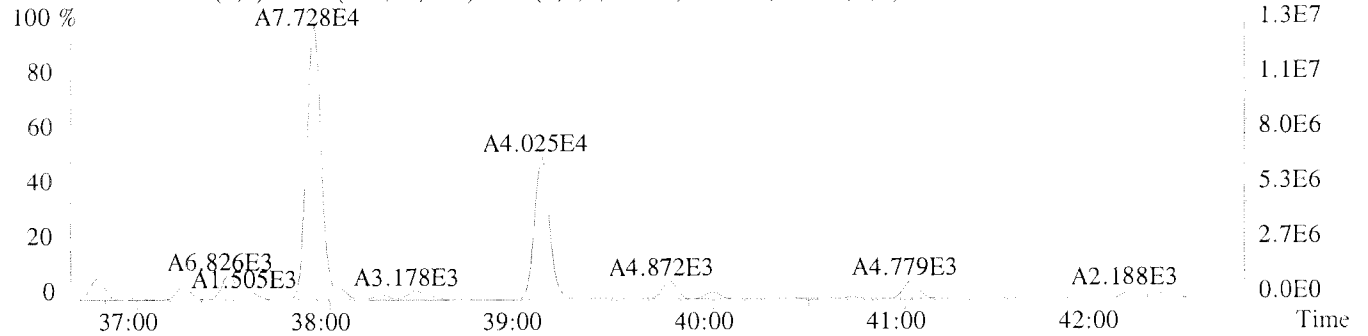


327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2060.0,1.00%,F,T)
 200 %

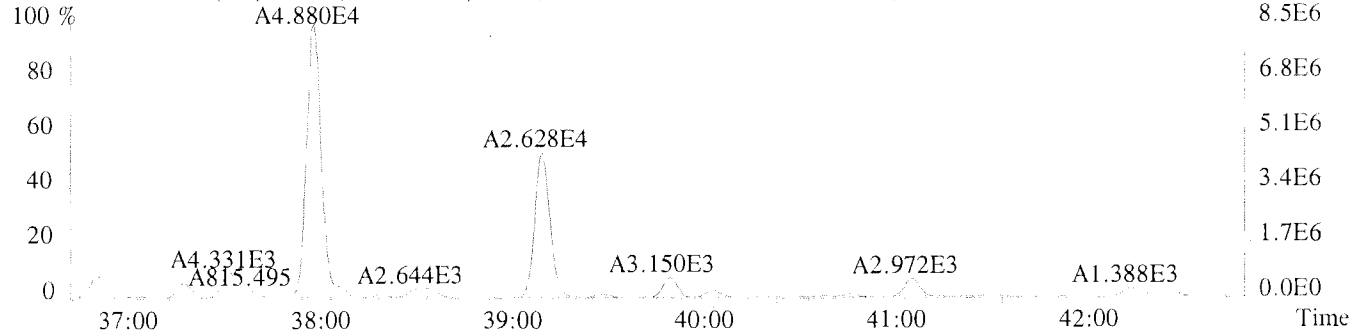


File:U224754 #1-391 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-005 USENN/S041

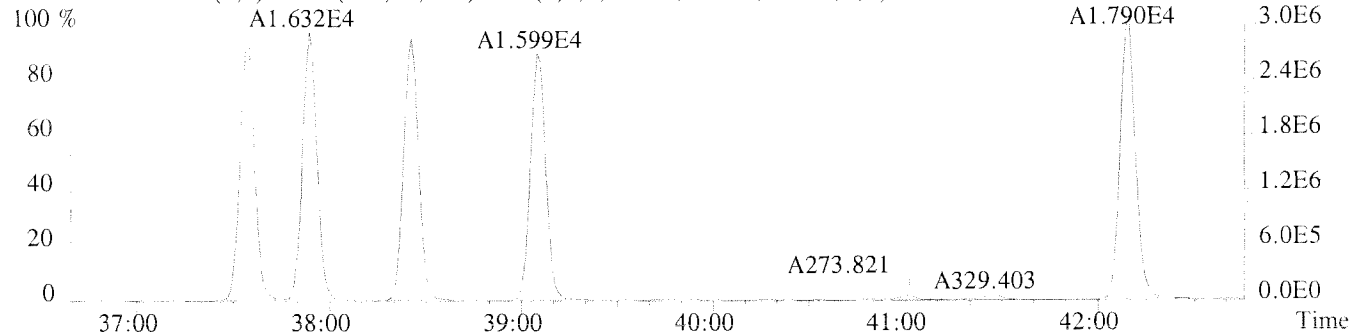
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,31600.0,1.00%,F,T)



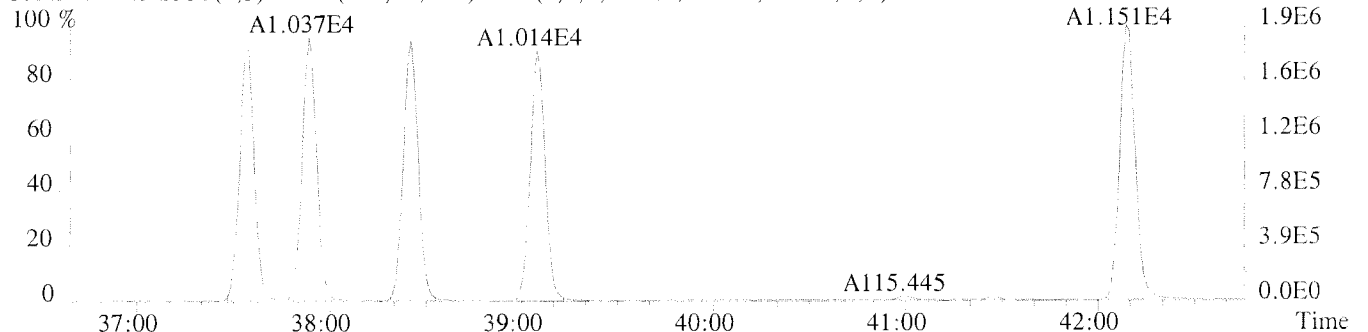
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,35364.0,1.00%,F,T)



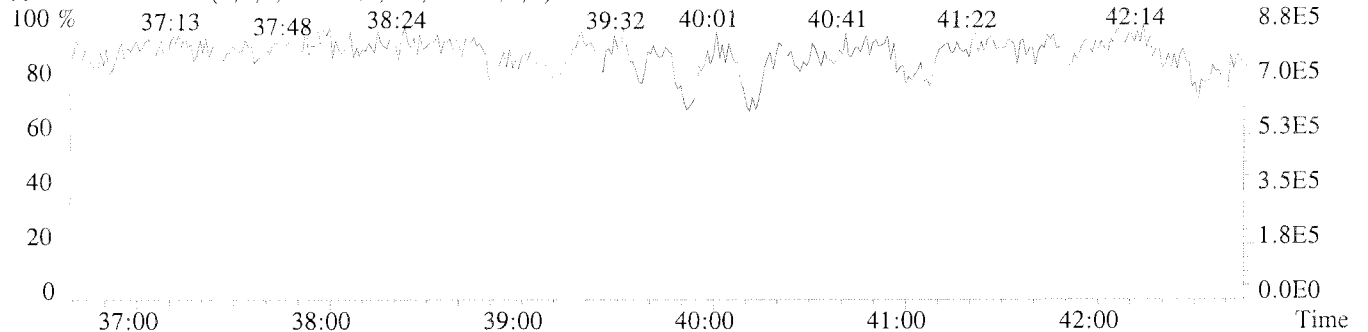
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4776.0,1.00%,F,T)



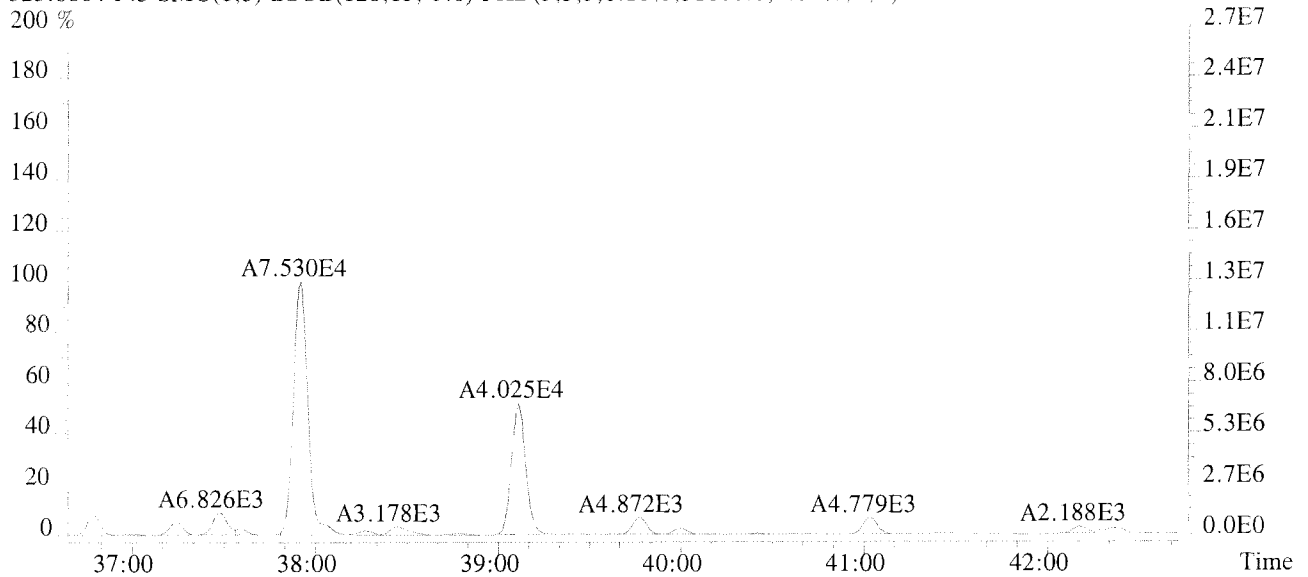
339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3928.0,1.00%,F,T)



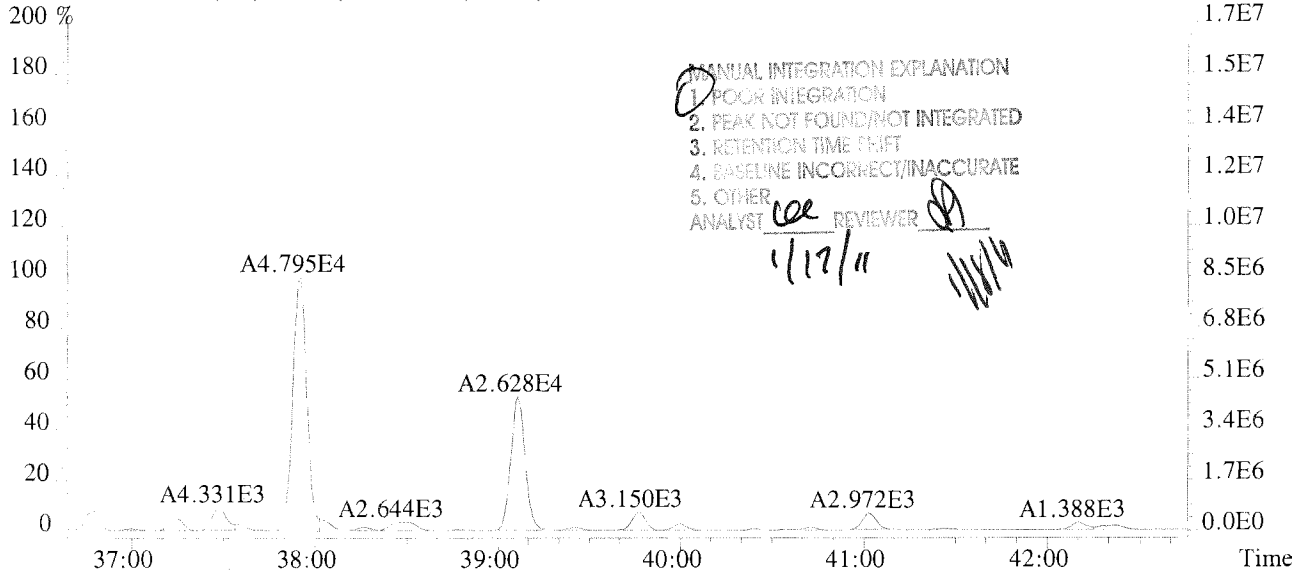
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



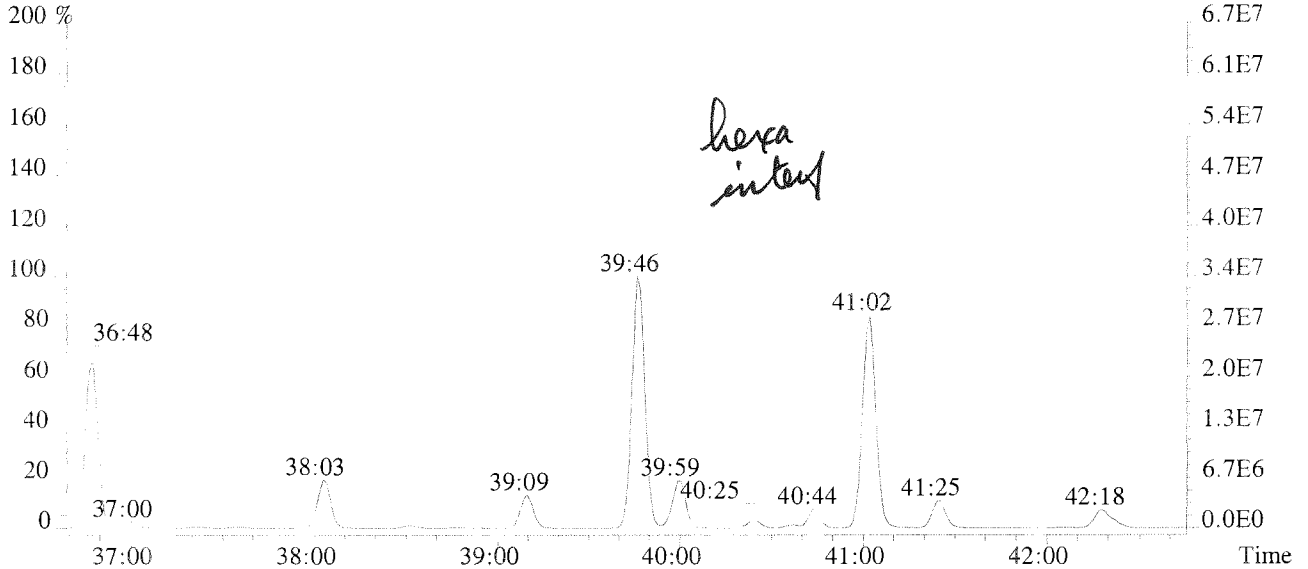
File:U224754 #1-391 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-005 USENN/S041
 325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,31600,0,1.00%,F,T)
 200 %



327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,35364,0,1.00%,F,T)



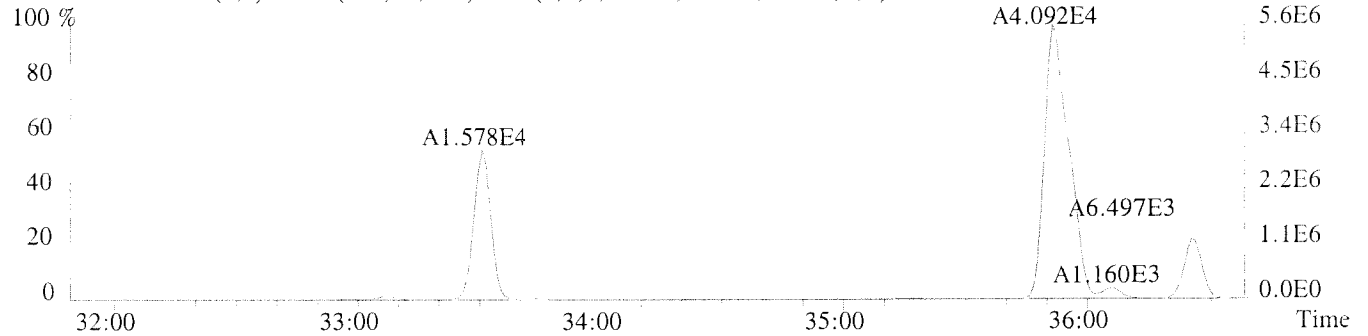
359.8415 F:5



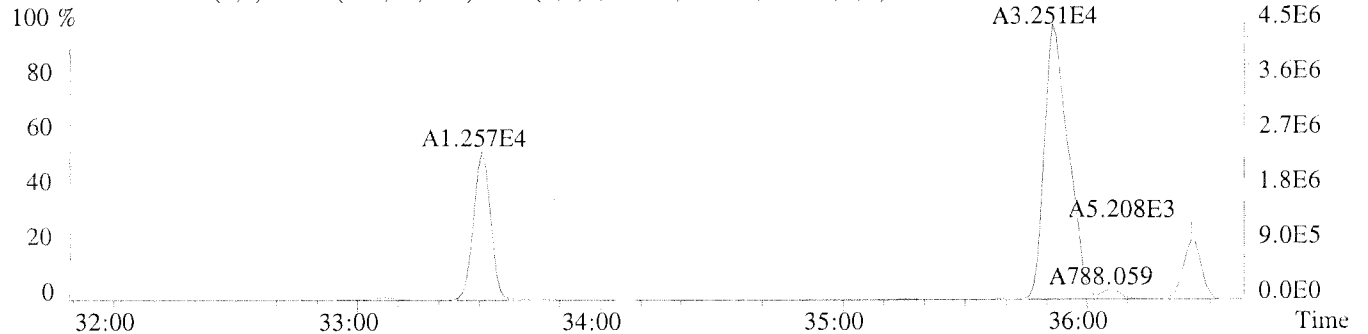
File:U224754 #1-309 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-005 USENN/S041

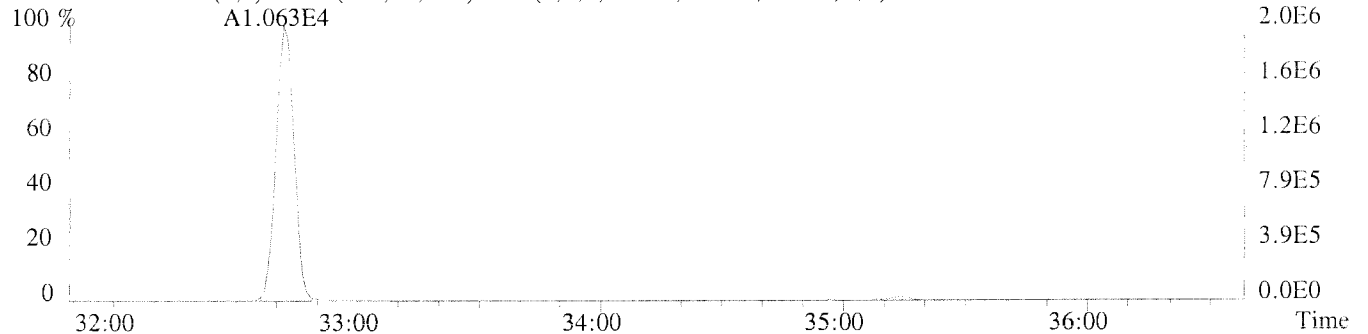
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2572.0,1.00%,F,T)



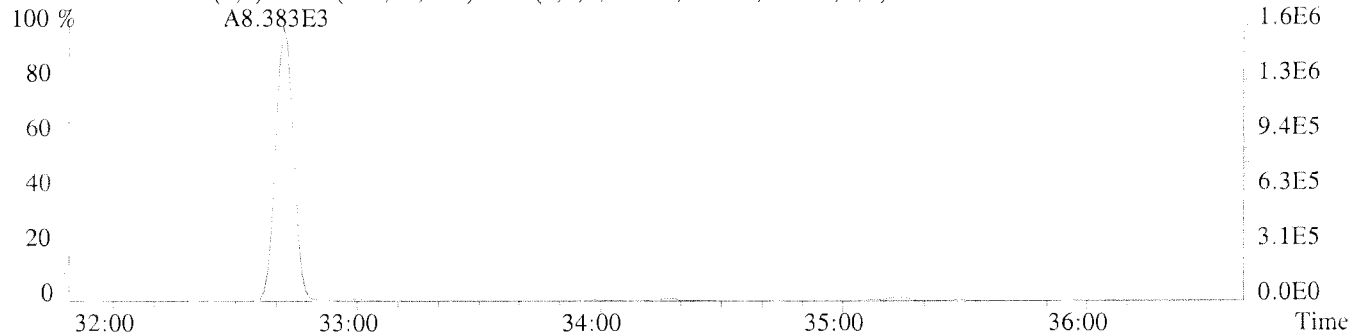
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2544.0,1.00%,F,T)



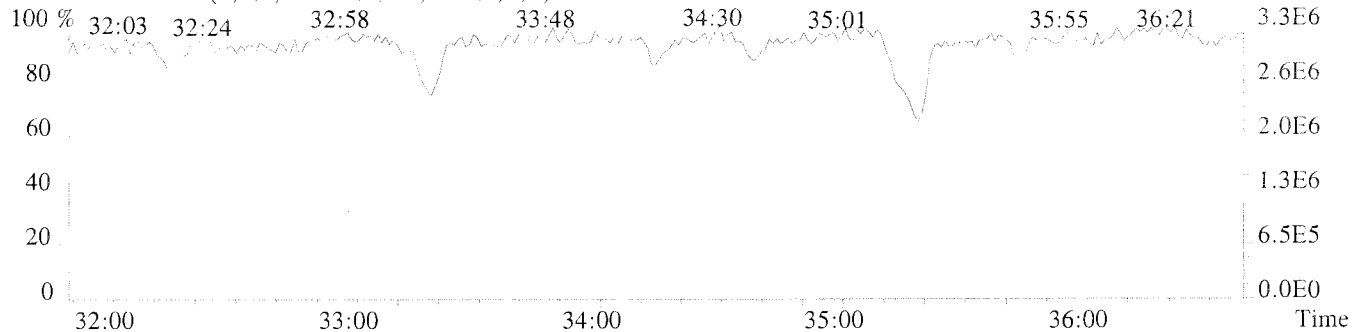
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1480.0,1.00%,F,T)



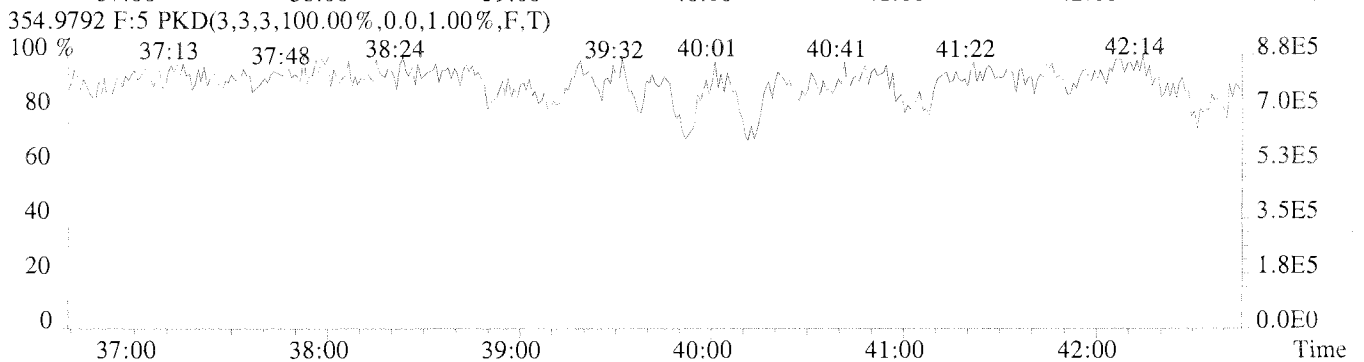
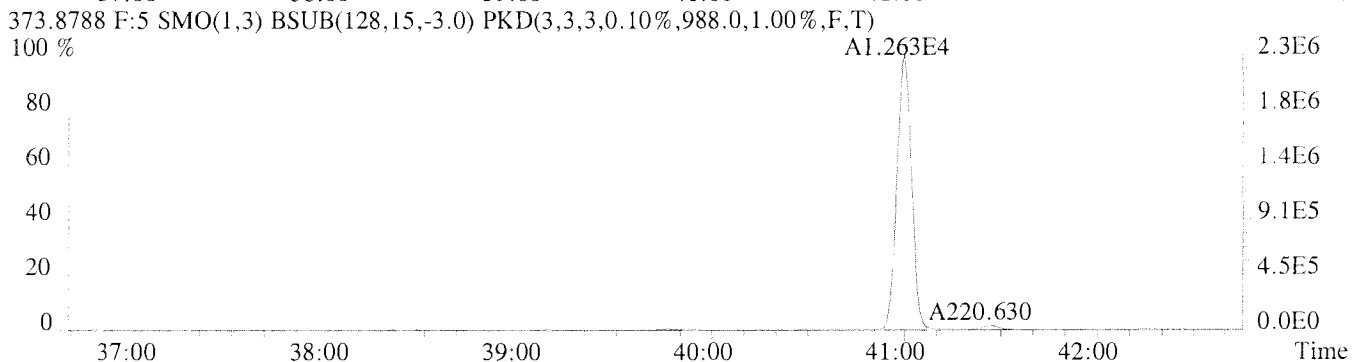
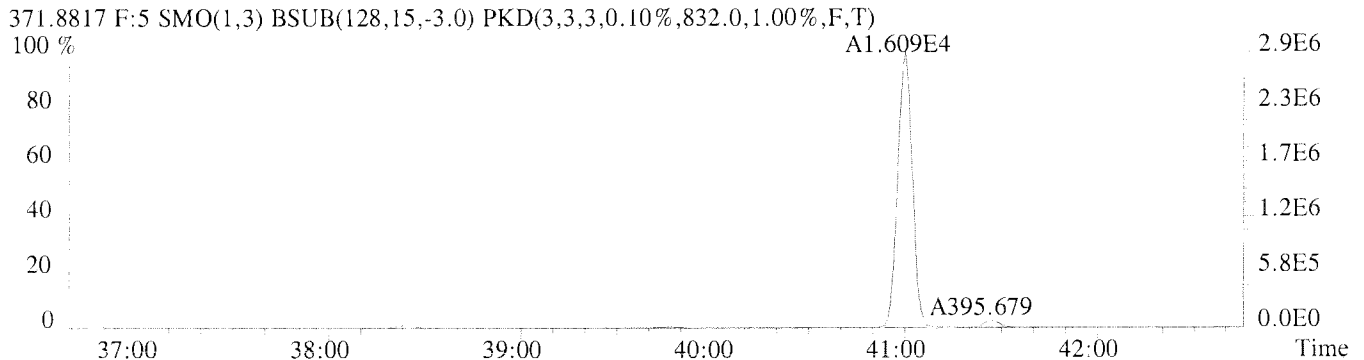
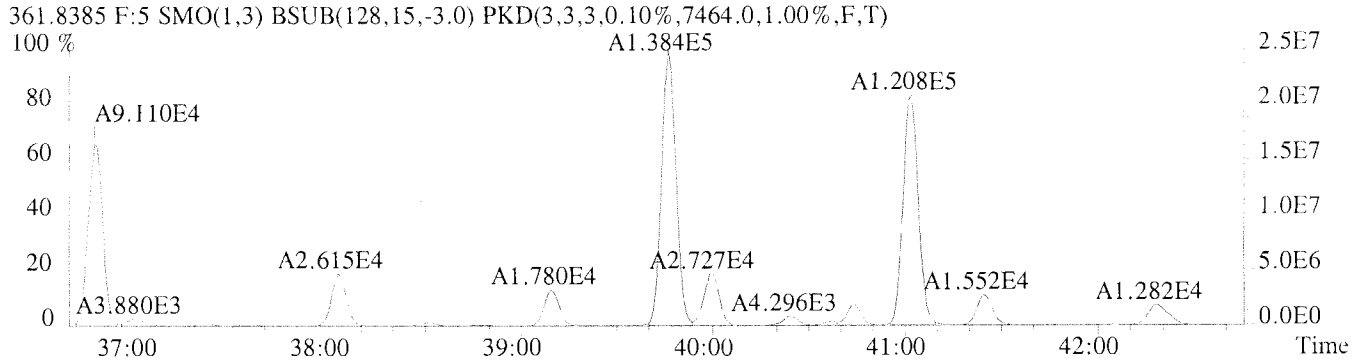
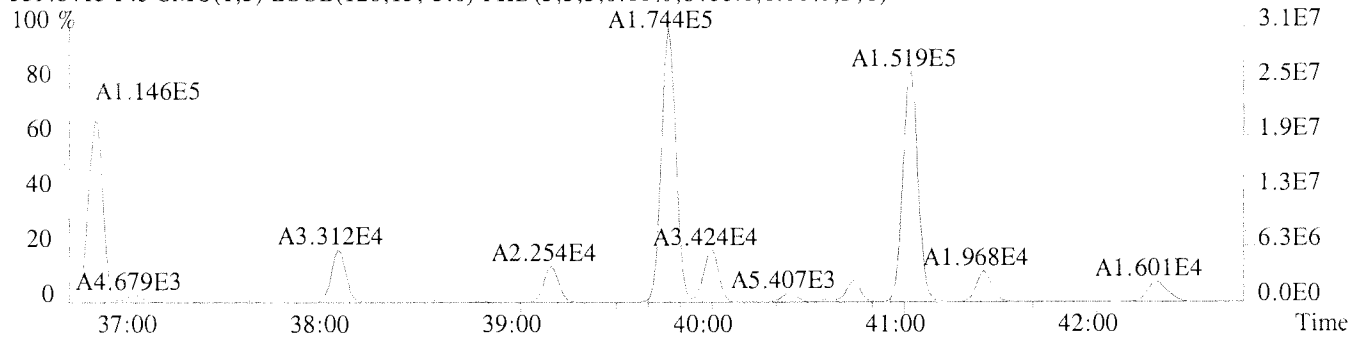
373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1344.0,1.00%,F,T)



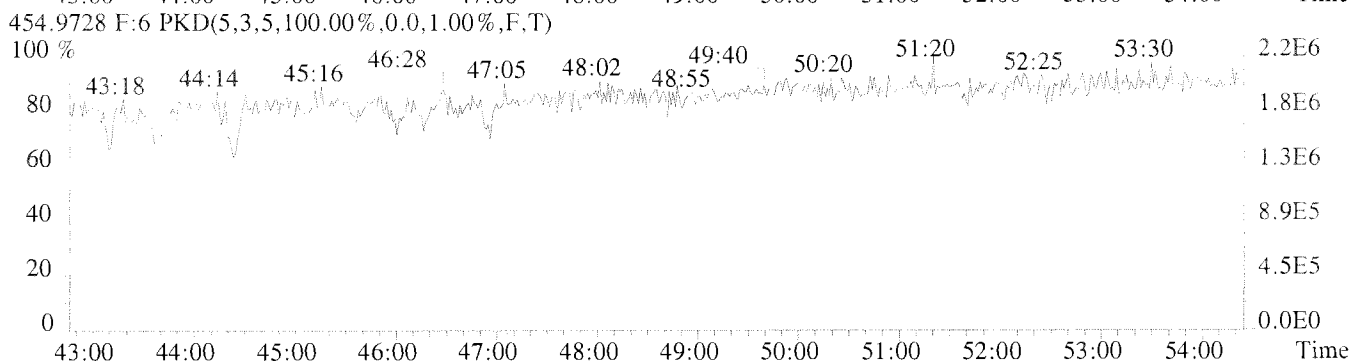
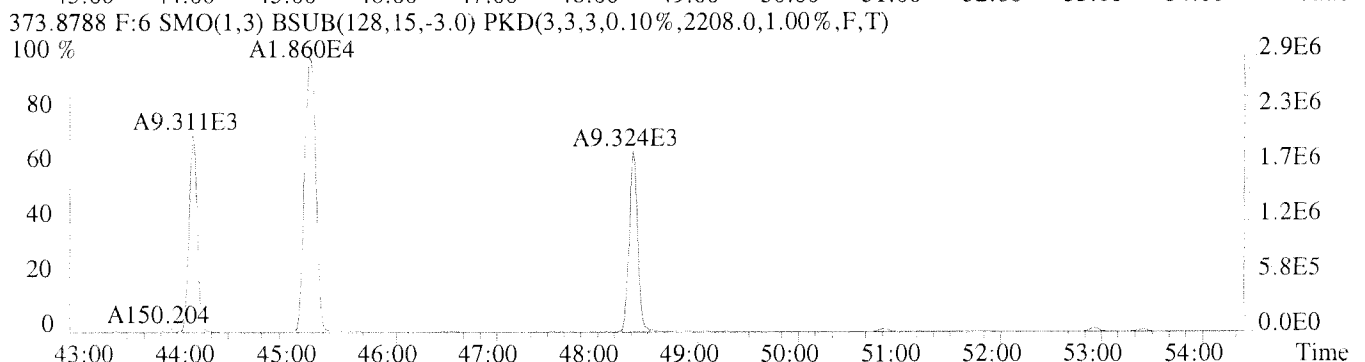
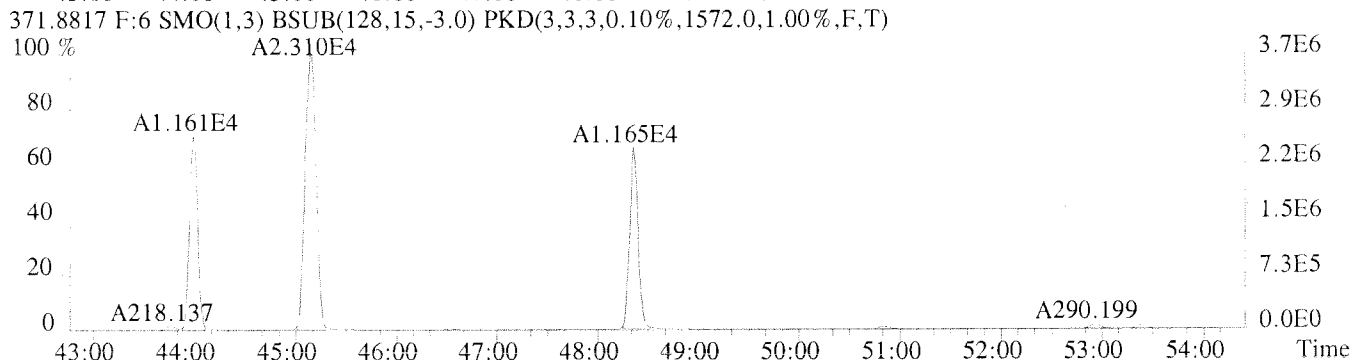
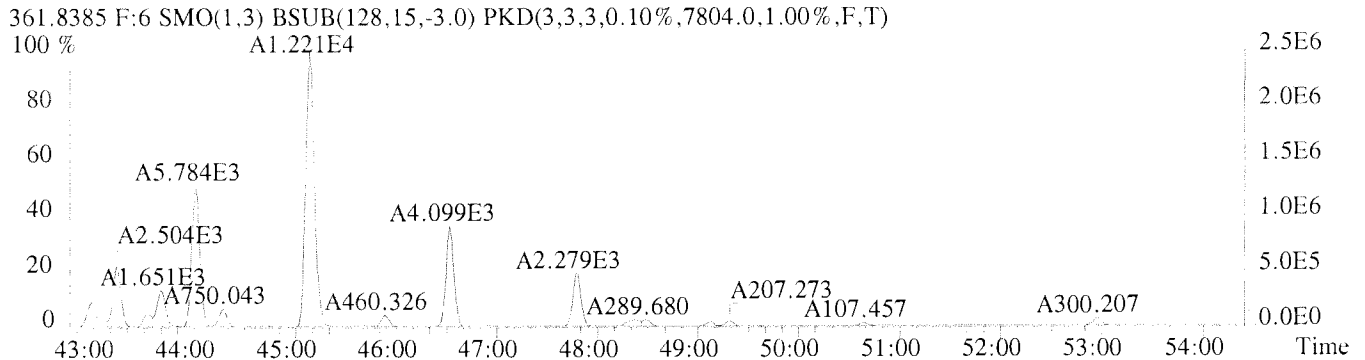
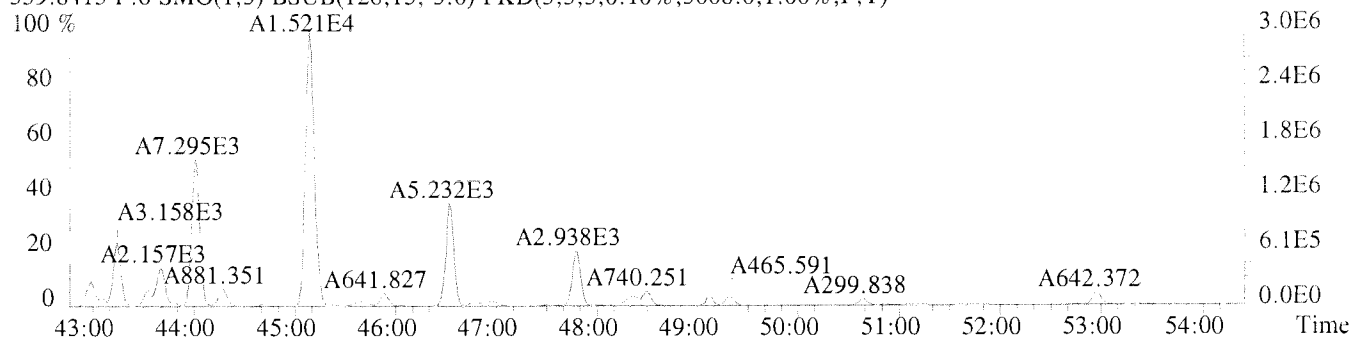
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



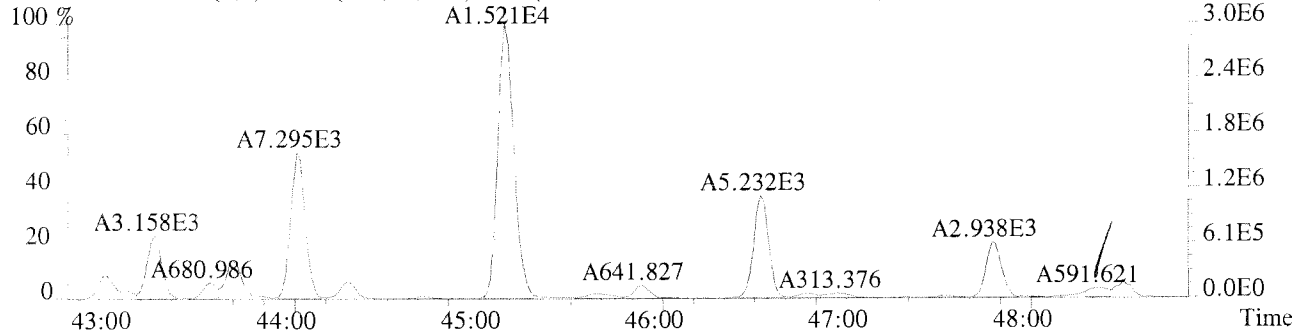
File:U224754 #1-391 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-005 USENN/S041
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8488.0,1.00%,F,T)



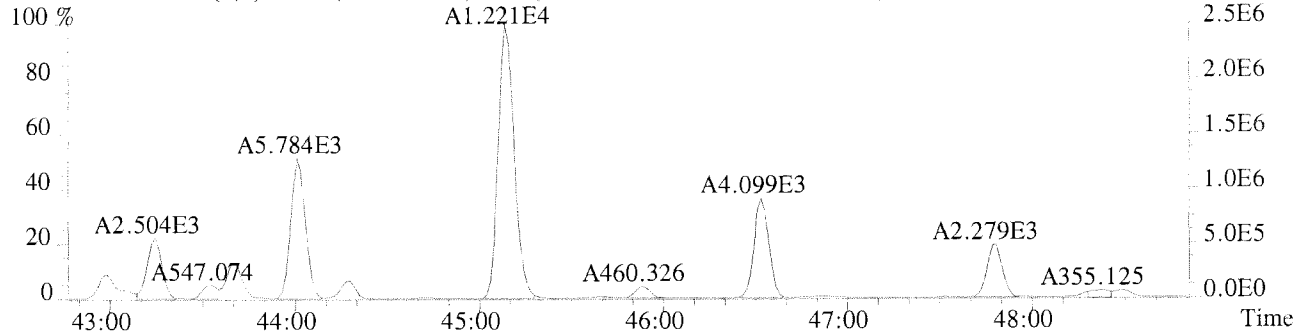
File:U224754 #1-577 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-005 USENN/S041
 359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3008.0,1.00%,F,T)
 100 % A1.521E4



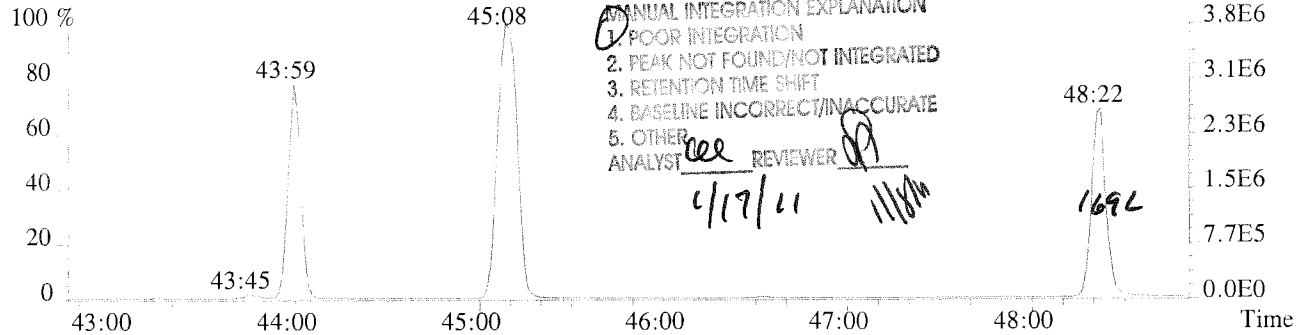
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3008.0,1.00%,F,T)



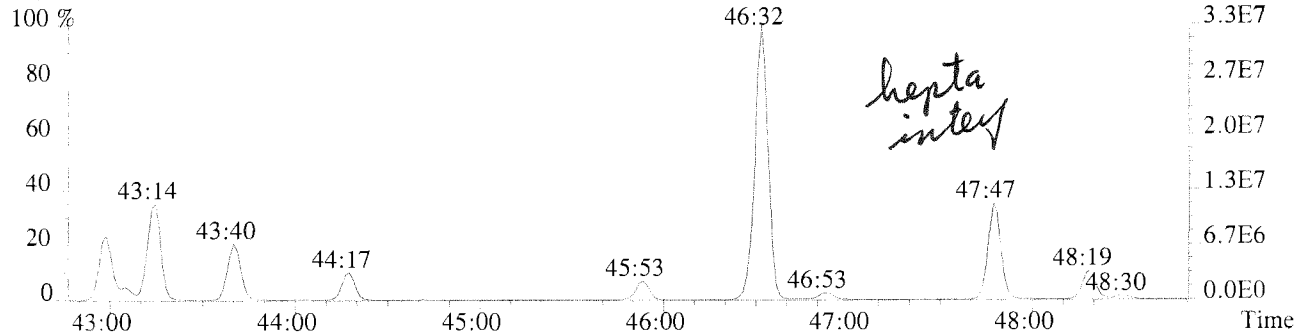
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7804.0,1.00%,F,T)



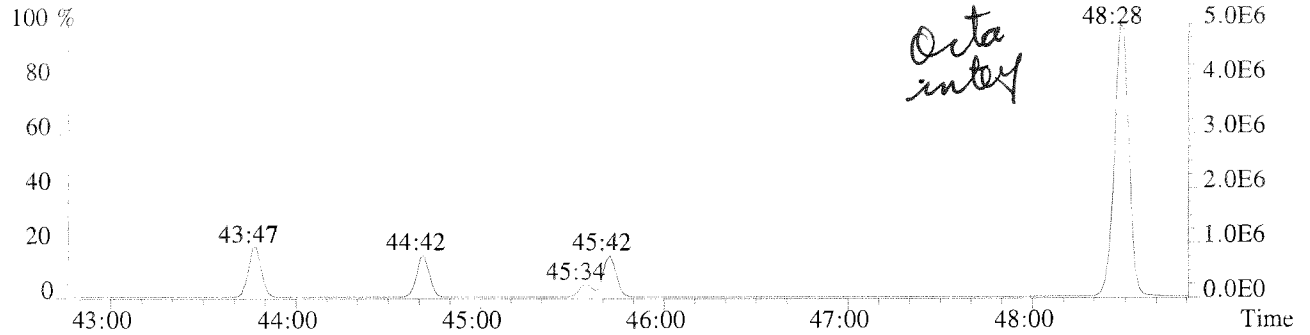
371.8817 F:6



393.8025 F:6



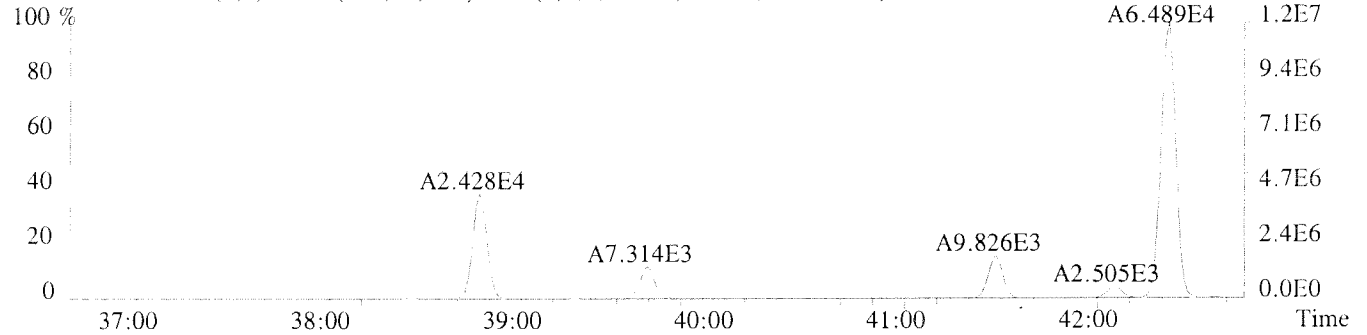
427.7635 F:6



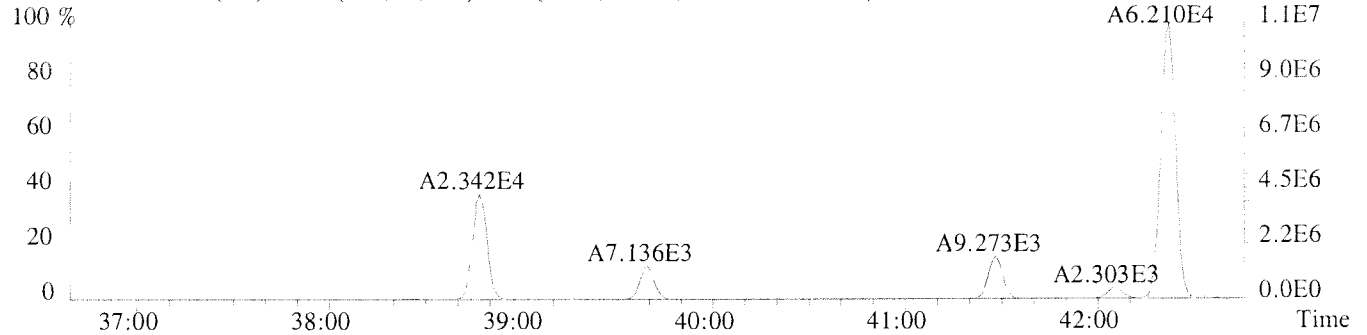
File:U224754 #1-391 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-005 USENN/S041

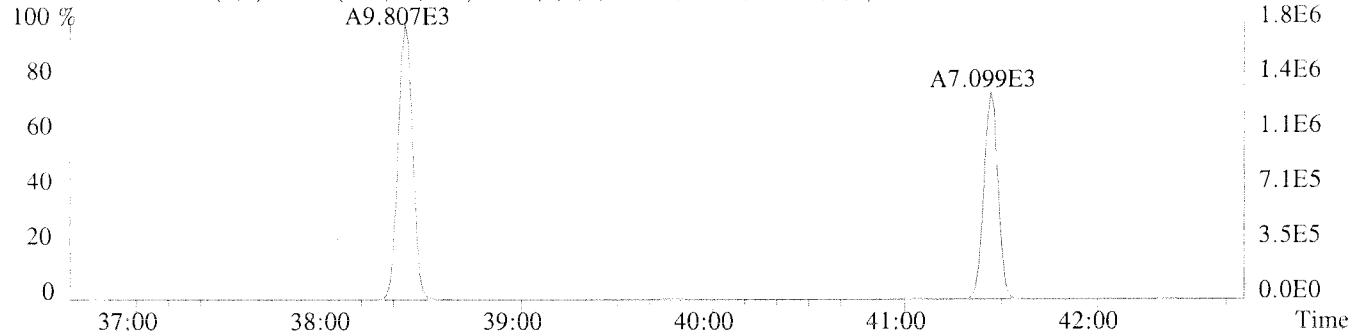
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1012.0,1.00%,F,T)



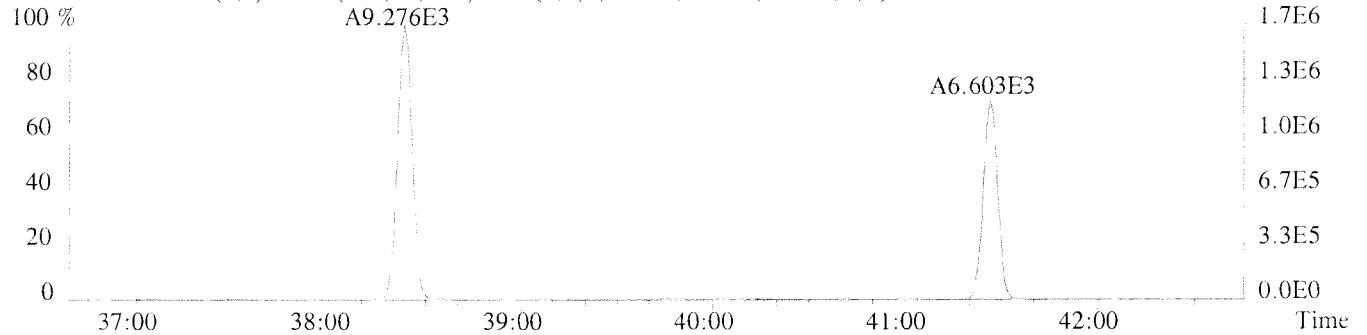
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,644.0,1.00%,F,T)



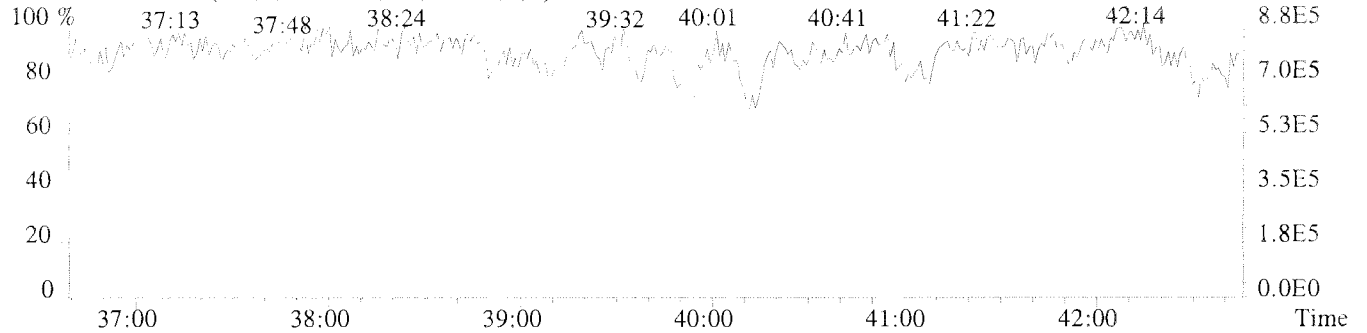
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,948.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1312.0,1.00%,F,T)



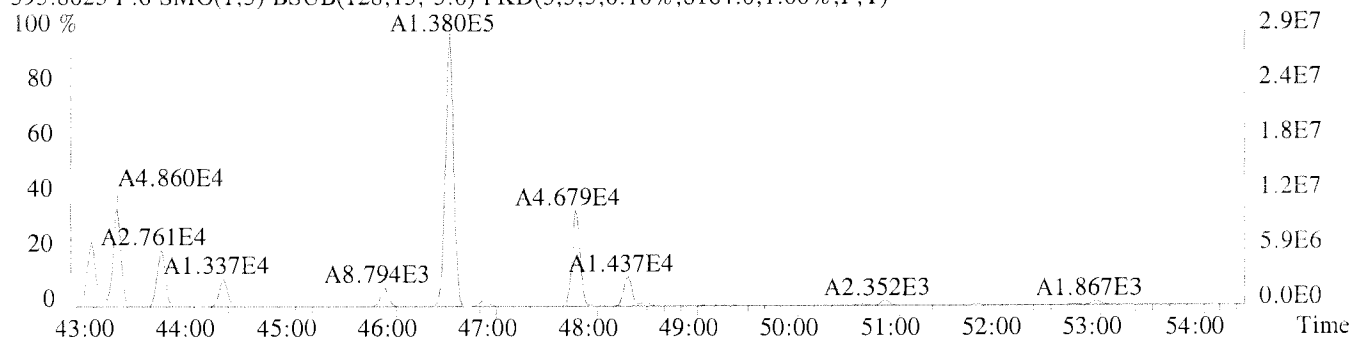
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



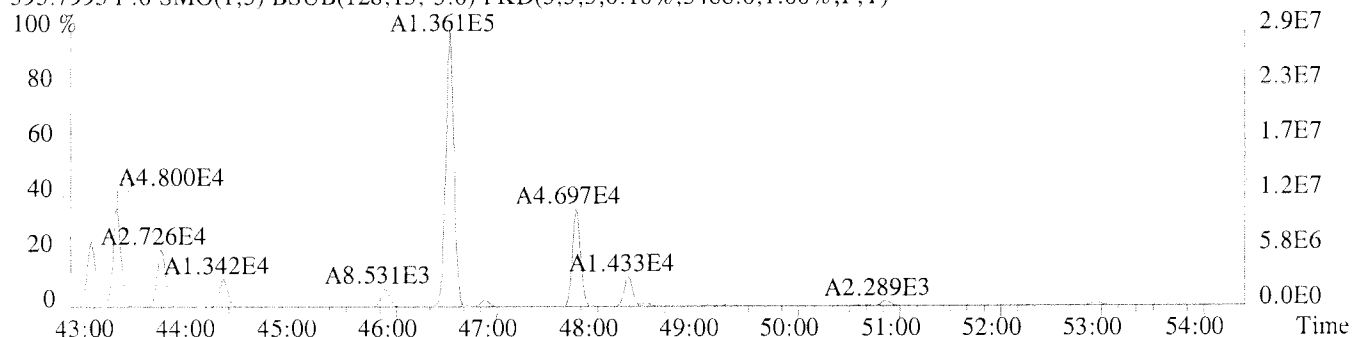
File:U224754 #1-577 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-005 USENN/S041

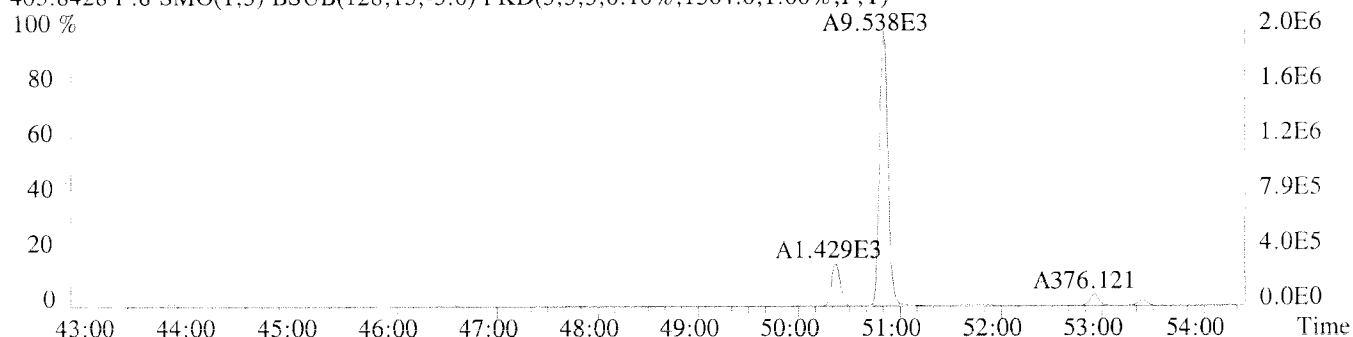
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8164.0,1.00%,F,T)



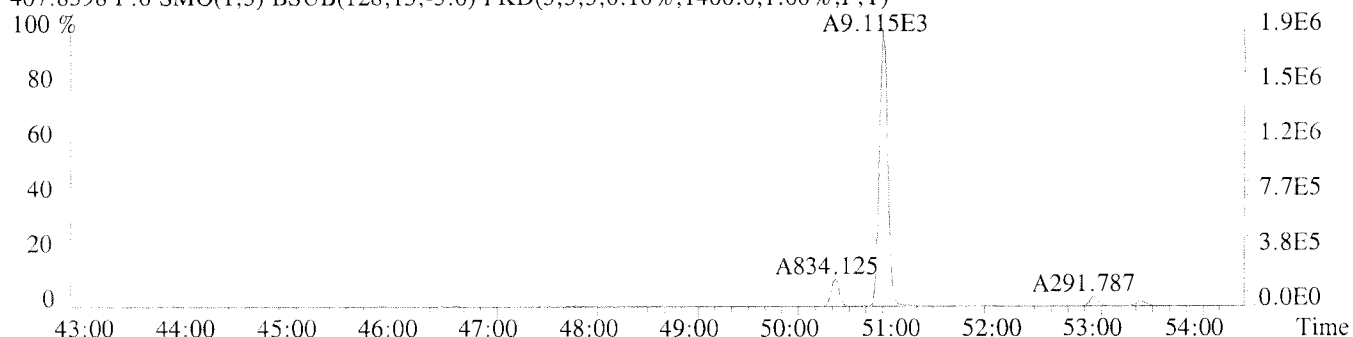
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5488.0,1.00%,F,T)



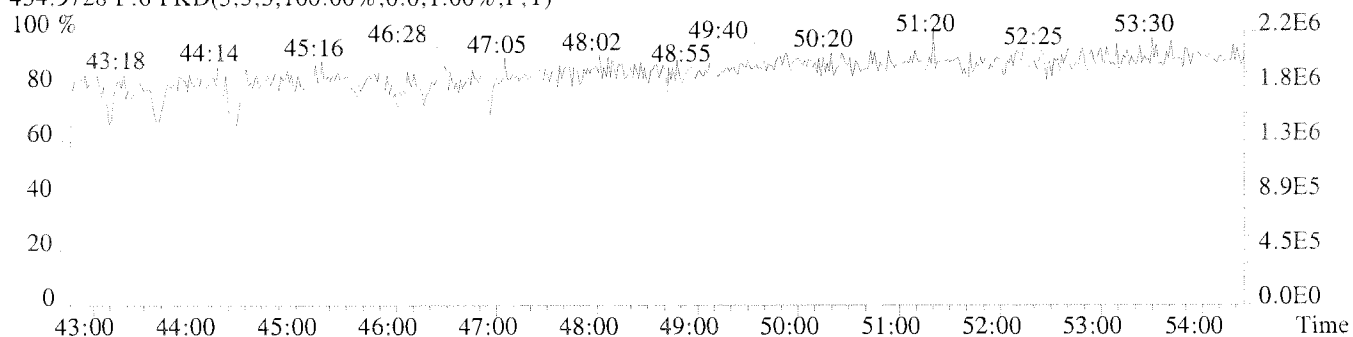
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1564.0,1.00%,F,T)



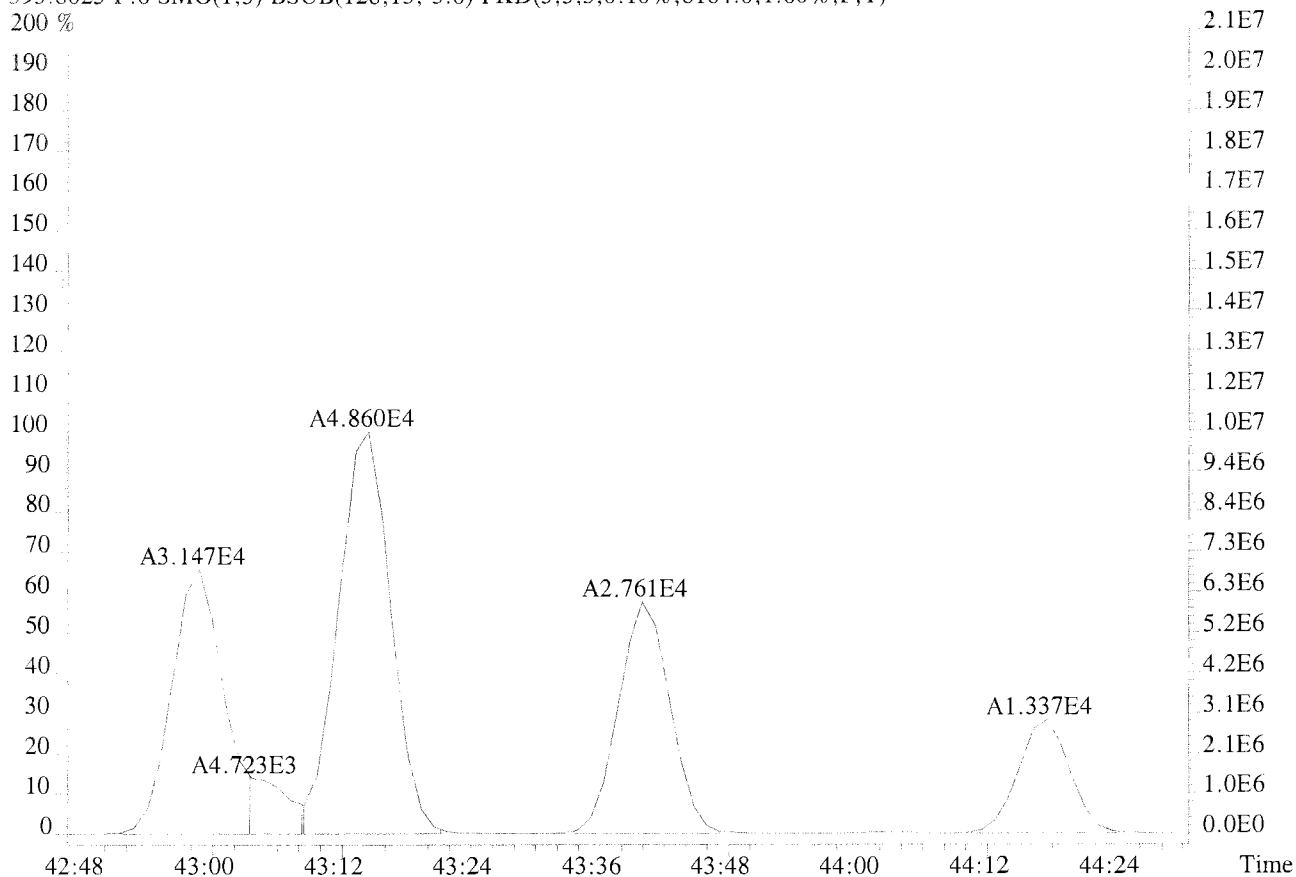
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1400.0,1.00%,F,T)



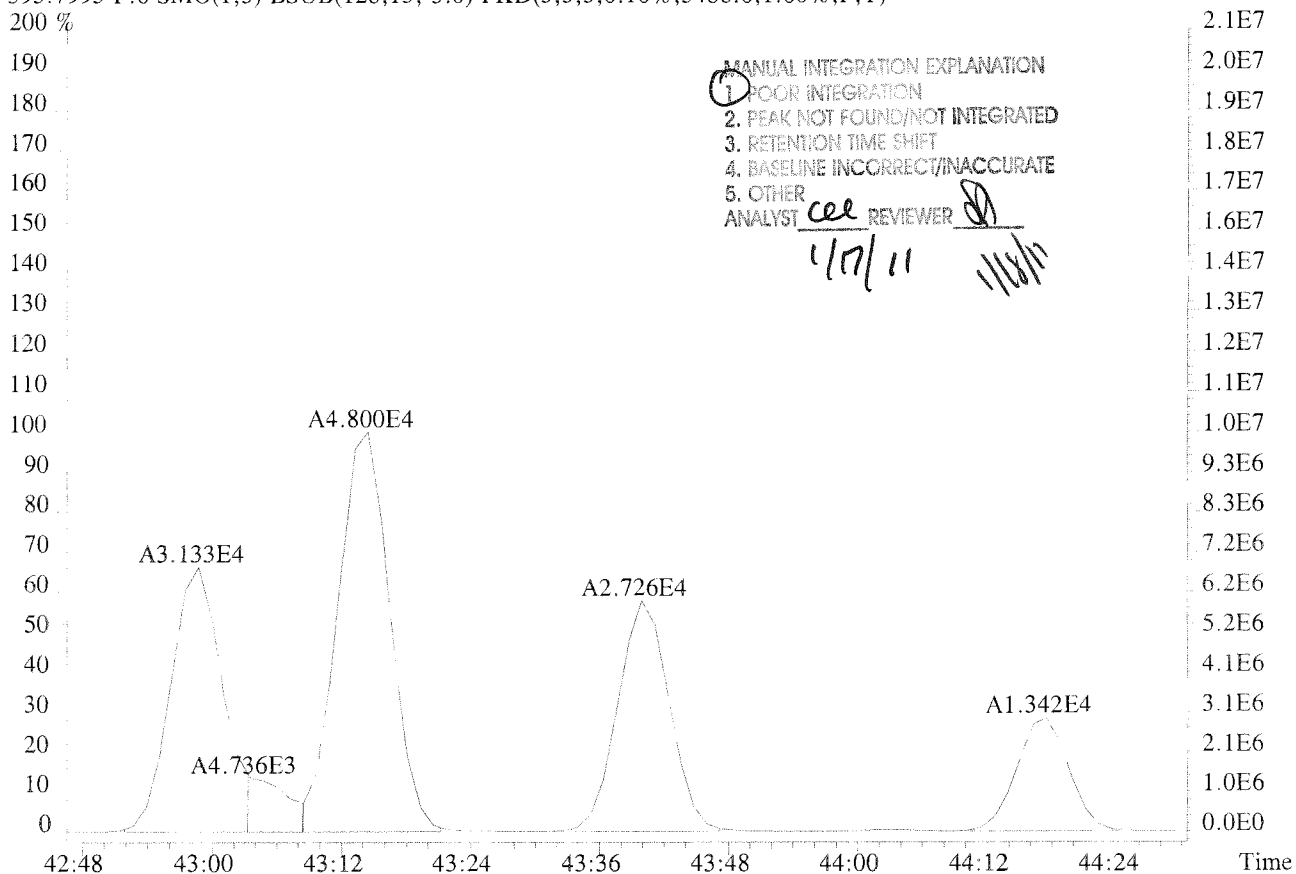
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



File:U224754 #1-577 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-005 USENN/S041
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3.0.10%,8164.0,1.00%,F,T)
 200 %



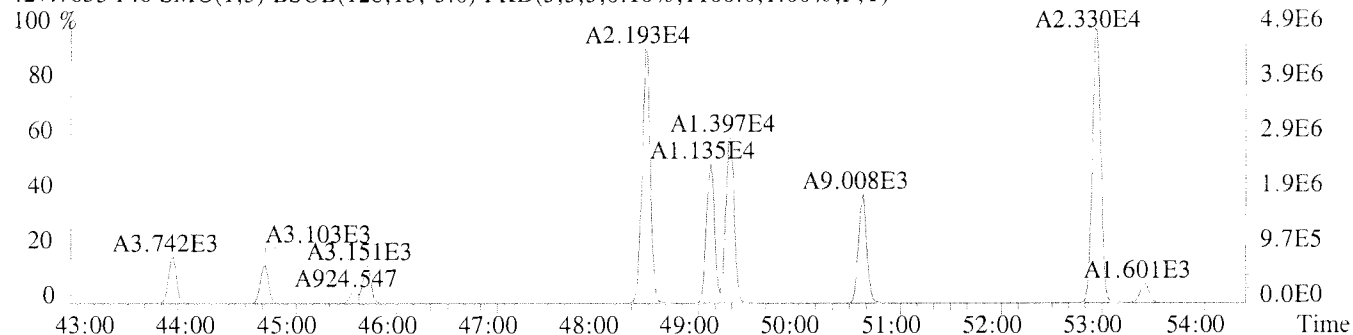
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3.0.10%,5488.0,1.00%,F,T)
 200 %



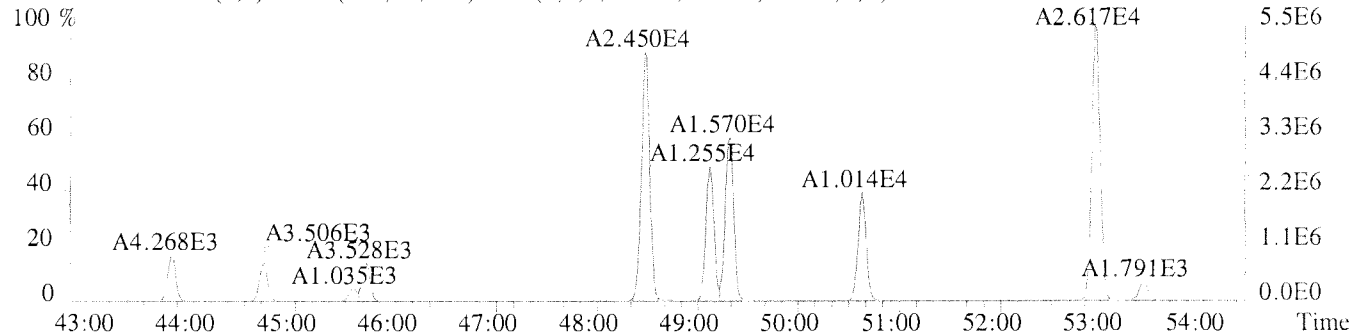
File:U224754 #1-577 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-005 USENN/S041

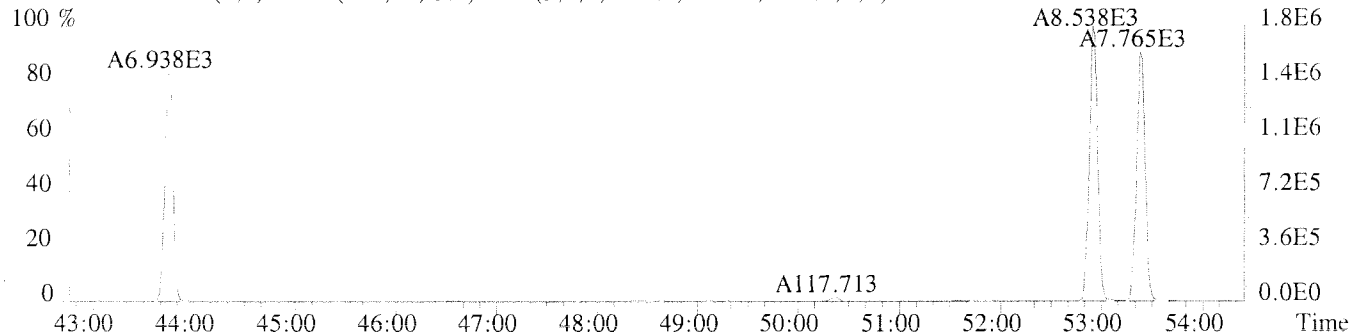
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1100.0,1.00%,F,T)



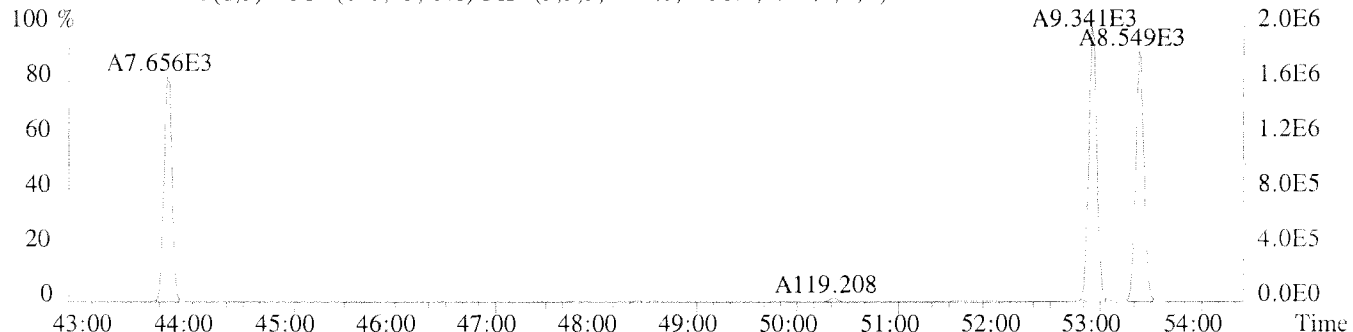
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1404.0,1.00%,F,T)



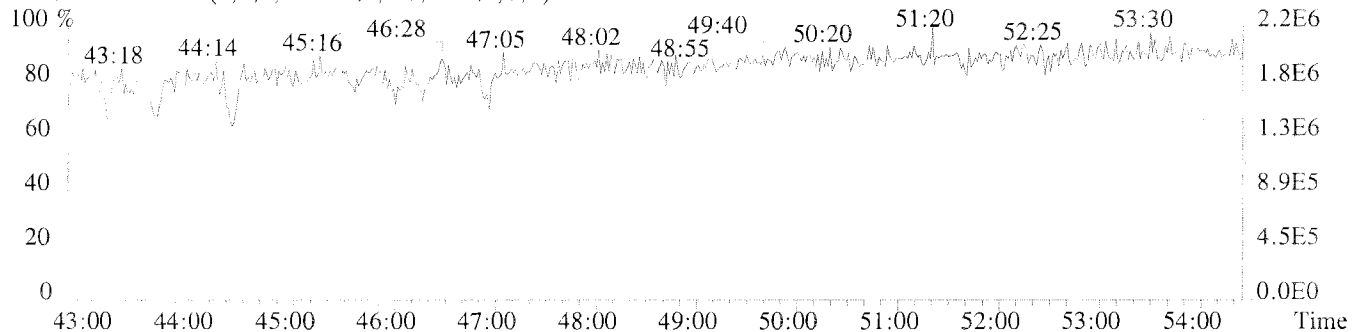
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1432.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1036.0,1.00%,F,T)



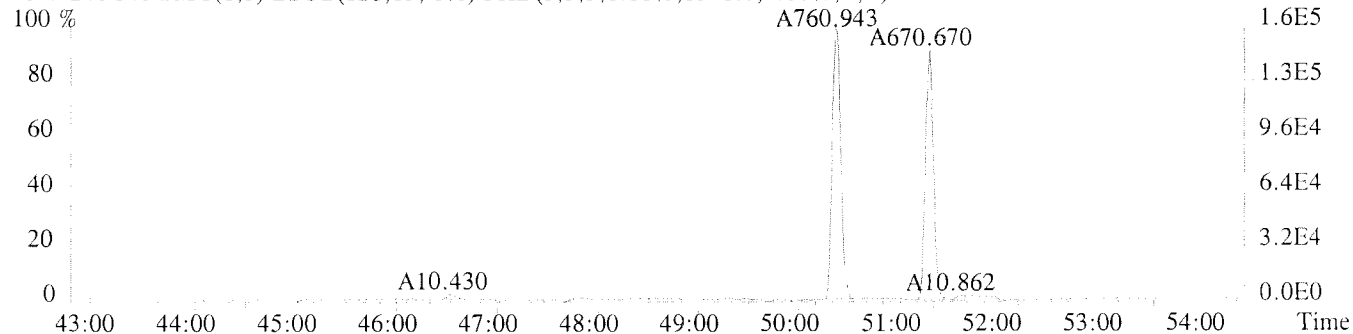
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



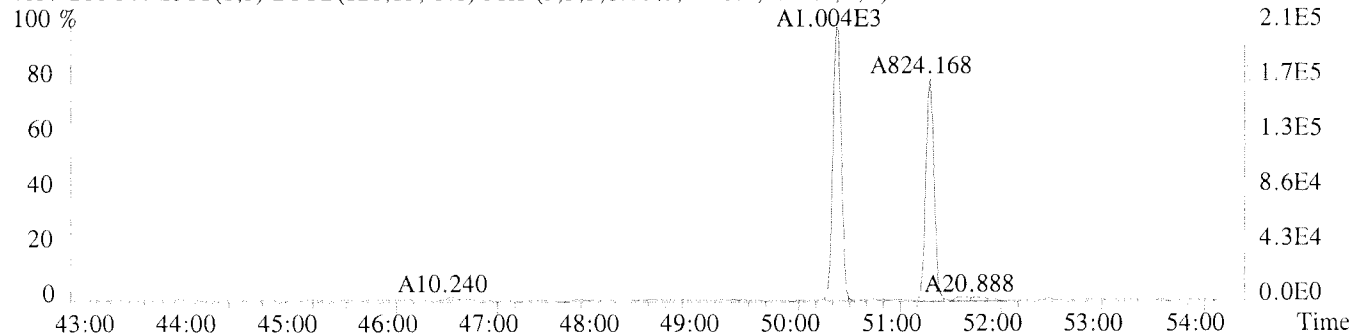
File:U224754 #1-577 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-005 USENN/S041

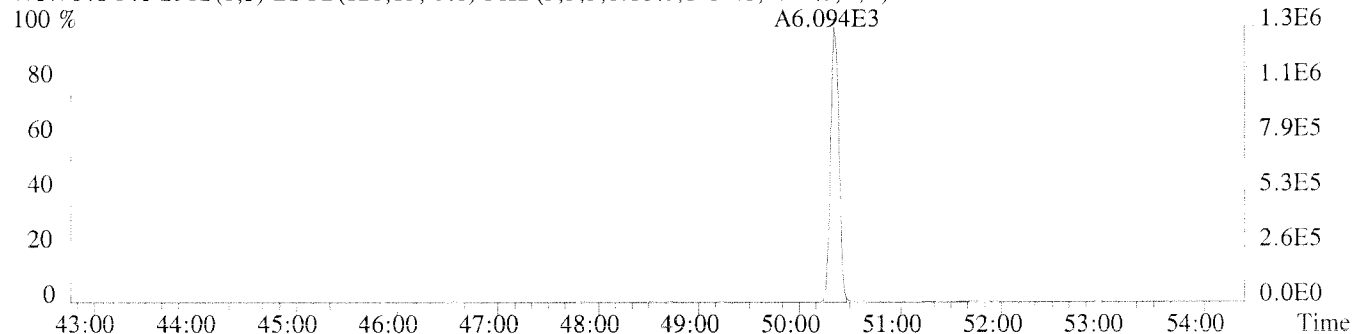
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1340.0,1.00%,F,T)



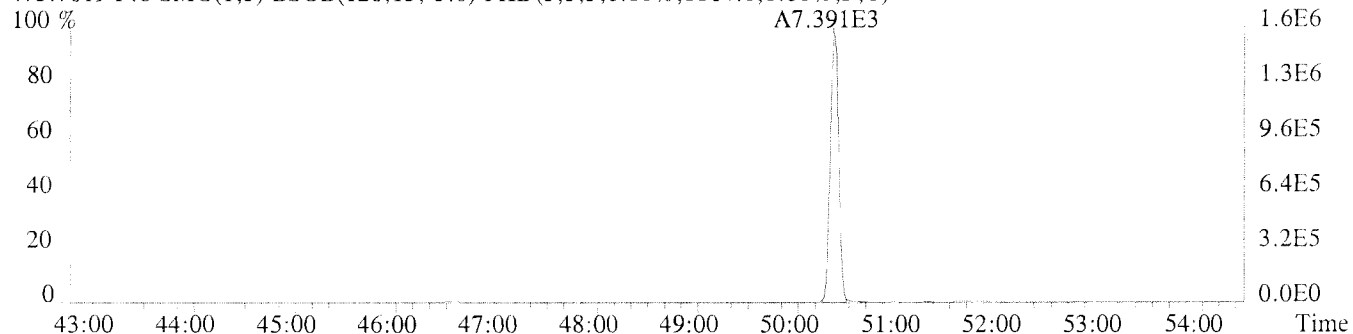
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1008.0,1.00%,F,T)



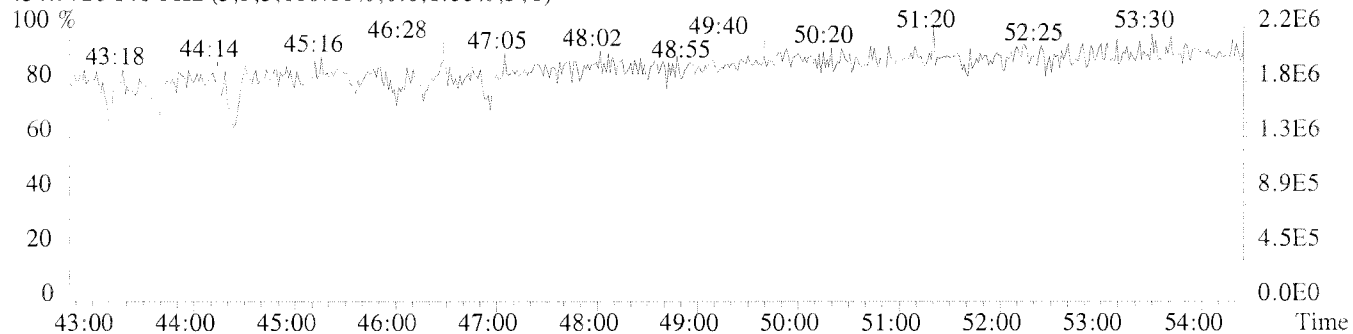
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1252.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1164.0,1.00%,F,T)



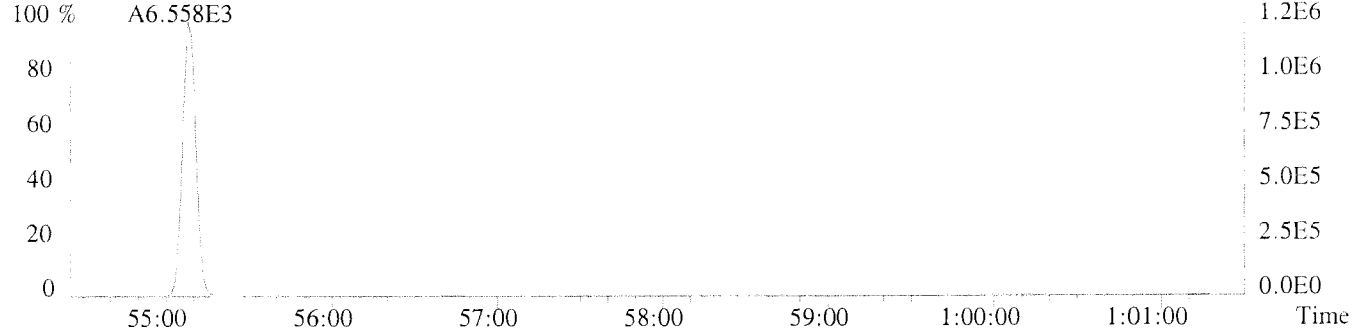
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



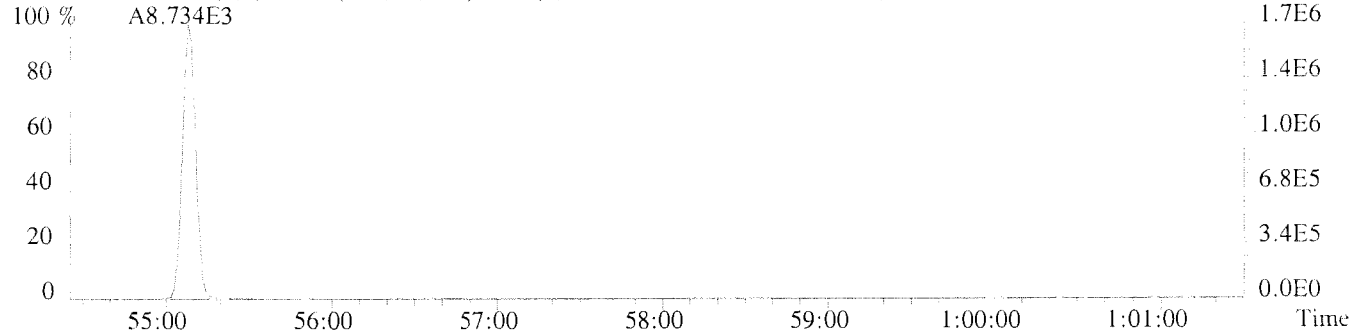
File:U224754 #1-400 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-005 USENN/S041

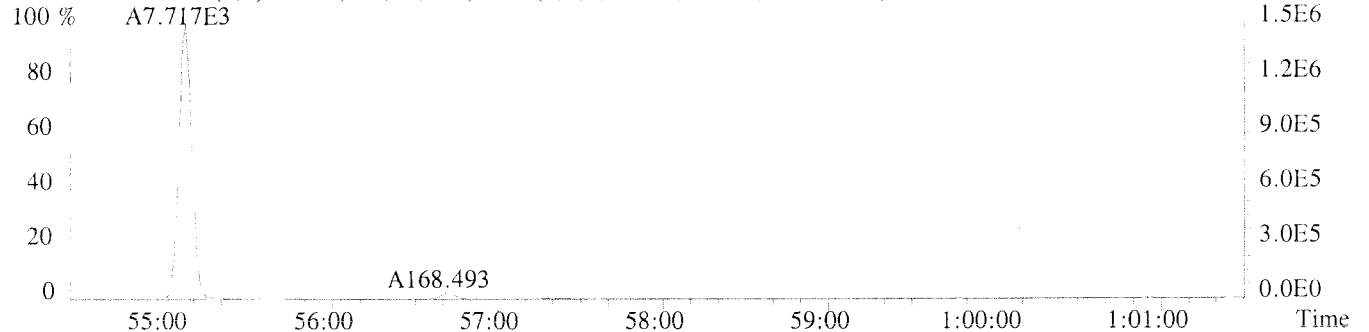
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1212.0,1.00%,F,T)



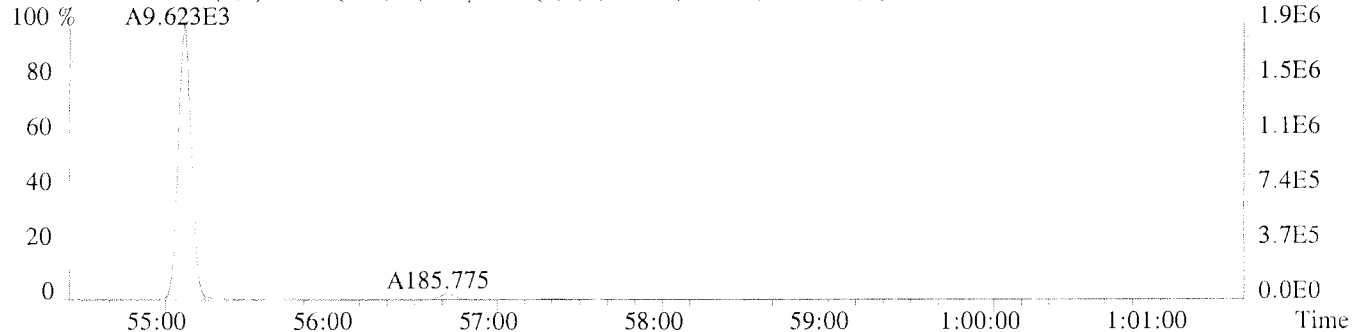
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1544.0,1.00%,F,T)



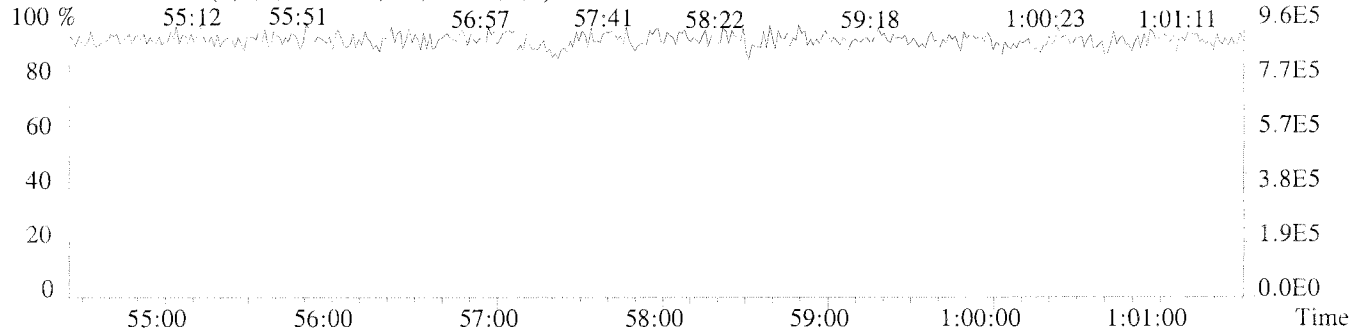
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1364.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1052.0,1.00%,F,T)



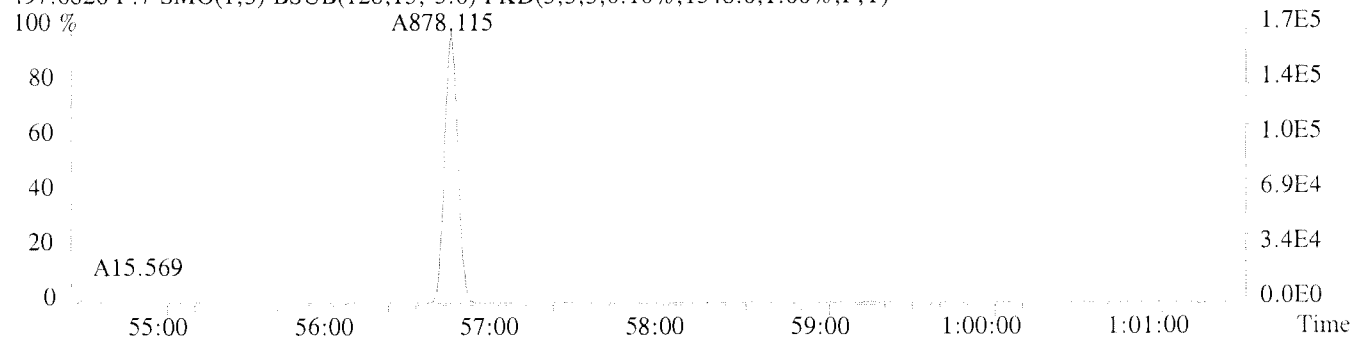
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



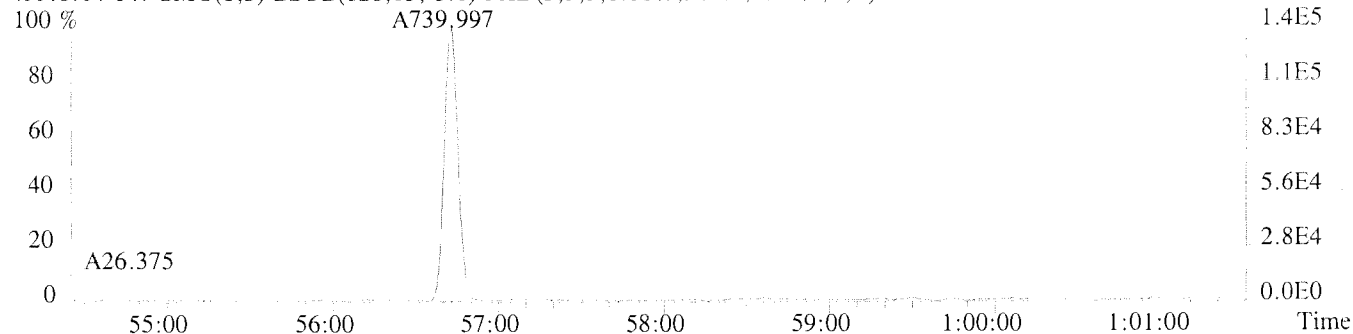
File:U224754 #1-400 Acq:15-JAN-2011 01:58:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-005 USENN/S041

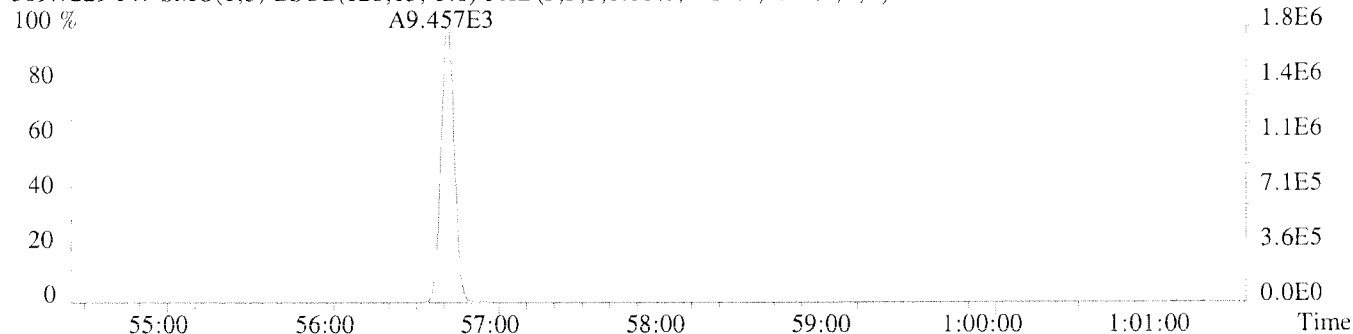
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1348.0,1.00%,F,T)



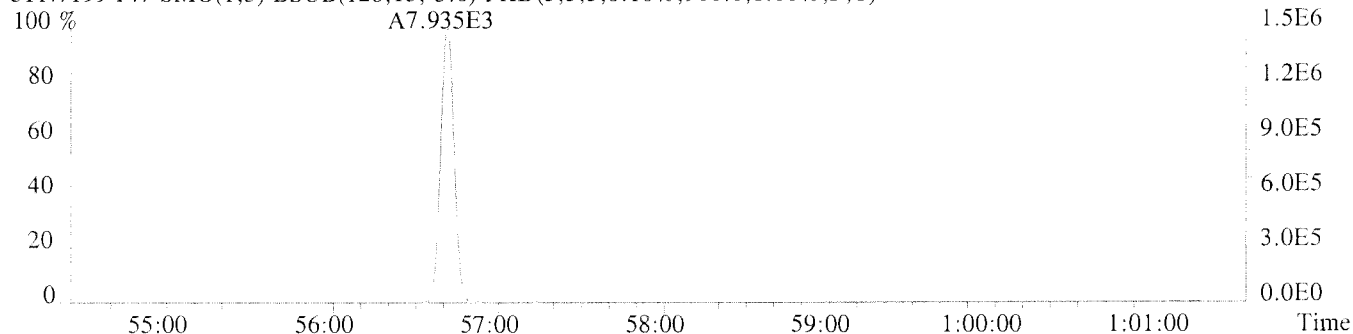
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,964.0,1.00%,F,T)



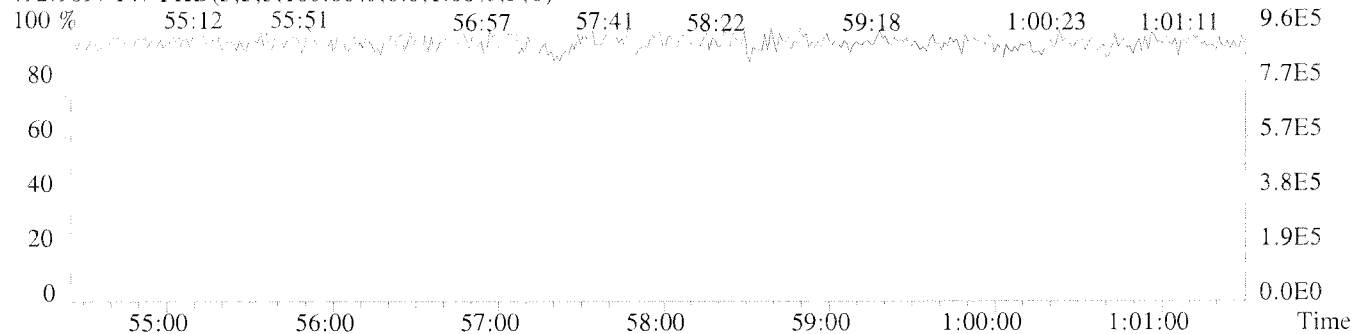
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1220.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,900.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-N/S-04-2

Run #15 Filename U224755 Samp: 1 Inj: 1 Acquired: 15-JAN-11 03:06:41
Processed: 17-JAN-11 16:50:48 Sample ID: K1013433-006

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	12:59	3.185e+03	9.847e+02	3.23	y	n	1.062
2	1	PCB-2	15:05	1.552e+03	4.457e+02	3.48	y	y	0.970
3	1	PCB-3	15:15	3.707e+03	1.111e+03	3.34	y	y	1.057
4	1	PCB-4	NotFnd	*	*	*	n	n	0.952
5	1	PCB-10	NotFnd	*	*	*	n	n	1.379
6	2	PCB-9	17:58	1.309e+03	8.481e+02	1.54	y	y	0.961
7	2	PCB-7	18:02	4.726e+02	2.711e+02	1.74	y	y	1.000
8	2	PCB-6	18:11	3.578e+03	2.227e+03	1.61	y	y	1.034
9	2	PCB-5	NotFnd	*	*	*	n	y	0.868
10	2	PCB-8	18:31	1.299e+04	8.125e+03	1.60	y	y	1.120
11	2	PCB-14	NotFnd	*	*	*	n	y	1.036
12	2	PCB-11	20:48	6.775e+03	4.302e+03	1.57	y	y	1.019
13	2	PCB-12/13	21:06	3.278e+03	2.037e+03	1.61	y	y	1.003
14	2	PCB-15	21:25	1.183e+04	7.714e+03	1.53	y	y	0.973
15	2	PCB-19	18:48	5.142e+02	4.599e+02	1.12	y	n	1.021
16	2	PCB-18/30	20:32	8.345e+03	8.029e+03	1.04	y	n	0.962
17	2	PCB-17	20:55	2.955e+03	2.850e+03	1.04	y	n	0.821
18	2	PCB-27	21:08	7.327e+02	6.829e+02	1.07	y	n	1.161
19	2	PCB-24	21:16	1.513e+02	1.375e+02	1.10	y	n	1.040
20	2	PCB-16	21:23	2.672e+03	2.532e+03	1.06	y	n	0.703
21	2	PCB-32	21:53	3.643e+03	3.604e+03	1.01	y	n	1.231
22	3	PCB-34	NotFnd	*	*	*	n	y	1.217
23	3	PCB-23	NotFnd	*	*	*	n	n	1.177
24	3	PCB-26/29	23:33	4.959e+03	4.569e+03	1.09	y	n	1.305
25	3	PCB-25	23:47	2.260e+03	1.918e+03	1.18	y	y	1.447
26	3	PCB-31	24:06	3.200e+04	3.005e+04	1.06	y	n	1.329
27	3	PCB-20/28	24:22	3.438e+04	3.187e+04	1.08	y	n	1.237
28	3	PCB-21/33	24:37	1.692e+04	1.562e+04	1.08	y	n	1.298
29	3	PCB-22	25:01	1.327e+04	1.233e+04	1.08	y	n	1.151
30	3	PCB-36	NotFnd	*	*	*	n	y	1.339
31	3	PCB-39	NotFnd	*	*	*	n	y	1.296
32	3	PCB-38	NotFnd	*	*	*	n	y	1.298
33	3	PCB-35	27:57	1.312e+03	1.194e+03	1.10	y	y	1.251
34	3	PCB-37	28:22	1.677e+04	1.594e+04	1.05	y	n	1.082
35	2	PCB-54	21:44	2.169e+01	2.299e+01	0.94	n	n	0.963
36	3	PCB-50/53	23:50	1.624e+03	2.087e+03	0.78	y	n	0.814
37	3	PCB-45/51	24:30	1.890e+03	2.566e+03	0.74	y	n	0.783
38	3	PCB-46	24:49	6.212e+02	7.943e+02	0.78	y	n	0.714
39	3	PCB-52	26:11	1.533e+04	1.978e+04	0.78	y	n	0.881
40	3	PCB-43/73	26:25	4.979e+02	6.941e+02	0.72	y	n	0.868
41	3	PCB-49/69	26:40	8.926e+03	1.139e+04	0.78	y	n	0.997
42	3	PCB-48	26:56	3.080e+03	3.998e+03	0.77	y	n	0.826
43	3	PCB-44/47/65	27:11	1.450e+04	1.868e+04	0.78	y	n	0.917
44	3	PCB-59/62/75	27:30	1.657e+03	2.078e+03	0.80	y	n	1.107
45	3	PCB-42	27:42	3.605e+03	4.714e+03	0.76	y	n	0.836
46	3	PCB-40/41/71	28:12	8.545e+03	1.124e+04	0.76	y	y	0.836
47	3	PCB-64	28:25	9.375e+03	1.169e+04	0.80	y	n	1.169
48	3	PCB-72	29:13	1.178e+02	2.496e+02	0.47	n	n	1.192
49	3	PCB-68	NotFnd	*	*	*	n	n	1.160
50	3	PCB-57	29:56	4.634e+01	8.600e+01	0.54	n	n	1.155

51	3	PCB-58	NotFnd	*	*	*	n	y	1.136
52	3	PCB-67	30:19	6.899e+02	9.646e+02	0.72	y	n	1.293
53	3	PCB-63	30:35	9.733e+02	1.284e+03	0.76	y	n	1.243
54	3	PCB-61/70/74/76	30:56	4.299e+04	5.511e+04	0.78	y	n	1.165
55	3	PCB-66	31:15	2.584e+04	3.304e+04	0.78	y	n	1.227
56	3	PCB-55	NotFnd	*	*	*	n	n	1.051
57	4	PCB-56	31:57	1.563e+04	1.912e+04	0.82	y	n	1.088
58	4	PCB-60	32:09	1.024e+04	1.309e+04	0.78	y	n	1.081
59	4	PCB-80	NotFnd	*	*	*	n	n	1.276
60	4	PCB-79	34:03	4.487e+02	8.294e+02	0.54	n	n	1.302
61	4	PCB-78	NotFnd	*	*	*	n	n	1.158
62	4	PCB-81	35:04	2.345e+02	3.148e+02	0.74	y	n	1.084
63	4	PCB-77	35:41	6.172e+03	7.582e+03	0.81	y	n	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:31	2.194e+02	1.486e+02	1.48	y	n	0.946
66	3	PCB-103	29:24	1.521e+02	1.008e+02	1.51	y	n	0.813
67	3	PCB-94	29:38	9.447e+01	8.099e+01	1.17	n	n	0.654
68	3	PCB-95	30:05	1.707e+04	1.093e+04	1.56	y	n	0.755
69	3	PCB-93/100	30:18	1.687e+02	1.366e+02	1.23	n	n	0.701
70	3	PCB-98/102	30:26	7.234e+02	5.075e+02	1.43	y	n	0.743
71	3	PCB-88/91	30:56	2.098e+03	1.339e+03	1.57	y	n	0.718
72	3	PCB-84	31:11	3.691e+03	2.405e+03	1.54	y	n	0.663
73	3	PCB-89	31:38	3.085e+02	2.024e+02	1.52	y	n	0.695
74	4	PCB-121	NotFnd	*	*	*	n	n	0.931
75	4	PCB-92	32:24	4.321e+03	2.762e+03	1.56	y	n	0.707
76	4	PCB-90/101/113	32:59	3.604e+04	2.287e+04	1.58	y	n	0.803
77	4	PCB-83/99	33:33	1.056e+04	6.689e+03	1.58	y	n	0.680
78	4	PCB-112	NotFnd	*	*	*	n	n	1.013
79	4	PCB-86/87/97/109/119/125	34:10	1.867e+04	1.214e+04	1.54	y	y	0.823
80	4	PCB-117	34:42	5.371e+02	3.599e+02	1.49	y	y	0.848
81	4	PCB-85/116	34:48	4.693e+03	2.949e+03	1.59	y	y	0.886
82	4	PCB-110/115	34:58	3.848e+04	2.429e+04	1.58	y	n	0.968
83	4	PCB-82	35:18	2.978e+03	1.836e+03	1.62	y	n	0.655
84	4	PCB-111	NotFnd	*	*	*	n	n	0.921
85	4	PCB-120	36:06	2.922e+02	1.337e+02	2.19	n	n	1.028
86	5	PCB-108/124	37:15	2.091e+03	1.393e+03	1.50	y	y	0.913
87	5	PCB-107	37:29	3.867e+03	2.438e+03	1.59	y	y	1.038
88	5	PCB-123	37:36	8.270e+02	5.411e+02	1.53	y	y	1.076
89	5	PCB-106	NotFnd	*	*	*	n	y	1.093
90	5	PCB-118	37:55	4.526e+04	2.849e+04	1.59	y	y	1.103
91	5	PCB-122	38:17	6.891e+02	2.526e+02	2.73	n	y	0.946
92	5	PCB-114	38:27	1.756e+03	1.273e+03	1.38	y	y	1.079
93	5	PCB-105	39:07	2.532e+04	1.585e+04	1.60	y	y	1.059
94	5	PCB-127	NotFnd	*	*	*	n	y	0.969
95	5	PCB-126	42:12	1.470e+03	8.769e+02	1.68	y	y	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	32:58	2.809e+01	4.651e+01	0.60	n	n	1.196
98	4	PCB-150	33:07	1.877e+02	1.536e+02	1.22	y	n	1.105
99	4	PCB-136	33:32	9.308e+03	7.367e+03	1.26	y	n	1.166
100	4	PCB-145	NotFnd	*	*	*	n	n	1.078
101	4	PCB-148	35:15	5.260e+01	4.425e+01	1.19	y	n	0.887
102	4	PCB-135/151	35:52	2.520e+04	1.998e+04	1.26	y	n	0.852
103	4	PCB-154	36:06	6.413e+02	5.034e+02	1.27	y	n	1.019
104	4	PCB-144	36:26	3.949e+03	3.172e+03	1.24	y	n	0.901
105	5	PCB-147/149	36:48	7.106e+04	5.607e+04	1.27	y	n	0.938
106	5	PCB-134	37:00	2.828e+03	2.350e+03	1.20	y	n	0.768
107	5	PCB-143	NotFnd	*	*	*	n	n	0.946

108	5	PCB-139/140	37:22	5.760e+02	4.241e+02	1.36	y	n	0.945
109	5	PCB-131	37:36	4.476e+02	3.832e+02	1.17	y	n	0.866
110	5	PCB-142	NotFnd	*	*	*	n	n	0.847
111	5	PCB-132	38:04	2.093e+04	1.677e+04	1.25	y	n	0.808
112	5	PCB-133	38:31	1.031e+03	8.432e+02	1.22	y	n	0.877
113	5	PCB-165	NotFnd	*	*	*	n	n	1.086
114	5	PCB-146	39:10	1.494e+04	1.168e+04	1.28	y	n	1.059
115	5	PCB-161	NotFnd	*	*	*	n	n	1.225
116	5	PCB-153/168	39:47	1.150e+05	9.191e+04	1.25	y	n	1.100
117	5	PCB-141	40:01	2.266e+04	1.817e+04	1.25	y	n	0.943
118	5	PCB-130	40:26	3.515e+03	2.842e+03	1.24	y	n	0.820
119	5	PCB-137	40:39	1.232e+03	9.522e+02	1.29	y	n	0.903
120	5	PCB-164	40:45	8.484e+03	6.752e+03	1.26	y	n	1.163
121	5	PCB-129/138/163	41:03	1.028e+05	8.197e+04	1.25	y	n	0.964
122	5	PCB-160	NotFnd	*	*	*	n	n	1.113
123	5	PCB-158	41:26	1.330e+04	1.041e+04	1.28	y	n	1.305
124	5	PCB-128/166	42:19	1.088e+04	8.719e+03	1.25	y	n	1.022
125	6	PCB-159	43:14	2.232e+03	1.705e+03	1.31	y	n	1.041
126	6	PCB-162	43:34	5.348e+02	3.842e+02	1.39	y	n	1.002
127	6	PCB-167	44:02	4.980e+03	3.924e+03	1.27	y	n	1.030
128	6	PCB-156/157	45:10	1.063e+04	8.221e+03	1.29	y	n	1.064
129	6	PCB-169	48:21	2.459e+02	1.518e+02	1.62	n	y	1.036
130	5	PCB-188	NotFnd	*	*	*	n	n	0.950
131	5	PCB-179	38:47	1.598e+04	1.545e+04	1.03	y	n	1.159
132	5	PCB-184	NotFnd	*	*	*	n	n	1.104
133	5	PCB-176	39:40	4.909e+03	4.638e+03	1.06	y	n	1.108
134	5	PCB-186	NotFnd	*	*	*	n	n	1.022
135	5	PCB-178	41:29	6.750e+03	6.594e+03	1.02	y	n	0.787
136	5	PCB-175	42:06	1.634e+03	1.604e+03	1.02	y	n	0.833
137	5	PCB-187	42:22	4.512e+04	4.308e+04	1.05	y	n	0.869
138	5	PCB-182	42:34	1.908e+02	1.838e+02	1.04	y	n	0.857
139	6	PCB-183	42:59	2.188e+04	2.148e+04	1.02	y	y	0.680
140	6	PCB-185	43:05	3.332e+03	3.064e+03	1.09	y	y	0.693
141	6	PCB-174	43:14	3.456e+04	3.405e+04	1.01	y	n	0.684
142	6	PCB-177	43:41	2.004e+04	1.977e+04	1.01	y	n	0.646
143	6	PCB-181	NotFnd	*	*	*	n	n	0.647
144	6	PCB-171/173	44:17	9.405e+03	9.339e+03	1.01	y	n	0.635
145	6	PCB-172	45:53	6.178e+03	6.192e+03	1.00	y	n	0.624
146	6	PCB-192	NotFnd	*	*	*	n	n	0.747
147	6	PCB-180/193	46:32	9.862e+04	9.703e+04	1.02	y	n	0.763
148	6	PCB-191	46:53	2.205e+03	2.216e+03	1.00	y	n	0.832
149	6	PCB-170	47:47	3.382e+04	3.329e+04	1.02	y	n	0.588
150	6	PCB-190	48:19	1.043e+04	1.033e+04	1.01	y	n	0.894
151	6	PCB-189	50:51	1.687e+03	1.710e+03	0.99	y	n	0.912
152	6	PCB-202	43:47	2.609e+03	2.855e+03	0.91	y	n	0.869
153	6	PCB-201	44:42	2.187e+03	2.459e+03	0.89	y	n	1.015
154	6	PCB-204	NotFnd	*	*	*	n	n	1.005
155	6	PCB-197	45:35	6.738e+02	7.363e+02	0.92	y	n	1.019
156	6	PCB-200	45:42	2.298e+03	2.531e+03	0.91	y	n	0.976
157	6	PCB-198/199	48:28	1.549e+04	1.728e+04	0.90	y	n	0.688
158	6	PCB-196	49:07	8.020e+03	9.172e+03	0.87	y	n	0.730
159	6	PCB-203	49:19	1.005e+04	1.124e+04	0.89	y	n	0.731
160	6	PCB-195	50:38	6.540e+03	7.242e+03	0.90	y	n	0.682
161	6	PCB-194	52:56	1.649e+04	1.854e+04	0.89	y	n	0.689
162	6	PCB-205	53:24	1.169e+03	1.343e+03	0.87	y	n	0.933
163	6	PCB-208	50:22	5.614e+02	7.034e+02	0.80	y	n	0.915
164	6	PCB-207	51:18	4.758e+02	5.739e+02	0.83	y	n	0.967

165	7	PCB-206	55:08	4.613e+03	6.257e+03	0.74	y	n	0.937
166	7	PCB-209	56:43	8.217e+02	7.068e+02	1.16	y	n	0.925
167	1	PCB-1L	12:59	1.924e+04	5.918e+03	3.25	y	n	1.162
168	1	PCB-3L	15:14	2.199e+04	6.217e+03	3.54	y	n	1.187
169	1	PCB-4L	15:29	8.850e+03	5.539e+03	1.60	y	y	0.907
170	2	PCB-15L	21:24	1.781e+04	1.120e+04	1.59	y	n	1.030
171	2	PCB-19L	18:47	5.829e+03	5.274e+03	1.11	y	n	0.615
172	3	PCB-37L	28:21	1.520e+04	1.468e+04	1.04	y	n	1.320
173	2	PCB-54L	21:43	6.091e+03	7.431e+03	0.82	y	n	1.261
174	4	PCB-81L	35:03	1.017e+04	1.314e+04	0.77	y	n	1.088
175	4	PCB-77L	35:40	1.064e+04	1.333e+04	0.80	y	n	1.091
176	3	PCB-104L	27:06	9.522e+03	5.948e+03	1.60	y	n	1.480
177	5	PCB-123L	37:35	1.328e+04	8.537e+03	1.56	y	n	1.214
178	5	PCB-118L	37:54	1.391e+04	8.963e+03	1.55	y	n	1.246
179	5	PCB-114L	38:25	1.418e+04	8.816e+03	1.61	y	n	1.236
180	5	PCB-105L	39:06	1.392e+04	8.749e+03	1.59	y	n	1.197
181	5	PCB-126L	42:10	1.559e+04	9.961e+03	1.56	y	n	1.105
182	4	PCB-155L	32:42	9.397e+03	7.147e+03	1.31	y	n	1.599
183	6	PCB-167L	44:01	9.861e+03	7.888e+03	1.25	y	n	1.051
184	6	PCB-156/157L	45:10	2.004e+04	1.598e+04	1.25	y	n	0.962
185	6	PCB-169L	48:21	1.002e+04	7.918e+03	1.27	y	n	0.886
186	5	PCB-188L	38:24	8.305e+03	7.862e+03	1.06	y	n	2.483
187	6	PCB-189L	50:50	8.079e+03	7.710e+03	1.05	y	n	1.503
188	6	PCB-202L	43:46	5.913e+03	6.444e+03	0.92	y	n	1.757
189	6	PCB-205L	53:23	6.460e+03	7.141e+03	0.90	y	n	1.317
190	6	PCB-208L	50:21	5.216e+03	6.417e+03	0.81	y	n	1.446
191	7	PCB-206L	55:07	6.466e+03	8.085e+03	0.80	y	n	1.176
192	7	PCB-209L	56:41	7.927e+03	6.598e+03	1.20	y	n	1.606
193	3	PCB-28L	24:21	1.587e+04	1.517e+04	1.05	y	n	1.538
194	4	PCB-111L	35:39	1.065e+04	6.704e+03	1.59	y	n	1.238
195	5	PCB-178L	41:27	5.793e+03	5.596e+03	1.04	y	n	1.355
196	2	PCB-9L	17:57	2.399e+04	1.522e+04	1.58	y	n	-
197	3	PCB-52L	26:10	9.873e+03	1.232e+04	0.80	y	n	-
198	4	PCB-101L	32:58	1.261e+04	7.844e+03	1.61	y	n	-
199	5	PCB-138L	41:01	1.355e+04	1.062e+04	1.28	y	n	-
200	6	PCB-194L	52:55	6.913e+03	7.442e+03	0.93	y	n	-

-- Sample Calculation--

$$\text{PCB-209} = \frac{(8.217e+02 + 7.068e+02) \times (100.0 \times 100.0) \text{ pg} \times 1}{(7.927e+03 + 6.598e+03) \times (5.785 \text{ g}) \times (100 - \quad) / 100 \times 0.9245} = 1.97$$

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NS/1/11
1/19/11
[Signature]

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02/2009

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio SummaryCLIENT ID.
USEN-N/S-04-2

Run #15 Filename U224755#1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 03:06:41

Processed: 17-JAN-11 16:50:48 LAB. ID: K1013433-006

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	4.16e+05	1.81e+03	2.3e+02	1.29e+05	1.32e+03	9.8e+01
2	PCB-2	2.91e+05	1.81e+03	1.6e+02	8.37e+04	1.32e+03	6.3e+01
3	PCB-3	3.65e+05	1.81e+03	2.0e+02	1.17e+05	1.32e+03	8.8e+01
4	PCB-4	*	9.18e+03	*	*	1.10e+05	*
5	PCB-10	*	9.18e+03	*	*	1.10e+05	*
6	PCB-9	4.13e+05	3.20e+03	1.3e+02	2.67e+05	1.50e+04	1.8e+01
7	PCB-7	1.58e+05	3.20e+03	4.9e+01	9.03e+04	1.50e+04	6.0e+00
8	PCB-6	1.11e+06	3.20e+03	3.5e+02	6.85e+05	1.50e+04	4.6e+01
9	PCB-5	*	3.20e+03	*	*	1.50e+04	*
10	PCB-8	3.09e+06	3.20e+03	9.7e+02	1.93e+06	1.50e+04	1.3e+02
11	PCB-14	*	3.20e+03	*	*	1.50e+04	*
12	PCB-11	1.50e+06	3.20e+03	4.7e+02	9.76e+05	1.50e+04	6.5e+01
13	PCB-12/13	6.74e+05	3.20e+03	2.1e+02	4.21e+05	1.50e+04	2.8e+01
14	PCB-15	2.70e+06	3.20e+03	8.4e+02	1.72e+06	1.50e+04	1.2e+02
15	PCB-19	1.31e+05	1.84e+03	7.1e+01	1.25e+05	1.29e+03	9.7e+01
16	PCB-18/30	2.04e+06	1.84e+03	1.1e+03	1.95e+06	1.29e+03	1.5e+03
17	PCB-17	7.16e+05	1.84e+03	3.9e+02	6.93e+05	1.29e+03	5.4e+02
18	PCB-27	1.75e+05	1.84e+03	9.5e+01	1.66e+05	1.29e+03	1.3e+02
19	PCB-24	3.80e+04	1.84e+03	2.1e+01	3.43e+04	1.29e+03	2.7e+01
20	PCB-16	6.22e+05	1.84e+03	3.4e+02	5.85e+05	1.29e+03	4.5e+02
21	PCB-32	8.37e+05	1.84e+03	4.5e+02	8.16e+05	1.29e+03	6.3e+02
22	PCB-34	*	2.69e+03	*	*	8.20e+03	*
23	PCB-23	*	2.69e+03	*	*	8.20e+03	*
24	PCB-26/29	9.96e+05	2.69e+03	3.7e+02	9.23e+05	8.20e+03	1.1e+02
25	PCB-25	4.16e+05	2.69e+03	1.5e+02	3.71e+05	8.20e+03	4.5e+01
26	PCB-31	6.24e+06	2.69e+03	2.3e+03	5.83e+06	8.20e+03	7.1e+02
27	PCB-20/28	6.45e+06	2.69e+03	2.4e+03	6.00e+06	8.20e+03	7.3e+02
28	PCB-21/33	3.19e+06	2.69e+03	1.2e+03	2.96e+06	8.20e+03	3.6e+02
29	PCB-22	2.50e+06	2.69e+03	9.3e+02	2.39e+06	8.20e+03	2.9e+02
30	PCB-36	*	2.69e+03	*	*	8.20e+03	*
31	PCB-39	*	2.69e+03	*	*	8.20e+03	*
32	PCB-38	*	2.69e+03	*	*	8.20e+03	*
33	PCB-35	2.36e+05	2.69e+03	8.8e+01	2.22e+05	8.20e+03	2.7e+01
34	PCB-37	2.88e+06	2.69e+03	1.1e+03	2.77e+06	8.20e+03	3.4e+02
35	PCB-54	5.15e+03	1.28e+03	4.0e+00	5.26e+03	1.07e+03	4.9e+00
36	PCB-50/53	3.42e+05	6.00e+02	5.7e+02	4.44e+05	1.33e+03	3.3e+02
37	PCB-45/51	2.85e+05	6.00e+02	4.8e+02	3.96e+05	1.33e+03	3.0e+02
38	PCB-46	1.29e+05	6.00e+02	2.1e+02	1.59e+05	1.33e+03	1.2e+02
39	PCB-52	3.02e+06	6.00e+02	5.0e+03	3.90e+06	1.33e+03	2.9e+03
40	PCB-43/73	9.44e+04	6.00e+02	1.6e+02	1.16e+05	1.33e+03	8.8e+01
41	PCB-49/69	1.72e+06	6.00e+02	2.9e+03	2.19e+06	1.33e+03	1.6e+03
42	PCB-48	5.77e+05	6.00e+02	9.6e+02	7.47e+05	1.33e+03	5.6e+02
43	PCB-44/47/65	2.54e+06	6.00e+02	4.2e+03	3.24e+06	1.33e+03	2.4e+03
44	PCB-59/62/75	3.10e+05	6.00e+02	5.2e+02	3.84e+05	1.33e+03	2.9e+02
45	PCB-42	6.94e+05	6.00e+02	1.2e+03	9.16e+05	1.33e+03	6.9e+02
46	PCB-40/41/71	1.35e+06	6.00e+02	2.3e+03	1.77e+06	1.33e+03	1.3e+03
47	PCB-64	1.75e+06	6.00e+02	2.9e+03	2.21e+06	1.33e+03	1.7e+03

48	PCB-72	2.89e+04	6.00e+02	4.8e+01	4.26e+04	1.33e+03	3.2e+01
49	PCB-68	*	6.00e+02	*	*	1.33e+03	*
50	PCB-57	1.22e+04	6.00e+02	2.0e+01	2.04e+04	1.33e+03	1.5e+01
51	PCB-58	*	6.00e+02	*	*	1.33e+03	*
52	PCB-67	1.28e+05	6.00e+02	2.1e+02	1.69e+05	1.33e+03	1.3e+02
53	PCB-63	1.81e+05	6.00e+02	3.0e+02	2.40e+05	1.33e+03	1.8e+02
54	PCB-61/70/74/76	5.65e+06	6.00e+02	9.4e+03	7.25e+06	1.33e+03	5.5e+03
55	PCB-66	4.59e+06	6.00e+02	7.6e+03	5.86e+06	1.33e+03	4.4e+03
56	PCB-55	*	6.00e+02	*	*	1.33e+03	*
57	PCB-56	2.75e+06	5.78e+03	4.8e+02	3.41e+06	3.47e+03	9.8e+02
58	PCB-60	1.73e+06	5.78e+03	3.0e+02	2.23e+06	3.47e+03	6.4e+02
59	PCB-80	*	5.78e+03	*	*	3.47e+03	*
60	PCB-79	8.18e+04	5.78e+03	1.4e+01	1.33e+05	3.47e+03	3.8e+01
61	PCB-78	*	5.78e+03	*	*	3.47e+03	*
62	PCB-81	4.53e+04	5.78e+03	7.8e+00	5.79e+04	3.47e+03	1.7e+01
63	PCB-77	1.04e+06	5.78e+03	1.8e+02	1.28e+06	3.47e+03	3.7e+02
64	PCB-104	*	9.68e+02	*	*	1.28e+03	*
65	PCB-96	4.18e+04	9.68e+02	4.3e+01	2.84e+04	1.28e+03	2.2e+01
66	PCB-103	2.92e+04	9.68e+02	3.0e+01	1.80e+04	1.28e+03	1.4e+01
67	PCB-94	2.06e+04	9.68e+02	2.1e+01	1.30e+04	1.28e+03	1.0e+01
68	PCB-95	3.23e+06	9.68e+02	3.3e+03	2.10e+06	1.28e+03	1.6e+03
69	PCB-93/100	3.23e+04	9.68e+02	3.3e+01	2.27e+04	1.28e+03	1.8e+01
70	PCB-98/102	1.27e+05	9.68e+02	1.3e+02	8.37e+04	1.28e+03	6.5e+01
71	PCB-88/91	3.94e+05	9.68e+02	4.1e+02	2.53e+05	1.28e+03	2.0e+02
72	PCB-84	6.72e+05	9.68e+02	6.9e+02	4.41e+05	1.28e+03	3.4e+02
73	PCB-89	5.86e+04	9.68e+02	6.0e+01	3.58e+04	1.28e+03	2.8e+01
74	PCB-121	*	2.53e+03	*	*	3.96e+03	*
75	PCB-92	7.81e+05	2.53e+03	3.1e+02	4.94e+05	3.96e+03	1.2e+02
76	PCB-90/101/113	6.50e+06	2.53e+03	2.6e+03	4.14e+06	3.96e+03	1.0e+03
77	PCB-83/99	1.72e+06	2.53e+03	6.8e+02	1.11e+06	3.96e+03	2.8e+02
78	PCB-112	*	2.53e+03	*	*	3.96e+03	*
79	CB-86/87/97/109/119/125	1.93e+06	2.53e+03	7.6e+02	1.23e+06	3.96e+03	3.1e+02
80	PCB-117	1.37e+05	2.53e+03	5.4e+01	8.45e+04	3.96e+03	2.1e+01
81	PCB-85/116	8.54e+05	2.53e+03	3.4e+02	5.35e+05	3.96e+03	1.4e+02
82	PCB-110/115	6.59e+06	2.53e+03	2.6e+03	4.18e+06	3.96e+03	1.1e+03
83	PCB-82	4.93e+05	2.53e+03	1.9e+02	3.21e+05	3.96e+03	8.1e+01
84	PCB-111	*	2.53e+03	*	*	3.96e+03	*
85	PCB-120	5.69e+04	2.53e+03	2.2e+01	2.63e+04	3.96e+03	6.7e+00
86	PCB-108/124	3.93e+05	3.61e+03	1.1e+02	2.58e+05	5.74e+03	4.5e+01
87	PCB-107	6.86e+05	3.61e+03	1.9e+02	4.35e+05	5.74e+03	7.6e+01
88	PCB-123	1.70e+05	3.61e+03	4.7e+01	1.14e+05	5.74e+03	2.0e+01
89	PCB-106	*	3.61e+03	*	*	5.74e+03	*
90	PCB-118	8.09e+06	3.61e+03	2.2e+03	5.06e+06	5.74e+03	8.8e+02
91	PCB-122	1.28e+05	3.61e+03	3.6e+01	5.82e+04	5.74e+03	1.0e+01
92	PCB-114	2.70e+05	3.61e+03	7.5e+01	1.62e+05	5.74e+03	2.8e+01
93	PCB-105	4.27e+06	3.61e+03	1.2e+03	2.68e+06	5.74e+03	4.7e+02
94	PCB-127	*	3.61e+03	*	*	5.74e+03	*
95	PCB-126	2.53e+05	3.61e+03	7.0e+01	1.55e+05	5.74e+03	2.7e+01
96	PCB-155	*	1.32e+03	*	*	1.39e+03	*
97	PCB-152	6.80e+03	1.32e+03	5.2e+00	8.50e+03	1.39e+03	6.1e+00
98	PCB-150	3.85e+04	1.32e+03	2.9e+01	2.82e+04	1.39e+03	2.0e+01
99	PCB-136	1.81e+06	1.32e+03	1.4e+03	1.41e+06	1.39e+03	1.0e+03
100	PCB-145	*	1.32e+03	*	*	1.39e+03	*
101	PCB-148	1.05e+04	1.32e+03	7.9e+00	7.97e+03	1.39e+03	5.7e+00
102	PCB-135/151	3.62e+06	1.32e+03	2.7e+03	2.88e+06	1.39e+03	2.1e+03
103	PCB-154	1.23e+05	1.32e+03	9.3e+01	9.06e+04	1.39e+03	6.5e+01
104	PCB-144	7.38e+05	1.32e+03	5.6e+02	5.85e+05	1.39e+03	4.2e+02

105	PCB-147/149	1.29e+07	6.21e+03	2.1e+03	1.02e+07	3.08e+03	3.3e+03
106	PCB-134	4.98e+05	6.21e+03	8.0e+01	4.06e+05	3.08e+03	1.3e+02
107	PCB-143	*	6.21e+03	*	*	3.08e+03	*
108	PCB-139/140	9.76e+04	6.21e+03	1.6e+01	7.68e+04	3.08e+03	2.5e+01
109	PCB-131	8.72e+04	6.21e+03	1.4e+01	7.12e+04	3.08e+03	2.3e+01
110	PCB-142	*	6.21e+03	*	*	3.08e+03	*
111	PCB-132	3.80e+06	6.21e+03	6.1e+02	3.07e+06	3.08e+03	1.0e+03
112	PCB-133	1.86e+05	6.21e+03	3.0e+01	1.55e+05	3.08e+03	5.0e+01
113	PCB-165	*	6.21e+03	*	*	3.08e+03	*
114	PCB-146	2.57e+06	6.21e+03	4.1e+02	2.00e+06	3.08e+03	6.5e+02
115	PCB-161	*	6.21e+03	*	*	3.08e+03	*
116	PCB-153/168	2.01e+07	6.21e+03	3.2e+03	1.61e+07	3.08e+03	5.2e+03
117	PCB-141	3.67e+06	6.21e+03	5.9e+02	2.98e+06	3.08e+03	9.7e+02
118	PCB-130	6.30e+05	6.21e+03	1.0e+02	5.04e+05	3.08e+03	1.6e+02
119	PCB-137	2.37e+05	6.21e+03	3.8e+01	1.80e+05	3.08e+03	5.9e+01
120	PCB-164	1.63e+06	6.21e+03	2.6e+02	1.29e+06	3.08e+03	4.2e+02
121	PCB-129/138/163	1.75e+07	6.21e+03	2.8e+03	1.39e+07	3.08e+03	4.5e+03
122	PCB-160	*	6.21e+03	*	*	3.08e+03	*
123	PCB-158	2.32e+06	6.21e+03	3.7e+02	1.85e+06	3.08e+03	6.0e+02
124	PCB-128/166	1.49e+06	6.21e+03	2.4e+02	1.22e+06	3.08e+03	4.0e+02
125	PCB-159	4.59e+05	3.20e+03	1.4e+02	3.60e+05	3.76e+03	9.6e+01
126	PCB-162	1.19e+05	3.20e+03	3.7e+01	8.65e+04	3.76e+03	2.3e+01
127	PCB-167	1.11e+06	3.20e+03	3.5e+02	8.76e+05	3.76e+03	2.3e+02
128	PCB-156/157	2.15e+06	3.20e+03	6.7e+02	1.65e+06	3.76e+03	4.4e+02
129	PCB-169	6.81e+04	3.20e+03	2.1e+01	4.51e+04	3.76e+03	1.2e+01
130	PCB-188	*	1.11e+03	*	*	1.72e+03	*
131	PCB-179	2.89e+06	1.11e+03	2.6e+03	2.83e+06	1.72e+03	1.6e+03
132	PCB-184	*	1.11e+03	*	*	1.72e+03	*
133	PCB-176	8.45e+05	1.11e+03	7.6e+02	7.96e+05	1.72e+03	4.6e+02
134	PCB-186	*	1.11e+03	*	*	1.72e+03	*
135	PCB-178	1.29e+06	1.11e+03	1.2e+03	1.24e+06	1.72e+03	7.2e+02
136	PCB-175	3.00e+05	1.11e+03	2.7e+02	2.96e+05	1.72e+03	1.7e+02
137	PCB-187	8.24e+06	1.11e+03	7.4e+03	7.87e+06	1.72e+03	4.6e+03
138	PCB-182	3.61e+04	1.11e+03	3.3e+01	3.51e+04	1.72e+03	2.0e+01
139	PCB-183	4.81e+06	4.12e+03	1.2e+03	4.70e+06	6.94e+03	6.8e+02
140	PCB-185	9.81e+05	4.12e+03	2.4e+02	9.52e+05	6.94e+03	1.4e+02
141	PCB-174	7.46e+06	4.12e+03	1.8e+03	7.32e+06	6.94e+03	1.1e+03
142	PCB-177	4.32e+06	4.12e+03	1.0e+03	4.22e+06	6.94e+03	6.1e+02
143	PCB-181	*	4.12e+03	*	*	6.94e+03	*
144	PCB-171/173	2.03e+06	4.12e+03	4.9e+02	2.03e+06	6.94e+03	2.9e+02
145	PCB-172	1.36e+06	4.12e+03	3.3e+02	1.36e+06	6.94e+03	2.0e+02
146	PCB-192	*	4.12e+03	*	*	6.94e+03	*
147	PCB-180/193	2.09e+07	4.12e+03	5.1e+03	2.06e+07	6.94e+03	3.0e+03
148	PCB-191	4.62e+05	4.12e+03	1.1e+02	4.79e+05	6.94e+03	6.9e+01
149	PCB-170	7.20e+06	4.12e+03	1.7e+03	7.14e+06	6.94e+03	1.0e+03
150	PCB-190	2.27e+06	4.12e+03	5.5e+02	2.25e+06	6.94e+03	3.2e+02
151	PCB-189	3.49e+05	4.12e+03	8.5e+01	3.56e+05	6.94e+03	5.1e+01
152	PCB-202	5.80e+05	6.08e+02	9.5e+02	6.30e+05	8.44e+02	7.5e+02
153	PCB-201	4.72e+05	6.08e+02	7.8e+02	5.43e+05	8.44e+02	6.4e+02
154	PCB-204	*	6.08e+02	*	*	8.44e+02	*
155	PCB-197	1.60e+05	6.08e+02	2.6e+02	1.66e+05	8.44e+02	2.0e+02
156	PCB-200	4.78e+05	6.08e+02	7.9e+02	5.31e+05	8.44e+02	6.3e+02
157	PCB-198/199	3.14e+06	6.08e+02	5.2e+03	3.51e+06	8.44e+02	4.2e+03
158	PCB-196	1.74e+06	6.08e+02	2.9e+03	1.97e+06	8.44e+02	2.3e+03
159	PCB-203	2.09e+06	6.08e+02	3.4e+03	2.34e+06	8.44e+02	2.8e+03
160	PCB-195	1.38e+06	6.08e+02	2.3e+03	1.51e+06	8.44e+02	1.8e+03
161	PCB-194	3.49e+06	6.08e+02	5.7e+03	3.90e+06	8.44e+02	4.6e+03
162	PCB-205	2.37e+05	6.08e+02	3.9e+02	2.66e+05	8.44e+02	3.2e+02

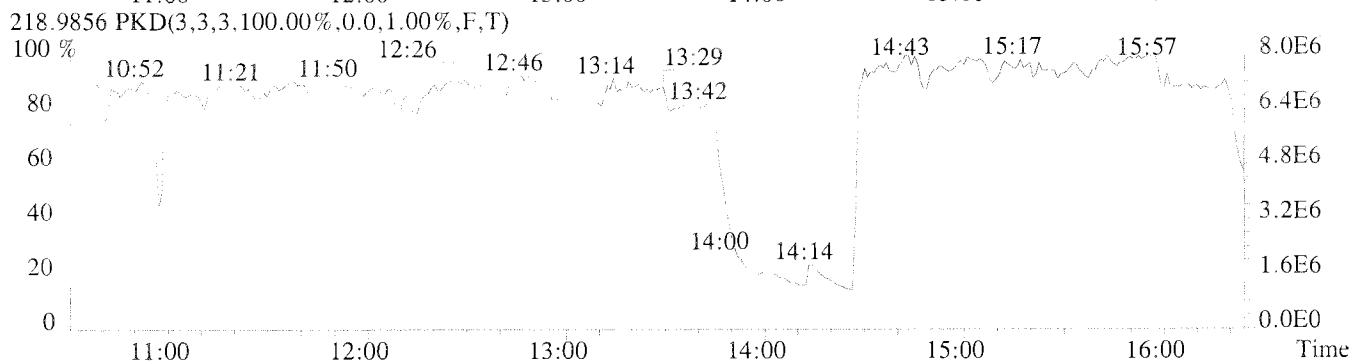
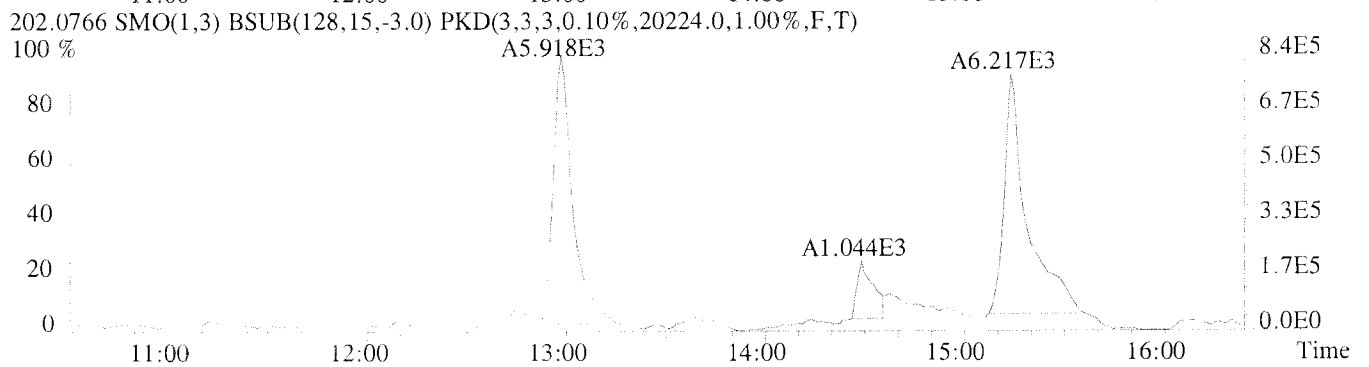
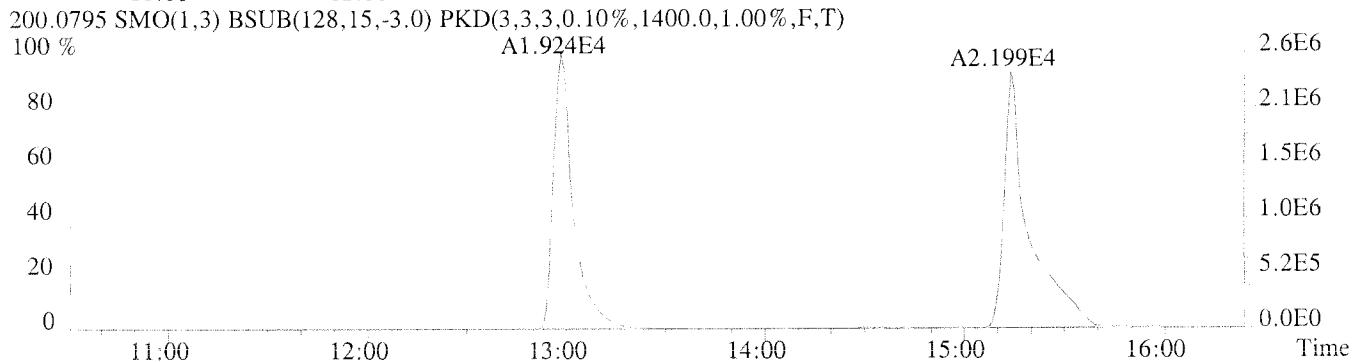
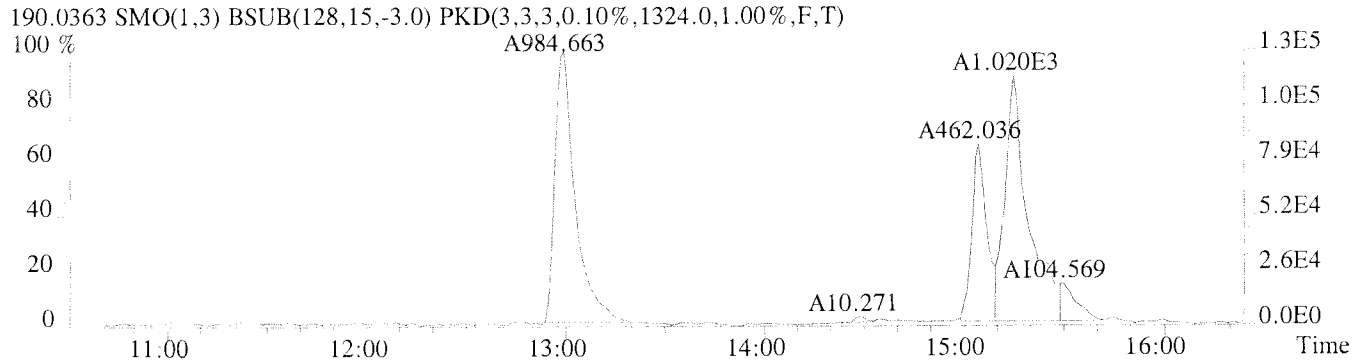
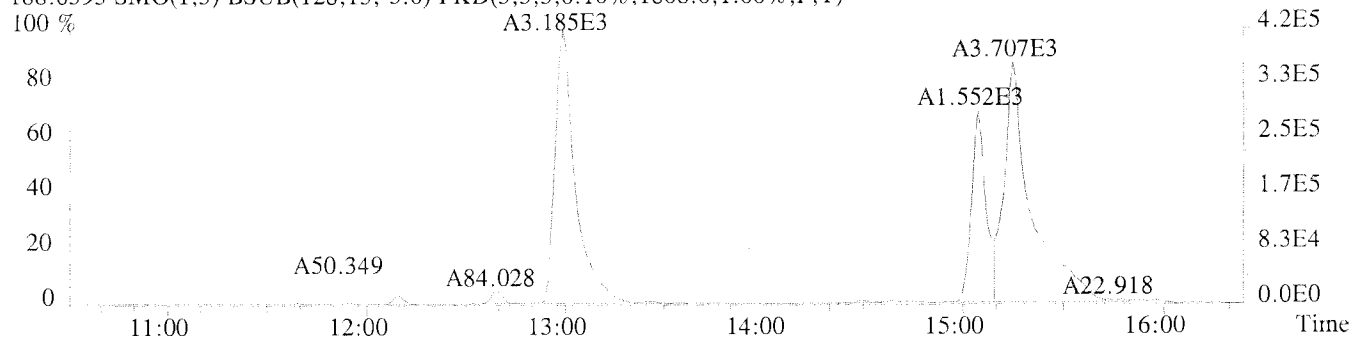
Run #15

Filename U224755#1 Samp: 1

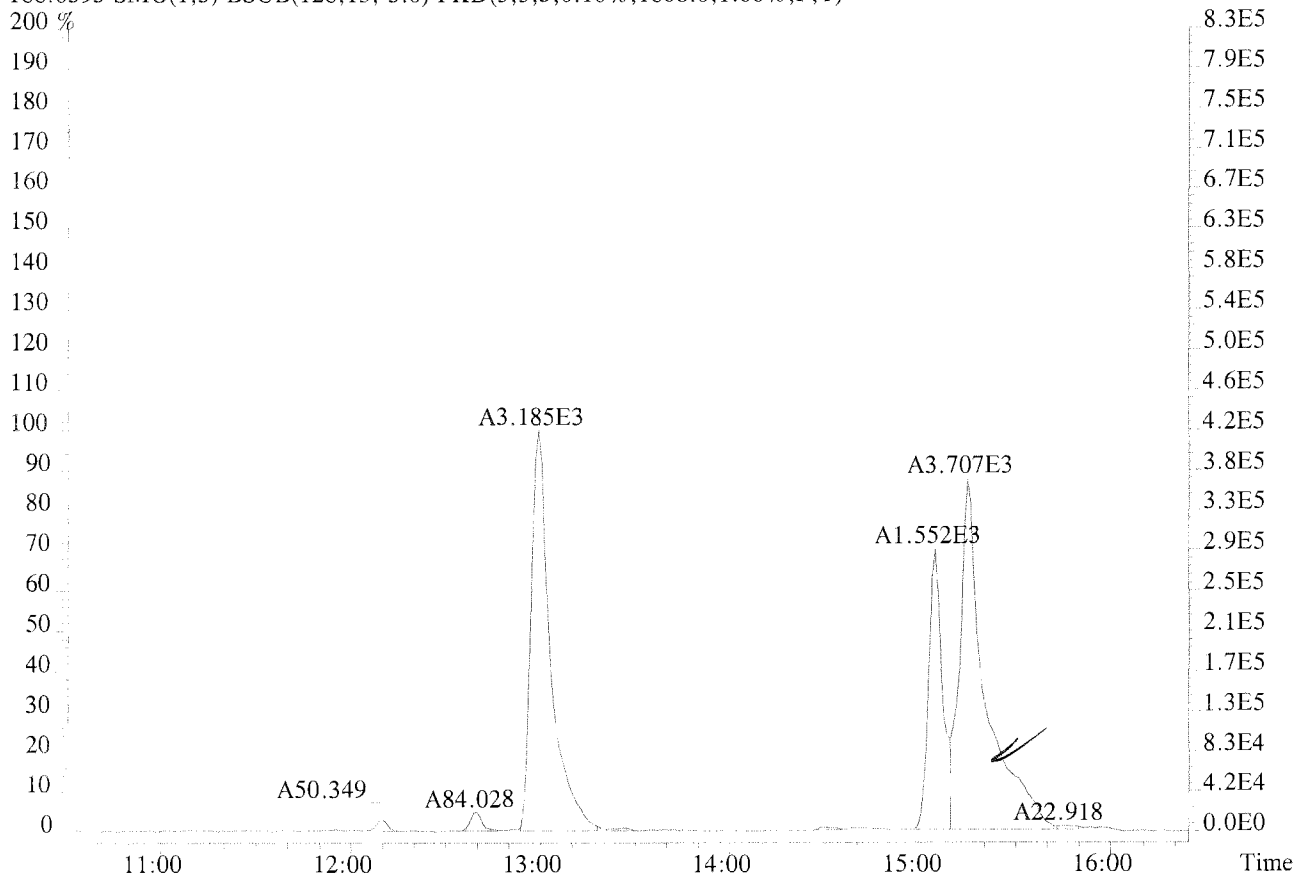
Acquired: 15-JAN-11 03:06:41

163	PCB-208	1.19e+05	7.80e+02	1.5e+02	1.52e+05	1.08e+03	1.4e+02
164	PCB-207	1.00e+05	7.80e+02	1.3e+02	1.22e+05	1.08e+03	1.1e+02
165	PCB-206	8.87e+05	1.01e+03	8.8e+02	1.21e+06	1.49e+03	8.1e+02
166	PCB-209	1.61e+05	8.84e+02	1.8e+02	1.31e+05	1.33e+03	9.8e+01
167	PCB-11L	2.58e+06	1.40e+03	1.8e+03	8.13e+05	2.02e+04	4.0e+01
168	PCB-3L	2.40e+06	1.40e+03	1.7e+03	7.28e+05	2.02e+04	3.6e+01
169	PCB-4L	5.20e+05	3.04e+03	1.7e+02	3.33e+05	1.58e+03	2.1e+02
170	PCB-15L	4.17e+06	8.22e+03	5.1e+02	2.61e+06	1.51e+03	1.7e+03
171	PCB-19L	1.54e+06	6.95e+04	2.2e+01	1.42e+06	1.32e+05	1.1e+01
172	PCB-37L	2.60e+06	1.22e+04	2.1e+02	2.53e+06	1.78e+04	1.4e+02
173	PCB-54L	1.43e+06	5.18e+03	2.8e+02	1.70e+06	1.20e+03	1.4e+03
174	PCB-81L	1.67e+06	2.74e+03	6.1e+02	2.19e+06	1.03e+03	2.1e+03
175	PCB-77L	1.77e+06	2.74e+03	6.5e+02	2.22e+06	1.03e+03	2.1e+03
176	PCB-104L	1.85e+06	8.64e+02	2.1e+03	1.15e+06	8.08e+02	1.4e+03
177	PCB-123L	2.39e+06	4.69e+03	5.1e+02	1.55e+06	2.81e+03	5.5e+02
178	PCB-118L	2.45e+06	4.69e+03	5.2e+02	1.58e+06	2.81e+03	5.6e+02
179	PCB-114L	2.51e+06	4.69e+03	5.4e+02	1.55e+06	2.81e+03	5.5e+02
180	PCB-105L	2.36e+06	4.69e+03	5.0e+02	1.47e+06	2.81e+03	5.2e+02
181	PCB-126L	2.69e+06	4.69e+03	5.7e+02	1.74e+06	2.81e+03	6.2e+02
182	PCB-155L	1.74e+06	1.16e+03	1.5e+03	1.33e+06	1.50e+03	8.9e+02
183	PCB-167L	2.17e+06	1.47e+03	1.5e+03	1.75e+06	1.34e+03	1.3e+03
184	PCB-156/157L	3.21e+06	1.47e+03	2.2e+03	2.57e+06	1.34e+03	1.9e+03
185	PCB-169L	2.05e+06	1.47e+03	1.4e+03	1.61e+06	1.34e+03	1.2e+03
186	PCB-188L	1.52e+06	1.54e+03	9.9e+02	1.45e+06	1.46e+03	9.9e+02
187	PCB-189L	1.63e+06	8.00e+02	2.0e+03	1.58e+06	9.00e+02	1.8e+03
188	PCB-202L	1.32e+06	1.27e+03	1.0e+03	1.44e+06	7.04e+02	2.1e+03
189	PCB-205L	1.36e+06	1.27e+03	1.1e+03	1.51e+06	7.04e+02	2.1e+03
190	PCB-208L	1.15e+06	8.64e+02	1.3e+03	1.38e+06	8.24e+02	1.7e+03
191	PCB-206L	1.24e+06	1.06e+03	1.2e+03	1.52e+06	9.84e+02	1.5e+03
192	PCB-209L	1.52e+06	1.30e+03	1.2e+03	1.25e+06	1.20e+03	1.0e+03
193	PCB-28L	3.09e+06	1.22e+04	2.5e+02	2.92e+06	1.78e+04	1.6e+02
194	PCB-111L	1.82e+06	1.61e+03	1.1e+03	1.16e+06	2.18e+03	5.3e+02
195	PCB-178L	1.06e+06	1.54e+03	6.9e+02	1.05e+06	1.46e+03	7.2e+02
196	PCB-9L	7.83e+06	8.22e+03	9.5e+02	4.98e+06	1.51e+03	3.3e+03
197	PCB-52L	1.91e+06	2.24e+03	8.5e+02	2.38e+06	1.68e+03	1.4e+03
198	PCB-101L	2.30e+06	1.61e+03	1.4e+03	1.43e+06	2.18e+03	6.5e+02
199	PCB-138L	2.41e+06	1.24e+03	1.9e+03	1.88e+06	1.38e+03	1.4e+03
200	PCB-194L	1.47e+06	1.27e+03	1.2e+03	1.59e+06	7.04e+02	2.3e+03

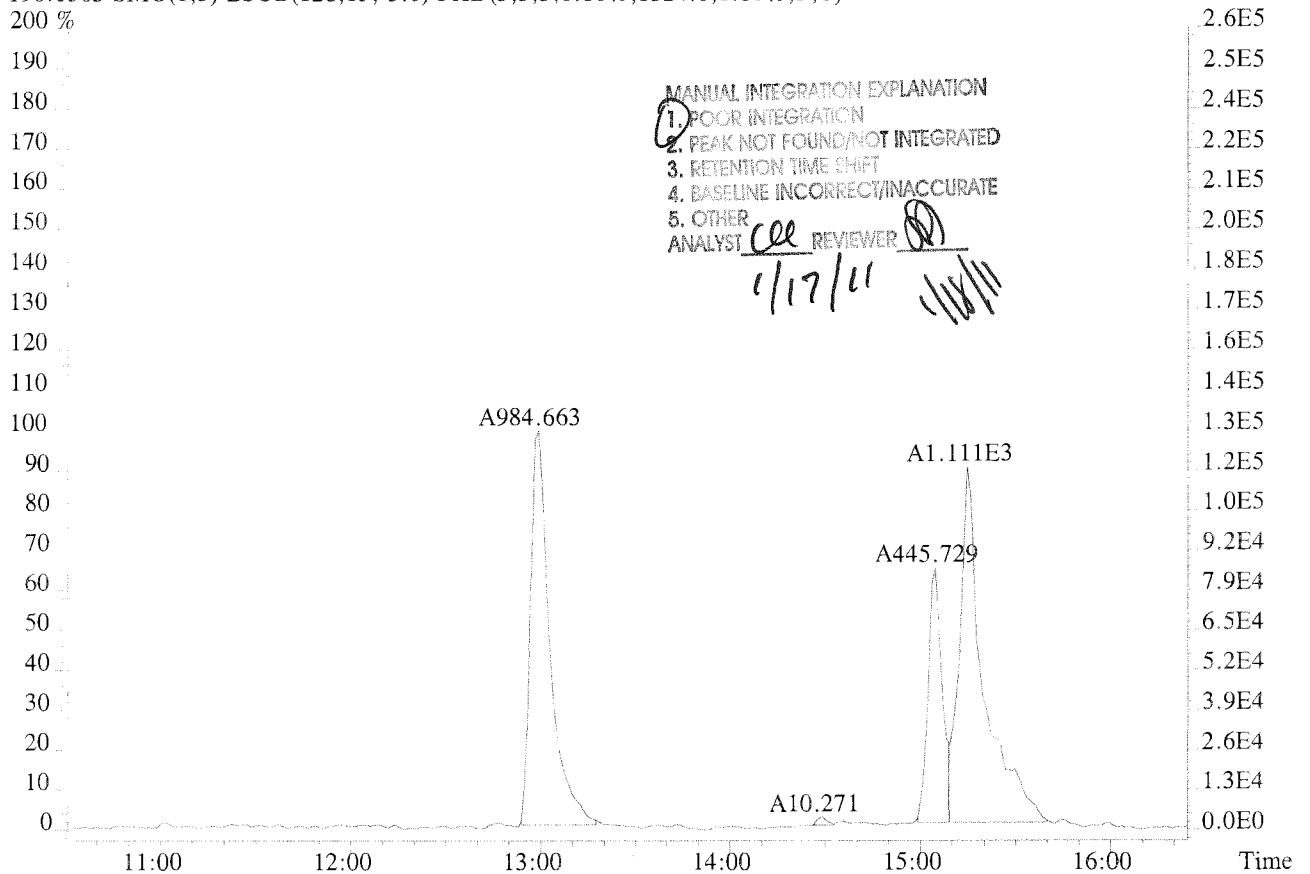
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 Sample#1 Exp:K1013433-006 USENN/S042
 188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1808.0,1.00%,F,T)
 100 %



File:U224755 #1-379 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-006 USENN/S042
 188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1808.0,1.00%,F,T)

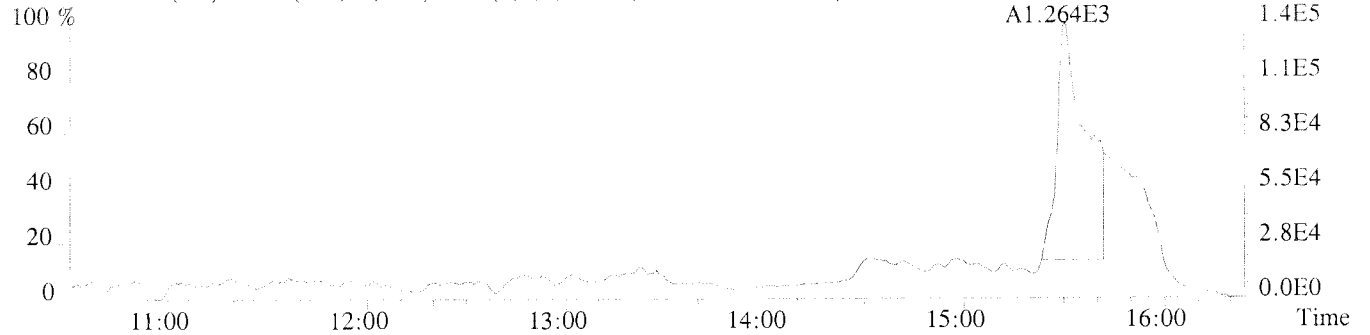


190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1324.0,1.00%,F,T)

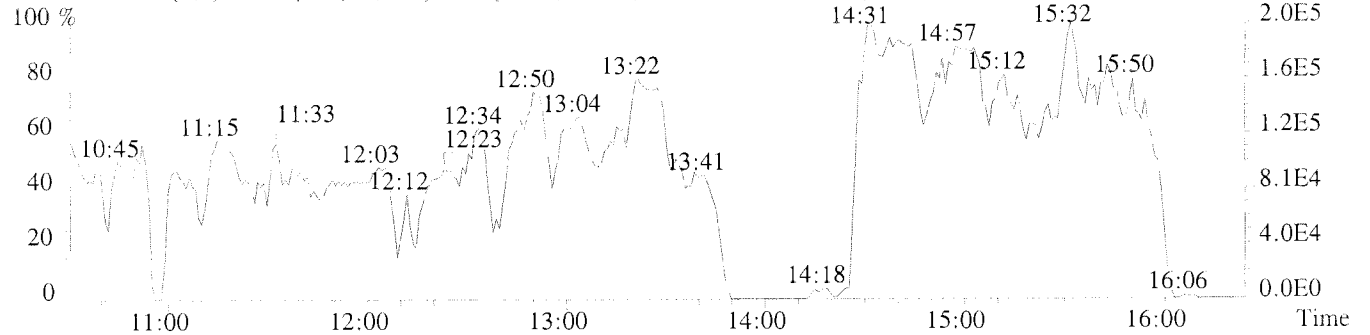


File:U224755 #1-379 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-006 USENN/S042

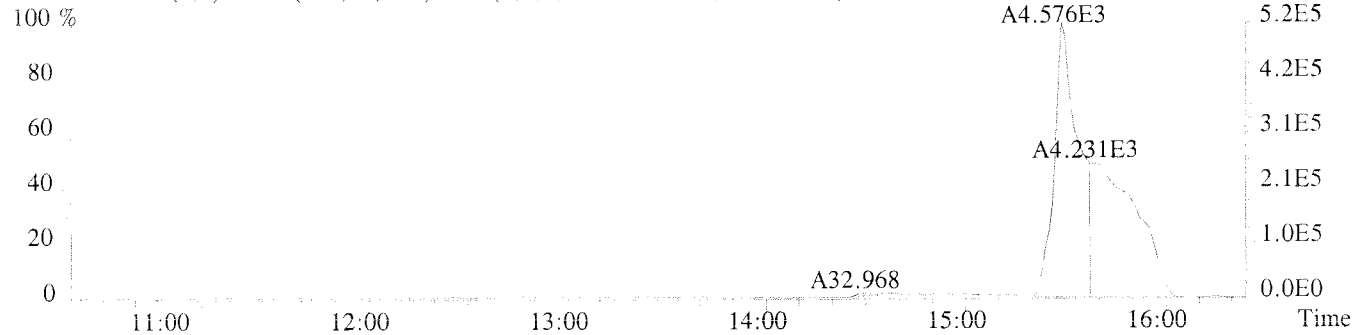
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9180.0,1.00%,F,T)



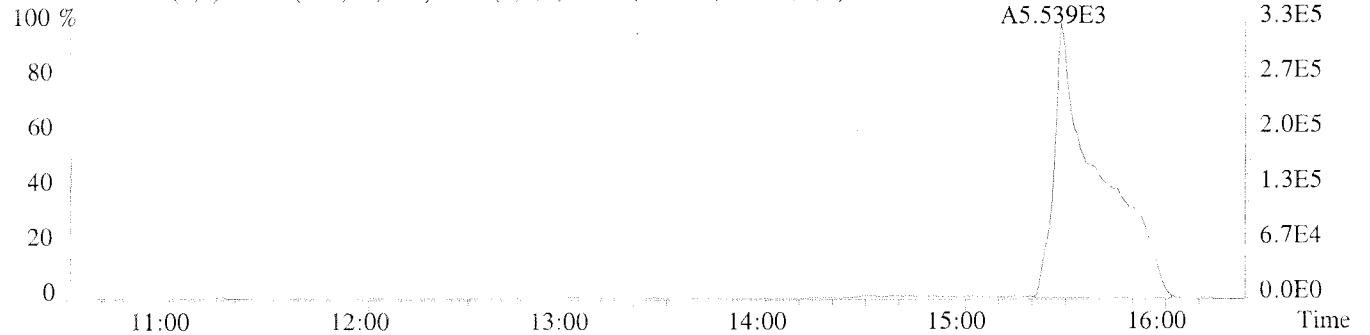
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,109728.0,1.00%,F,T)



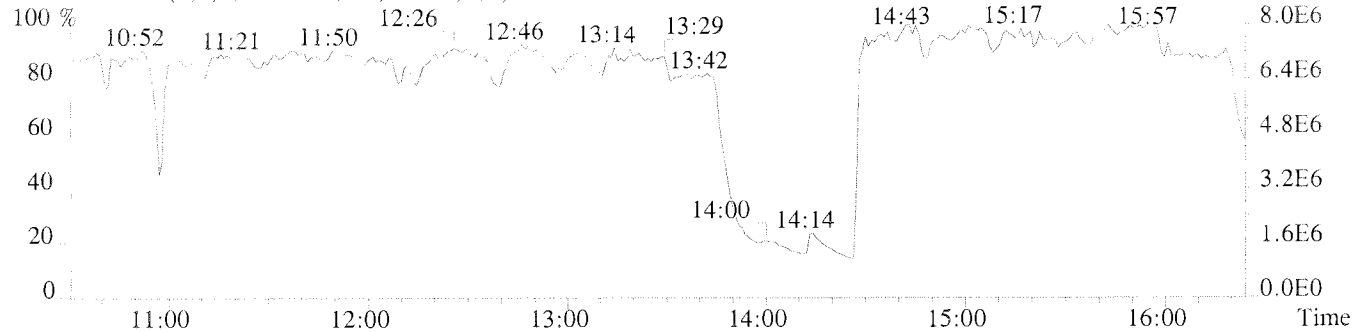
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3040.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1576.0,1.00%,F,T)

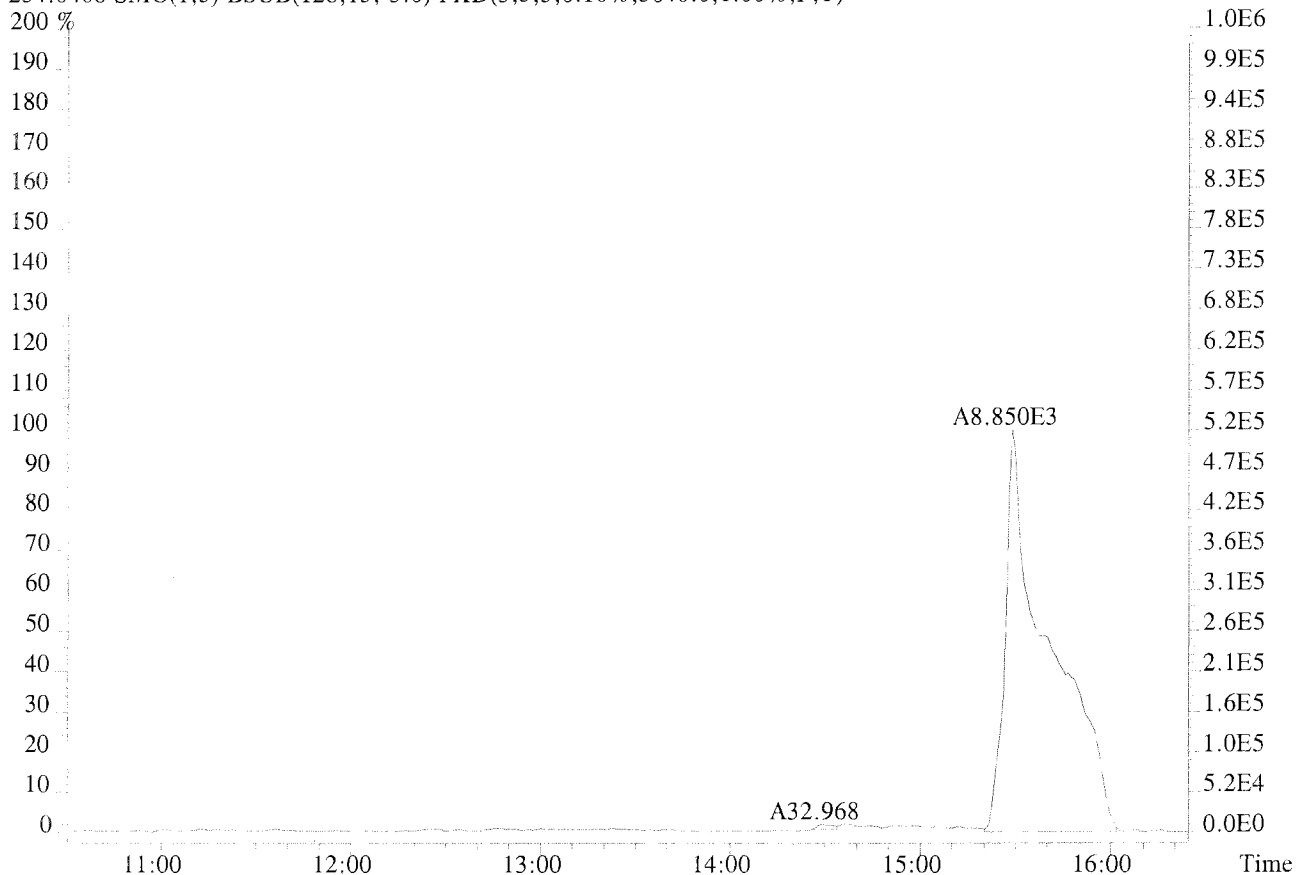


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

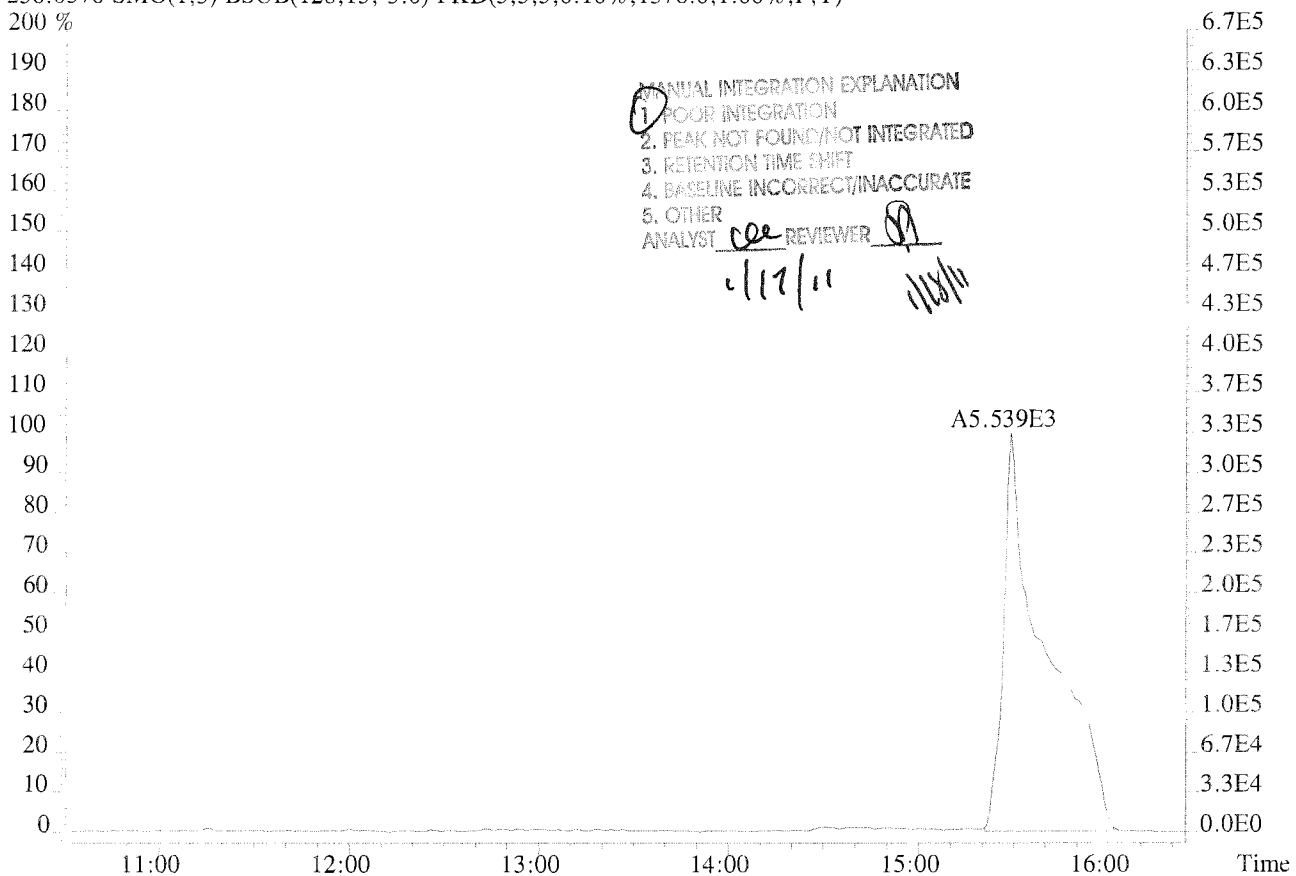


File:U224755 #1-379 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass s£
Sample#1 Exp:K1013433-006 USENN/S042

234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3040.0,1.00%,F,T)

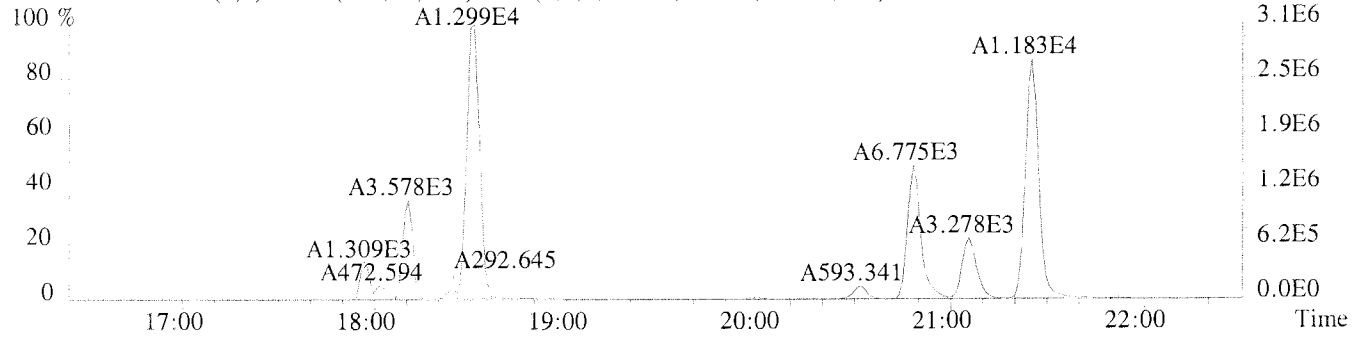


236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1576.0,1.00%,F,T)

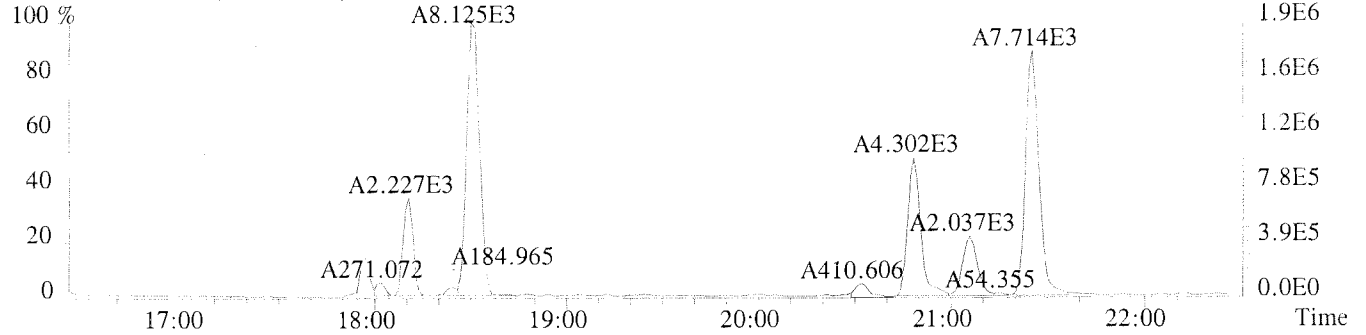


File:U224755 #1-337 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-006 USENN/S042

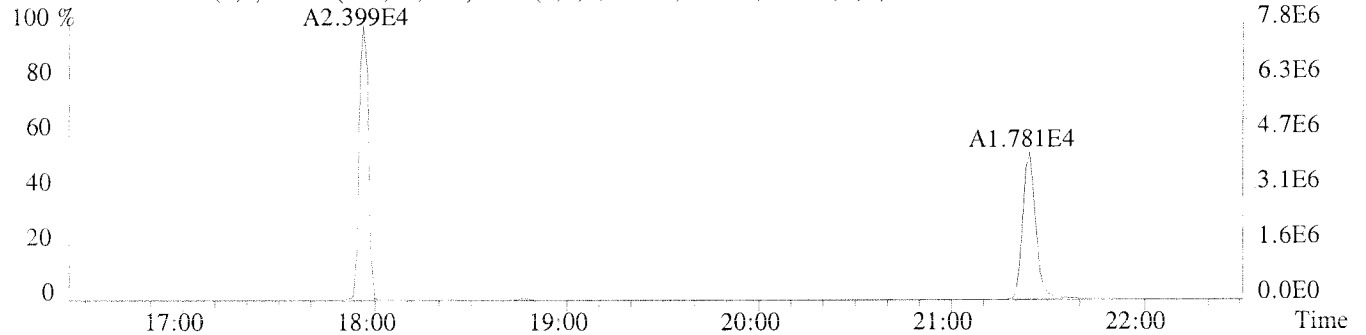
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1140.0,1.00%,F,T)



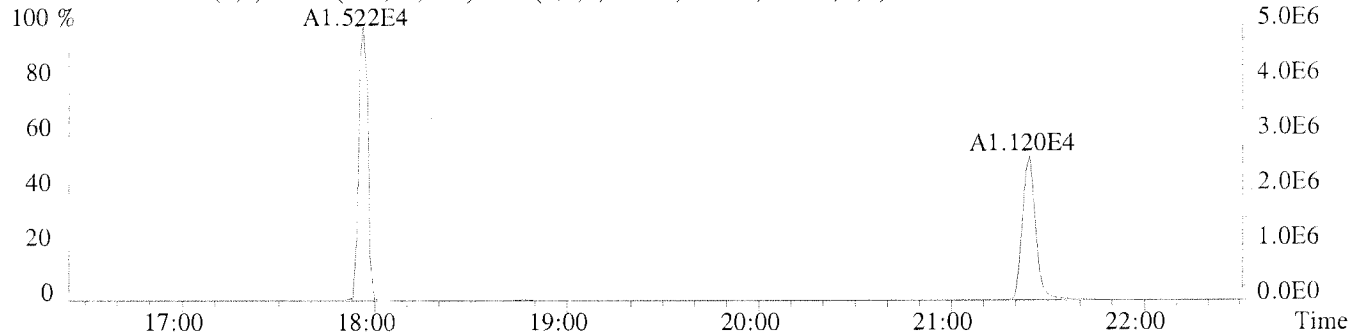
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,19244.0,1.00%,F,T)



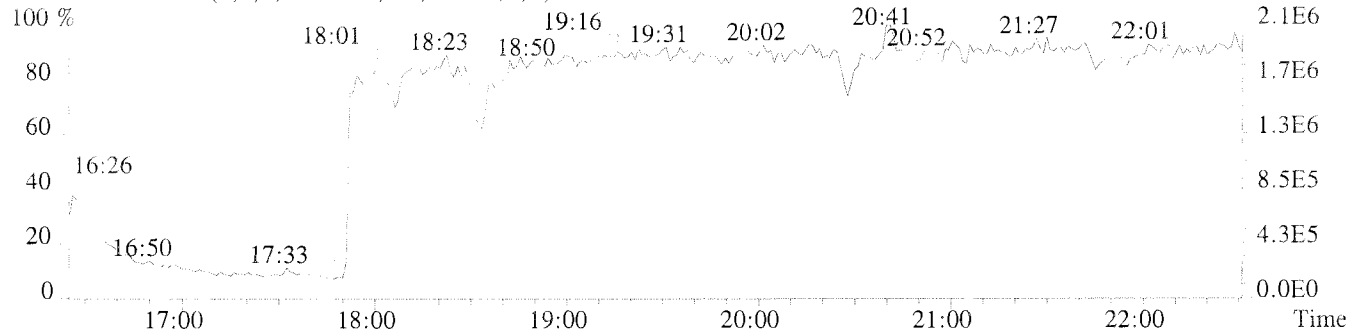
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8220.0,1.00%,F,T)



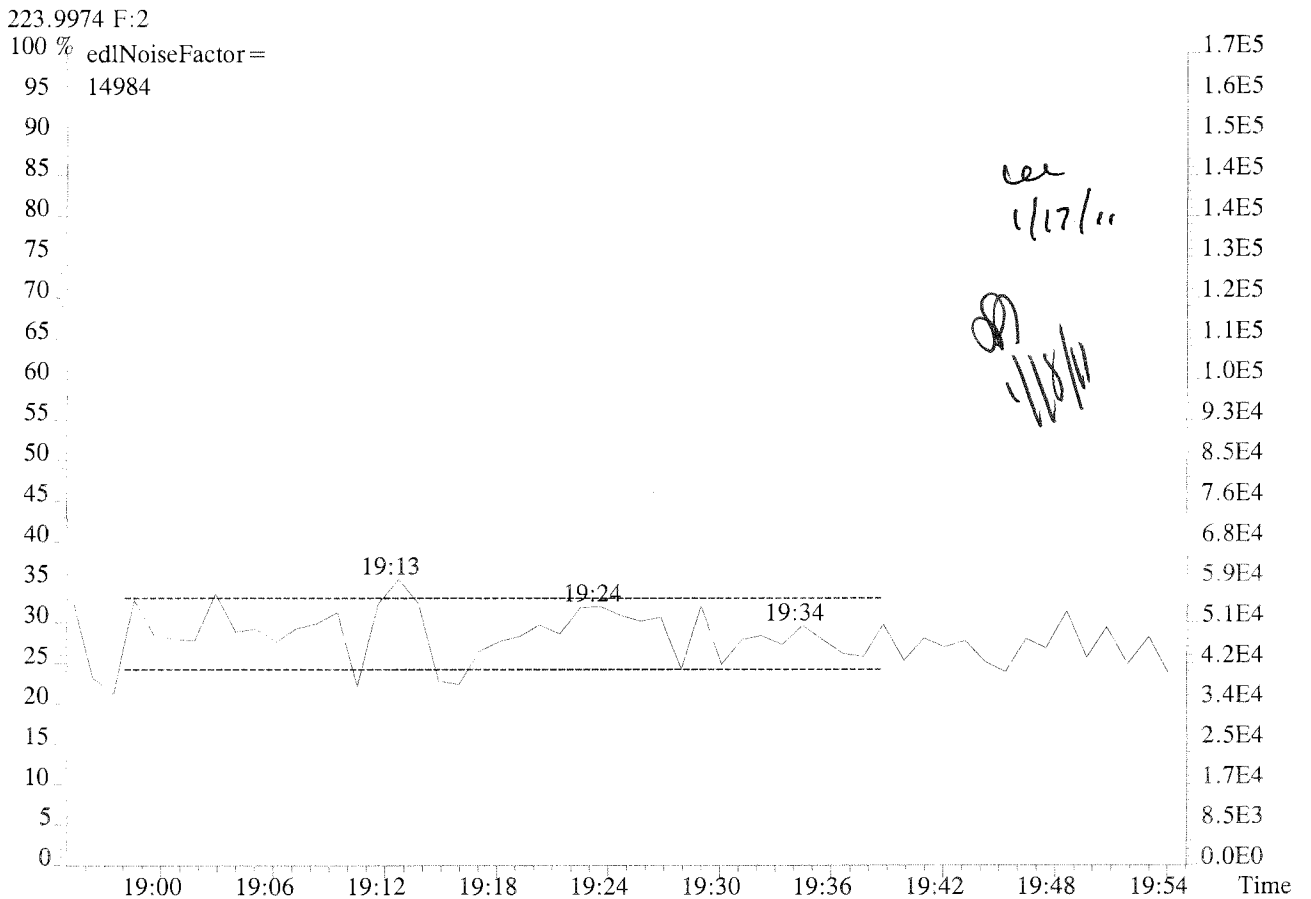
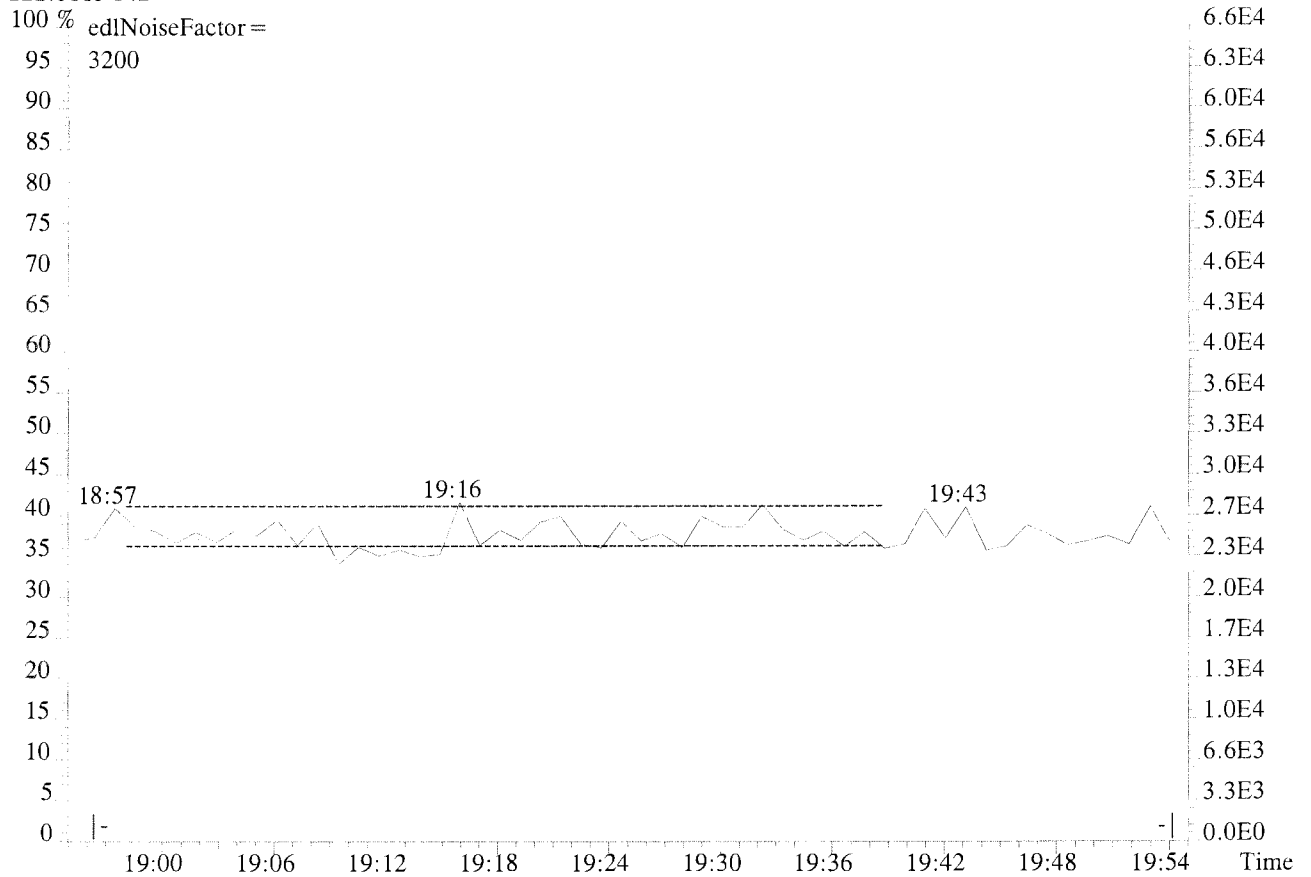
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1512.0,1.00%,F,T)



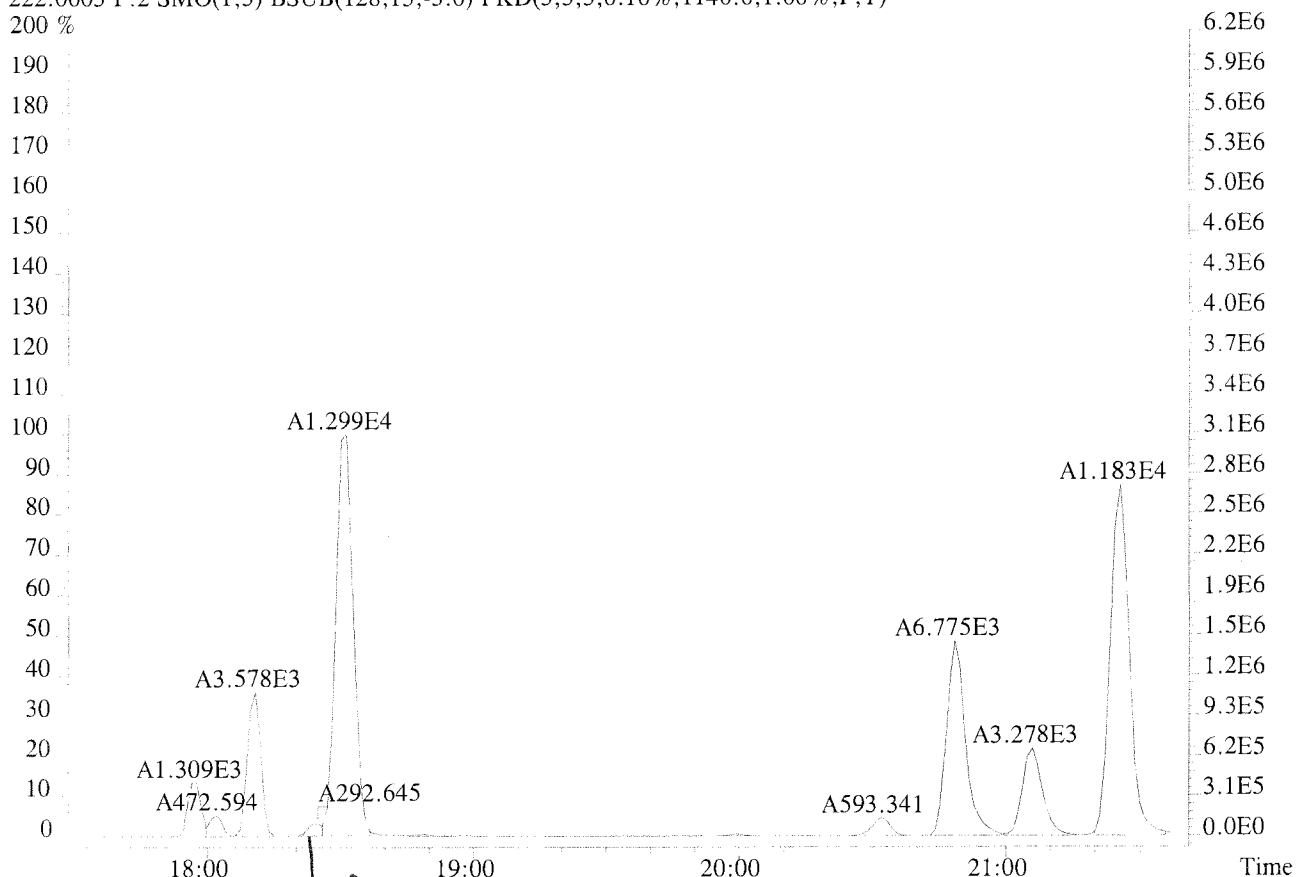
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



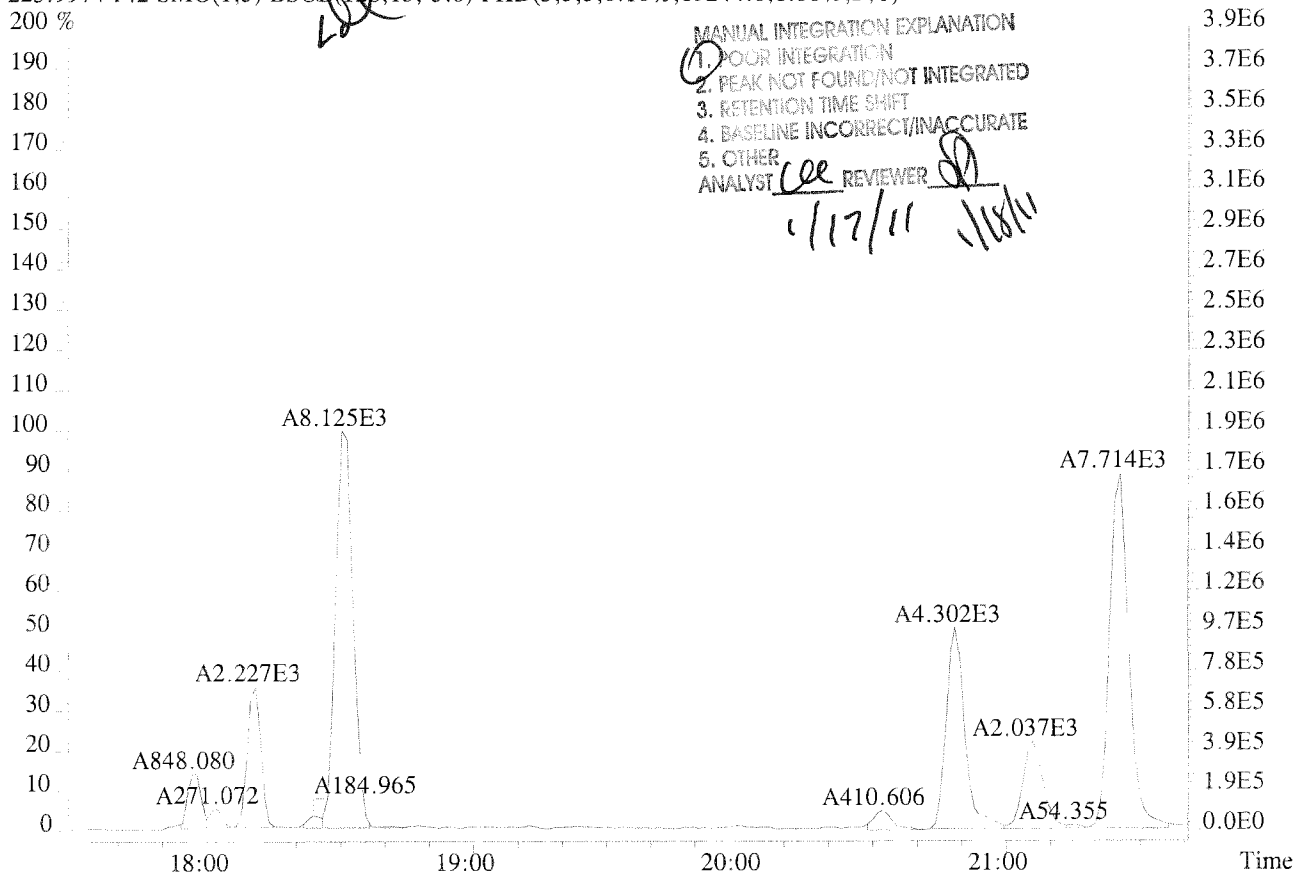
File:U224755 #1-337 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:K1013433-006 USENN/S042
222.0003 F:2

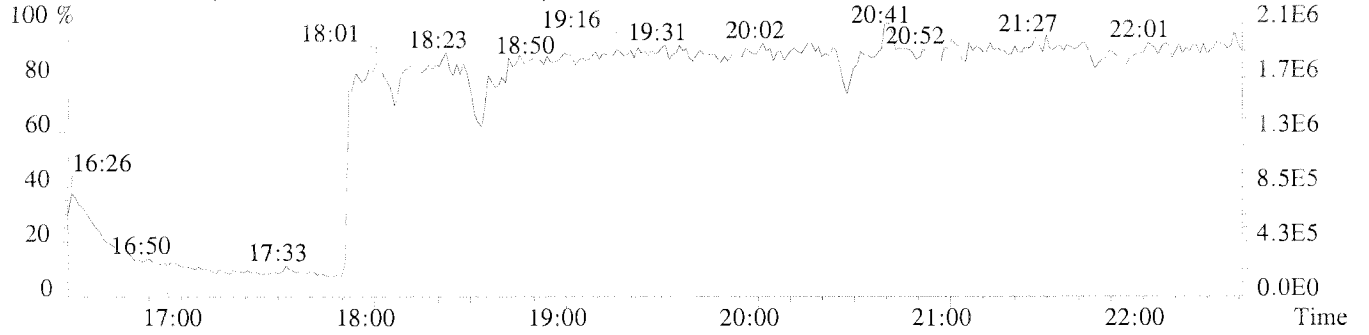
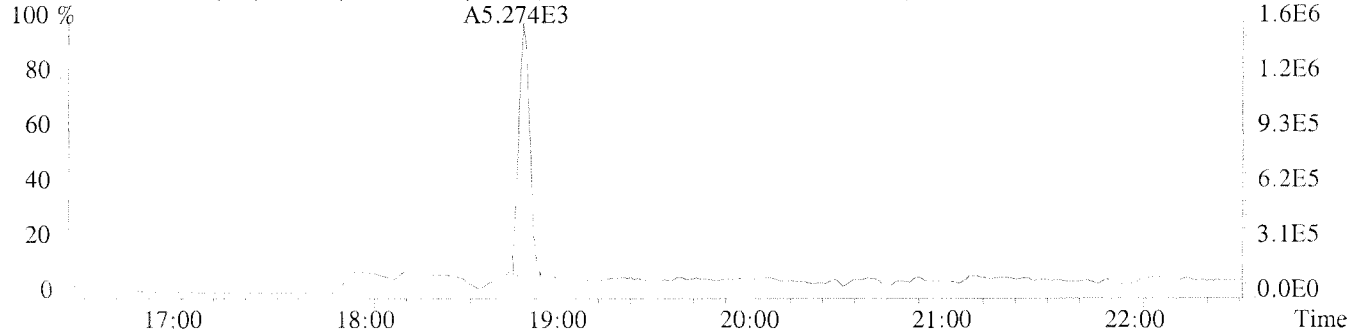
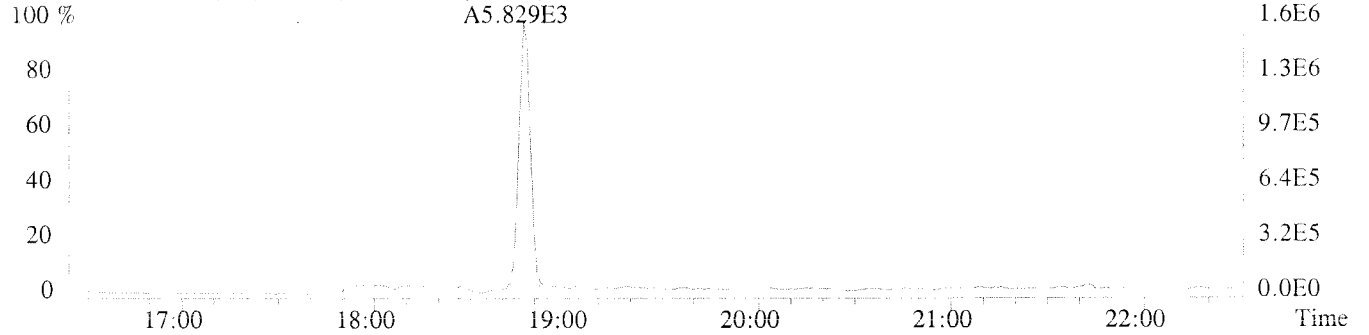
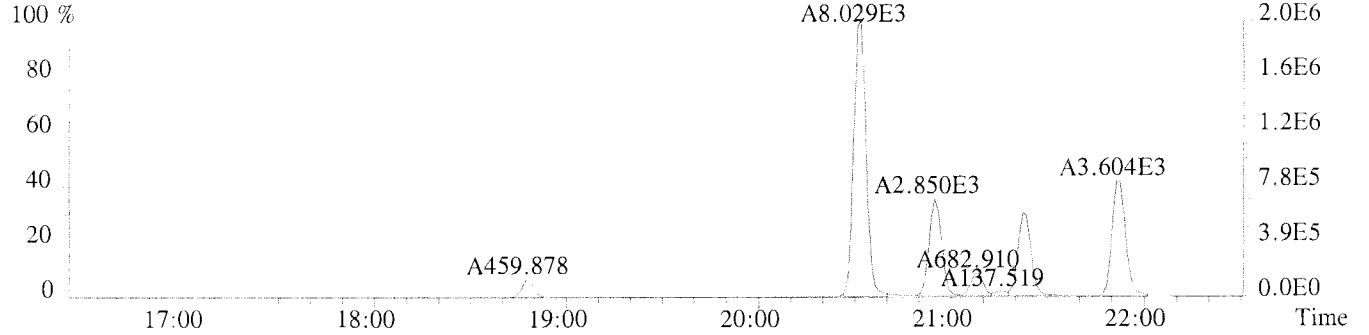
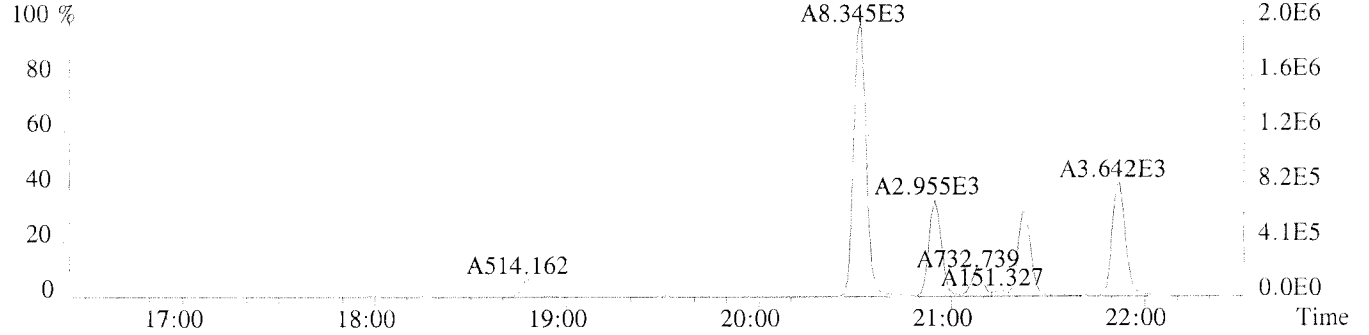


File:U224755 #1-337 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-006 USENN/S042
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1140.0,1.00%,F,T)
 200 %



223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,19244.0,1.00%,F,T)

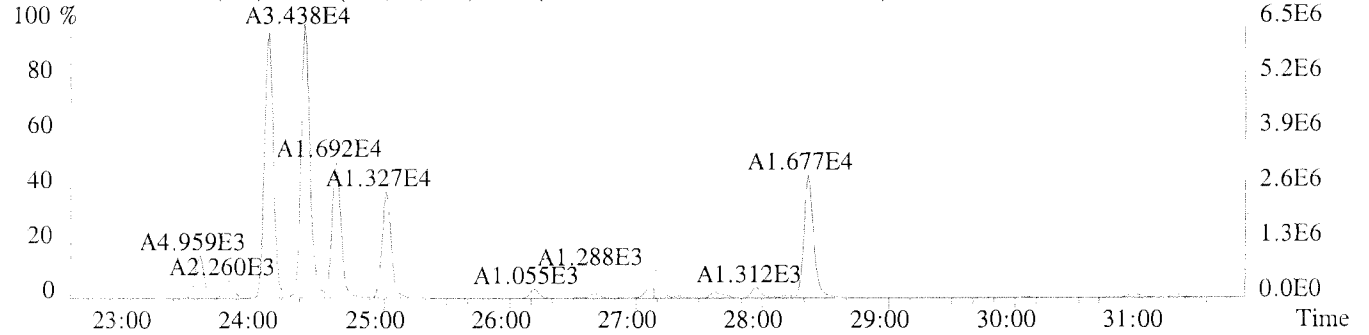




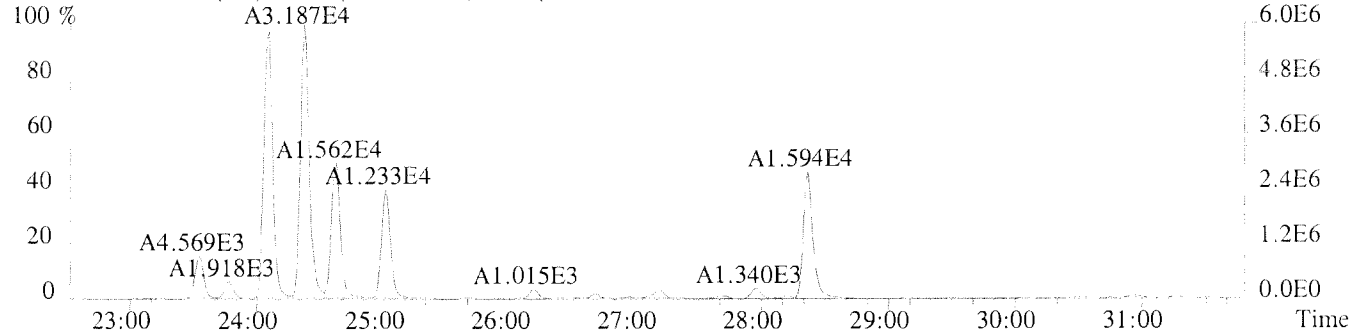
File:U224755 #1-594 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-006 USENN/S042

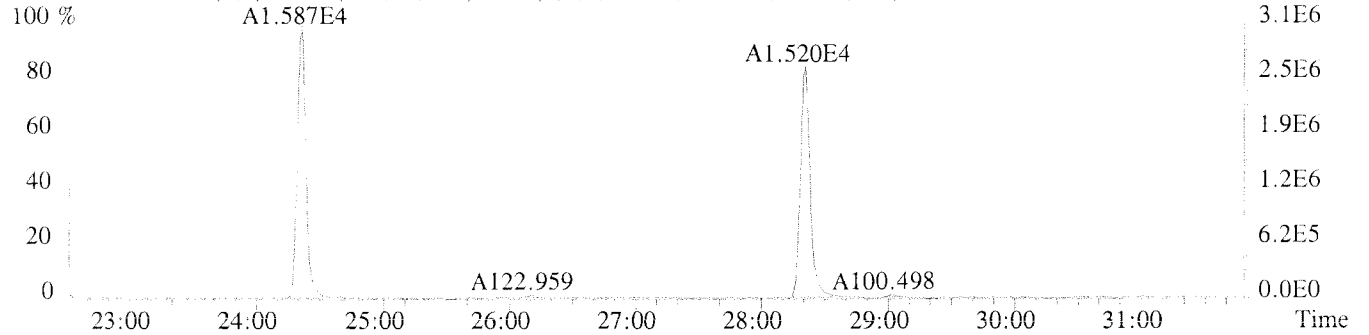
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2692.0,1.00%,F,T)



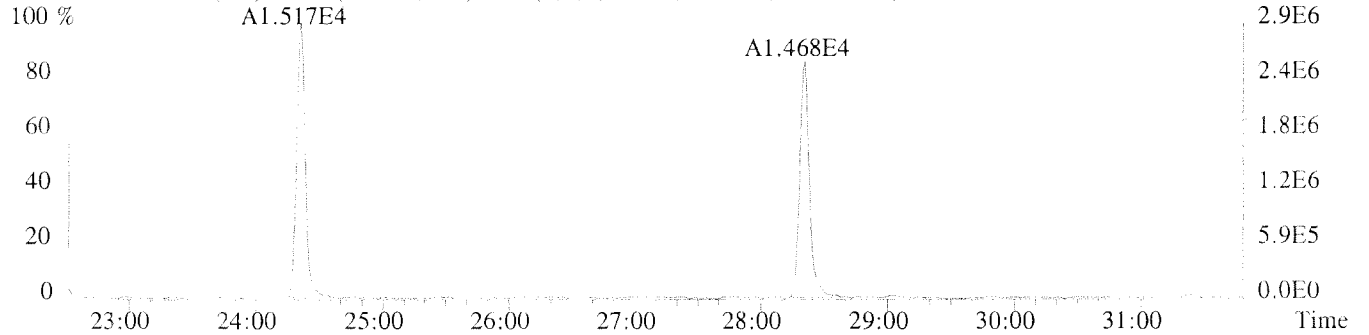
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8196.0,1.00%,F,T)



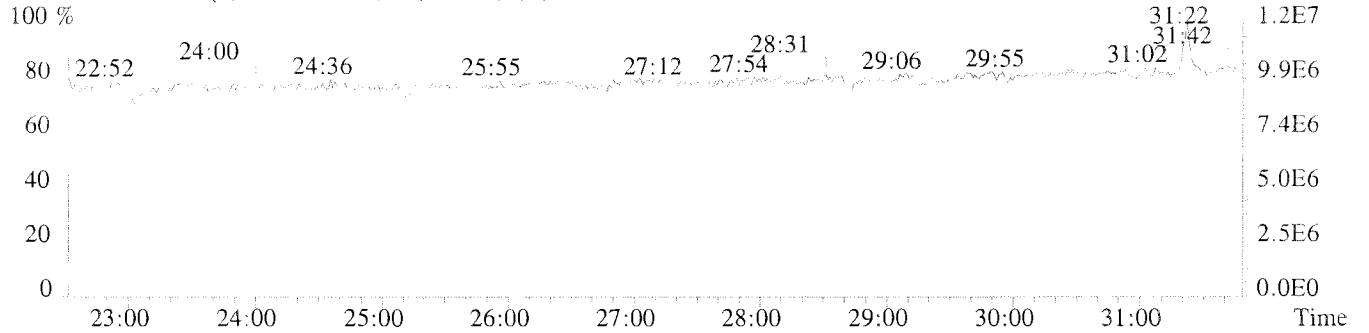
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12196.0,1.00%,F,T)



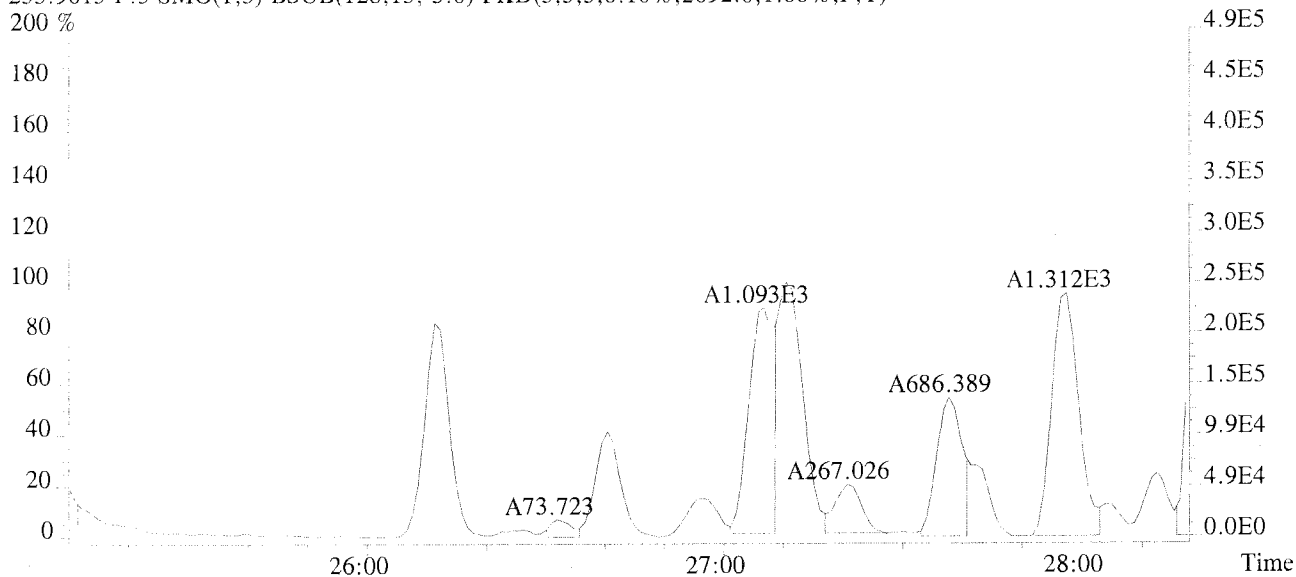
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,17796.0,1.00%,F,T)



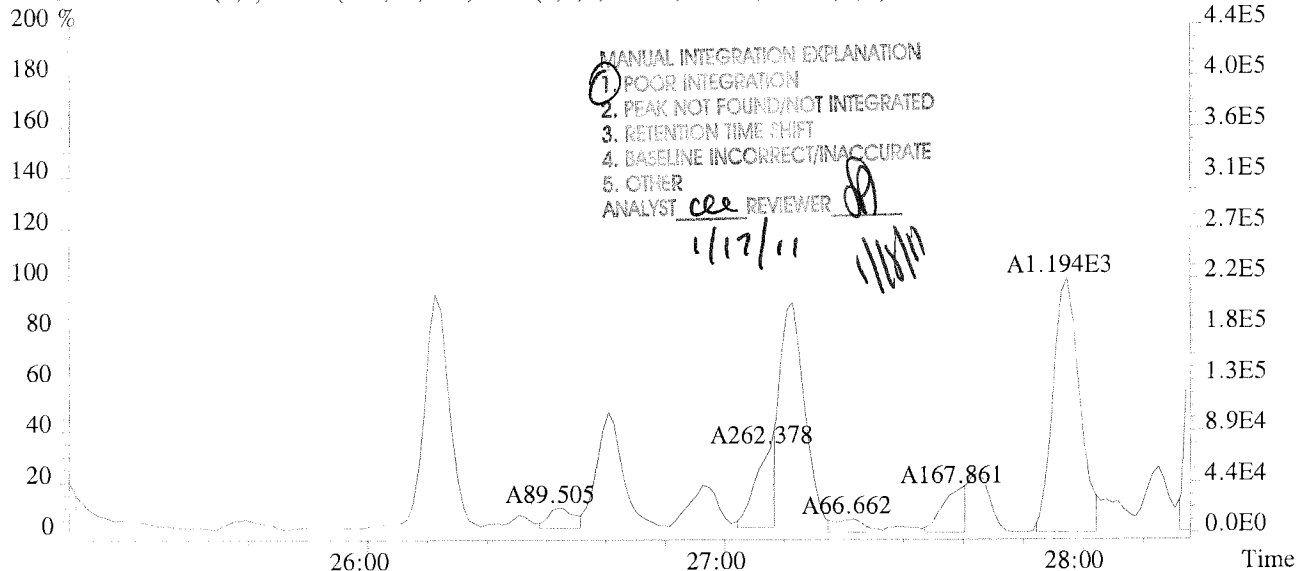
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



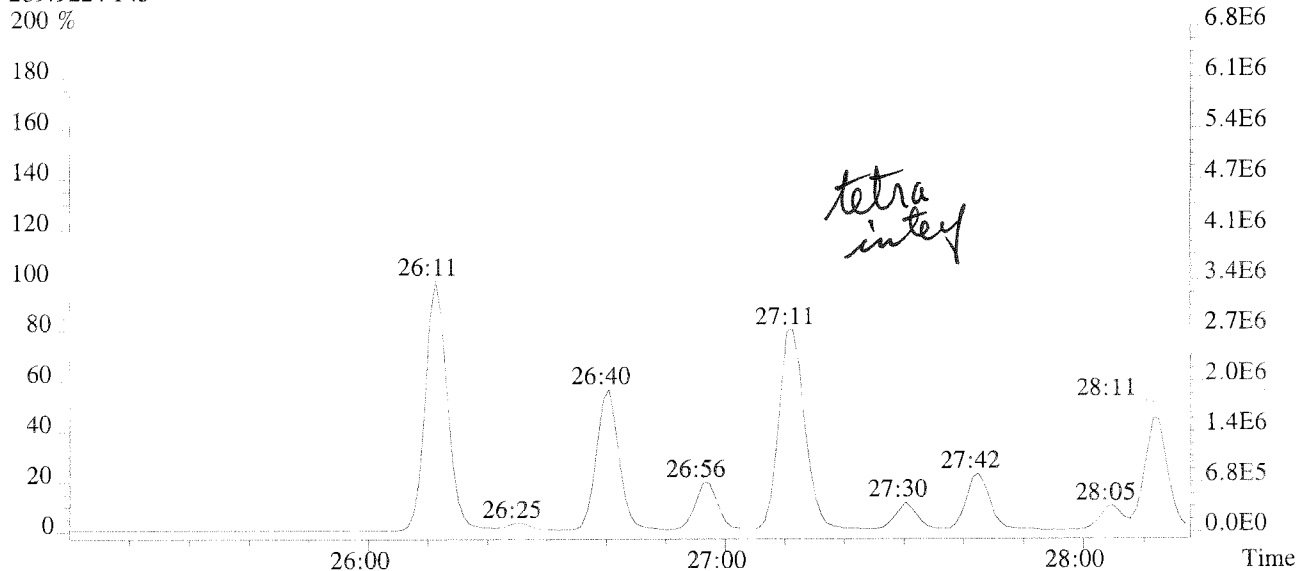
File:U224755 #1-594 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-006 USENN/S042
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2692.0,1.00%,F,T)
 200 %



257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8196.0,1.00%,F,T)
 200 %



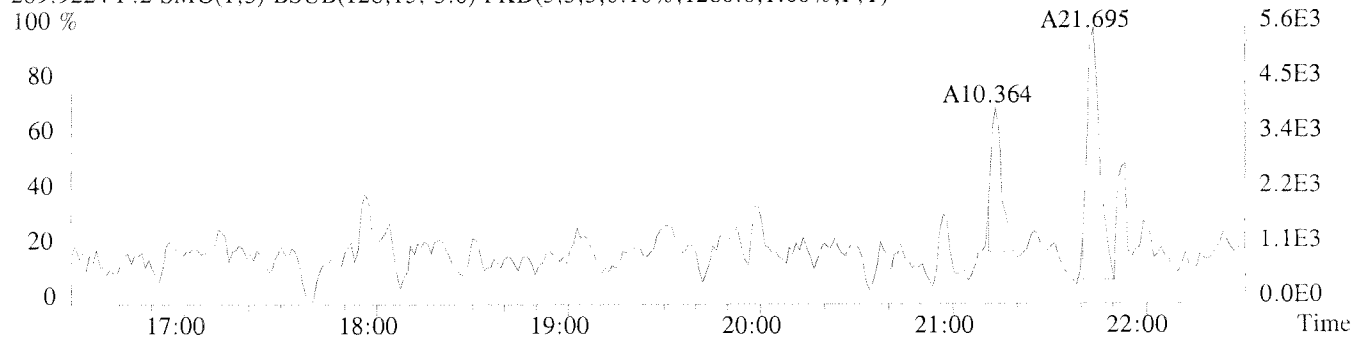
289.9224 F:3
 200 %



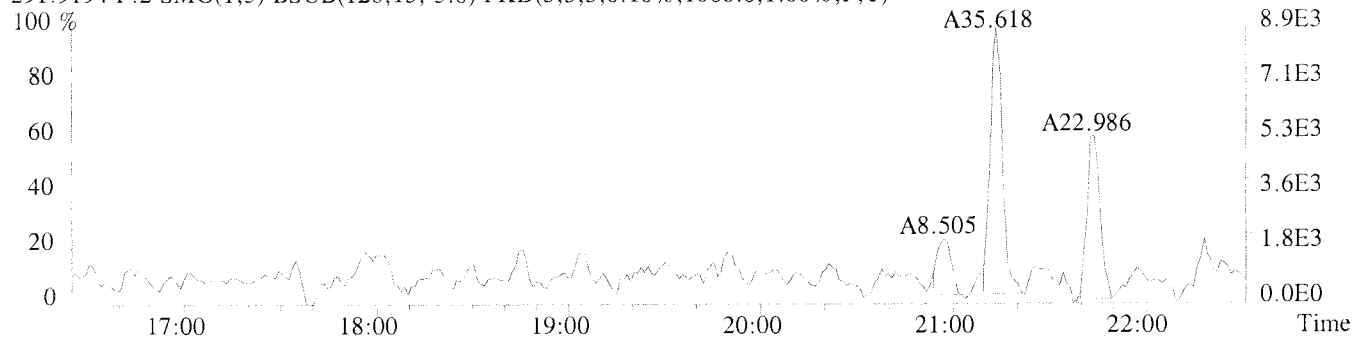
File:U224755 #1-337 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-006 USENN/S042

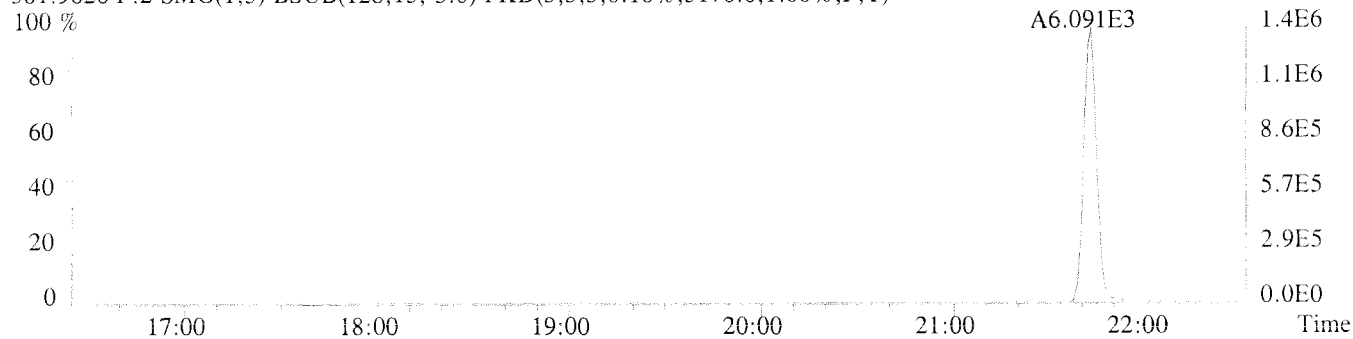
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,T)



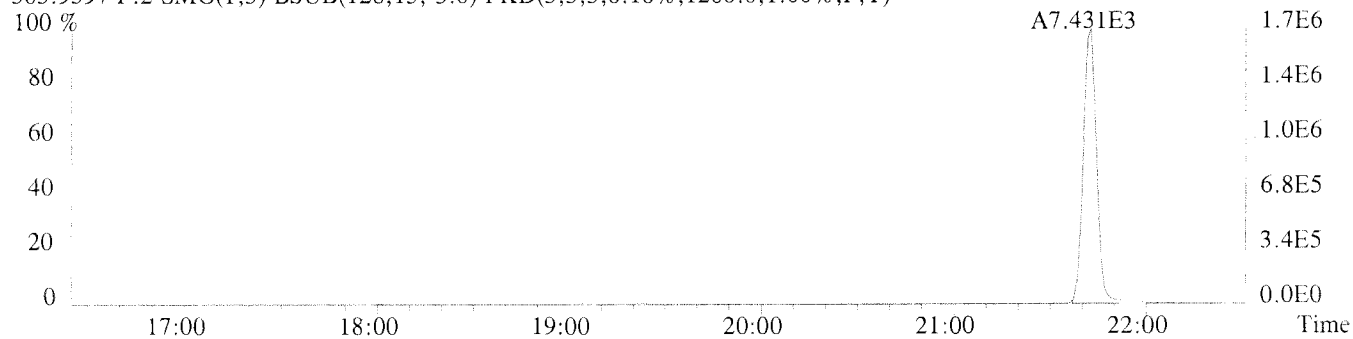
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1068.0,1.00%,F,T)



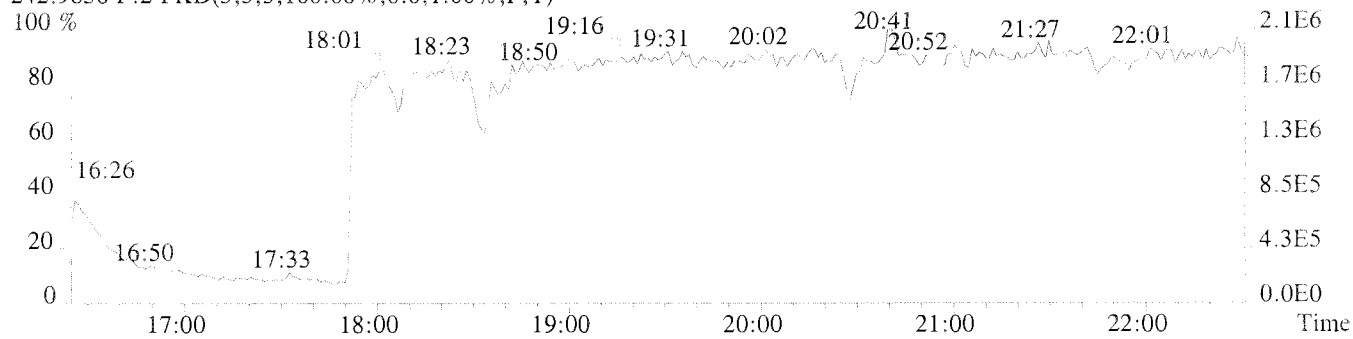
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5176.0,1.00%,F,T)



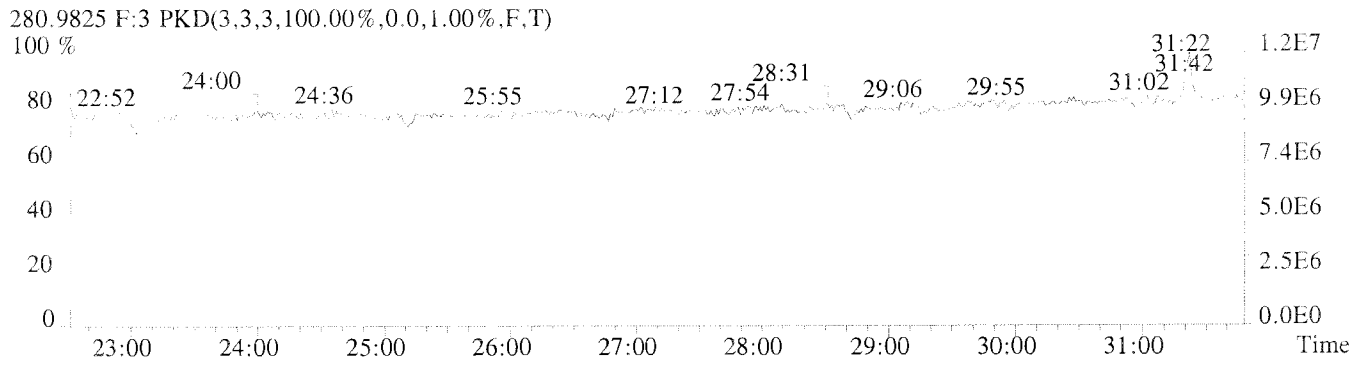
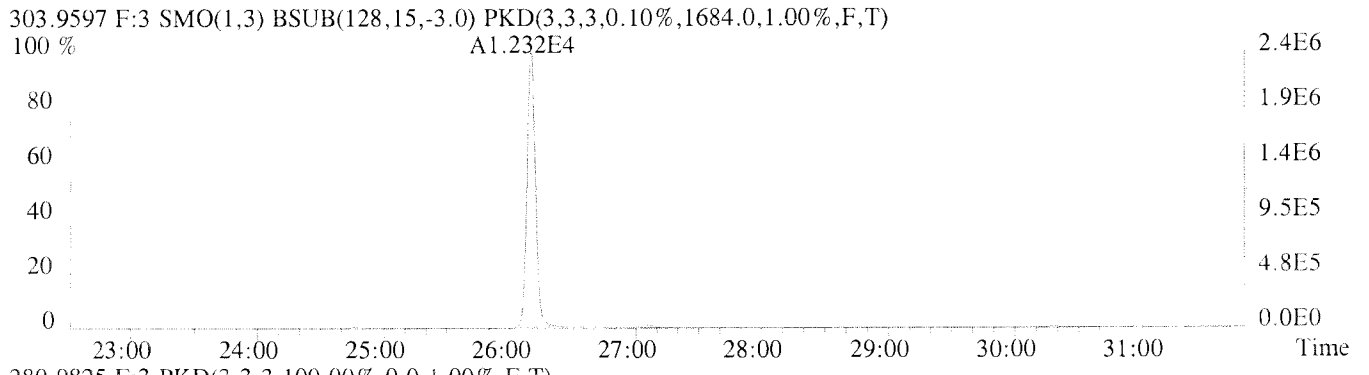
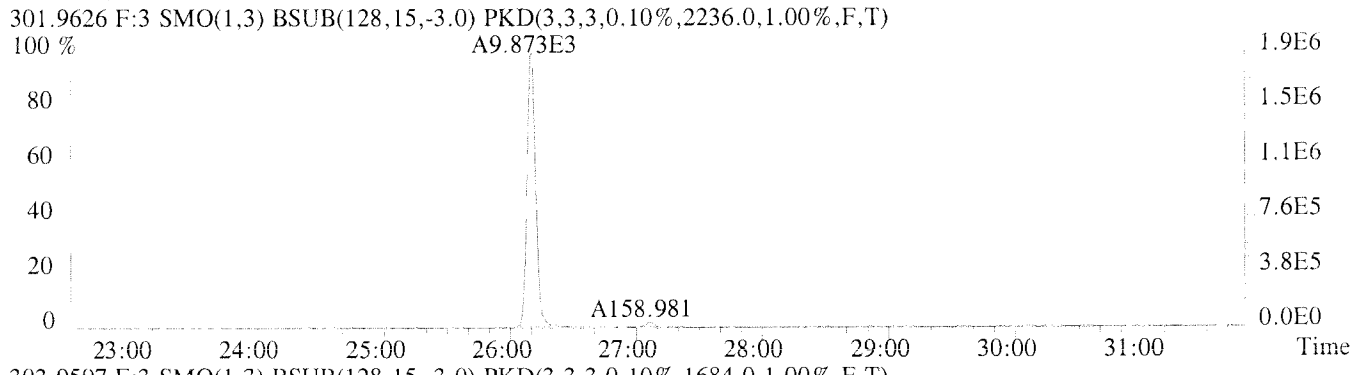
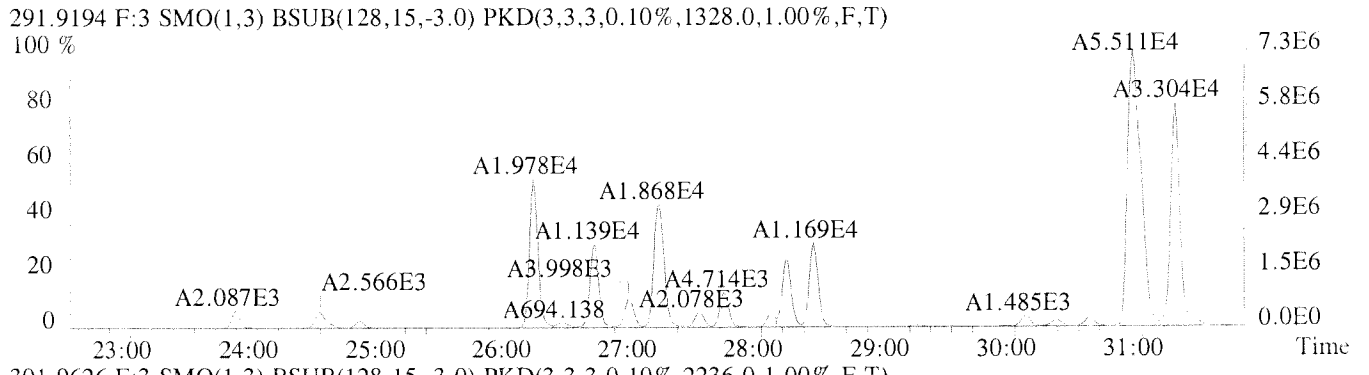
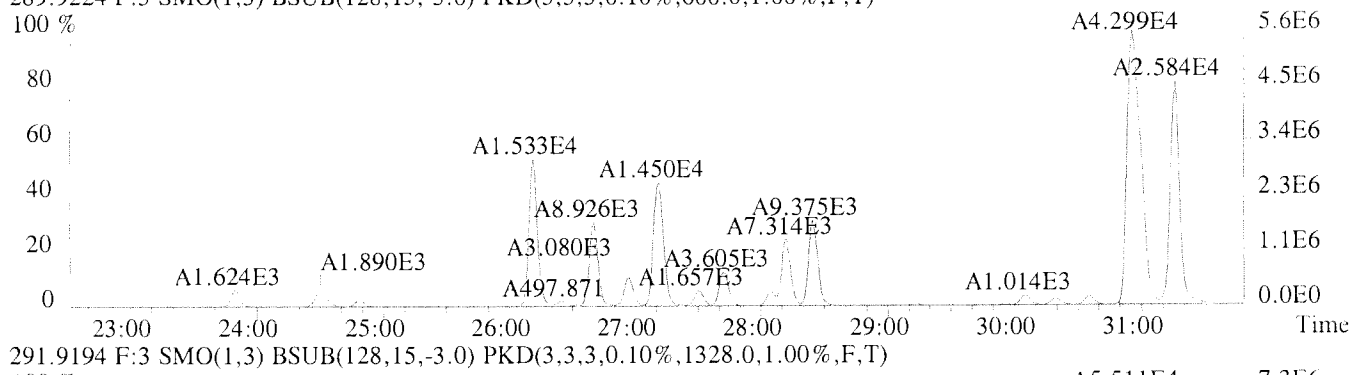
303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1200.0,1.00%,F,T)



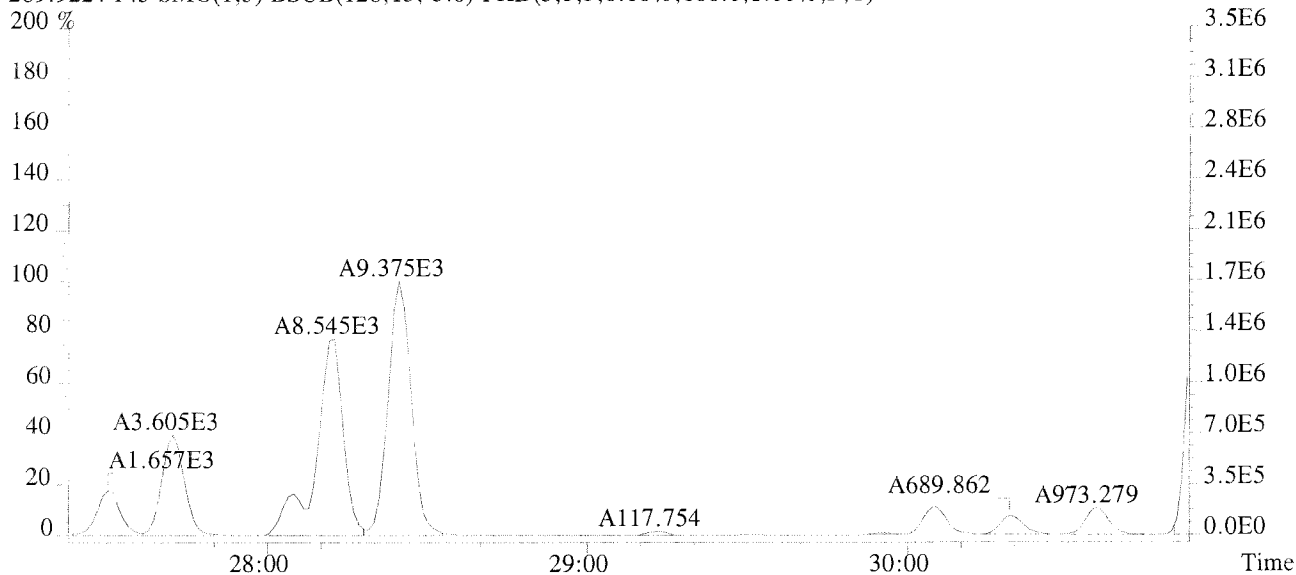
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



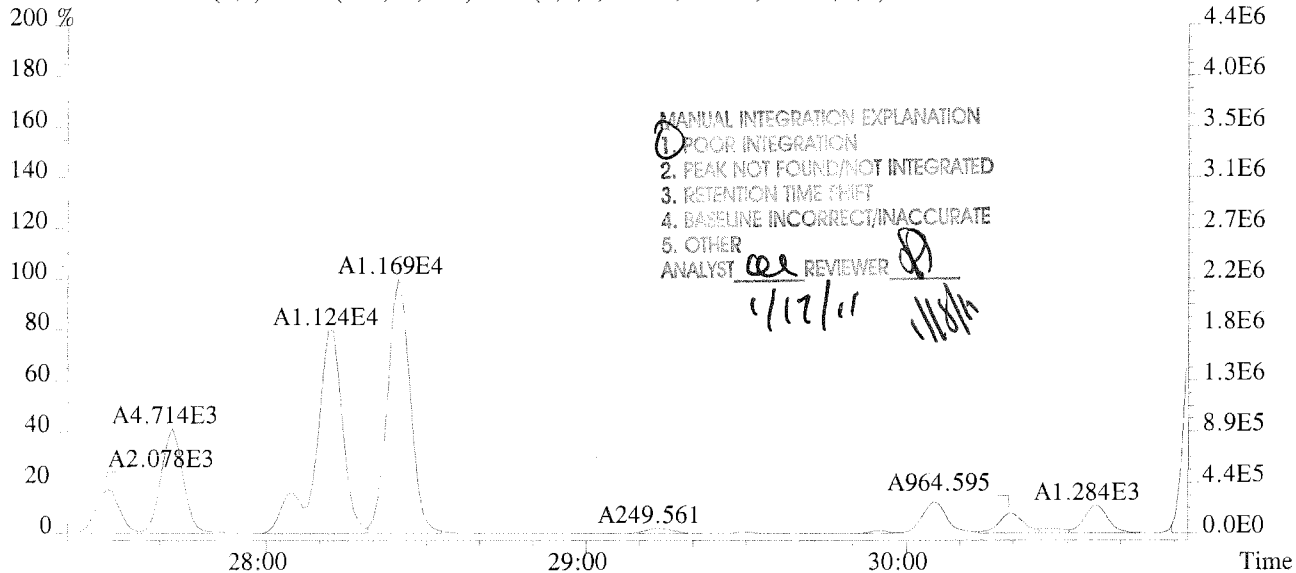
File:U224755 #1-594 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-006 USENN/S042
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,600.0,1.00%,F,T)
 100 %



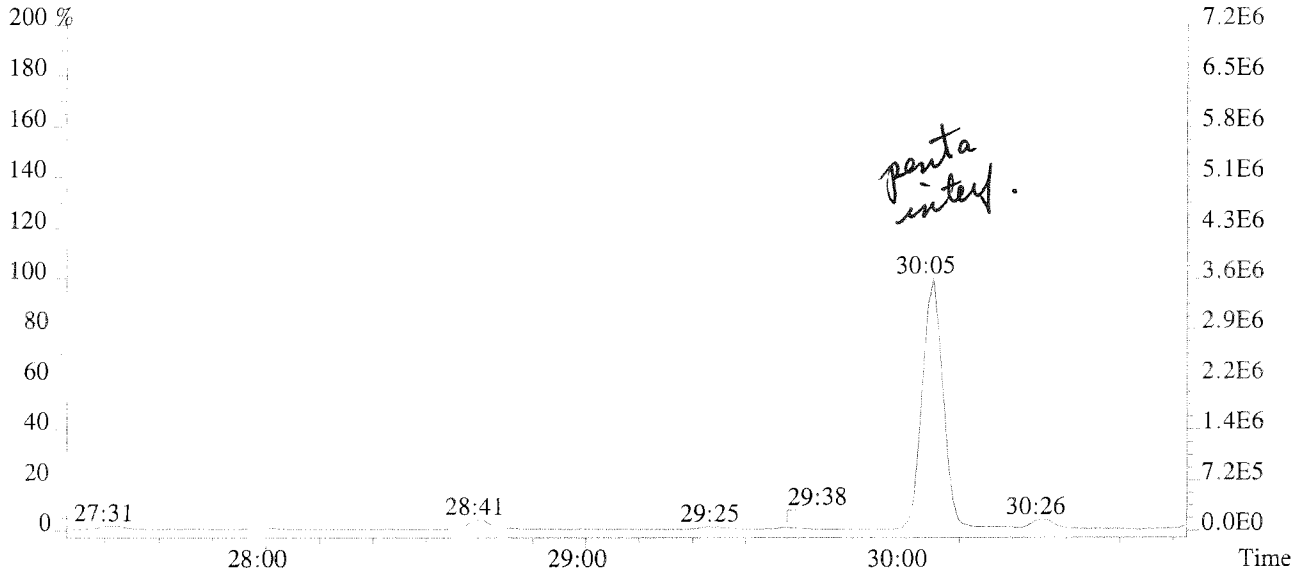
File:U224755 #1-594 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-006 USENN/S042
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,600.0,1.00%,F,T)



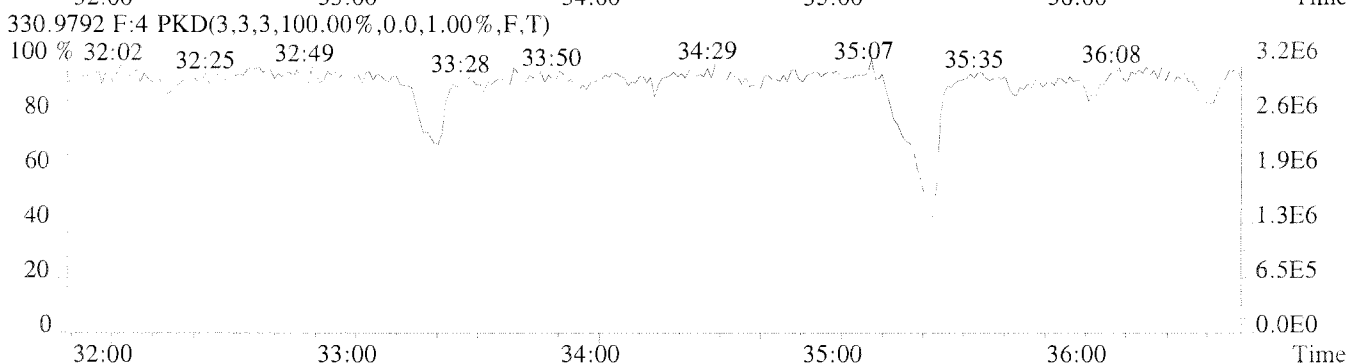
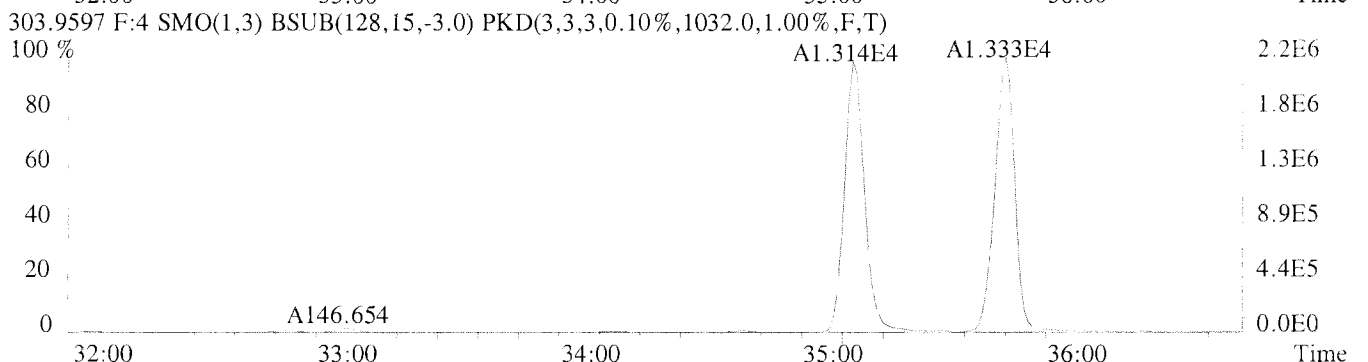
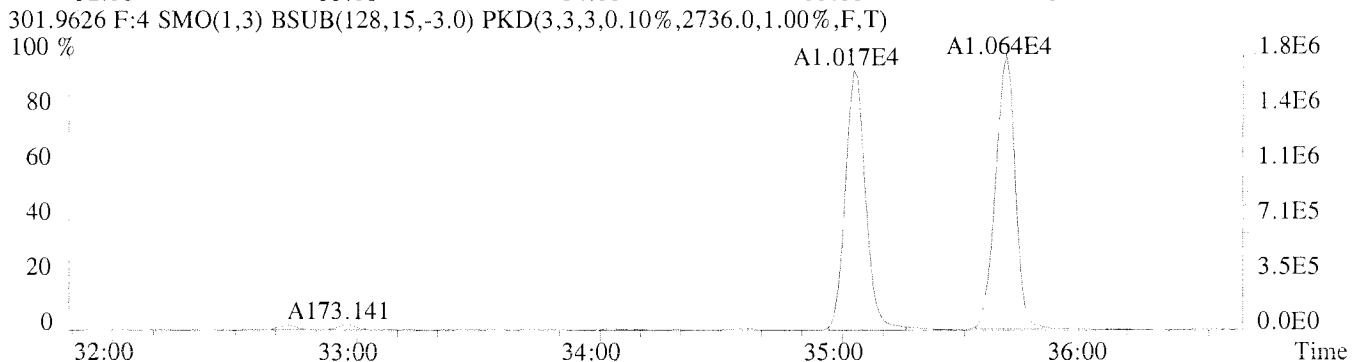
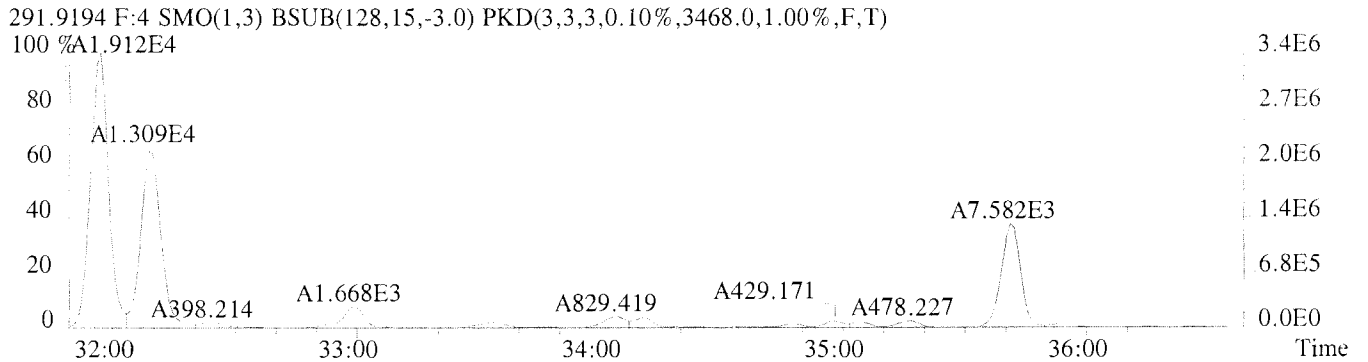
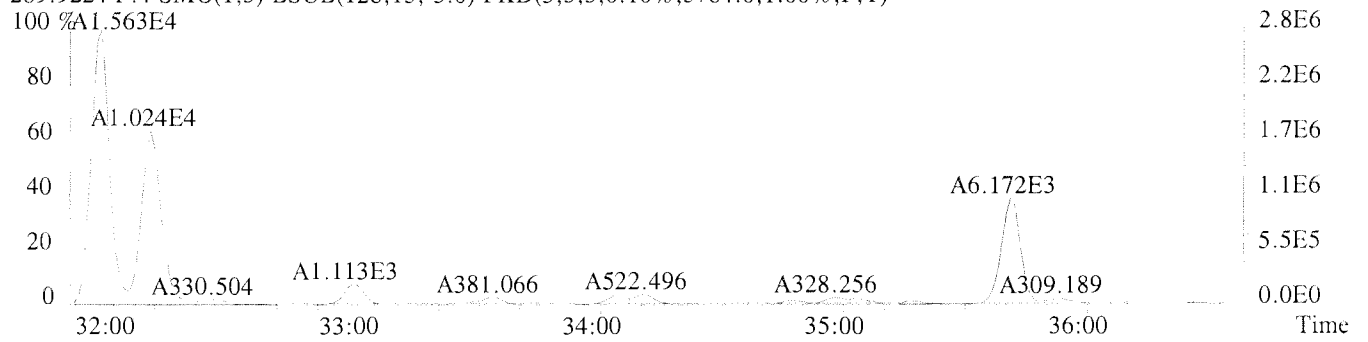
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1328.0,1.00%,F,T)



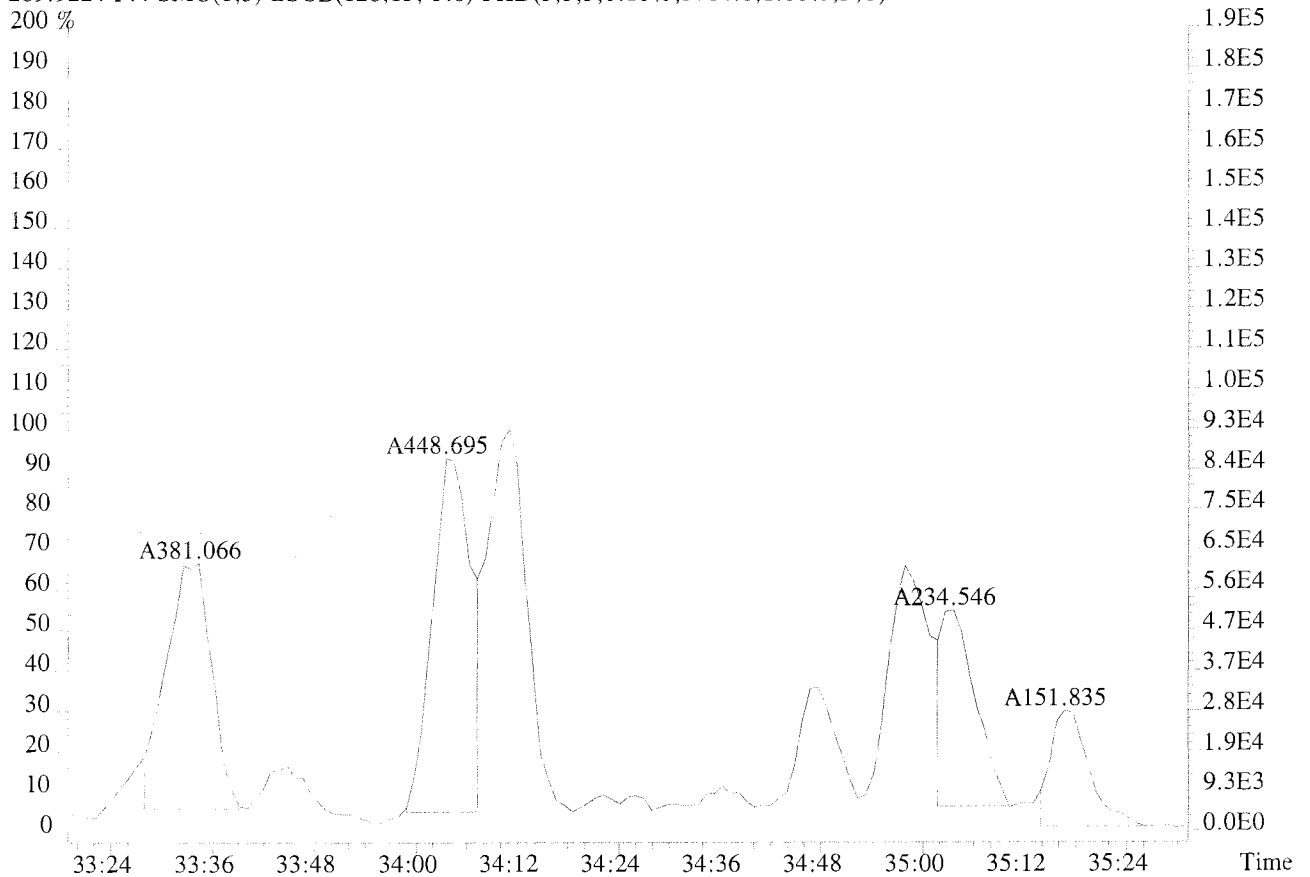
325.8804 F:3



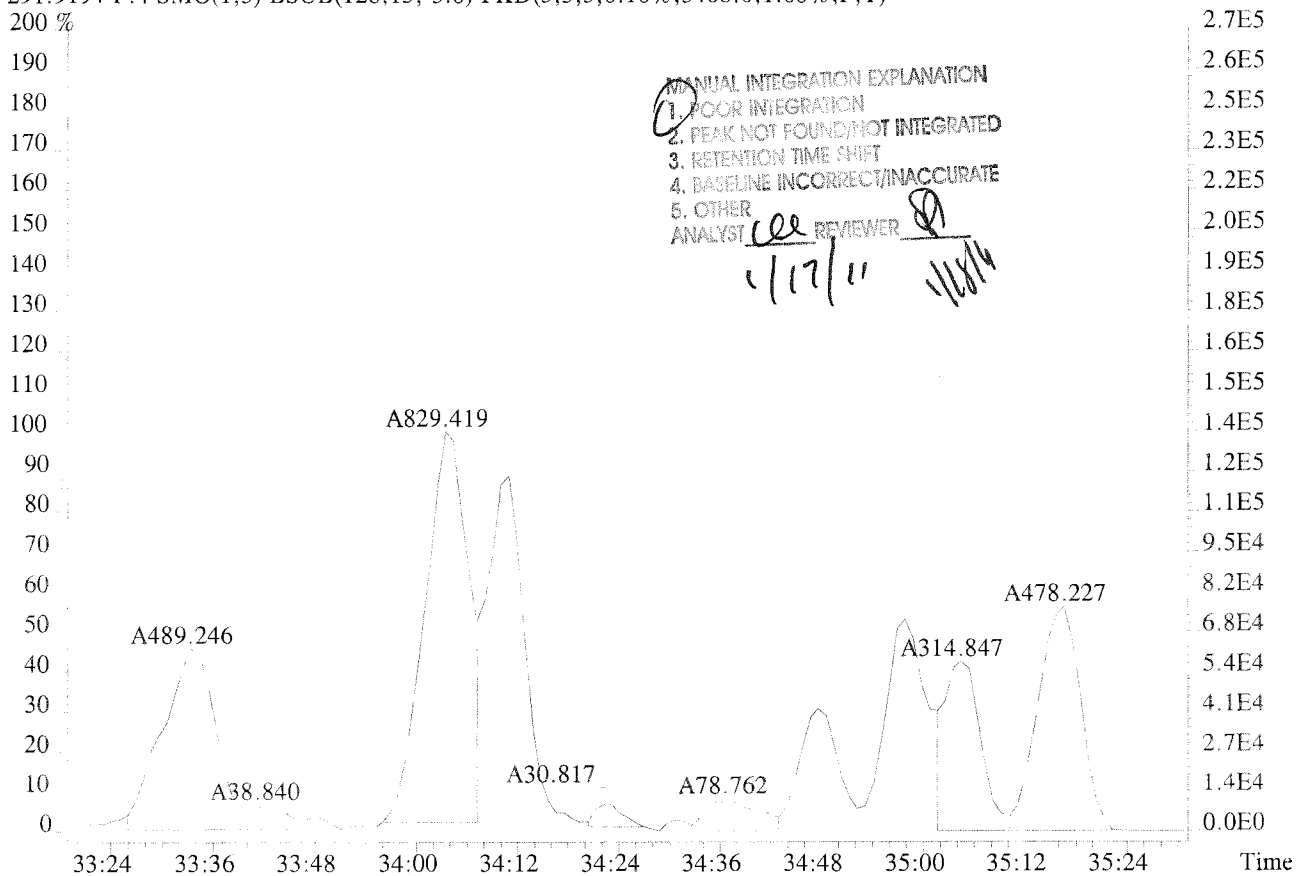
File:U224755 #1-309 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-006 USENN/S042
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5784.0,1.00%,F,T)
 100 %A1.563E4



File:U224755 #1-309 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-006 USENN/S042
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5784.0,1.00%,F,T)
 200 %

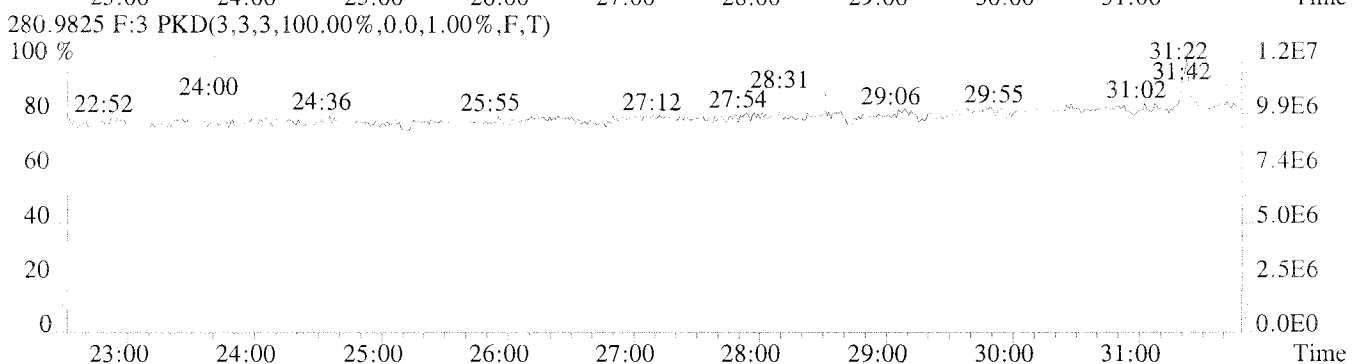
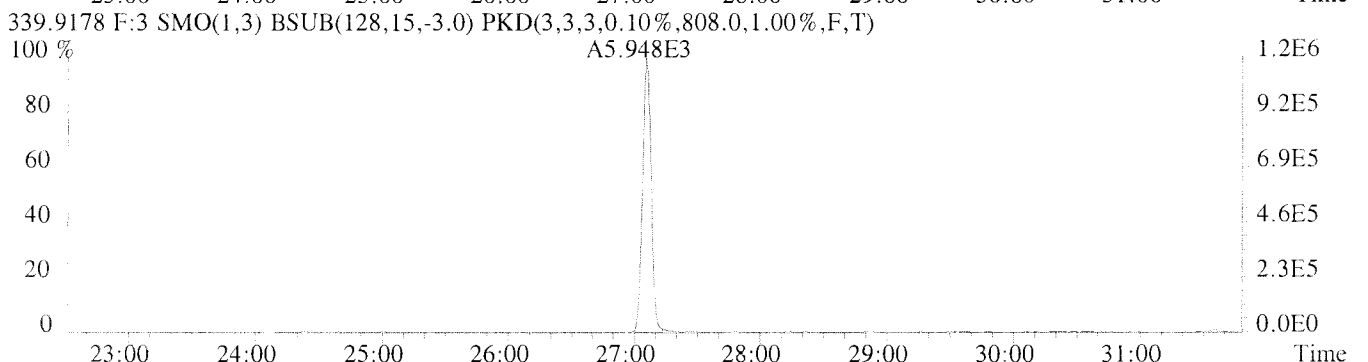
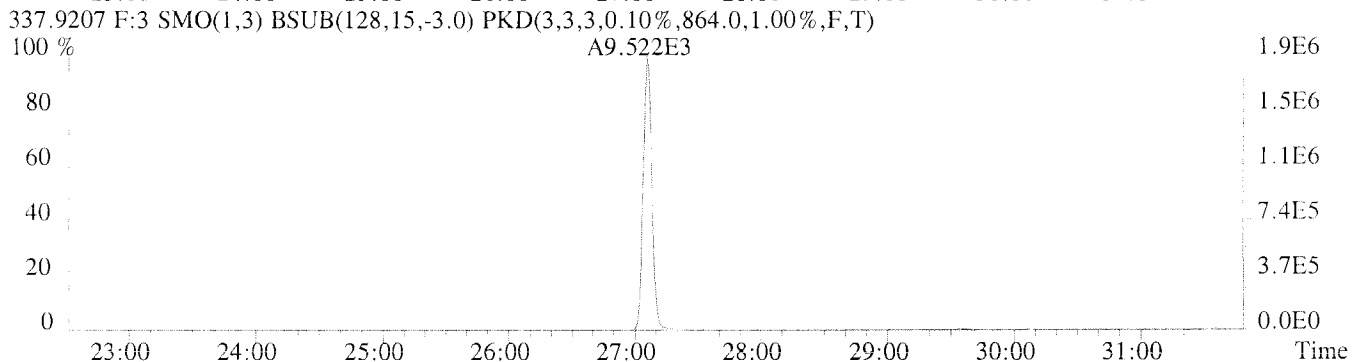
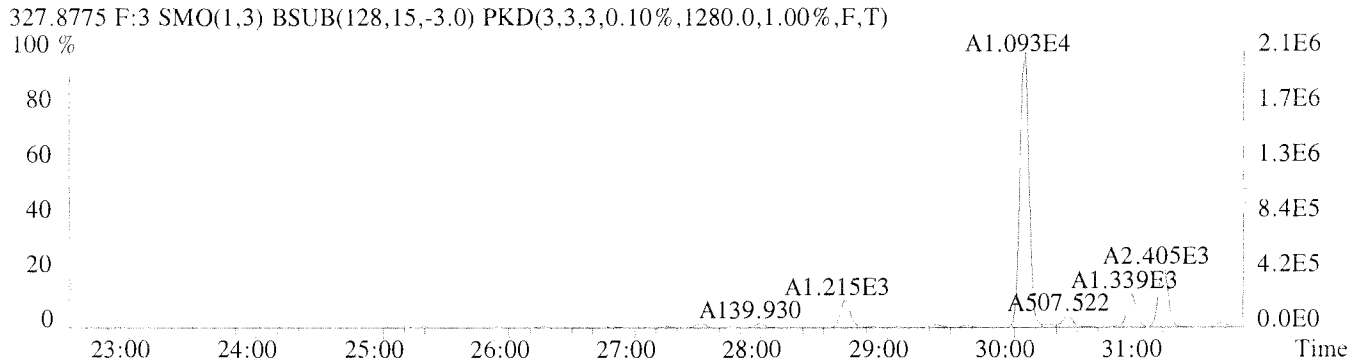
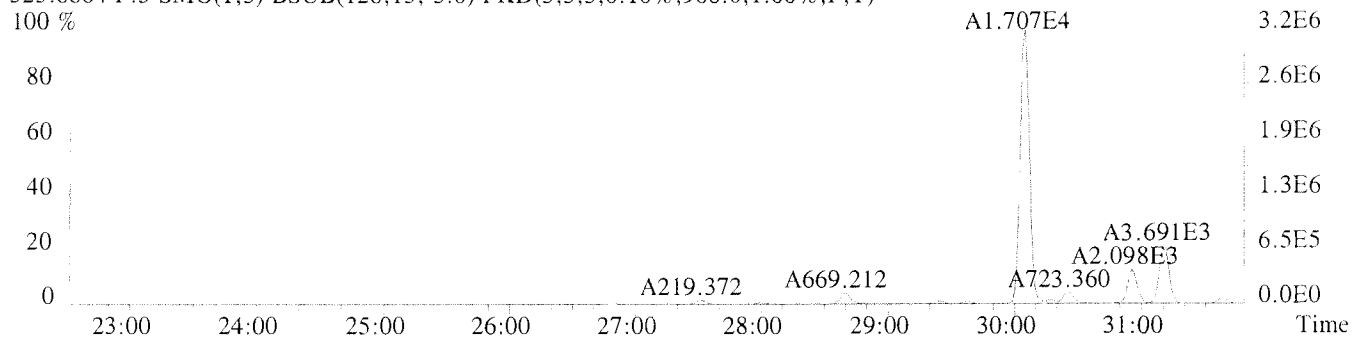


291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3468.0,1.00%,F,T)
 200 %

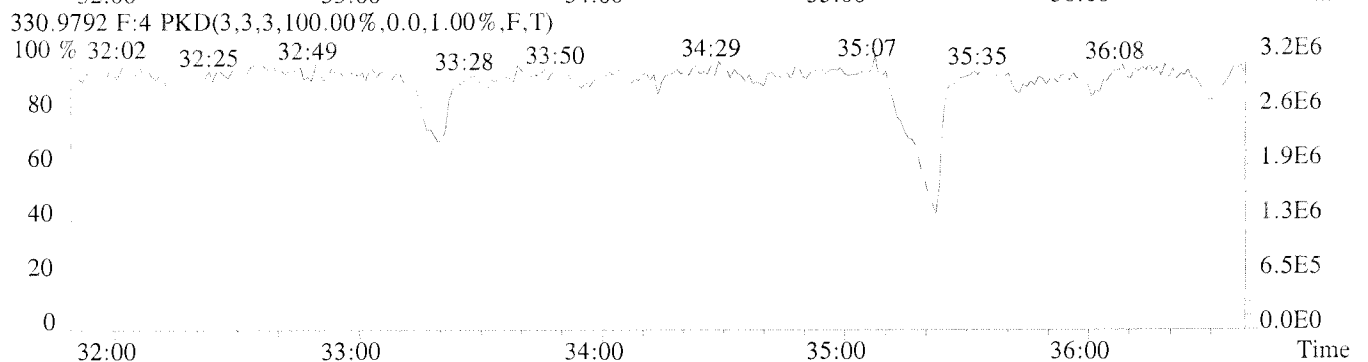
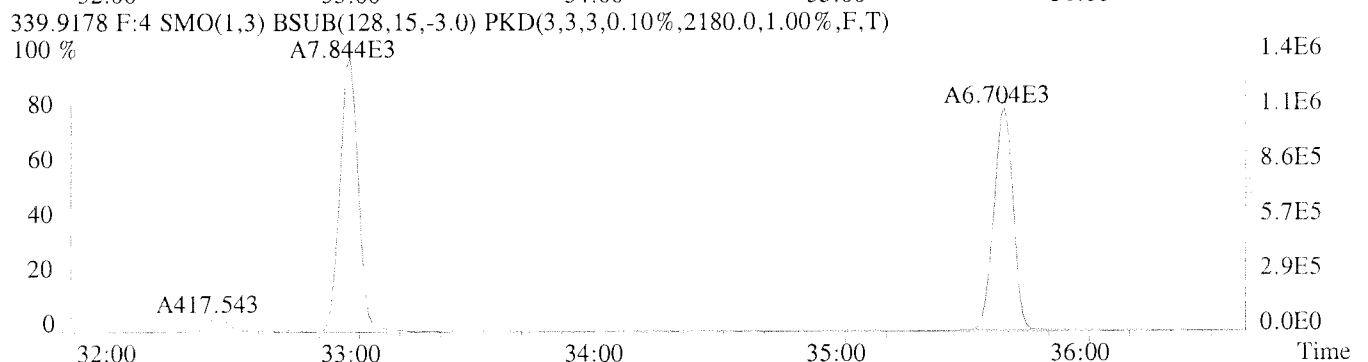
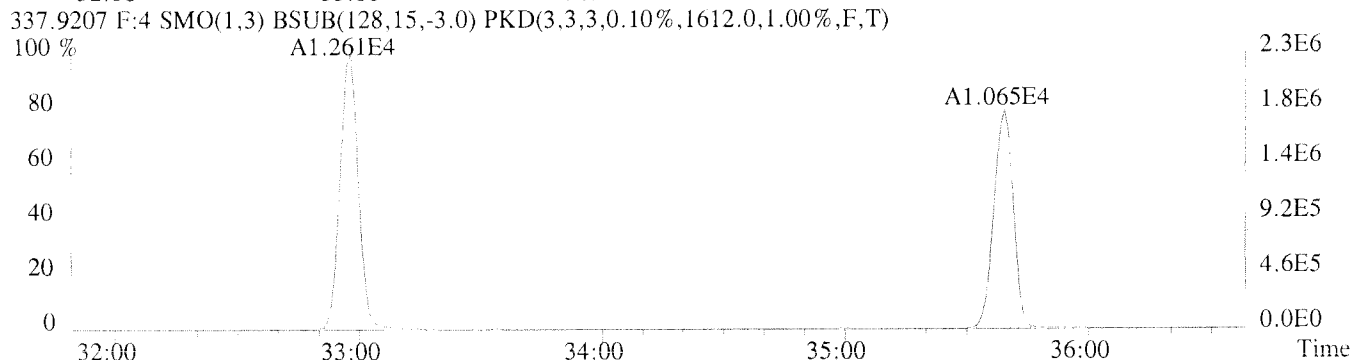
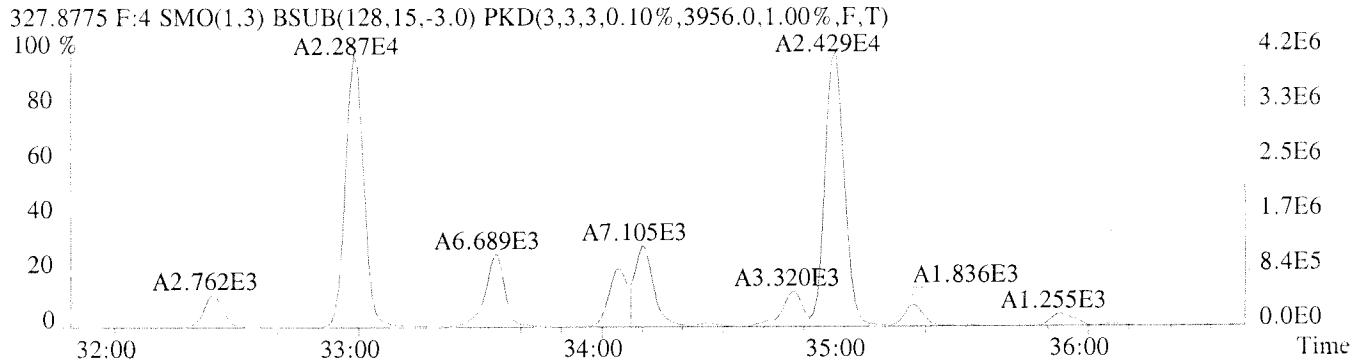
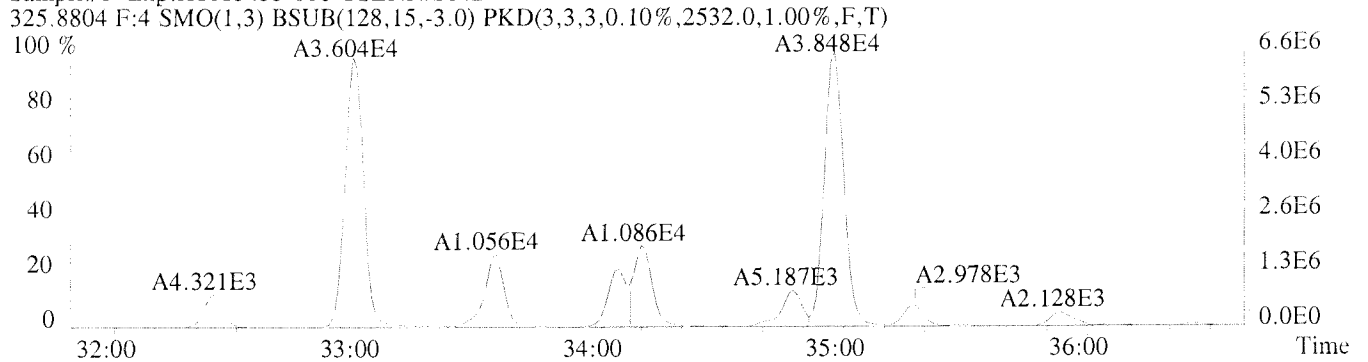


MANUAL INTEGRATION EXPLANATION
 1. POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER
 ANALYST *cel* REVIEWER *P*
 1/17/11 1/18/11

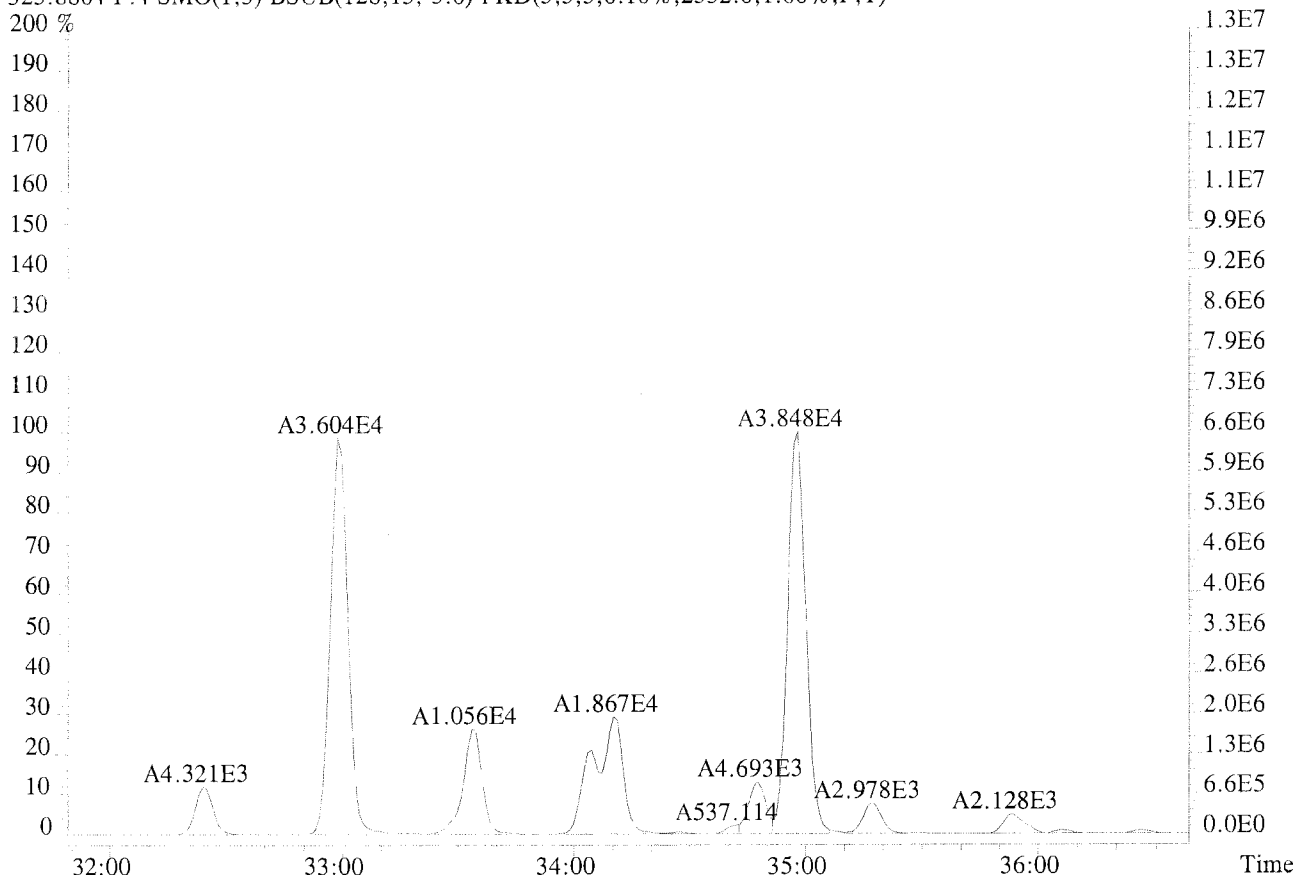
File:U224755 #1-594 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-006 USENN/S042
 325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,968.0,1.00%,F,T)



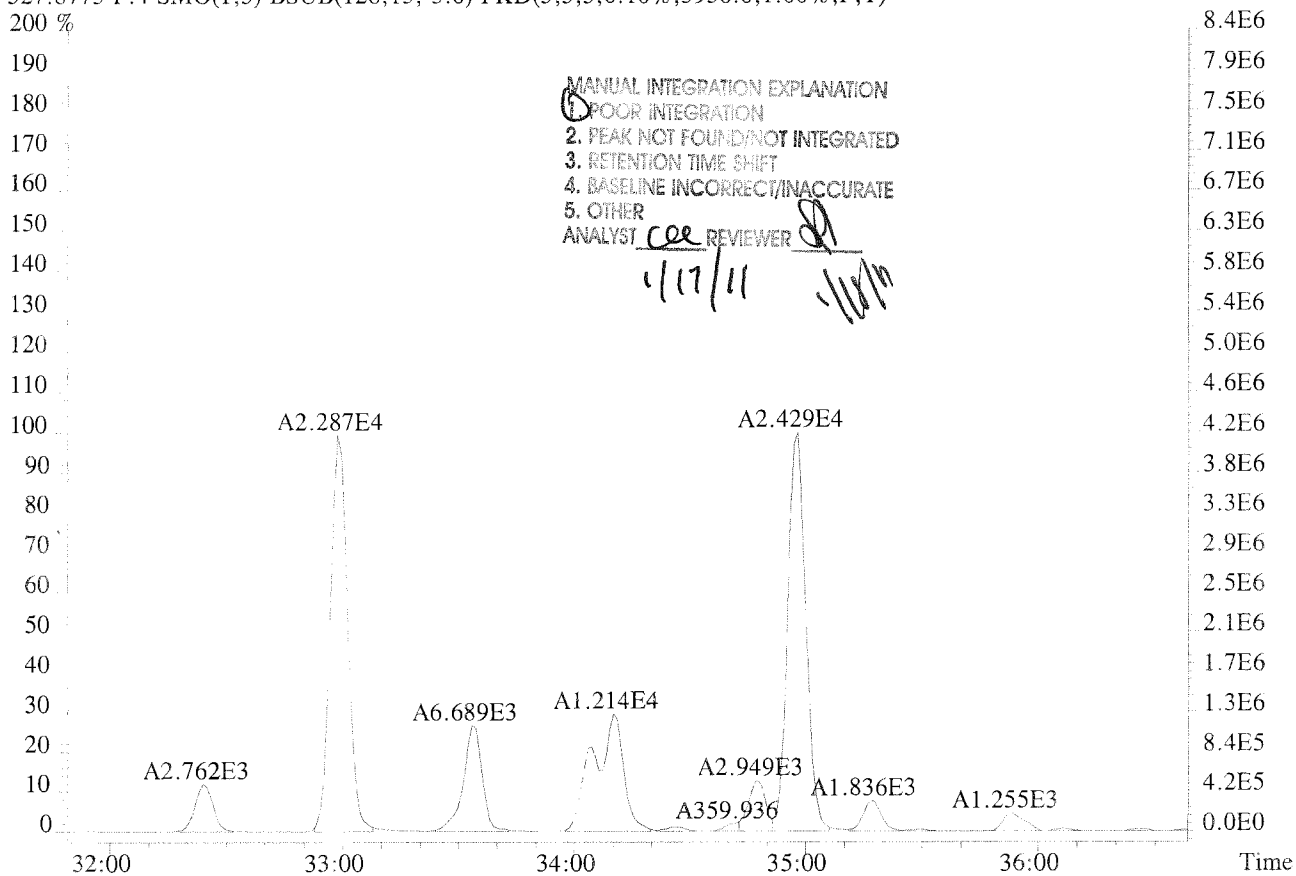
File:U224755 #1-309 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-006 USENN/S042



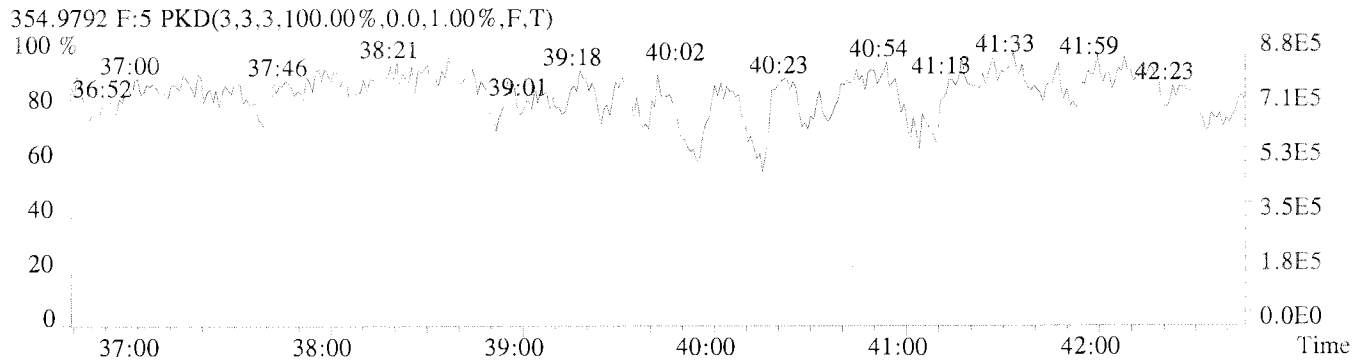
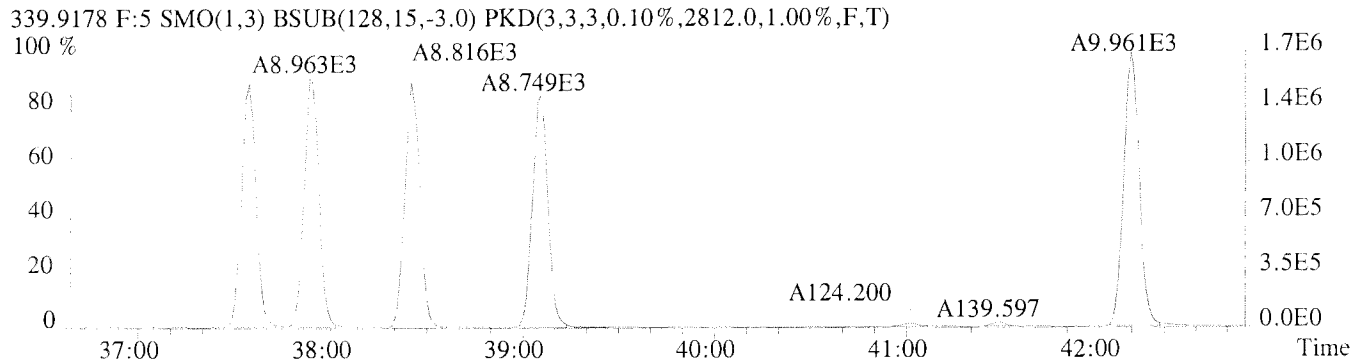
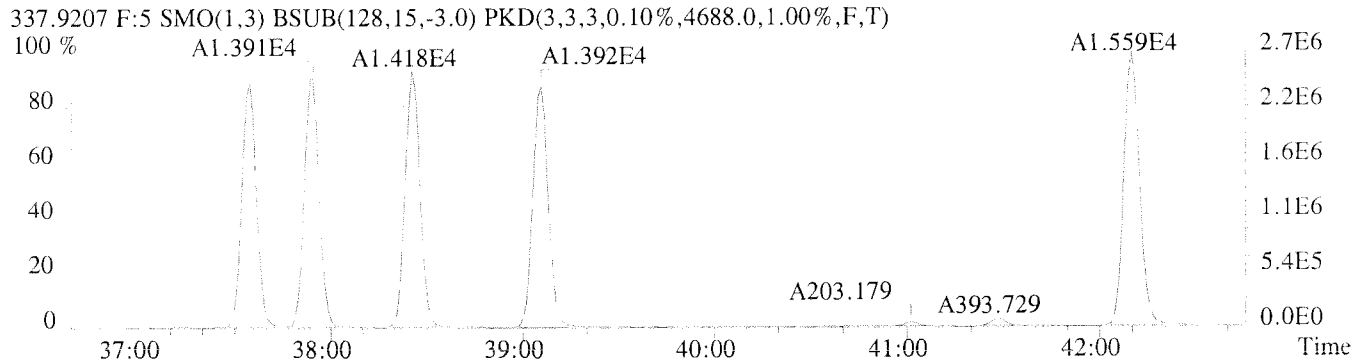
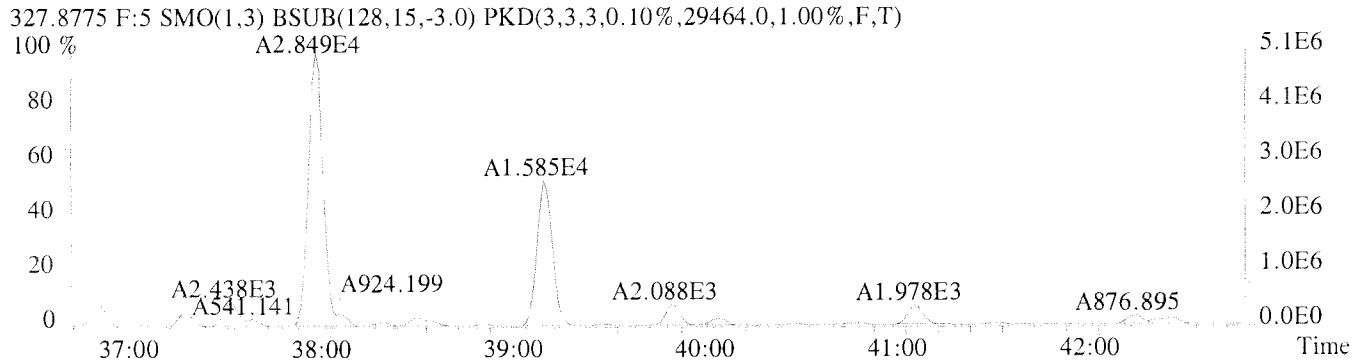
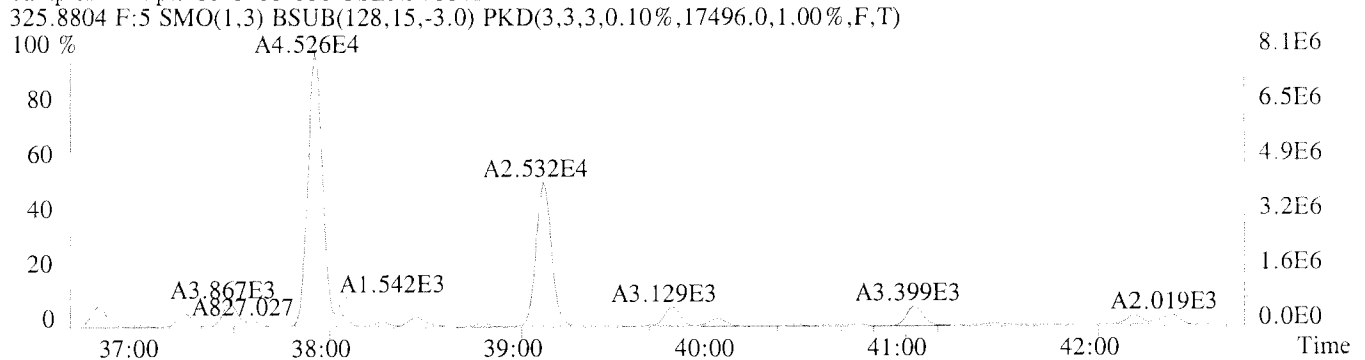
File:U224755 #1-309 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-006 USENN/S042
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2532.0,1.00%,F,T)
 200 %



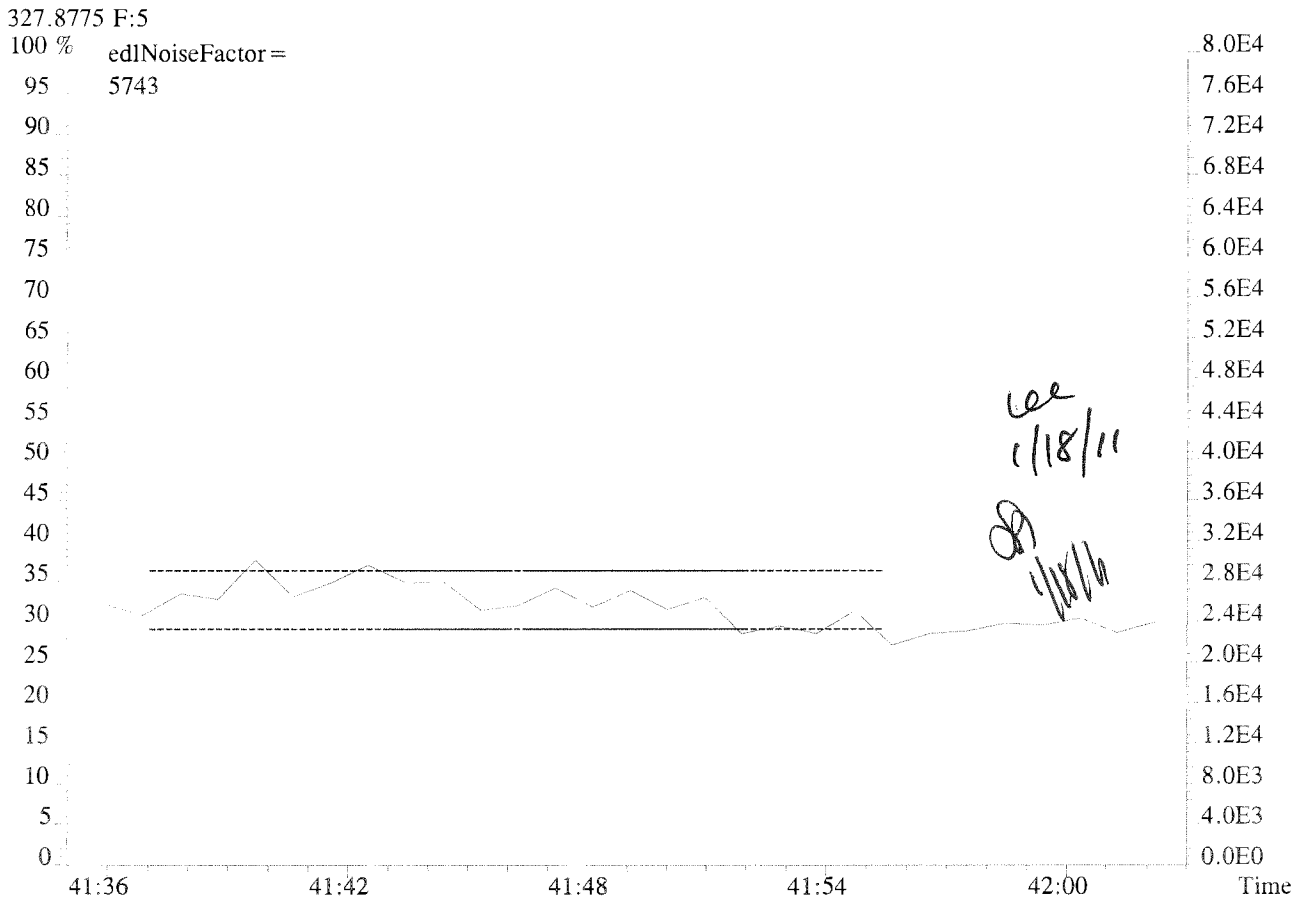
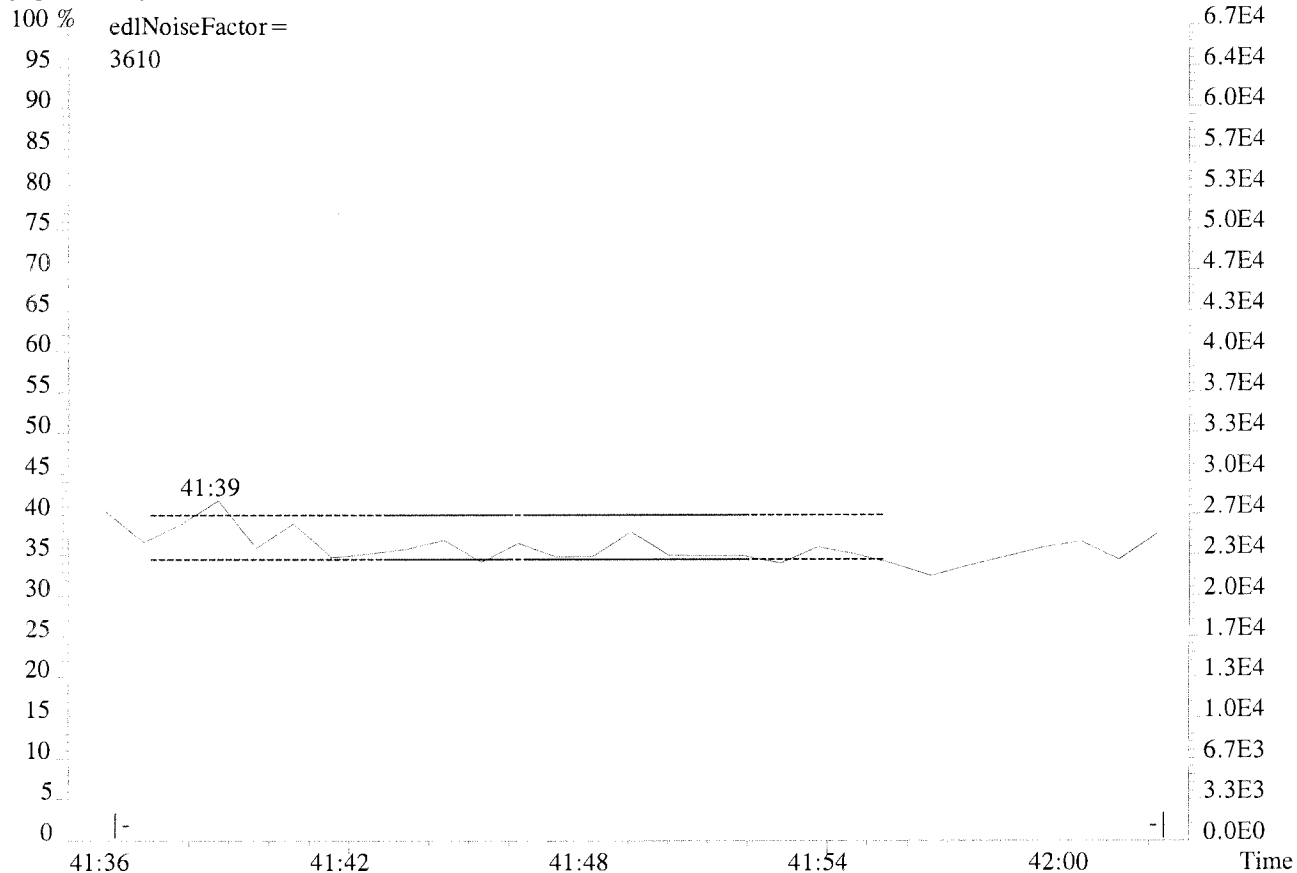
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3956.0,1.00%,F,T)
 200 %



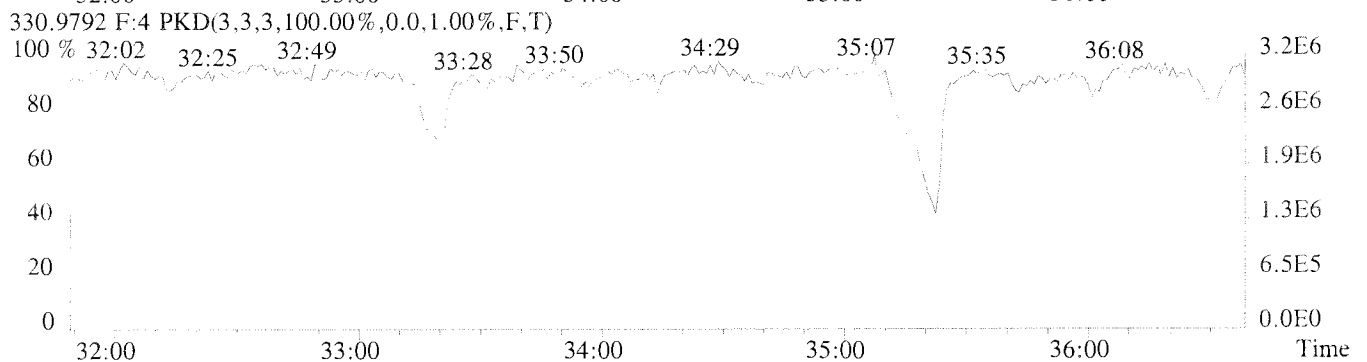
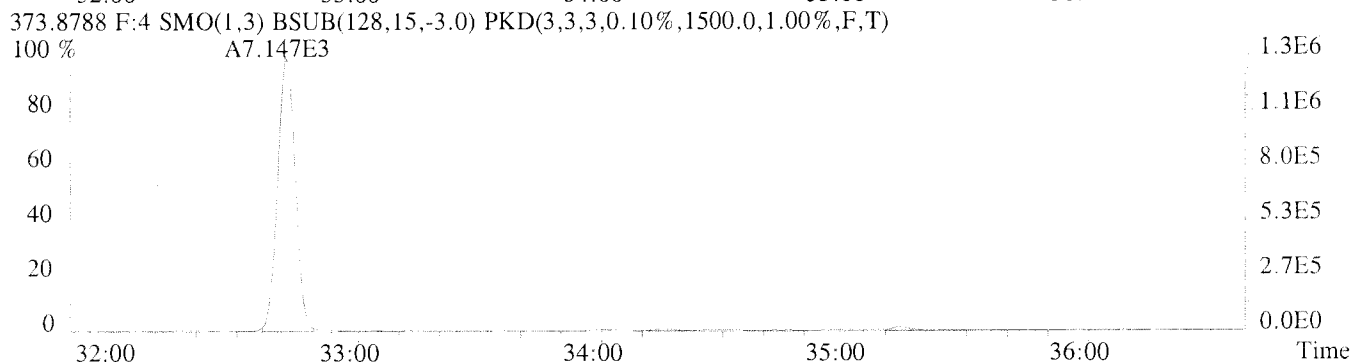
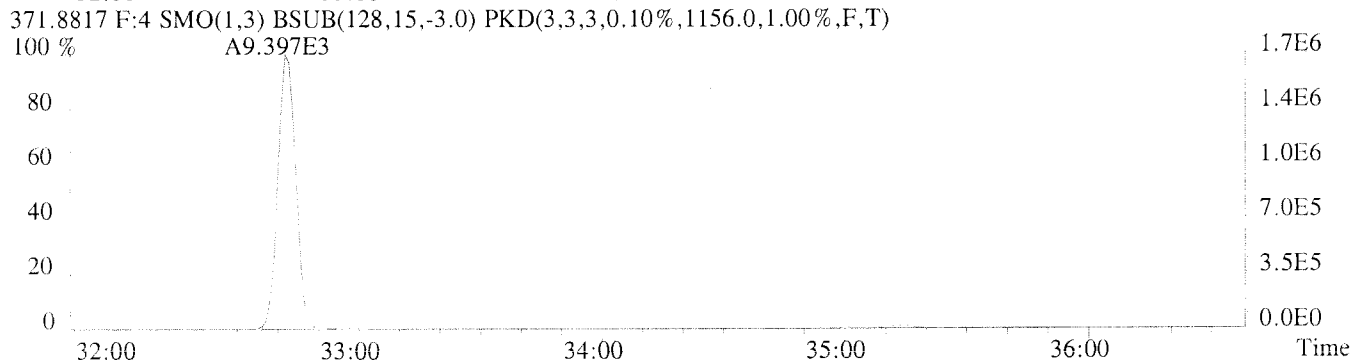
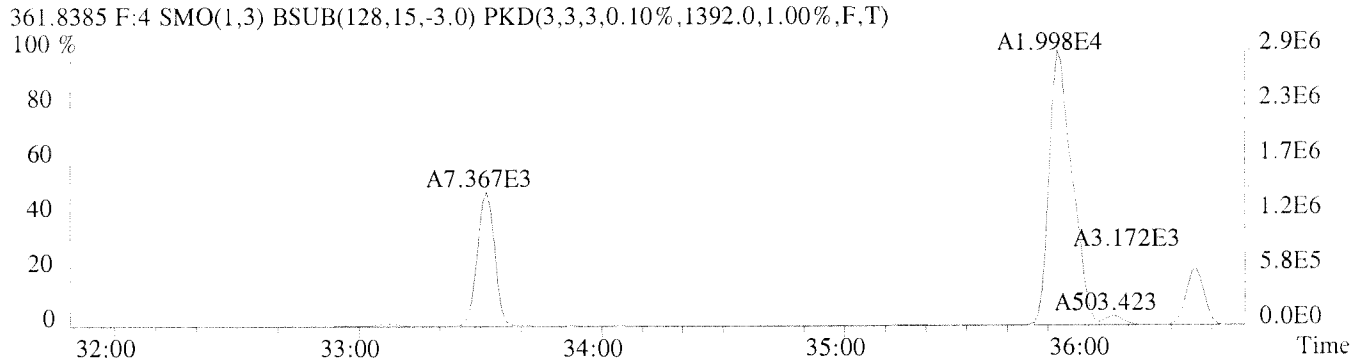
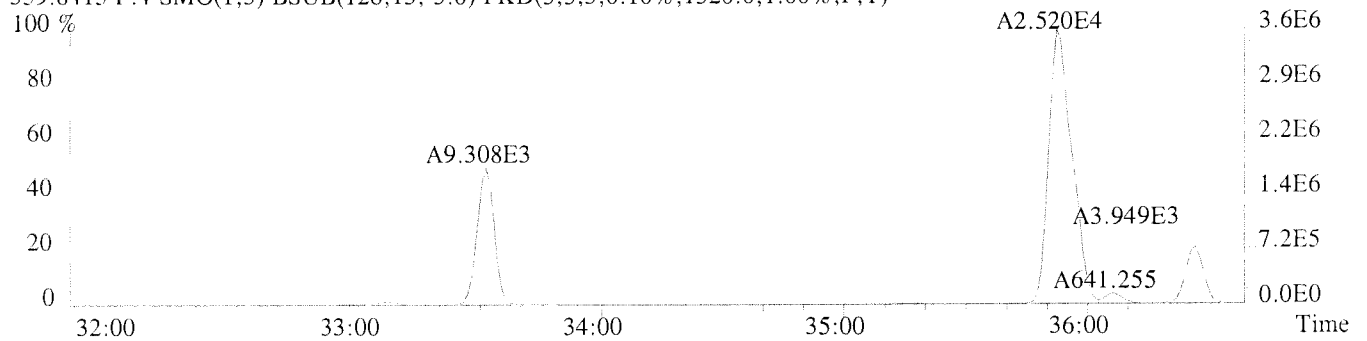
File:U224755 #1-391 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-006 USENN/S042



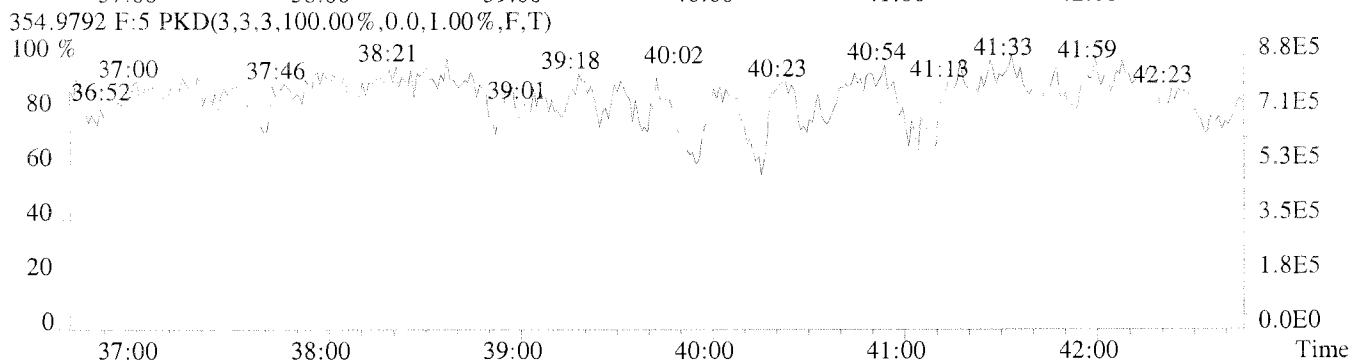
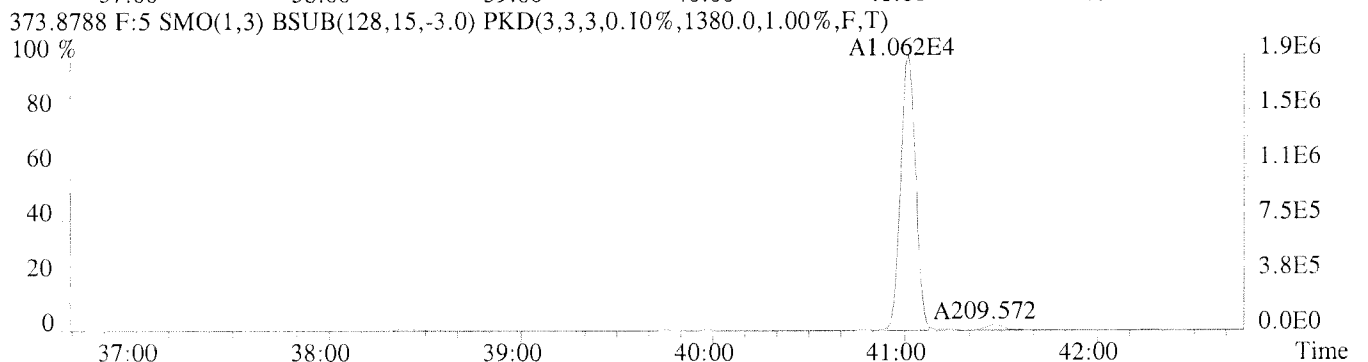
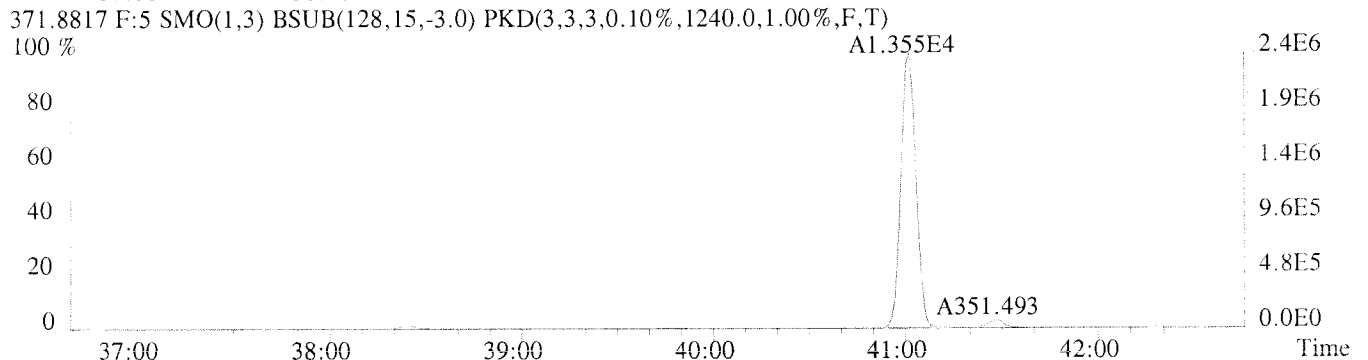
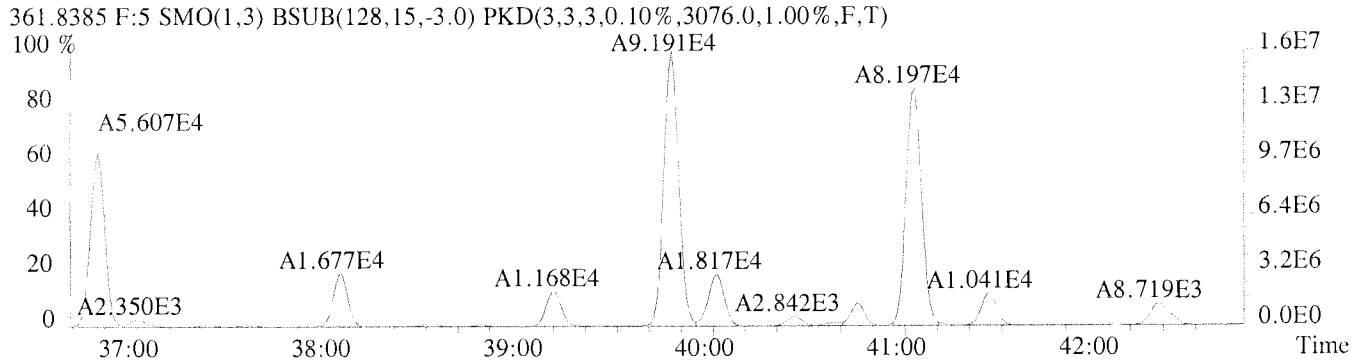
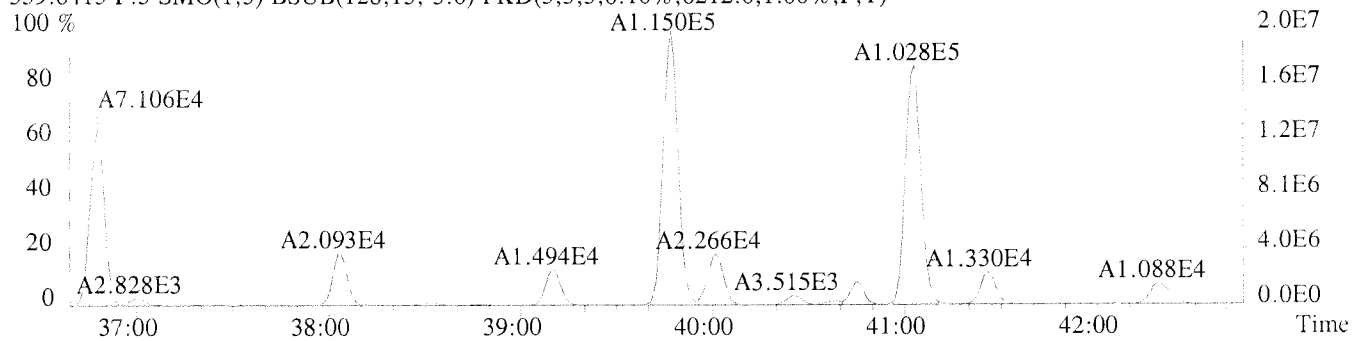
File:U224755 #1-391 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:K1013433-006 USENN/S042
325.8804 F:5



File:U224755 #1-309 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-006 USENN/S042
 359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1320.0,1.00%,F,T)
 100 %

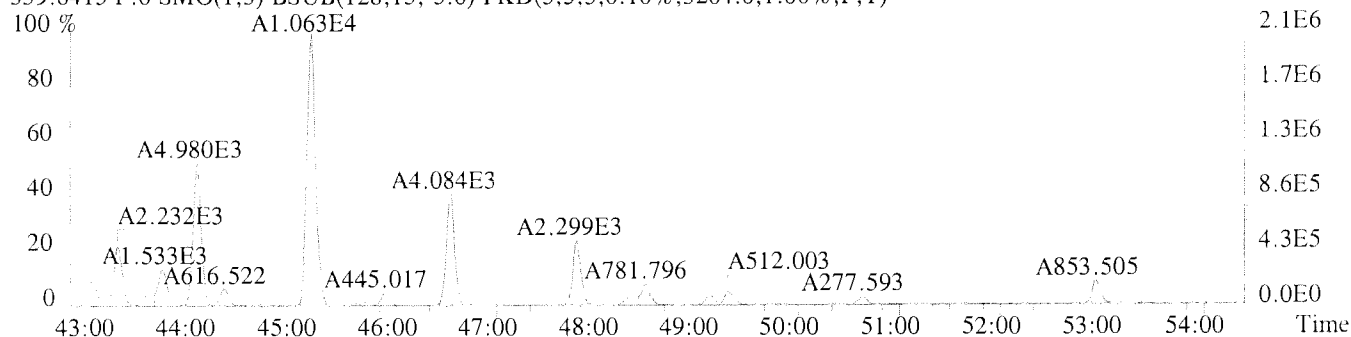


File:U224755 #1-391 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-006 USENN/S042
 359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6212.0,1.00%,F,T)
 100 %

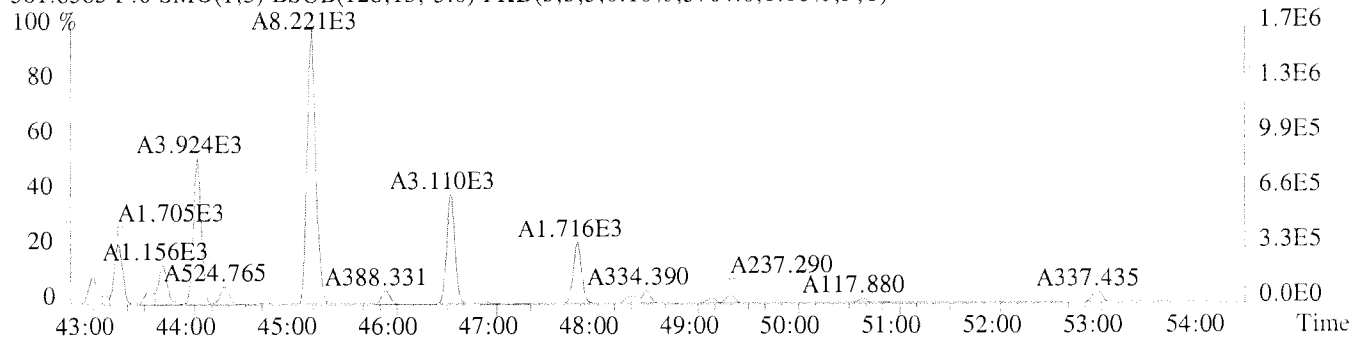


File:U224755 #1-577 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-006 USENN/S042

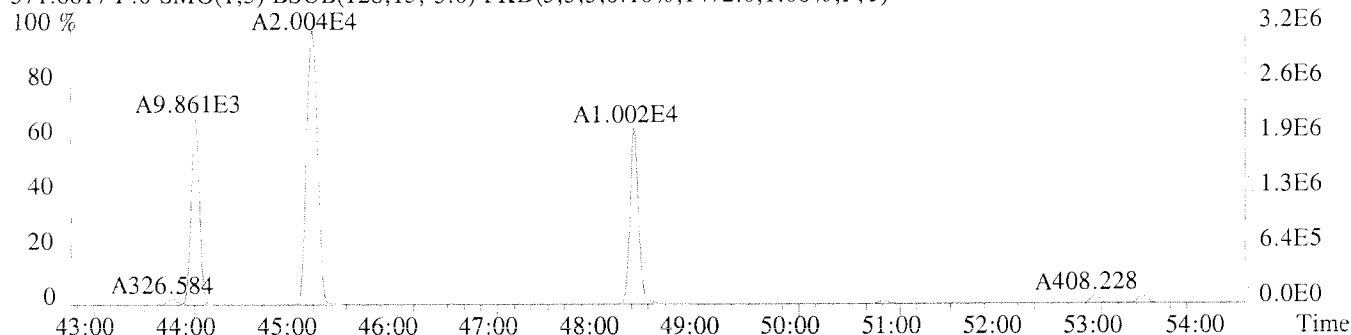
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3204.0,1.00%,F,T)



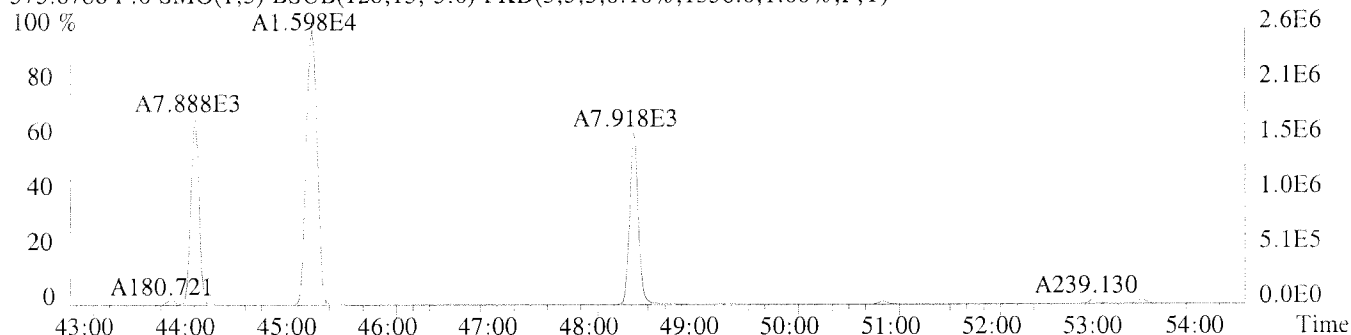
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3764.0,1.00%,F,T)



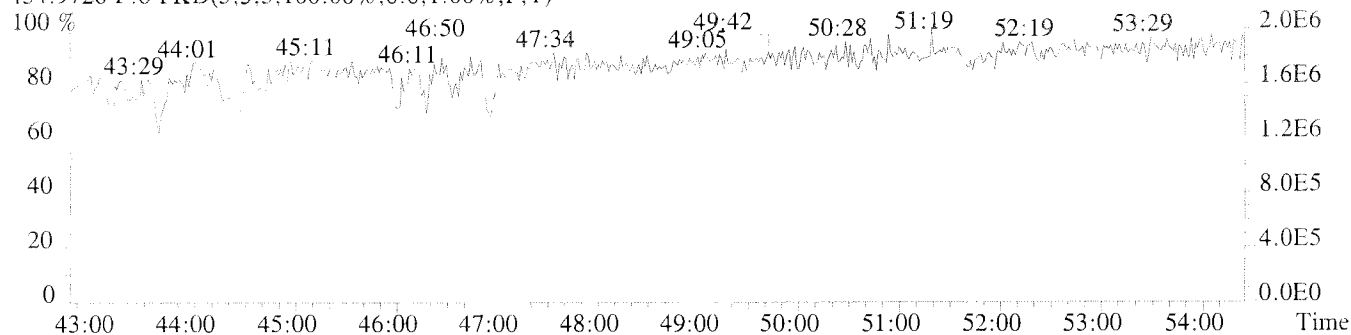
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1472.0,1.00%,F,T)



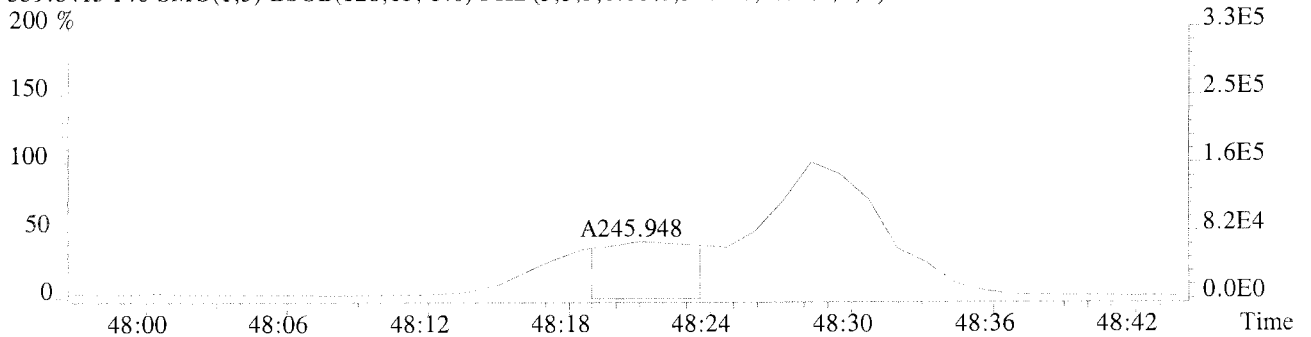
373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1336.0,1.00%,F,T)



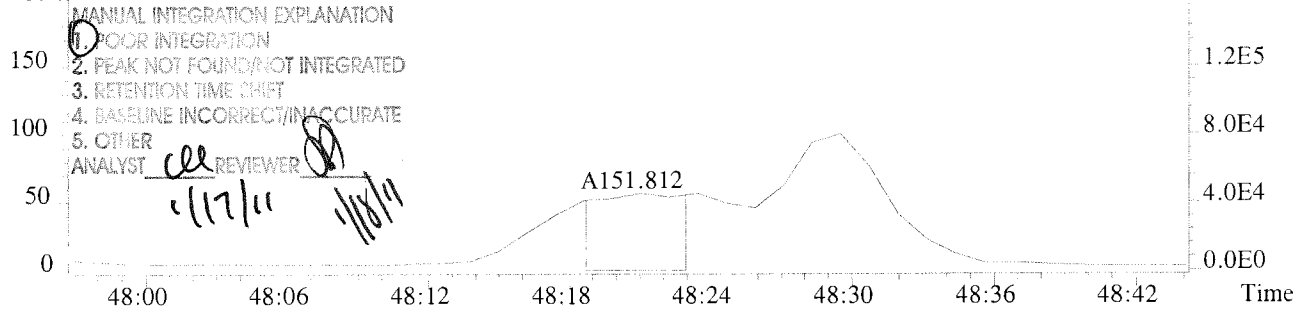
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



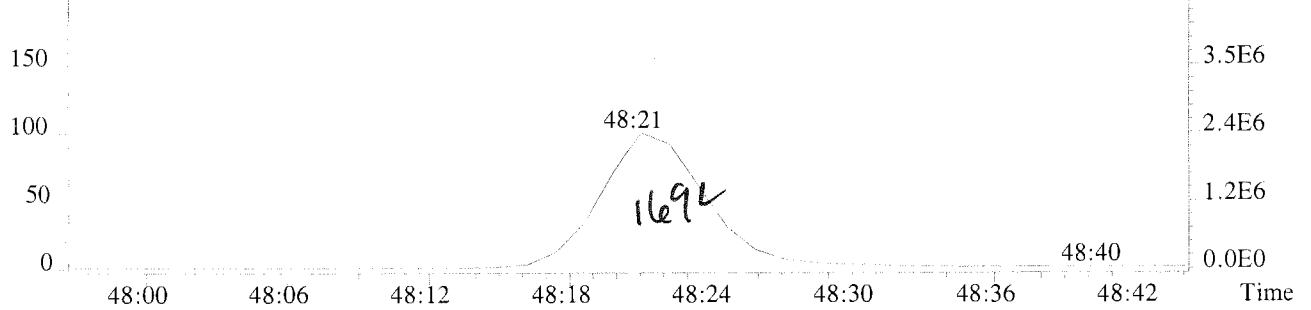
File:U224755 #1-577 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-006 USENN/S042
 359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3204.0,1.00%,F,T)
 200 %



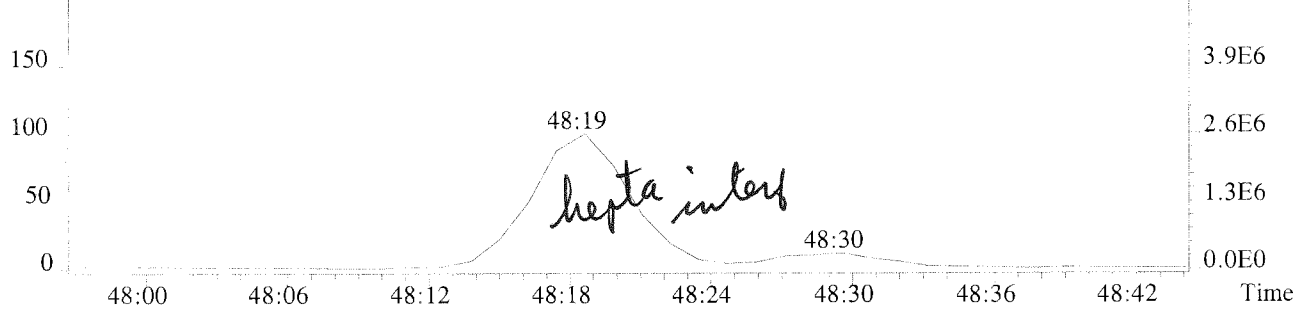
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3764.0,1.00%,F,T)
 200 %



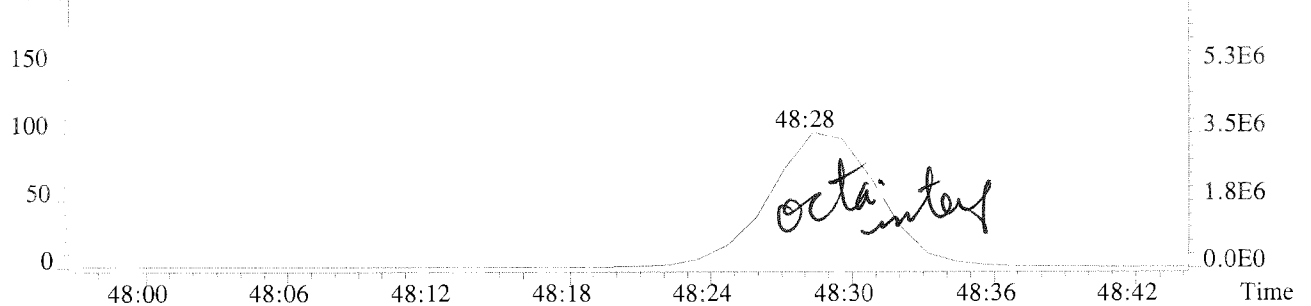
371.8817 F:6
 200 %



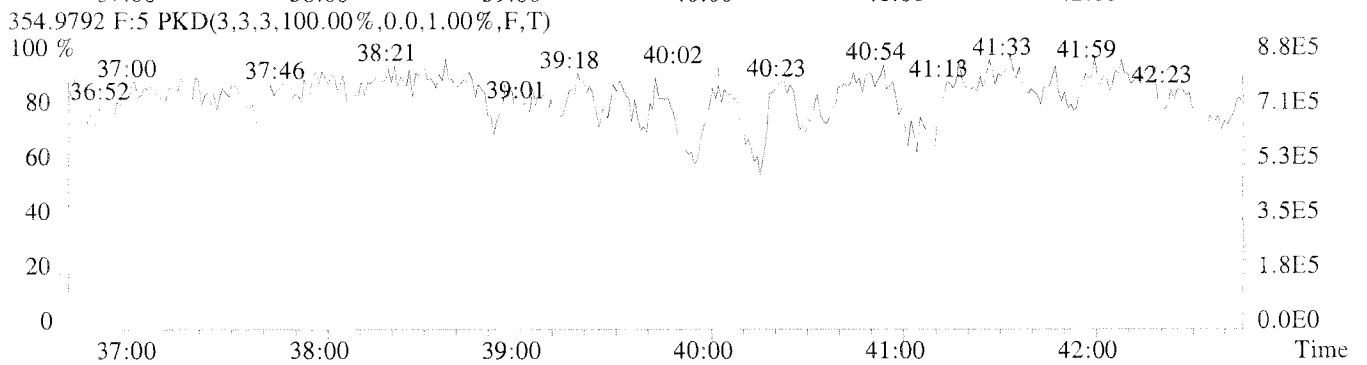
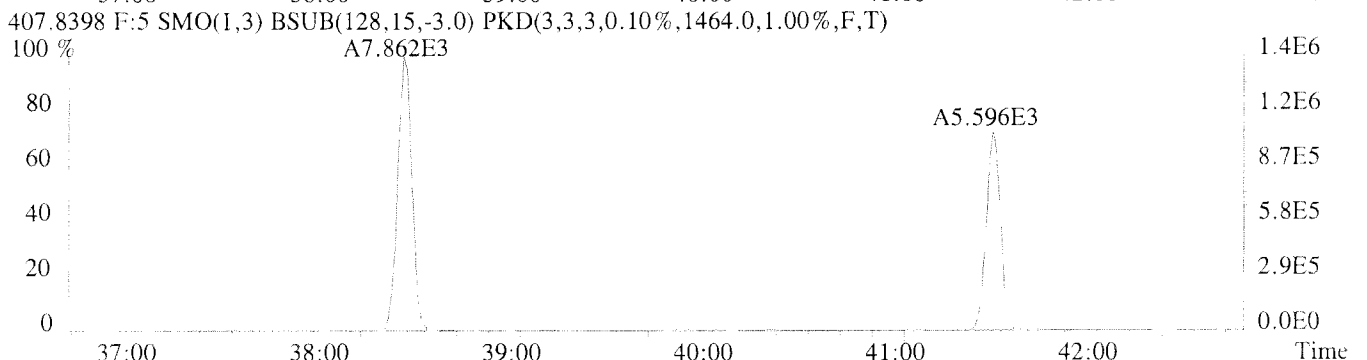
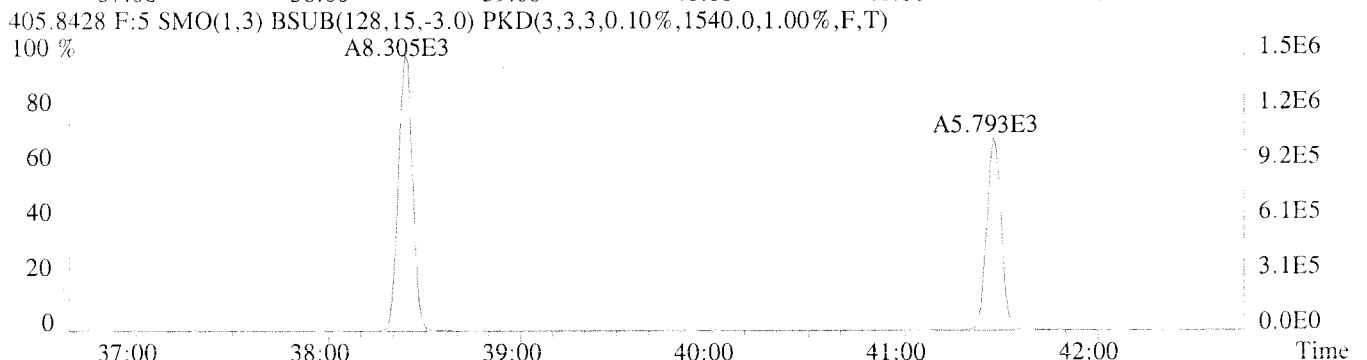
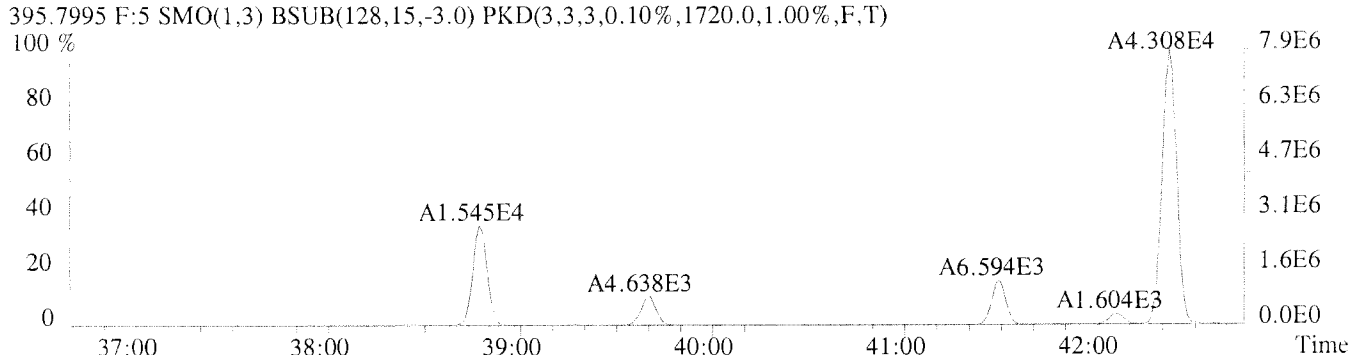
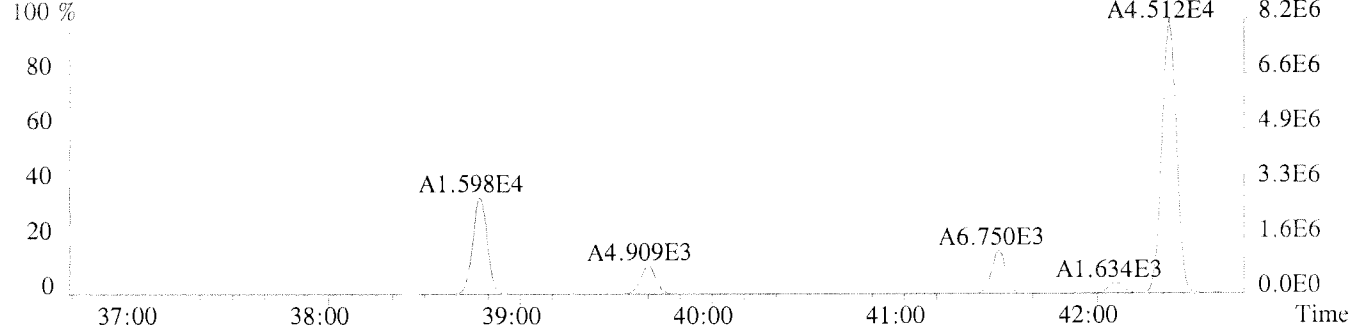
393.8025 F:6
 200 %



427.7635 F:6
 200 %



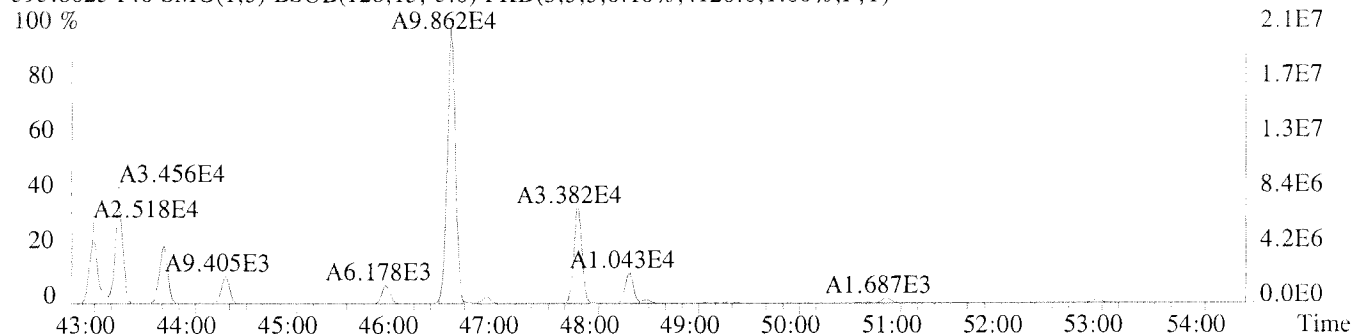
File:U224755 #1-391 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-006 USENN/S042
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1108.0,1.00%,F,T)



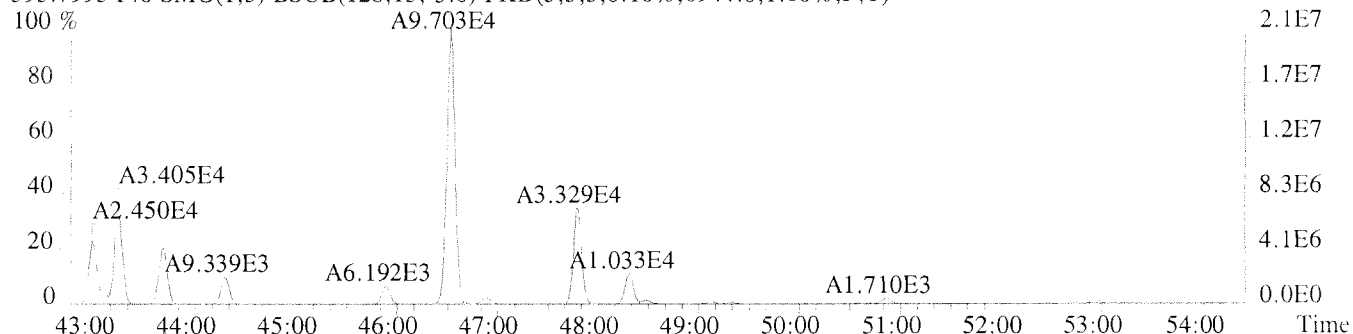
File:U224755 #1-577 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-006 USENN/S042

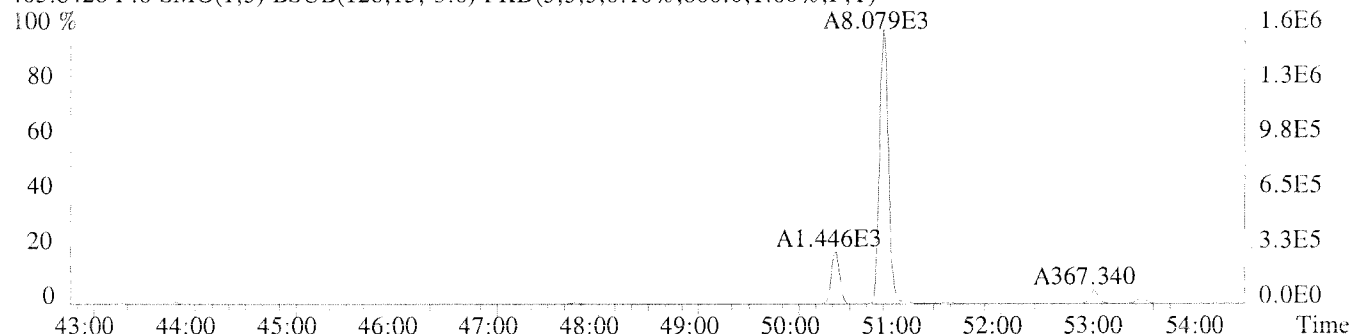
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4120.0,1.00%,F,T)



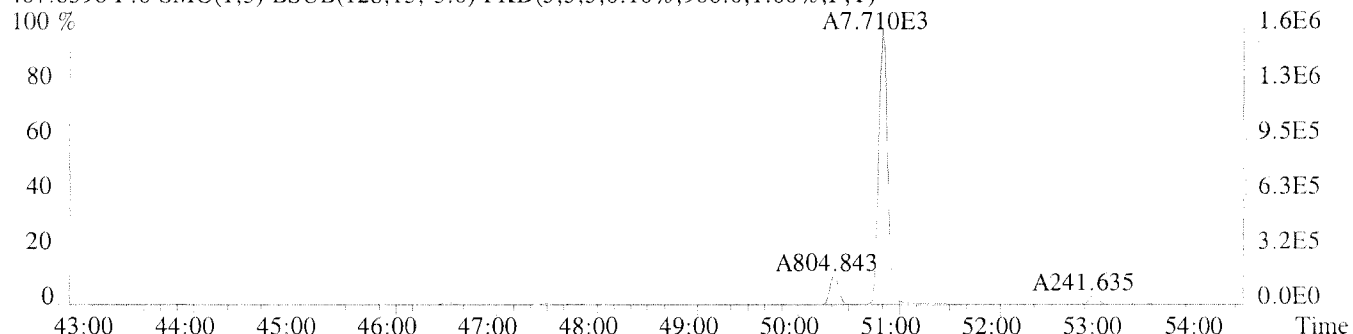
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6944.0,1.00%,F,T)



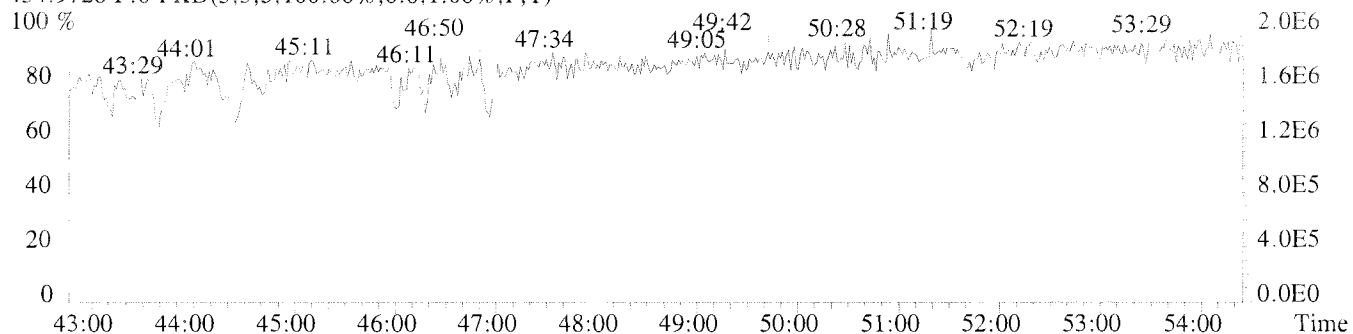
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,800.0,1.00%,F,T)



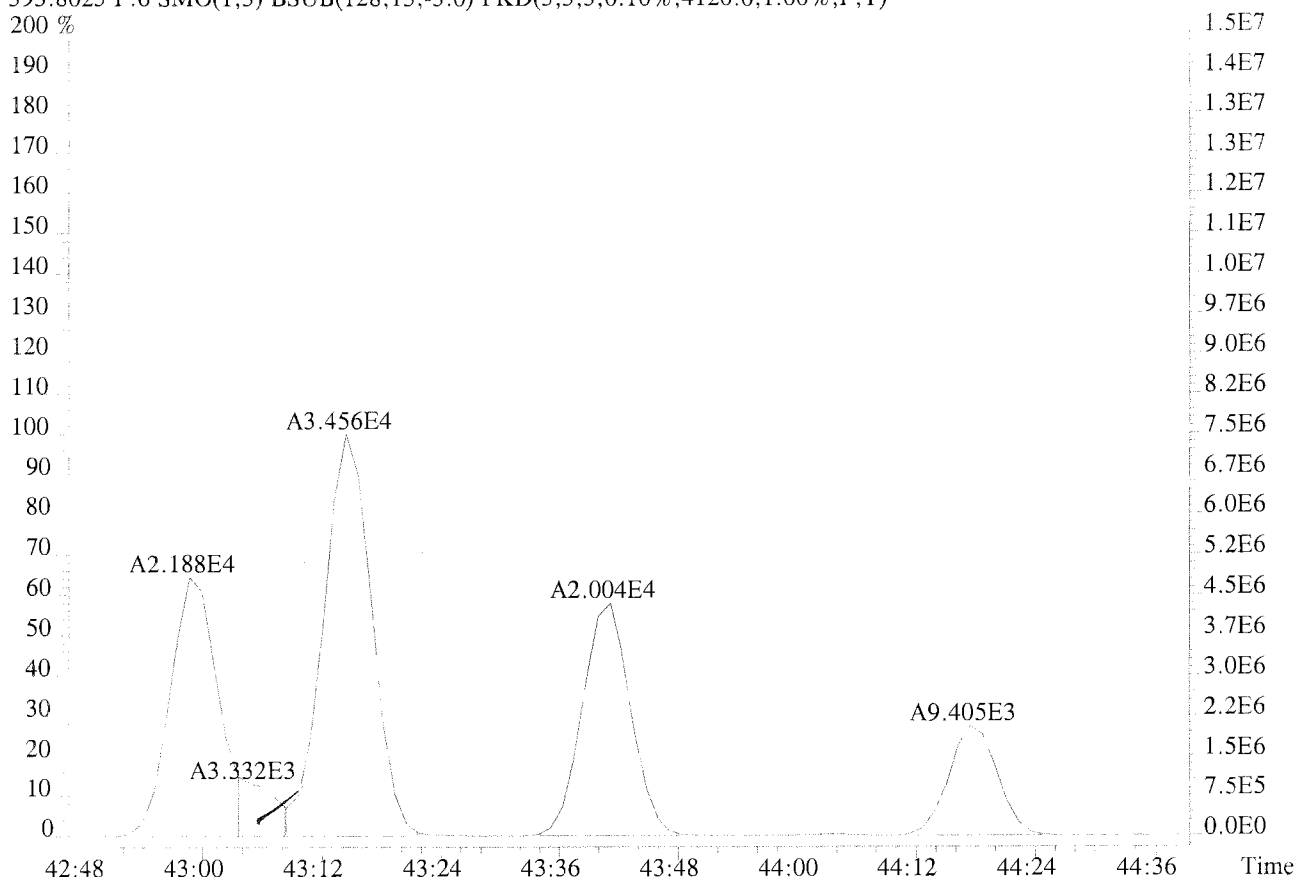
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,900.0,1.00%,F,T)



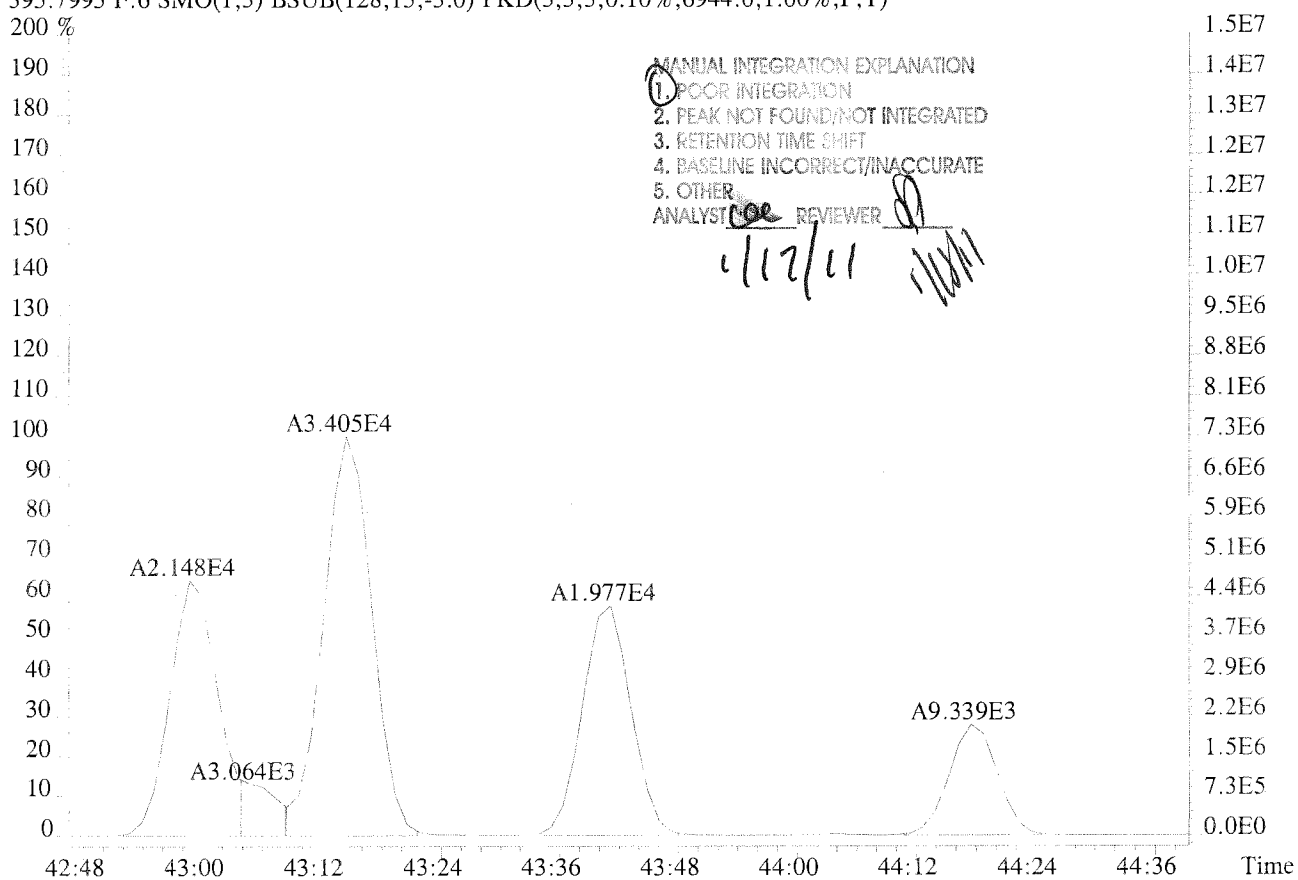
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



File:U224755 #1-577 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-006 USENN/S042
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4120.0,1.00%,F,T)
 200 %

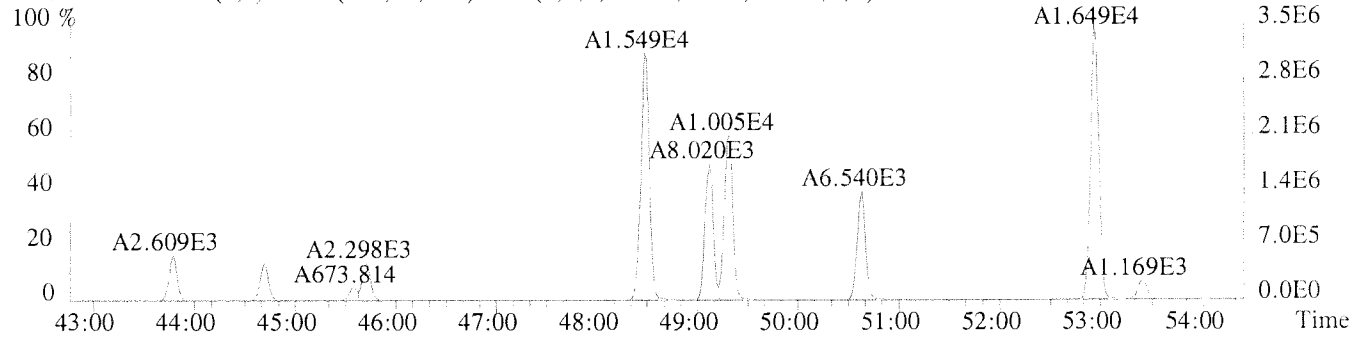


395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6944.0,1.00%,F,T)
 200 %

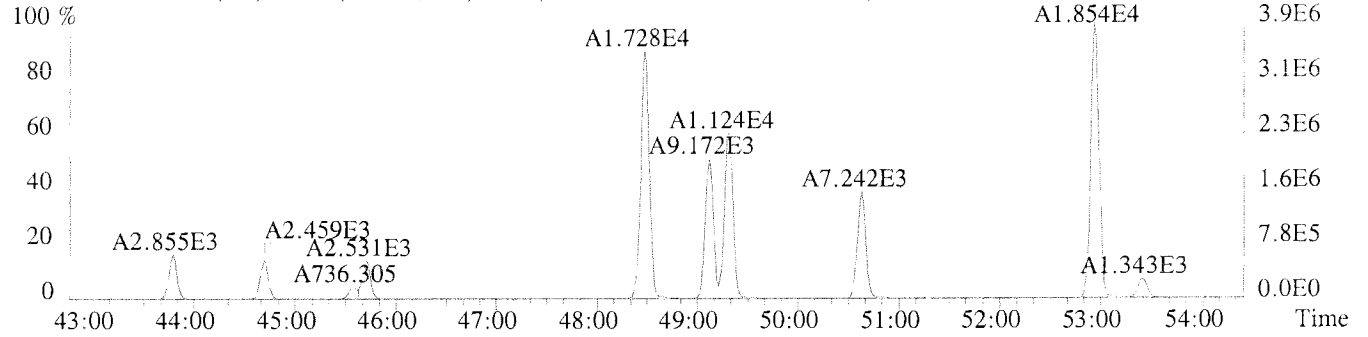


File:U224755 #1-577 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-006 USENN/S042

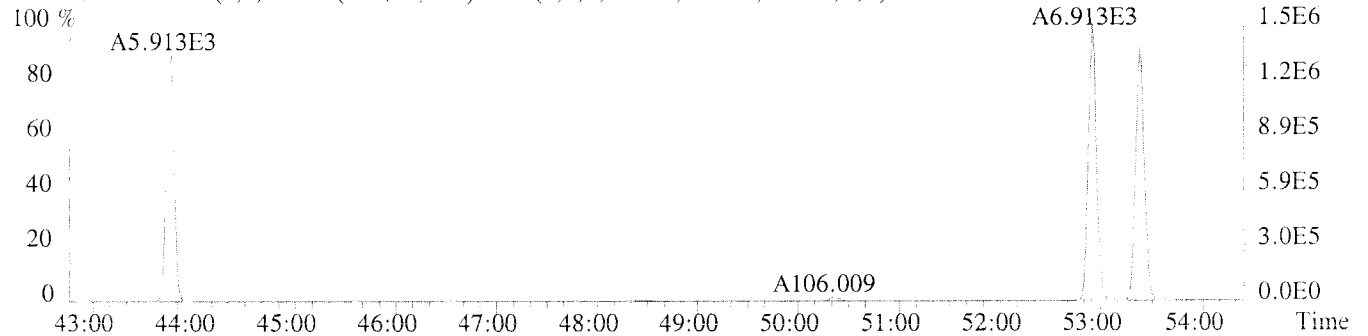
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,608.0,1.00%,F,T)



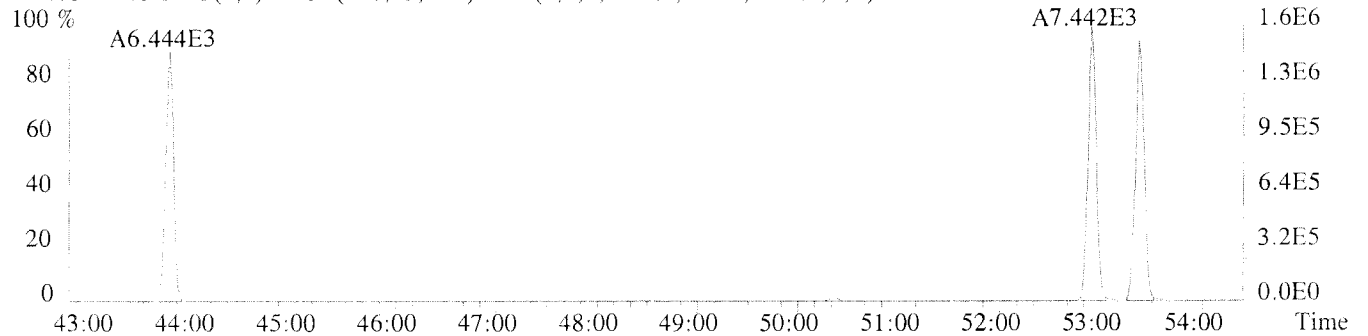
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,844.0,1.00%,F,T)



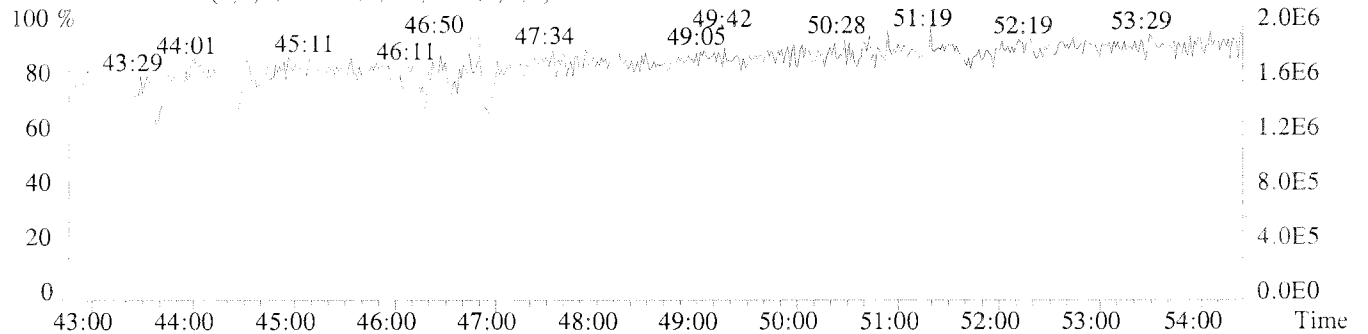
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1272.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,704.0,1.00%,F,T)

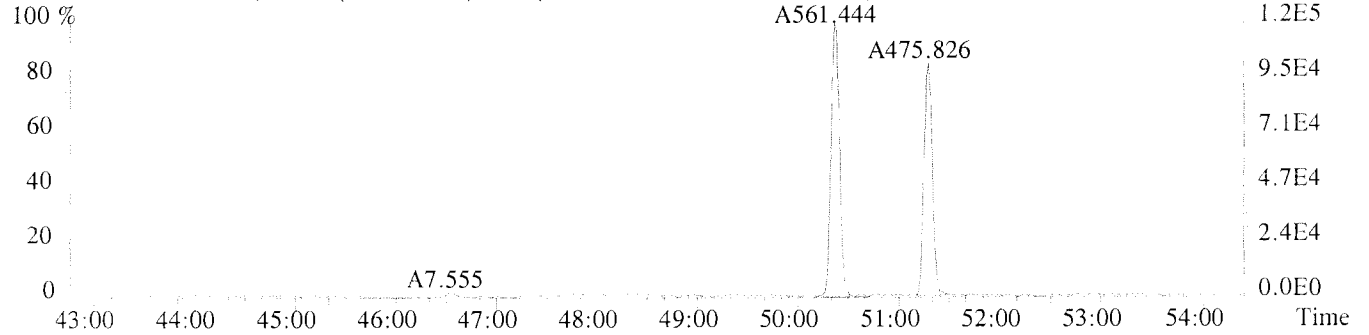


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

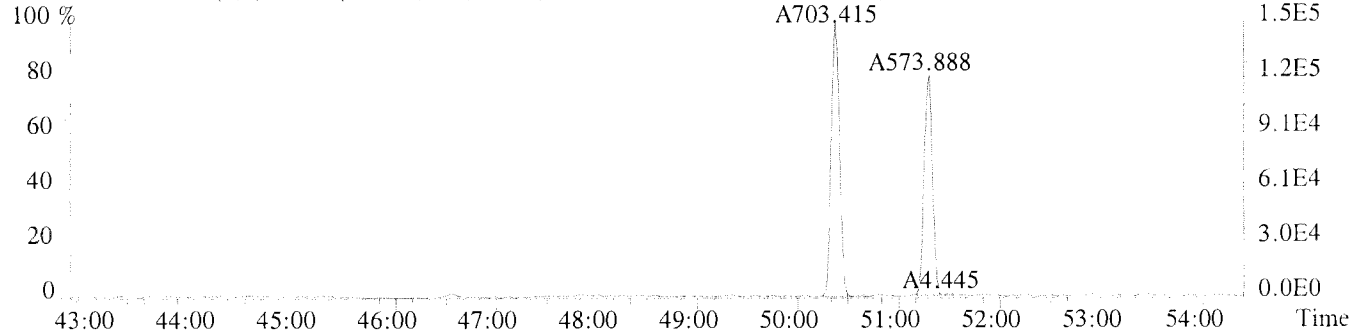


Sample#1 Exp:K1013433-006 USENN/S042

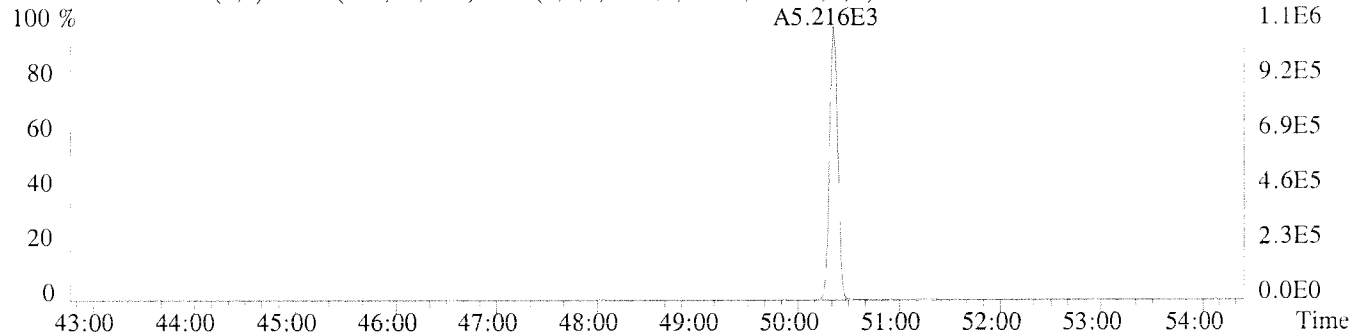
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,780.0,1.00%,F,T)



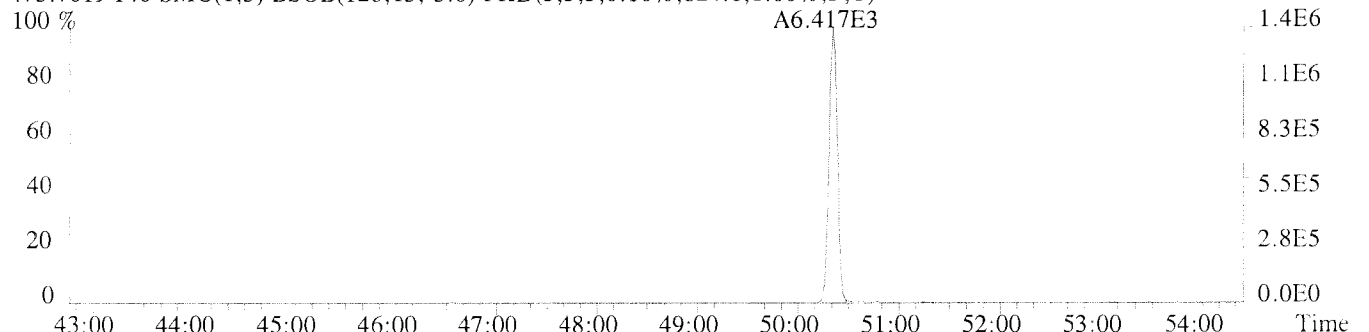
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1076.0,1.00%,F,T)



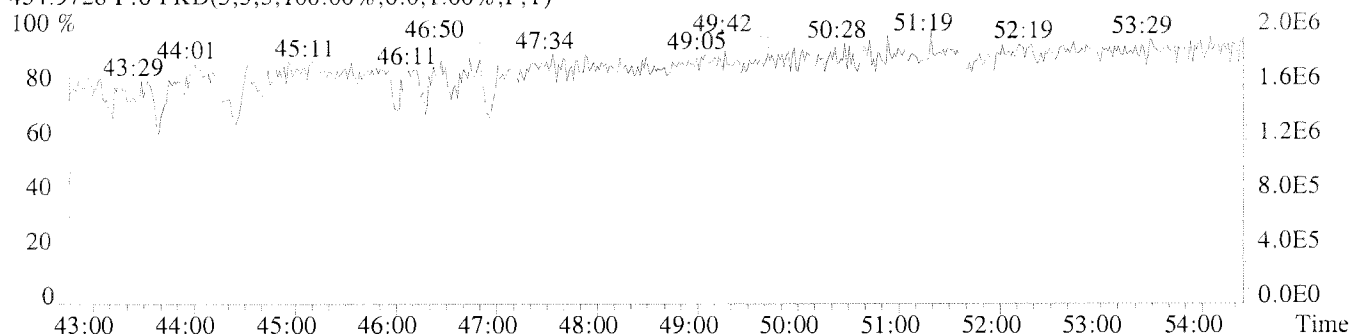
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,864.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,824.0,1.00%,F,T)

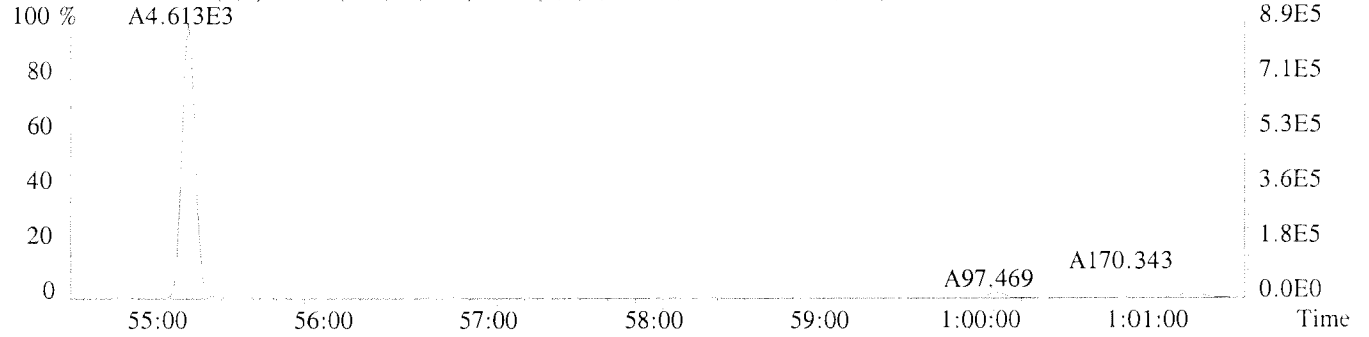


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

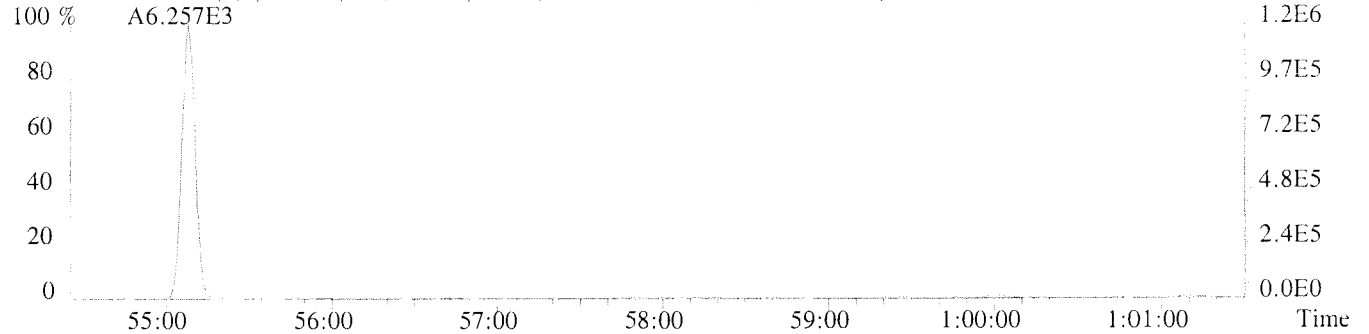


File:U224755 #1-400 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-006 USENN/S042

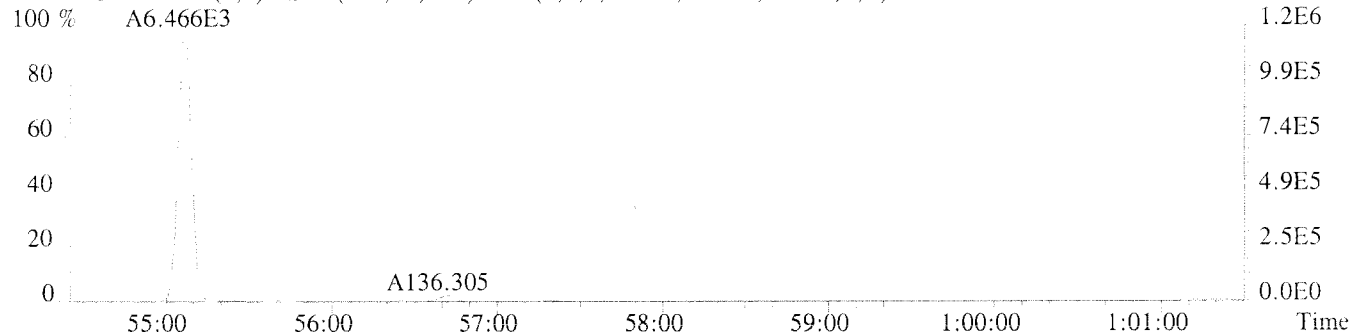
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1012.0,1.00%,F,T)



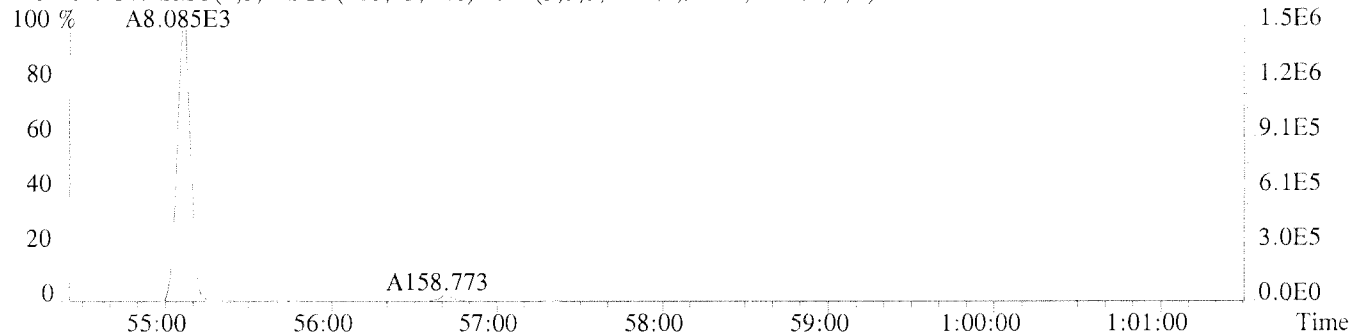
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1488.0,1.00%,F,T)



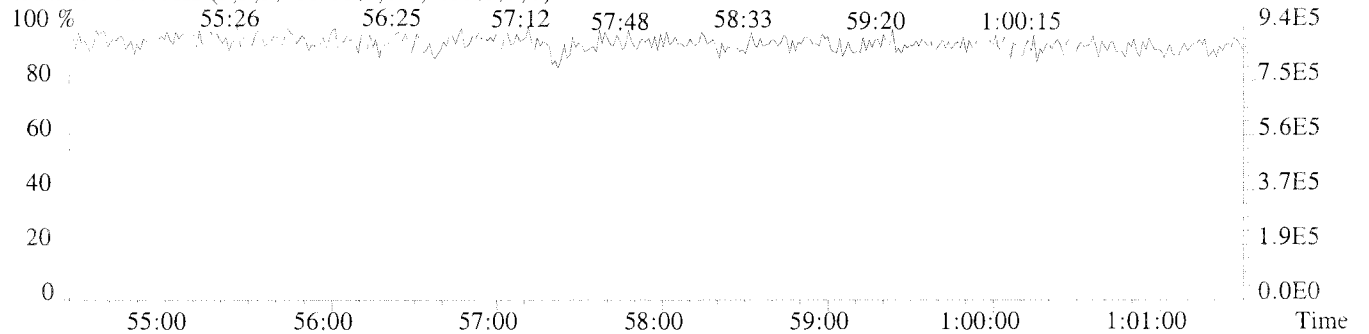
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1060.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,984.0,1.00%,F,T)



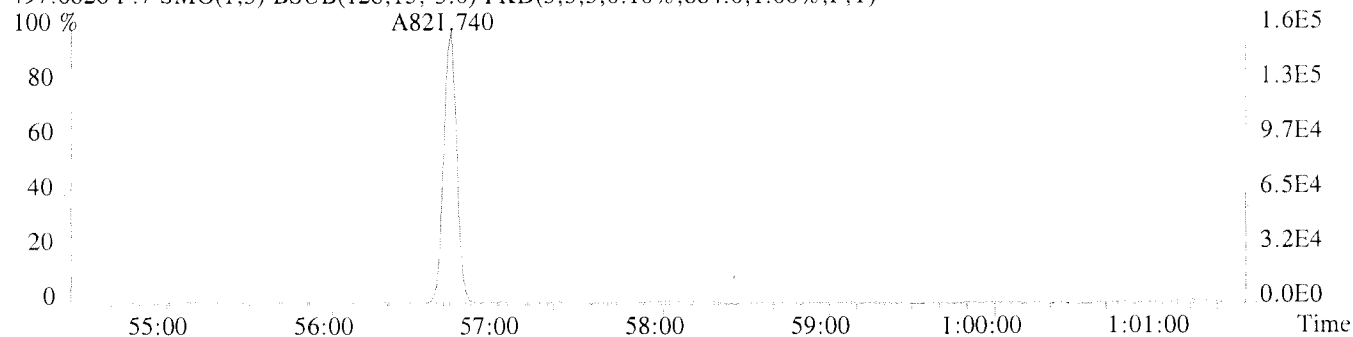
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



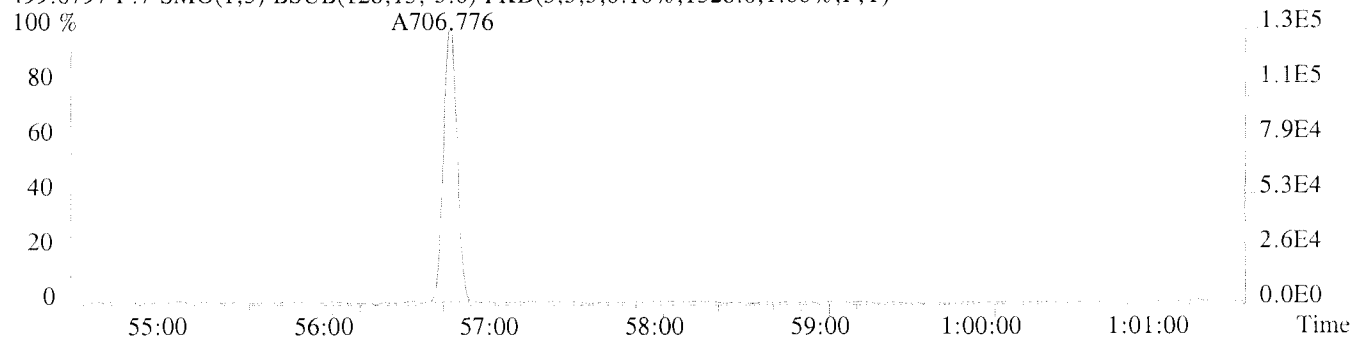
File:U224755 #1-400 Acq:15-JAN-2011 03:06:41 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-006 USENN/S042

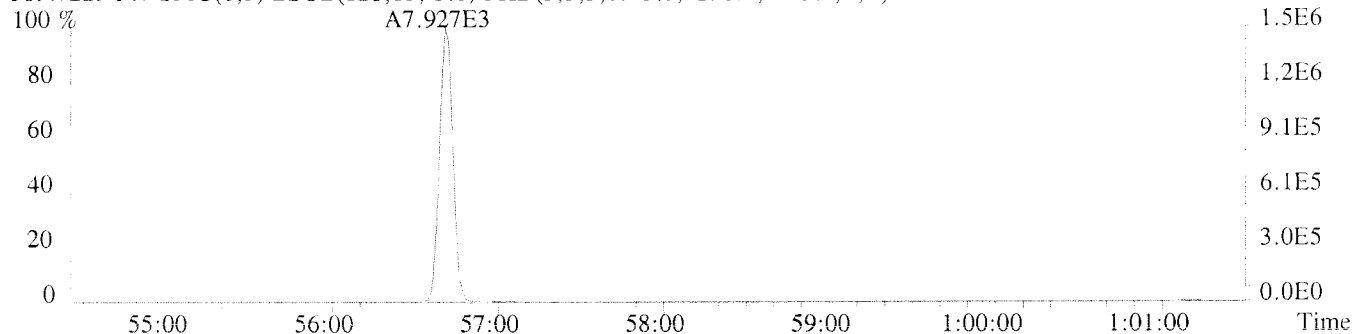
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,884.0,1.00%,F,T)



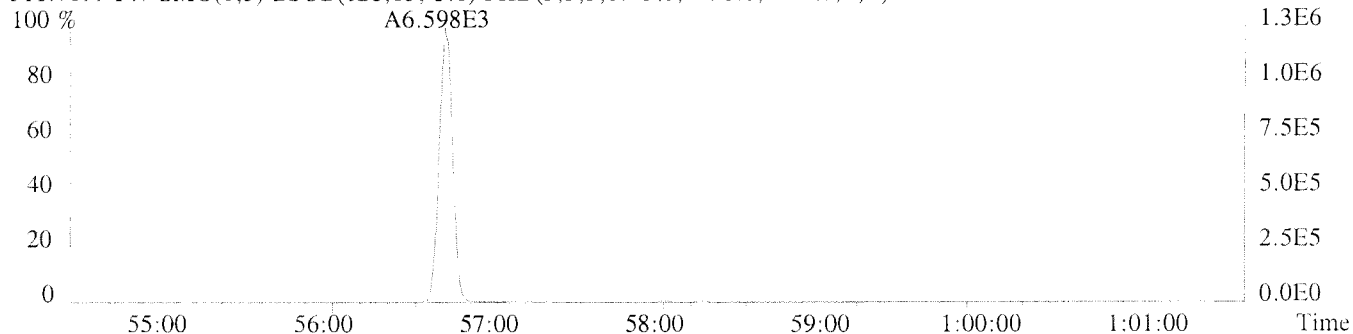
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1328.0,1.00%,F,T)



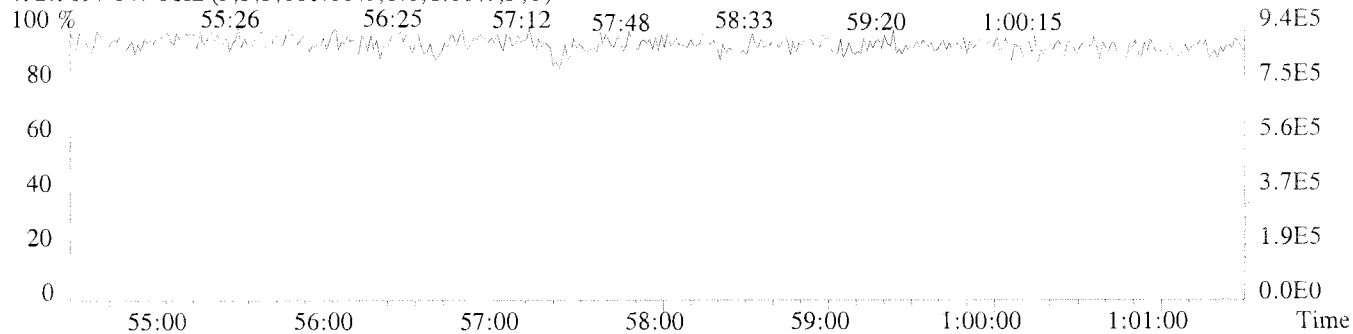
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1296.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1196.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-N/S-05-1


Run #16 Filename U224756 Samp: 1 Inj: 1 Acquired: 15-JAN-11 04:15:05
Processed: 17-JAN-11 17:32:17 Sample ID: K1013433-007

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	12:58	1.312e+04	4.145e+03	3.17	y	n	1.0617
2	1	PCB-2	15:01	8.366e+03	2.616e+03	3.20	y	n	0.9704
3	1	PCB-3	15:11	1.049e+04	3.331e+03	3.15	y	n	1.0567
4	1	PCB-4	15:28	6.748e+03	3.938e+03	1.71	y	y	0.9523
5	1	PCB-10	NotFnd	*	*	*	n	y	1.3785
6	2	PCB-9	17:36	4.932e+03	3.133e+03	1.57	y	n	0.9612
7	2	PCB-7	17:43	1.186e+03	7.868e+02	1.51	y	n	1.0002
8	2	PCB-6	17:55	1.090e+04	6.649e+03	1.64	y	y	1.0339
9	2	PCB-5	18:13	8.306e+02	5.659e+02	1.47	y	y	0.8682
10	2	PCB-8	18:20	3.290e+04	2.030e+04	1.62	y	y	1.1200
11	2	PCB-14	NotFnd	*	*	*	n	n	1.0360
12	2	PCB-11	20:43	1.219e+04	7.322e+03	1.66	y	n	1.0194
13	2	PCB-12/13	21:00	1.049e+04	6.549e+03	1.60	y	n	1.0026
14	2	PCB-15	21:21	2.040e+04	1.257e+04	1.62	y	n	0.9734
15	2	PCB-19	18:38	1.198e+03	1.148e+03	1.04	y	n	1.0211
16	2	PCB-18/30	20:26	1.892e+04	1.801e+04	1.05	y	n	0.9619
17	2	PCB-17	20:50	6.346e+03	5.998e+03	1.06	y	n	0.8213
18	2	PCB-27	21:03	1.525e+03	1.431e+03	1.07	y	n	1.1610
19	2	PCB-24	21:10	2.750e+02	2.729e+02	1.01	y	n	1.0395
20	2	PCB-16	21:18	6.102e+03	5.872e+03	1.04	y	n	0.7028
21	2	PCB-32	21:48	7.231e+03	7.029e+03	1.03	y	n	1.2306
22	3	PCB-34	23:03	1.887e+02	1.619e+02	1.17	y	n	1.2167
23	3	PCB-23	NotFnd	*	*	*	n	n	1.1771
24	3	PCB-26/29	23:30	1.055e+04	1.020e+04	1.03	y	n	1.3051
25	3	PCB-25	23:44	3.840e+03	3.596e+03	1.07	y	n	1.4473
26	3	PCB-31	24:03	5.964e+04	5.638e+04	1.06	y	n	1.3289
27	3	PCB-20/28	24:21	5.841e+04	5.489e+04	1.06	y	n	1.2370
28	3	PCB-21/33	24:35	3.152e+04	2.924e+04	1.08	y	n	1.2980
29	3	PCB-22	24:59	2.397e+04	2.220e+04	1.08	y	n	1.1512
30	3	PCB-36	26:31	1.704e+02	1.138e+02	1.50	n	n	1.3385
31	3	PCB-39	26:55	3.940e+02	3.765e+02	1.05	y	n	1.2963
32	3	PCB-38	NotFnd	*	*	*	n	n	1.2983
33	3	PCB-35	27:56	2.671e+03	2.580e+03	1.04	y	y	1.2506
34	3	PCB-37	28:21	2.587e+04	2.386e+04	1.08	y	n	1.0819
35	2	PCB-54	21:40	3.473e+01	5.143e+01	0.68	y	n	0.9626
36	3	PCB-50/53	23:47	2.987e+03	3.849e+03	0.78	y	y	0.8145
37	3	PCB-45/51	24:27	3.576e+03	4.579e+03	0.78	y	y	0.7826
38	3	PCB-46	24:47	1.069e+03	1.331e+03	0.80	y	y	0.7142
39	3	PCB-52	26:09	2.683e+04	3.433e+04	0.78	y	y	0.8813
40	3	PCB-43/73	26:24	9.284e+02	1.058e+03	0.88	y	y	0.8676
41	3	PCB-49/69	26:39	1.509e+04	1.936e+04	0.78	y	y	0.9971
42	3	PCB-48	26:55	5.323e+03	6.984e+03	0.76	y	y	0.8258
43	3	PCB-44/47/65	27:10	2.485e+04	3.186e+04	0.78	y	y	0.9170
44	3	PCB-59/62/75	27:29	2.692e+03	3.111e+03	0.87	y	y	1.1069
45	3	PCB-42	27:40	6.047e+03	7.443e+03	0.81	y	y	0.8357
46	3	PCB-40/41/71	28:11	1.457e+04	1.856e+04	0.78	y	y	0.8356
47	3	PCB-64	28:24	1.535e+04	1.943e+04	0.79	y	y	1.1693
48	3	PCB-72	29:12	2.277e+02	4.902e+02	0.46	n	y	1.1917
49	3	PCB-68	NotFnd	*	*	*	n	n	1.1605
50	3	PCB-57	29:55	1.233e+02	9.015e+01	1.37	n	y	1.1554

51	3	PCB-58	NotFnd	*	*	*	n	y	1.1364
52	3	PCB-67	30:19	1.097e+03	1.707e+03	0.64	n	y	1.2931
53	3	PCB-63	30:34	1.496e+03	1.855e+03	0.81	y	y	1.2433
54	3	PCB-61/70/74/76	30:55	6.587e+04	8.400e+04	0.78	y	y	1.1652
55	3	PCB-66	31:15	3.859e+04	4.932e+04	0.78	y	y	1.2268
56	3	PCB-55	NotFnd	*	*	*	n	n	1.0507
57	4	PCB-56	31:56	2.337e+04	2.915e+04	0.80	y	n	1.0877
58	4	PCB-60	32:08	1.546e+04	1.935e+04	0.80	y	n	1.0815
59	4	PCB-80	NotFnd	*	*	*	n	n	1.2762
60	4	PCB-79	34:03	6.951e+02	1.406e+03	0.49	n	n	1.3021
61	4	PCB-78	NotFnd	*	*	*	n	n	1.1577
62	4	PCB-81	35:04	4.166e+02	4.566e+02	0.91	n	n	1.0839
63	4	PCB-77	35:40	8.890e+03	1.099e+04	0.81	y	n	1.0368
64	3	PCB-104	NotFnd	*	*	*	n	n	1.0032
65	3	PCB-96	27:30	3.613e+02	2.082e+02	1.74	y	n	0.9461
66	3	PCB-103	29:23	2.076e+02	1.564e+02	1.33	y	n	0.8131
67	3	PCB-94	29:37	1.708e+02	9.345e+01	1.83	n	n	0.6539
68	3	PCB-95	30:04	2.747e+04	1.794e+04	1.53	y	n	0.7546
69	3	PCB-93/100	30:15	2.227e+02	1.961e+02	1.14	n	n	0.7009
70	3	PCB-98/102	30:25	1.190e+03	7.902e+02	1.51	y	n	0.7426
71	3	PCB-88/91	30:55	3.392e+03	2.189e+03	1.55	y	n	0.7176
72	3	PCB-84	31:10	5.923e+03	3.675e+03	1.61	y	n	0.6633
73	3	PCB-89	31:37	4.287e+02	3.022e+02	1.42	y	n	0.6954
74	4	PCB-121	NotFnd	*	*	*	n	n	0.9310
75	4	PCB-92	32:23	6.675e+03	4.510e+03	1.48	y	n	0.7068
76	4	PCB-90/101/113	32:59	5.581e+04	3.559e+04	1.57	y	n	0.8027
77	4	PCB-83/99	33:33	1.597e+04	1.023e+04	1.56	y	n	0.6796
78	4	PCB-112	NotFnd	*	*	*	n	n	1.0127
79	4	PCB-86/87/97/109/119/125	34:10	2.856e+04	1.898e+04	1.50	y	y	0.8230
80	4	PCB-117	34:42	9.011e+02	7.651e+02	1.18	n	y	0.8484
81	4	PCB-85/116	34:47	7.226e+03	4.516e+03	1.60	y	y	0.8859
82	4	PCB-110/115	34:57	5.850e+04	3.707e+04	1.58	y	n	0.9685
83	4	PCB-82	35:17	4.594e+03	2.965e+03	1.55	y	n	0.6546
84	4	PCB-111	NotFnd	*	*	*	n	n	0.9211
85	4	PCB-120	36:06	4.088e+02	2.751e+02	1.49	y	n	1.0275
86	5	PCB-108/124	37:14	2.940e+03	2.007e+03	1.47	y	n	0.9125
87	5	PCB-107	37:28	5.519e+03	3.589e+03	1.54	y	n	1.0384
88	5	PCB-123	37:35	1.387e+03	7.988e+02	1.74	y	n	1.0758
89	5	PCB-106	NotFnd	*	*	*	n	n	1.0932
90	5	PCB-118	37:54	6.415e+04	3.978e+04	1.61	y	y	1.1029
91	5	PCB-122	38:16	9.065e+02	4.617e+02	1.96	n	n	0.9458
92	5	PCB-114	38:26	2.532e+03	1.265e+03	2.00	n	n	1.0787
93	5	PCB-105	39:06	3.548e+04	2.261e+04	1.57	y	n	1.0593
94	5	PCB-127	NotFnd	*	*	*	n	n	0.9685
95	5	PCB-126	42:10	2.106e+03	1.163e+03	1.81	n	n	1.0408
96	4	PCB-155	NotFnd	*	*	*	n	n	0.9771
97	4	PCB-152	32:57	7.988e+01	5.474e+01	1.46	n	y	1.1965
98	4	PCB-150	33:06	3.030e+02	2.266e+02	1.34	y	y	1.1050
99	4	PCB-136	33:31	1.451e+04	1.158e+04	1.25	y	n	1.1661
100	4	PCB-145	NotFnd	*	*	*	n	n	1.0778
101	4	PCB-148	35:15	7.446e+01	6.445e+01	1.16	y	n	0.8871
102	4	PCB-135/151	35:51	3.854e+04	3.033e+04	1.27	y	n	0.8522
103	4	PCB-154	36:06	1.009e+03	7.882e+02	1.28	y	n	1.0188
104	4	PCB-144	36:25	5.946e+03	4.798e+03	1.24	y	n	0.9007
105	5	PCB-147/149	36:47	1.092e+05	8.637e+04	1.26	y	n	0.9377
106	5	PCB-134	36:59	4.474e+03	3.671e+03	1.22	y	n	0.7677
107	5	PCB-143	NotFnd	*	*	*	n	n	0.9456

108	5	PCB-139/140	37:22	8.203e+02	6.607e+02	1.24	y	n	0.9451
109	5	PCB-131	37:35	6.992e+02	5.578e+02	1.25	y	n	0.8664
110	5	PCB-142	NotFnd	*	*	*	n	n	0.8466
111	5	PCB-132	38:03	3.058e+04	2.439e+04	1.25	y	n	0.8083
112	5	PCB-133	38:31	1.476e+03	1.272e+03	1.16	y	n	0.8767
113	5	PCB-165	NotFnd	*	*	*	n	n	1.0856
114	5	PCB-146	39:09	2.090e+04	1.684e+04	1.24	y	n	1.0588
115	5	PCB-161	NotFnd	*	*	*	n	n	1.2250
116	5	PCB-153/168	39:45	1.644e+05	1.310e+05	1.26	y	n	1.1005
117	5	PCB-141	39:58	3.233e+04	2.562e+04	1.26	y	n	0.9429
118	5	PCB-130	40:23	4.891e+03	3.905e+03	1.25	y	n	0.8205
119	5	PCB-137	40:35	1.602e+03	1.322e+03	1.21	y	n	0.9029
120	5	PCB-164	40:42	1.151e+04	9.366e+03	1.23	y	n	1.1633
121	5	PCB-129/138/163	41:01	1.433e+05	1.142e+05	1.25	y	n	0.9643
122	5	PCB-160	NotFnd	*	*	*	n	n	1.1134
123	5	PCB-158	41:24	1.829e+04	1.460e+04	1.25	y	n	1.3050
124	5	PCB-128/166	42:17	1.490e+04	1.188e+04	1.25	y	n	1.0220
125	6	PCB-159	43:13	3.174e+03	2.436e+03	1.30	y	n	1.0406
126	6	PCB-162	43:31	6.532e+02	4.933e+02	1.32	y	n	1.0021
127	6	PCB-167	43:59	7.068e+03	5.466e+03	1.29	y	n	1.0299
128	6	PCB-156/157	45:07	1.436e+04	1.097e+04	1.31	y	n	1.0644
129	6	PCB-169	48:22	3.356e+02	3.492e+02	0.96	n	y	1.0362
130	5	PCB-188	NotFnd	*	*	*	n	n	0.9497
131	5	PCB-179	38:47	2.281e+04	2.167e+04	1.05	y	n	1.1594
132	5	PCB-184	NotFnd	*	*	*	n	n	1.1040
133	5	PCB-176	39:39	7.276e+03	6.952e+03	1.05	y	n	1.1081
134	5	PCB-186	NotFnd	*	*	*	n	n	1.0221
135	5	PCB-178	41:27	9.344e+03	8.798e+03	1.06	y	n	0.7873
136	5	PCB-175	42:05	2.266e+03	2.185e+03	1.04	y	n	0.8326
137	5	PCB-187	42:21	6.216e+04	5.958e+04	1.04	y	n	0.8686
138	5	PCB-182	42:32	2.748e+02	3.197e+02	0.86	n	n	0.8571
139	6	PCB-183	42:58	3.049e+04	2.990e+04	1.02	y	y	0.6804
140	6	PCB-185	43:04	4.166e+03	4.393e+03	0.95	y	y	0.6925
141	6	PCB-174	43:13	4.720e+04	4.651e+04	1.01	y	n	0.6836
142	6	PCB-177	43:39	2.714e+04	2.678e+04	1.01	y	n	0.6459
143	6	PCB-181	NotFnd	*	*	*	n	n	0.6473
144	6	PCB-171/173	44:16	1.289e+04	1.268e+04	1.02	y	n	0.6352
145	6	PCB-172	45:52	8.261e+03	8.147e+03	1.01	y	n	0.6241
146	6	PCB-192	NotFnd	*	*	*	n	n	0.7467
147	6	PCB-180/193	46:31	1.301e+05	1.281e+05	1.02	y	n	0.7630
148	6	PCB-191	46:53	2.972e+03	2.882e+03	1.03	y	n	0.8323
149	6	PCB-170	47:47	4.345e+04	4.295e+04	1.01	y	n	0.5878
150	6	PCB-190	48:17	1.356e+04	1.342e+04	1.01	y	n	0.8945
151	6	PCB-189	50:51	2.152e+03	2.173e+03	0.99	y	n	0.9118
152	6	PCB-202	43:46	3.620e+03	3.992e+03	0.91	y	n	0.8687
153	6	PCB-201	44:41	2.882e+03	3.348e+03	0.86	y	n	1.0150
154	6	PCB-204	NotFnd	*	*	*	n	n	1.0045
155	6	PCB-197	45:34	8.514e+02	9.705e+02	0.88	y	n	1.0194
156	6	PCB-200	45:41	2.938e+03	3.332e+03	0.88	y	n	0.9761
157	6	PCB-198/199	48:28	2.024e+04	2.282e+04	0.89	y	n	0.6882
158	6	PCB-196	49:07	1.035e+04	1.170e+04	0.89	y	n	0.7301
159	6	PCB-203	49:18	1.300e+04	1.464e+04	0.89	y	n	0.7310
160	6	PCB-195	50:38	8.297e+03	9.292e+03	0.89	y	n	0.6824
161	6	PCB-194	52:56	2.102e+04	2.365e+04	0.89	y	n	0.6889
162	6	PCB-205	53:24	1.505e+03	1.733e+03	0.87	y	n	0.9331
163	6	PCB-208	50:22	7.626e+02	9.214e+02	0.83	y	n	0.9147
164	6	PCB-207	51:17	5.852e+02	7.372e+02	0.79	y	n	0.9673

165	7	PCB-206	55:08	6.181e+03	8.060e+03	0.77	y	n	0.9373
166	7	PCB-209	56:43	9.780e+02	8.189e+02	1.19	y	n	0.9245
167	1	PCB-1L	12:58	2.354e+04	7.615e+03	3.09	y	n	1.1619
168	1	PCB-3L	15:11	2.583e+04	8.135e+03	3.18	y	n	1.1871
169	1	PCB-4L	15:27	1.065e+04	6.676e+03	1.60	y	n	0.9067
170	2	PCB-15L	21:20	2.178e+04	1.369e+04	1.59	y	n	1.0299
171	2	PCB-19L	18:37	7.075e+03	6.384e+03	1.11	y	n	0.6145
172	3	PCB-37L	28:19	1.945e+04	1.832e+04	1.06	y	n	1.3198
173	2	PCB-54L	21:39	7.825e+03	9.546e+03	0.82	y	n	1.2606
174	4	PCB-81L	35:03	1.306e+04	1.639e+04	0.80	y	n	1.0877
175	4	PCB-77L	35:39	1.336e+04	1.699e+04	0.79	y	n	1.0905
176	3	PCB-104L	27:05	1.213e+04	7.569e+03	1.60	y	n	1.4802
177	5	PCB-123L	37:34	1.691e+04	1.063e+04	1.59	y	n	1.2142
178	5	PCB-118L	37:53	1.797e+04	1.112e+04	1.62	y	n	1.2461
179	5	PCB-114L	38:24	1.824e+04	1.125e+04	1.62	y	n	1.2363
180	5	PCB-105L	39:05	1.733e+04	1.111e+04	1.56	y	n	1.1971
181	5	PCB-126L	42:09	1.898e+04	1.219e+04	1.56	y	n	1.1046
182	4	PCB-155L	32:42	1.246e+04	9.431e+03	1.32	y	n	1.5987
183	6	PCB-167L	43:58	1.262e+04	1.018e+04	1.24	y	n	1.0506
184	6	PCB-156/157L	45:08	2.487e+04	1.938e+04	1.28	y	n	0.9622
185	6	PCB-169L	48:21	1.209e+04	9.649e+03	1.25	y	n	0.8858
186	5	PCB-188L	38:24	1.031e+04	9.852e+03	1.05	y	n	2.4832
187	6	PCB-189L	50:50	9.554e+03	9.116e+03	1.05	y	n	1.5028
188	6	PCB-202L	43:45	7.490e+03	8.227e+03	0.91	y	n	1.7573
189	6	PCB-205L	53:23	7.805e+03	8.678e+03	0.90	y	n	1.3167
190	6	PCB-208L	50:21	6.131e+03	7.600e+03	0.81	y	n	1.4456
191	7	PCB-206L	55:06	7.809e+03	9.835e+03	0.79	y	n	1.1761
192	7	PCB-209L	56:41	9.797e+03	8.000e+03	1.22	y	n	1.6061
193	3	PCB-28L	24:19	2.016e+04	1.918e+04	1.05	y	n	1.5382
194	4	PCB-111L	35:38	1.328e+04	8.237e+03	1.61	y	n	1.2383
195	5	PCB-178L	41:26	7.129e+03	6.814e+03	1.05	y	n	1.3547
196	2	PCB-9L	17:35	3.063e+04	1.920e+04	1.60	y	n	-
197	3	PCB-52L	26:09	1.293e+04	1.622e+04	0.80	y	n	-
198	4	PCB-101L	32:57	1.654e+04	1.037e+04	1.59	y	n	-
199	5	PCB-138L	40:59	1.737e+04	1.341e+04	1.29	y	n	-
200	6	PCB-194L	52:55	8.307e+03	9.070e+03	0.92	y	n	-

PCB209: $(9.780e+02 + 8.189e+02)$ $\times 1000$ \sim 211 mg/kg
 $(9.797e+03 + 8.000e+03)$ 5.182g \times .9245
 1/19/11


Columbia Analytical Services, Inc.
Signal/Noise Height Ratio SummaryCLIENT ID.
USEN-N/S-05-1

Run #16 Filename U224756#1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 04:15:05

Processed: 17-JAN-11 17:32:17 LAB. ID: K1013433-007

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	2.77e+06	1.86e+03	1.5e+03	8.87e+05	9.68e+02	9.2e+02
2	PCB-2	1.36e+06	1.86e+03	7.3e+02	4.32e+05	9.68e+02	4.5e+02
3	PCB-3	1.46e+06	1.86e+03	7.9e+02	4.54e+05	9.68e+02	4.7e+02
4	PCB-4	7.73e+05	9.68e+03	8.0e+01	4.78e+05	1.06e+05	4.5e+00
5	PCB-10	*	9.68e+03	*	*	1.06e+05	*
6	PCB-9	1.53e+06	2.20e+03	7.0e+02	9.62e+05	1.64e+04	5.9e+01
7	PCB-7	3.42e+05	2.20e+03	1.6e+02	2.24e+05	1.64e+04	1.4e+01
8	PCB-6	2.80e+06	2.20e+03	1.3e+03	1.69e+06	1.64e+04	1.0e+02
9	PCB-5	2.92e+05	2.20e+03	1.3e+02	2.25e+05	1.64e+04	1.4e+01
10	PCB-8	7.43e+06	2.20e+03	3.4e+03	4.61e+06	1.64e+04	2.8e+02
11	PCB-14	*	2.20e+03	*	*	1.64e+04	*
12	PCB-11	2.68e+06	2.20e+03	1.2e+03	1.65e+06	1.64e+04	1.0e+02
13	PCB-12/13	2.08e+06	2.20e+03	9.5e+02	1.29e+06	1.64e+04	7.9e+01
14	PCB-15	4.41e+06	2.20e+03	2.0e+03	2.73e+06	1.64e+04	1.7e+02
15	PCB-19	2.81e+05	1.46e+03	1.9e+02	2.60e+05	1.39e+03	1.9e+02
16	PCB-18/30	4.46e+06	1.46e+03	3.1e+03	4.24e+06	1.39e+03	3.0e+03
17	PCB-17	1.46e+06	1.46e+03	1.0e+03	1.40e+06	1.39e+03	1.0e+03
18	PCB-27	3.38e+05	1.46e+03	2.3e+02	3.18e+05	1.39e+03	2.3e+02
19	PCB-24	8.11e+04	1.46e+03	5.6e+01	8.24e+04	1.39e+03	5.9e+01
20	PCB-16	1.39e+06	1.46e+03	9.6e+02	1.36e+06	1.39e+03	9.8e+02
21	PCB-32	1.67e+06	1.46e+03	1.1e+03	1.63e+06	1.39e+03	1.2e+03
22	PCB-34	4.34e+04	3.16e+03	1.4e+01	3.98e+04	9.99e+03	4.0e+00
23	PCB-23	*	3.16e+03	*	*	9.99e+03	*
24	PCB-26/29	2.10e+06	3.16e+03	6.6e+02	2.00e+06	9.99e+03	2.0e+02
25	PCB-25	7.11e+05	3.16e+03	2.3e+02	6.46e+05	9.99e+03	6.5e+01
26	PCB-31	1.18e+07	3.16e+03	3.7e+03	1.11e+07	9.99e+03	1.1e+03
27	PCB-20/28	1.08e+07	3.16e+03	3.4e+03	1.01e+07	9.99e+03	1.0e+03
28	PCB-21/33	5.73e+06	3.16e+03	1.8e+03	5.44e+06	9.99e+03	5.4e+02
29	PCB-22	4.58e+06	3.16e+03	1.5e+03	4.22e+06	9.99e+03	4.2e+02
30	PCB-36	3.87e+04	3.16e+03	1.2e+01	2.69e+04	9.99e+03	2.7e+00
31	PCB-39	7.03e+04	3.16e+03	2.2e+01	6.60e+04	9.99e+03	6.6e+00
32	PCB-38	*	3.16e+03	*	*	9.99e+03	*
33	PCB-35	4.93e+05	3.16e+03	1.6e+02	4.82e+05	9.99e+03	4.8e+01
34	PCB-37	4.50e+06	3.16e+03	1.4e+03	4.12e+06	9.99e+03	4.1e+02
35	PCB-54	8.60e+03	1.28e+03	6.7e+00	1.13e+04	1.52e+03	7.4e+00
36	PCB-50/53	6.06e+05	1.30e+03	4.6e+02	8.00e+05	1.43e+03	5.6e+02
37	PCB-45/51	5.69e+05	1.30e+03	4.4e+02	7.40e+05	1.43e+03	5.2e+02
38	PCB-46	2.19e+05	1.30e+03	1.7e+02	2.69e+05	1.43e+03	1.9e+02
39	PCB-52	5.20e+06	1.30e+03	4.0e+03	6.70e+06	1.43e+03	4.7e+03
40	PCB-43/73	1.70e+05	1.30e+03	1.3e+02	2.02e+05	1.43e+03	1.4e+02
41	PCB-49/69	2.95e+06	1.30e+03	2.3e+03	3.76e+06	1.43e+03	2.6e+03
42	PCB-48	1.05e+06	1.30e+03	8.0e+02	1.35e+06	1.43e+03	9.4e+02
43	PCB-44/47/65	4.45e+06	1.30e+03	3.4e+03	5.74e+06	1.43e+03	4.0e+03
44	PCB-59/62/75	4.95e+05	1.30e+03	3.8e+02	6.28e+05	1.43e+03	4.4e+02
45	PCB-42	1.13e+06	1.30e+03	8.7e+02	1.46e+06	1.43e+03	1.0e+03
46	PCB-40/41/71	2.31e+06	1.30e+03	1.8e+03	2.93e+06	1.43e+03	2.0e+03
47	PCB-64	2.86e+06	1.30e+03	2.2e+03	3.70e+06	1.43e+03	2.6e+03

48	PCB-72	5.56e+04	1.30e+03	4.3e+01	8.78e+04	1.43e+03	6.1e+01
49	PCB-68	*	1.30e+03	*	*	1.43e+03	*
50	PCB-57	3.05e+04	1.30e+03	2.3e+01	3.23e+04	1.43e+03	2.3e+01
51	PCB-58	*	1.30e+03	*	*	1.43e+03	*
52	PCB-67	2.07e+05	1.30e+03	1.6e+02	2.72e+05	1.43e+03	1.9e+02
53	PCB-63	2.82e+05	1.30e+03	2.2e+02	3.45e+05	1.43e+03	2.4e+02
54	PCB-61/70/74/76	8.85e+06	1.30e+03	6.8e+03	1.14e+07	1.43e+03	7.9e+03
55	PCB-66	6.83e+06	1.30e+03	5.2e+03	8.73e+06	1.43e+03	6.1e+03
56	PCB-55	*	1.30e+03	*	*	1.43e+03	*
57	PCB-56	4.28e+06	1.25e+04	3.4e+02	5.26e+06	6.63e+03	7.9e+02
58	PCB-60	2.69e+06	1.25e+04	2.2e+02	3.39e+06	6.63e+03	5.1e+02
59	PCB-80	*	1.25e+04	*	*	6.63e+03	*
60	PCB-79	1.38e+05	1.25e+04	1.1e+01	2.15e+05	6.63e+03	3.2e+01
61	PCB-78	*	1.25e+04	*	*	6.63e+03	*
62	PCB-81	7.75e+04	1.25e+04	6.2e+00	8.77e+04	6.63e+03	1.3e+01
63	PCB-77	1.51e+06	1.25e+04	1.2e+02	1.90e+06	6.63e+03	2.9e+02
64	PCB-104	*	1.16e+03	*	*	1.22e+03	*
65	PCB-96	6.84e+04	1.16e+03	5.9e+01	4.19e+04	1.22e+03	3.4e+01
66	PCB-103	4.22e+04	1.16e+03	3.6e+01	2.75e+04	1.22e+03	2.3e+01
67	PCB-94	3.50e+04	1.16e+03	3.0e+01	2.03e+04	1.22e+03	1.7e+01
68	PCB-95	5.20e+06	1.16e+03	4.5e+03	3.42e+06	1.22e+03	2.8e+03
69	PCB-93/100	4.45e+04	1.16e+03	3.8e+01	3.14e+04	1.22e+03	2.6e+01
70	PCB-98/102	2.13e+05	1.16e+03	1.8e+02	1.43e+05	1.22e+03	1.2e+02
71	PCB-88/91	6.15e+05	1.16e+03	5.3e+02	4.18e+05	1.22e+03	3.4e+02
72	PCB-84	1.11e+06	1.16e+03	9.5e+02	6.85e+05	1.22e+03	5.6e+02
73	PCB-89	8.41e+04	1.16e+03	7.3e+01	5.29e+04	1.22e+03	4.4e+01
74	PCB-121	*	2.55e+03	*	*	1.78e+03	*
75	PCB-92	1.22e+06	2.55e+03	4.8e+02	8.19e+05	1.78e+03	4.6e+02
76	PCB-90/101/113	1.01e+07	2.55e+03	3.9e+03	6.37e+06	1.78e+03	3.6e+03
77	PCB-83/99	2.64e+06	2.55e+03	1.0e+03	1.70e+06	1.78e+03	9.5e+02
78	PCB-112	*	2.55e+03	*	*	1.78e+03	*
79	CB-86/87/97/109/119/125	2.95e+06	2.55e+03	1.2e+03	1.90e+06	1.78e+03	1.1e+03
80	PCB-117	2.19e+05	2.55e+03	8.6e+01	1.86e+05	1.78e+03	1.0e+02
81	PCB-85/116	1.32e+06	2.55e+03	5.2e+02	8.55e+05	1.78e+03	4.8e+02
82	PCB-110/115	1.06e+07	2.55e+03	4.2e+03	6.71e+06	1.78e+03	3.8e+03
83	PCB-82	7.81e+05	2.55e+03	3.1e+02	5.17e+05	1.78e+03	2.9e+02
84	PCB-111	*	2.55e+03	*	*	1.78e+03	*
85	PCB-120	7.48e+04	2.55e+03	2.9e+01	4.69e+04	1.78e+03	2.6e+01
86	PCB-108/124	5.56e+05	3.98e+04	1.4e+01	3.66e+05	3.44e+04	1.1e+01
87	PCB-107	1.02e+06	3.98e+04	2.6e+01	6.45e+05	3.44e+04	1.9e+01
88	PCB-123	2.80e+05	3.98e+04	7.0e+00	1.71e+05	3.44e+04	5.0e+00
89	PCB-106	*	3.98e+04	*	*	3.44e+04	*
90	PCB-118	1.16e+07	3.98e+04	2.9e+02	7.27e+06	3.44e+04	2.1e+02
91	PCB-122	1.78e+05	3.98e+04	4.5e+00	1.05e+05	3.44e+04	3.0e+00
92	PCB-114	3.65e+05	3.98e+04	9.2e+00	2.34e+05	3.44e+04	6.8e+00
93	PCB-105	6.06e+06	3.98e+04	1.5e+02	3.90e+06	3.44e+04	1.1e+02
94	PCB-127	*	3.98e+04	*	*	3.44e+04	*
95	PCB-126	3.76e+05	3.98e+04	9.4e+00	2.09e+05	3.44e+04	6.1e+00
96	PCB-155	*	3.27e+03	*	*	4.39e+03	*
97	PCB-152	1.38e+04	3.27e+03	4.2e+00	1.23e+04	4.39e+03	2.8e+00
98	PCB-150	5.22e+04	3.27e+03	1.6e+01	4.60e+04	4.39e+03	1.0e+01
99	PCB-136	2.75e+06	3.27e+03	8.4e+02	2.19e+06	4.39e+03	5.0e+02
100	PCB-145	*	3.27e+03	*	*	4.39e+03	*
101	PCB-148	1.57e+04	3.27e+03	4.8e+00	1.15e+04	4.39e+03	2.6e+00
102	PCB-135/151	5.53e+06	3.27e+03	1.7e+03	4.33e+06	4.39e+03	9.9e+02
103	PCB-154	1.81e+05	3.27e+03	5.5e+01	1.43e+05	4.39e+03	3.3e+01
104	PCB-144	1.11e+06	3.27e+03	3.4e+02	8.90e+05	4.39e+03	2.0e+02

105	PCB-147/149	2.00e+07	8.70e+03	2.3e+03	1.59e+07	8.28e+03	1.9e+03
106	PCB-134	7.56e+05	8.70e+03	8.7e+01	5.94e+05	8.28e+03	7.2e+01
107	PCB-143	*	8.70e+03	*	*	8.28e+03	*
108	PCB-139/140	1.39e+05	8.70e+03	1.6e+01	1.15e+05	8.28e+03	1.4e+01
109	PCB-131	1.37e+05	8.70e+03	1.6e+01	1.10e+05	8.28e+03	1.3e+01
110	PCB-142	*	8.70e+03	*	*	8.28e+03	*
111	PCB-132	5.54e+06	8.70e+03	6.4e+02	4.44e+06	8.28e+03	5.4e+02
112	PCB-133	2.64e+05	8.70e+03	3.0e+01	2.13e+05	8.28e+03	2.6e+01
113	PCB-165	*	8.70e+03	*	*	8.28e+03	*
114	PCB-146	3.70e+06	8.70e+03	4.3e+02	3.00e+06	8.28e+03	3.6e+02
115	PCB-161	*	8.70e+03	*	*	8.28e+03	*
116	PCB-153/168	2.96e+07	8.70e+03	3.4e+03	2.37e+07	8.28e+03	2.9e+03
117	PCB-141	5.89e+06	8.70e+03	6.8e+02	4.61e+06	8.28e+03	5.6e+02
118	PCB-130	9.23e+05	8.70e+03	1.1e+02	7.42e+05	8.28e+03	9.0e+01
119	PCB-137	3.24e+05	8.70e+03	3.7e+01	2.64e+05	8.28e+03	3.2e+01
120	PCB-164	2.03e+06	8.70e+03	2.3e+02	1.67e+06	8.28e+03	2.0e+02
121	PCB-129/138/163	2.47e+07	8.70e+03	2.8e+03	1.97e+07	8.28e+03	2.4e+03
122	PCB-160	*	8.70e+03	*	*	8.28e+03	*
123	PCB-158	3.16e+06	8.70e+03	3.6e+02	2.51e+06	8.28e+03	3.0e+02
124	PCB-128/166	2.04e+06	8.70e+03	2.3e+02	1.62e+06	8.28e+03	2.0e+02
125	PCB-159	6.85e+05	1.02e+04	6.7e+01	5.18e+05	3.44e+03	1.5e+02
126	PCB-162	1.66e+05	1.02e+04	1.6e+01	1.21e+05	3.44e+03	3.5e+01
127	PCB-167	1.52e+06	1.02e+04	1.5e+02	1.16e+06	3.44e+03	3.4e+02
128	PCB-156/157	2.76e+06	1.02e+04	2.7e+02	2.10e+06	3.44e+03	6.1e+02
129	PCB-169	8.21e+04	1.02e+04	8.1e+00	7.40e+04	3.44e+03	2.2e+01
130	PCB-188	*	1.31e+03	*	*	1.20e+03	*
131	PCB-179	4.12e+06	1.31e+03	3.2e+03	3.89e+06	1.20e+03	3.3e+03
132	PCB-184	*	1.31e+03	*	*	1.20e+03	*
133	PCB-176	1.32e+06	1.31e+03	1.0e+03	1.27e+06	1.20e+03	1.1e+03
134	PCB-186	*	1.31e+03	*	*	1.20e+03	*
135	PCB-178	1.71e+06	1.31e+03	1.3e+03	1.61e+06	1.20e+03	1.3e+03
136	PCB-175	4.10e+05	1.31e+03	3.1e+02	3.96e+05	1.20e+03	3.3e+02
137	PCB-187	1.15e+07	1.31e+03	8.8e+03	1.10e+07	1.20e+03	9.2e+03
138	PCB-182	5.61e+04	1.31e+03	4.3e+01	5.51e+04	1.20e+03	4.6e+01
139	PCB-183	6.67e+06	1.33e+04	5.0e+02	6.59e+06	1.83e+04	3.6e+02
140	PCB-185	1.28e+06	1.33e+04	9.6e+01	1.39e+06	1.83e+04	7.6e+01
141	PCB-174	1.04e+07	1.33e+04	7.8e+02	1.02e+07	1.83e+04	5.6e+02
142	PCB-177	5.87e+06	1.33e+04	4.4e+02	5.79e+06	1.83e+04	3.2e+02
143	PCB-181	*	1.33e+04	*	*	1.83e+04	*
144	PCB-171/173	2.79e+06	1.33e+04	2.1e+02	2.80e+06	1.83e+04	1.5e+02
145	PCB-172	1.80e+06	1.33e+04	1.4e+02	1.78e+06	1.83e+04	9.7e+01
146	PCB-192	*	1.33e+04	*	*	1.83e+04	*
147	PCB-180/193	2.71e+07	1.33e+04	2.0e+03	2.67e+07	1.83e+04	1.5e+03
148	PCB-191	6.17e+05	1.33e+04	4.6e+01	5.95e+05	1.83e+04	3.3e+01
149	PCB-170	9.31e+06	1.33e+04	7.0e+02	9.24e+06	1.83e+04	5.1e+02
150	PCB-190	2.90e+06	1.33e+04	2.2e+02	2.86e+06	1.83e+04	1.6e+02
151	PCB-189	4.53e+05	1.33e+04	3.4e+01	4.60e+05	1.83e+04	2.5e+01
152	PCB-202	8.01e+05	1.64e+03	4.9e+02	8.82e+05	1.74e+03	5.1e+02
153	PCB-201	6.35e+05	1.64e+03	3.9e+02	7.43e+05	1.74e+03	4.3e+02
154	PCB-204	*	1.64e+03	*	*	1.74e+03	*
155	PCB-197	2.08e+05	1.64e+03	1.3e+02	2.35e+05	1.74e+03	1.3e+02
156	PCB-200	5.86e+05	1.64e+03	3.6e+02	6.87e+05	1.74e+03	3.9e+02
157	PCB-198/199	4.22e+06	1.64e+03	2.6e+03	4.74e+06	1.74e+03	2.7e+03
158	PCB-196	2.25e+06	1.64e+03	1.4e+03	2.51e+06	1.74e+03	1.4e+03
159	PCB-203	2.76e+06	1.64e+03	1.7e+03	3.12e+06	1.74e+03	1.8e+03
160	PCB-195	1.72e+06	1.64e+03	1.1e+03	1.91e+06	1.74e+03	1.1e+03
161	PCB-194	4.43e+06	1.64e+03	2.7e+03	5.01e+06	1.74e+03	2.9e+03
162	PCB-205	3.18e+05	1.64e+03	1.9e+02	3.64e+05	1.74e+03	2.1e+02

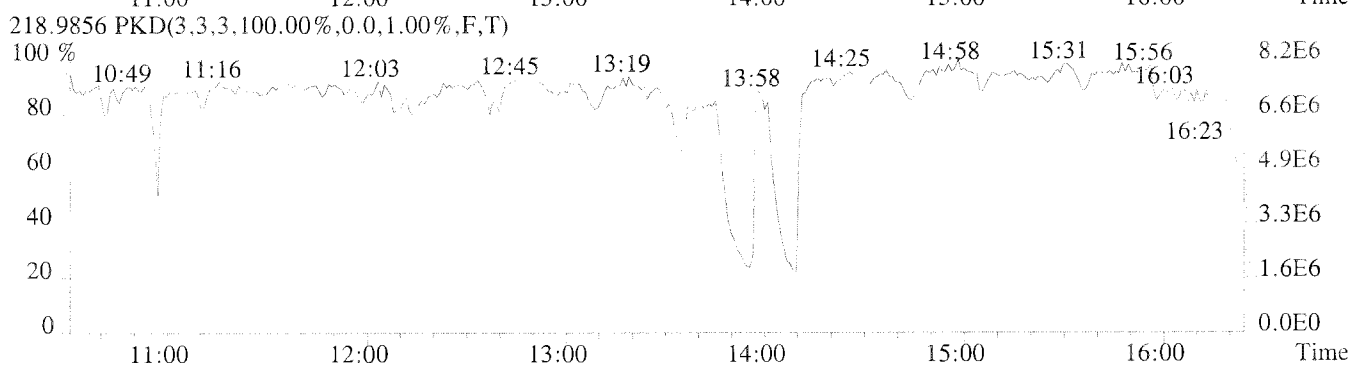
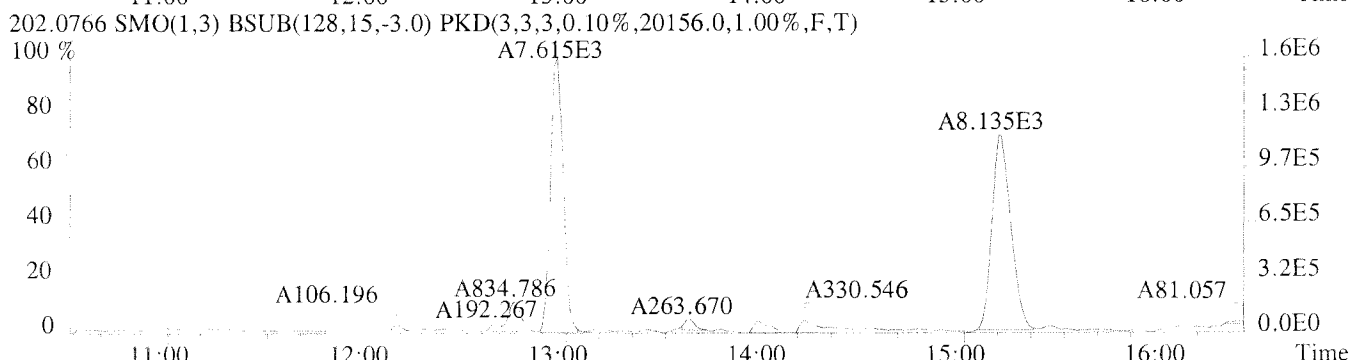
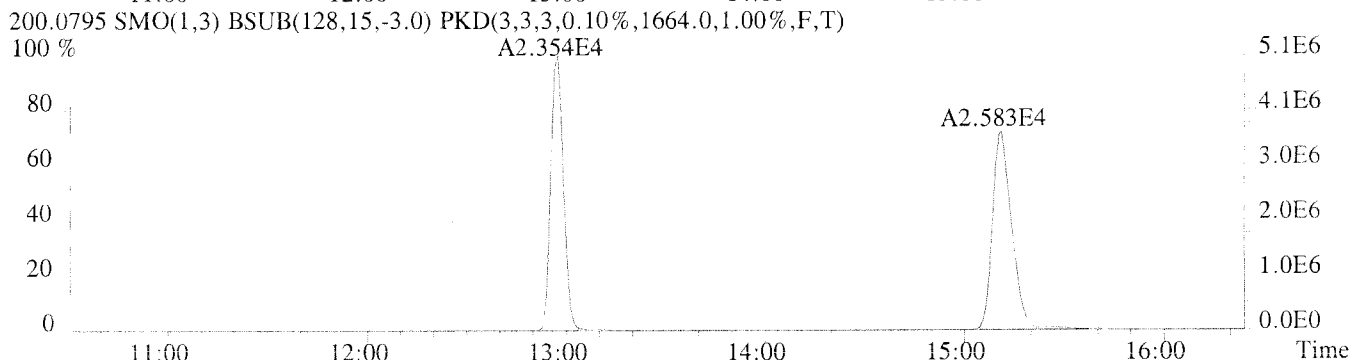
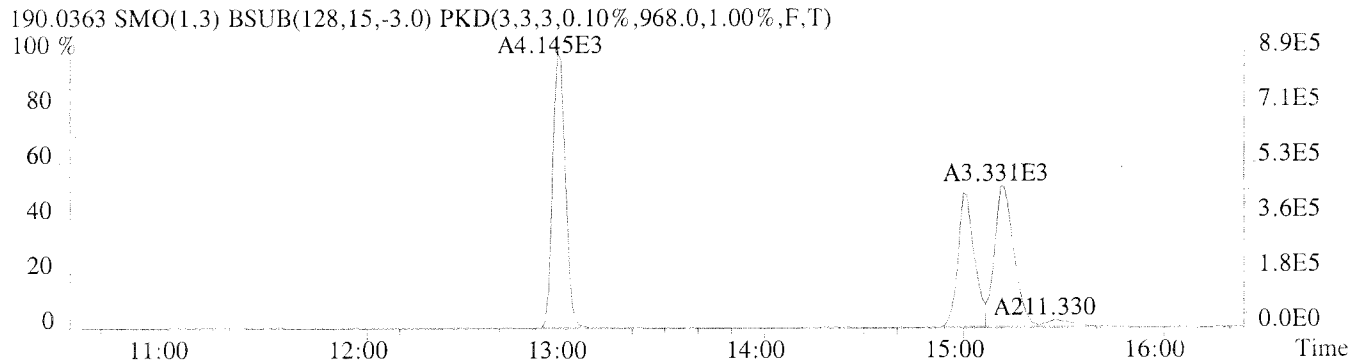
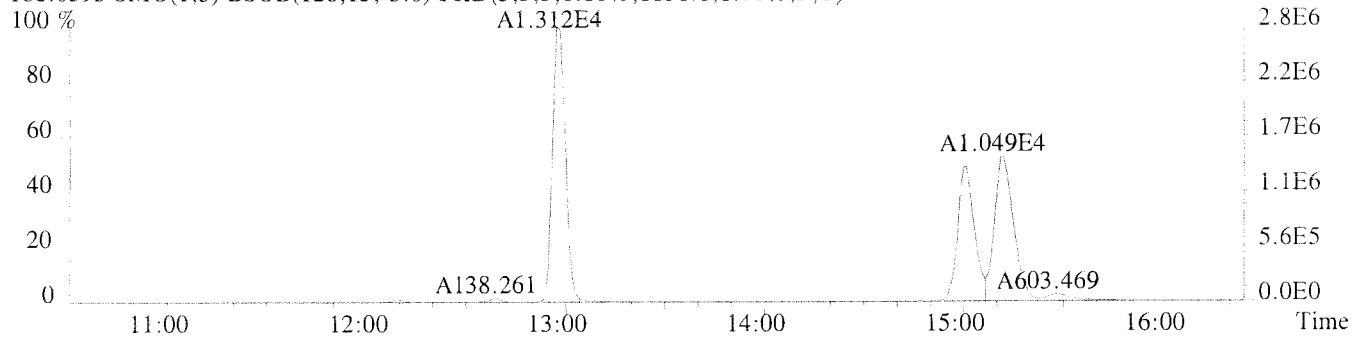
Run #16

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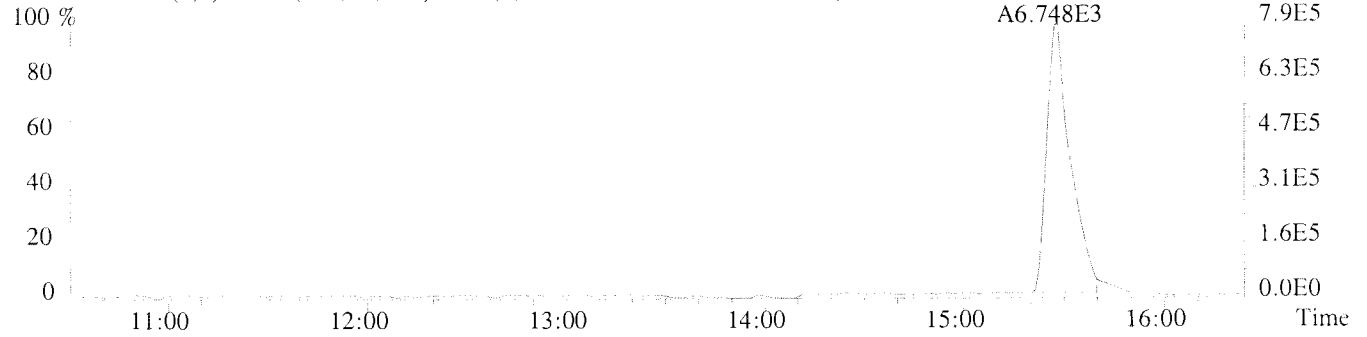
163	PCB-208	1.66e+05	1.26e+03	1.3e+02	1.99e+05	1.69e+03	1.2e+02
164	PCB-207	1.20e+05	1.26e+03	9.5e+01	1.59e+05	1.69e+03	9.4e+01
165	PCB-206	1.21e+06	1.17e+03	1.0e+03	1.57e+06	1.03e+03	1.5e+03
166	PCB-209	1.84e+05	1.26e+03	1.5e+02	1.53e+05	1.15e+03	1.3e+02
167	PCB-11L	5.07e+06	1.66e+03	3.0e+03	1.62e+06	2.02e+04	8.0e+01
168	PCB-3L	3.66e+06	1.66e+03	2.2e+03	1.15e+06	2.02e+04	5.7e+01
169	PCB-4L	1.27e+06	3.23e+03	3.9e+02	7.86e+05	1.14e+03	6.9e+02
170	PCB-15L	4.76e+06	7.14e+03	6.7e+02	3.01e+06	3.87e+03	7.8e+02
171	PCB-19L	1.68e+06	4.94e+04	3.4e+01	1.55e+06	1.12e+05	1.4e+01
172	PCB-37L	3.39e+06	9.48e+03	3.6e+02	3.19e+06	2.59e+04	1.2e+02
173	PCB-54L	1.81e+06	3.80e+03	4.8e+02	2.20e+06	1.08e+03	2.0e+03
174	PCB-81L	2.20e+06	3.76e+03	5.8e+02	2.74e+06	1.55e+03	1.8e+03
175	PCB-77L	2.13e+06	3.76e+03	5.6e+02	2.72e+06	1.55e+03	1.8e+03
176	PCB-104L	2.33e+06	1.16e+03	2.0e+03	1.44e+06	1.42e+03	1.0e+03
177	PCB-123L	3.02e+06	5.32e+03	5.7e+02	1.94e+06	3.61e+03	5.4e+02
178	PCB-118L	3.18e+06	5.32e+03	6.0e+02	1.99e+06	3.61e+03	5.5e+02
179	PCB-114L	3.19e+06	5.32e+03	6.0e+02	2.00e+06	3.61e+03	5.5e+02
180	PCB-105L	3.01e+06	5.32e+03	5.7e+02	1.94e+06	3.61e+03	5.4e+02
181	PCB-126L	3.20e+06	5.32e+03	6.0e+02	2.04e+06	3.61e+03	5.7e+02
182	PCB-155L	2.35e+06	1.73e+03	1.4e+03	1.78e+06	1.58e+03	1.1e+03
183	PCB-167L	2.77e+06	8.88e+02	3.1e+03	2.29e+06	1.51e+03	1.5e+03
184	PCB-156/157L	3.80e+06	8.88e+02	4.3e+03	2.95e+06	1.51e+03	2.0e+03
185	PCB-169L	2.47e+06	8.88e+02	2.8e+03	1.99e+06	1.51e+03	1.3e+03
186	PCB-188L	1.89e+06	1.15e+03	1.6e+03	1.81e+06	1.89e+03	9.6e+02
187	PCB-189L	2.01e+06	1.52e+03	1.3e+03	1.92e+06	1.36e+03	1.4e+03
188	PCB-202L	1.65e+06	2.61e+03	6.3e+02	1.78e+06	1.90e+03	9.4e+02
189	PCB-205L	1.67e+06	2.61e+03	6.4e+02	1.85e+06	1.90e+03	9.7e+02
190	PCB-208L	1.32e+06	1.12e+03	1.2e+03	1.64e+06	1.15e+03	1.4e+03
191	PCB-206L	1.49e+06	1.09e+03	1.4e+03	1.87e+06	8.60e+02	2.2e+03
192	PCB-209L	1.87e+06	1.05e+03	1.8e+03	1.52e+06	1.06e+03	1.4e+03
193	PCB-28L	3.88e+06	9.48e+03	4.1e+02	3.73e+06	2.59e+04	1.4e+02
194	PCB-111L	2.34e+06	1.83e+03	1.3e+03	1.46e+06	2.18e+03	6.7e+02
195	PCB-178L	1.31e+06	1.15e+03	1.1e+03	1.23e+06	1.89e+03	6.5e+02
196	PCB-9L	9.40e+06	7.14e+03	1.3e+03	5.91e+06	3.87e+03	1.5e+03
197	PCB-52L	2.48e+06	2.77e+03	9.0e+02	3.16e+06	1.17e+03	2.7e+03
198	PCB-101L	3.04e+06	1.83e+03	1.7e+03	1.91e+06	2.18e+03	8.8e+02
199	PCB-138L	3.15e+06	8.88e+02	3.5e+03	2.41e+06	1.26e+03	1.9e+03
200	PCB-194L	1.77e+06	2.61e+03	6.8e+02	1.94e+06	1.90e+03	1.0e+03

File:U224756 #1-379 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-007 USENN/S051
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1856.0,1.00%,F,T)

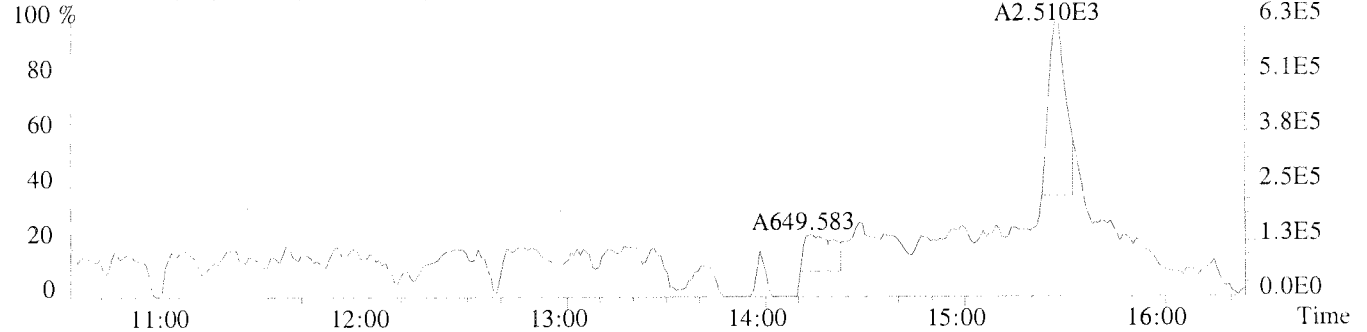


File:U224756 #1-379 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-007 USENN/S051

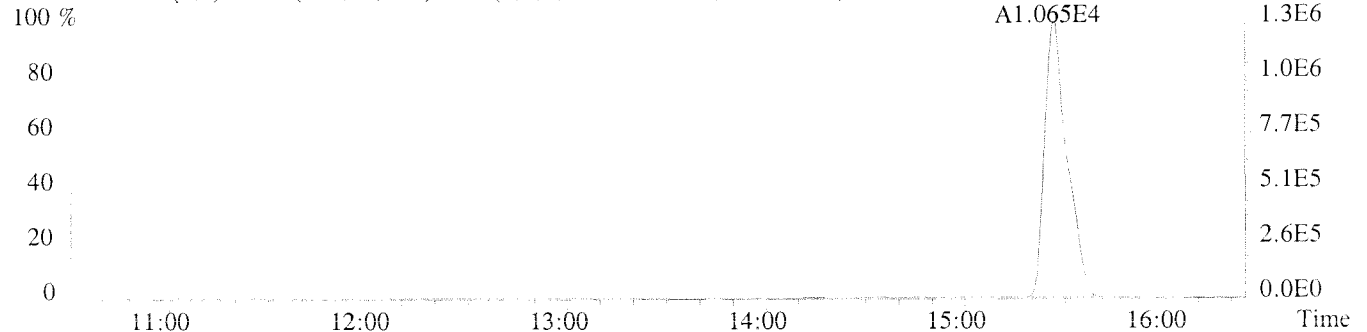
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9680.0,1.00%,F,T)



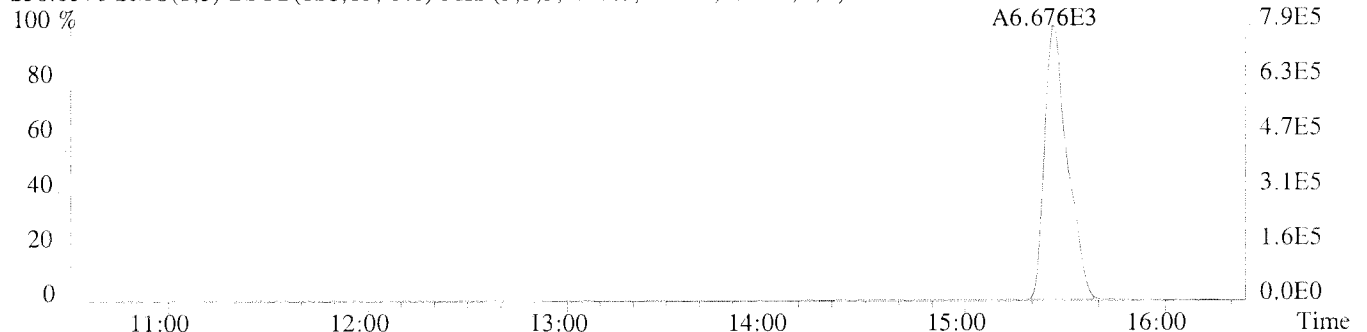
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,106424.0,1.00%,F,T)



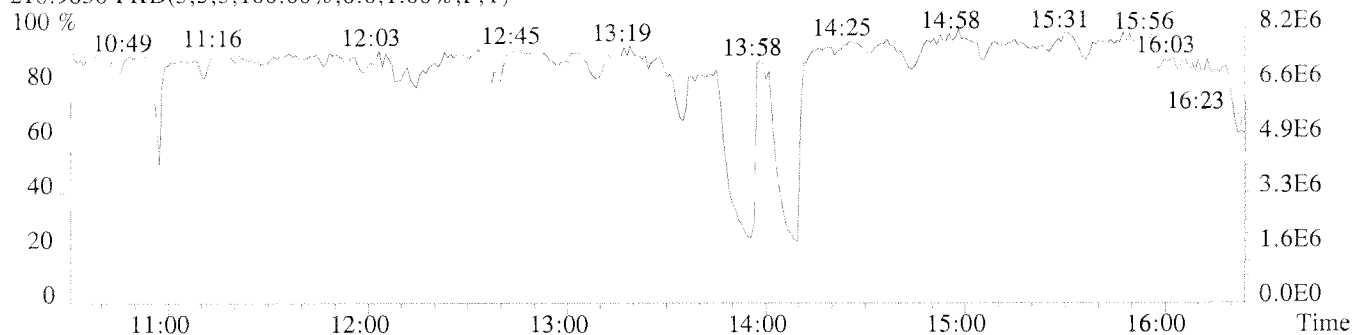
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3228.0,1.00%,F,T)



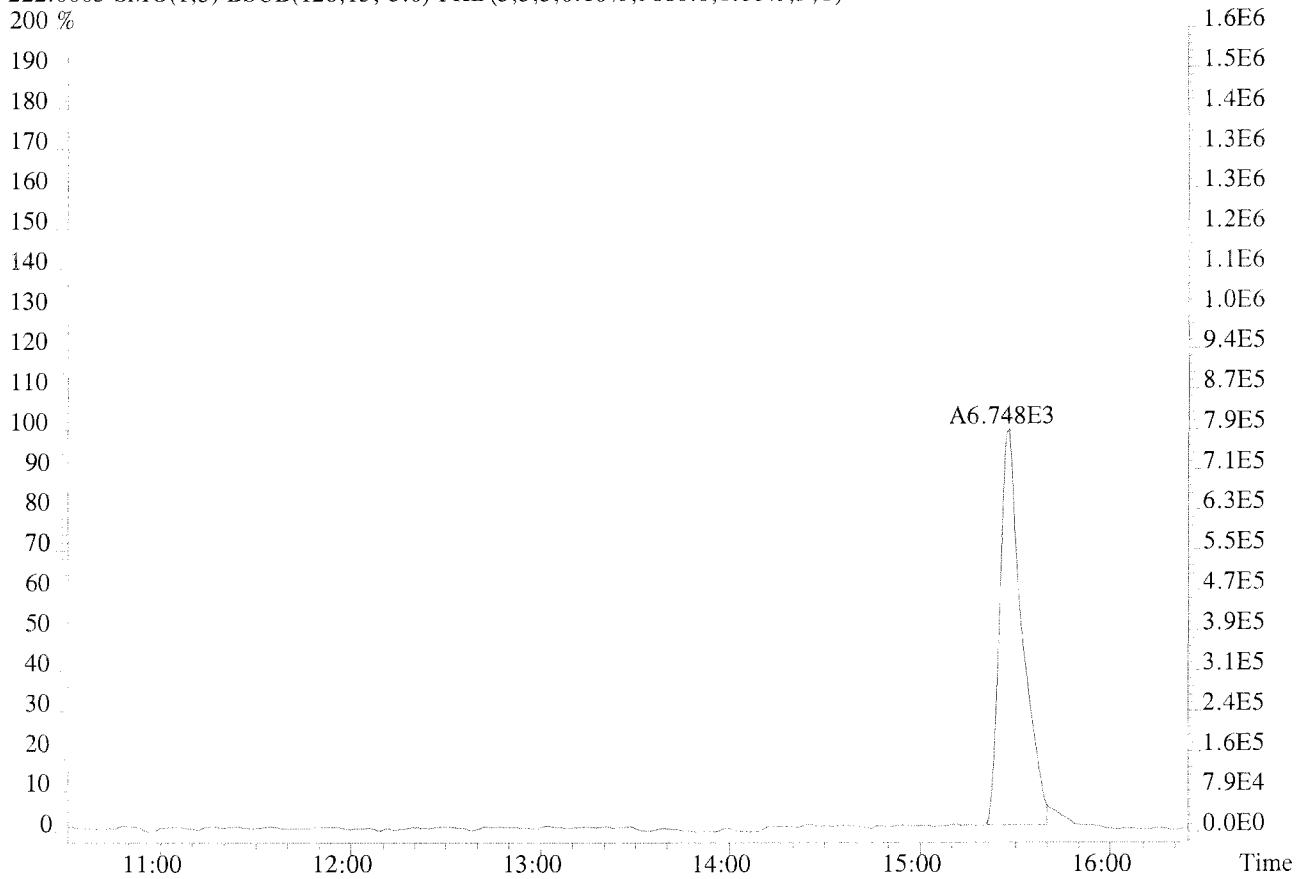
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1136.0,1.00%,F,T)



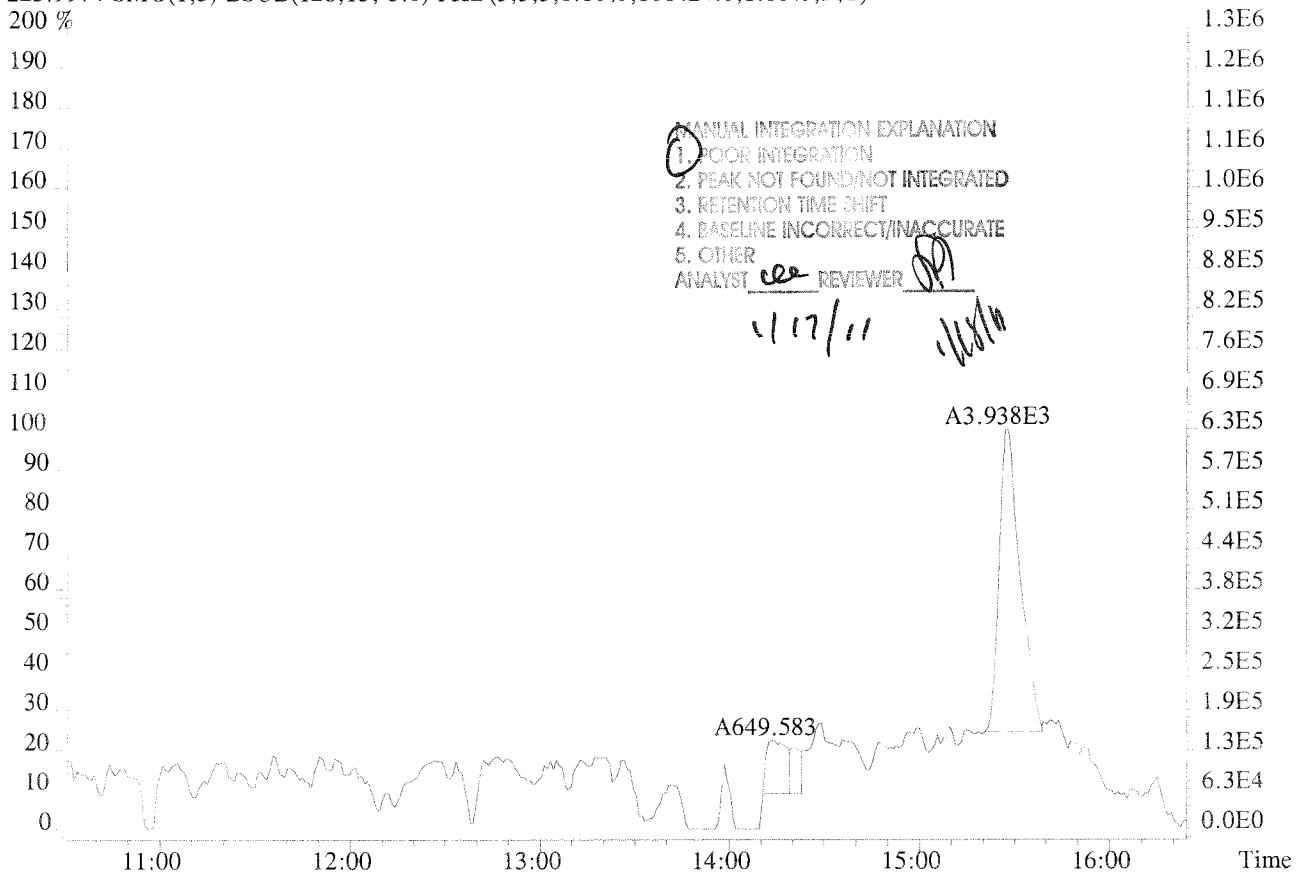
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224756 #1-379 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:K1013433-007 USENN/S051
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9680.0,1.00%,F,T)
200 %

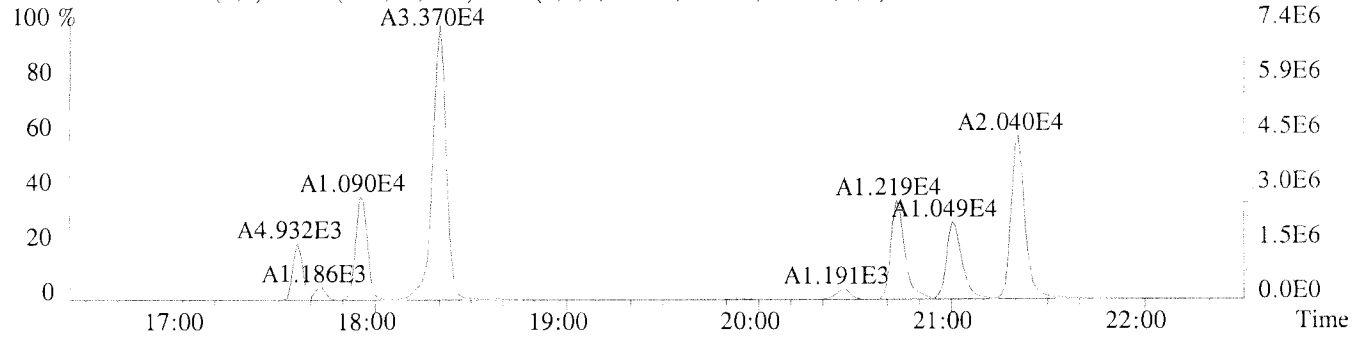


223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,106424.0,1.00%,F,T)
200 %

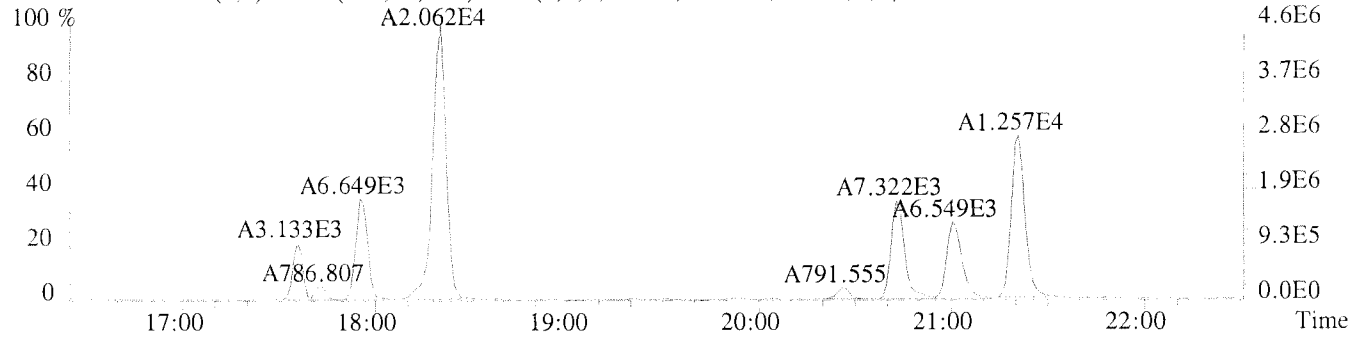


File:U224756 #1-337 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-007 USENN/S051

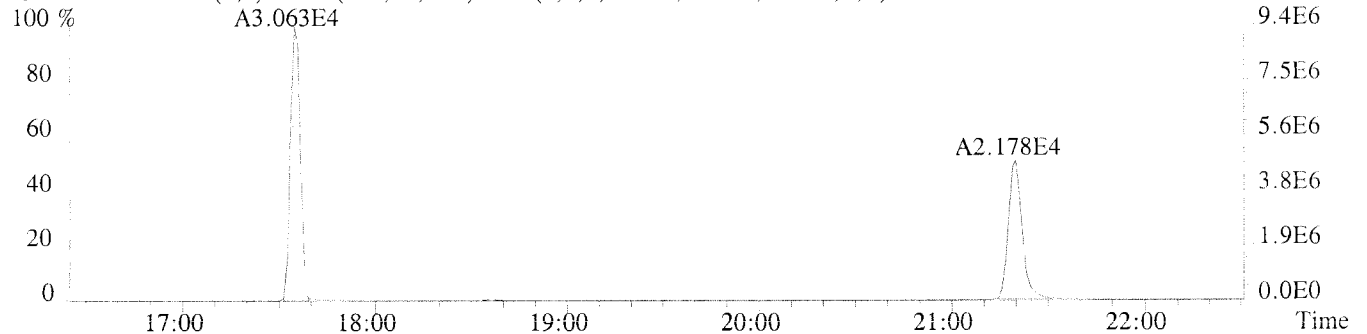
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2196.0,1.00%,F,T)



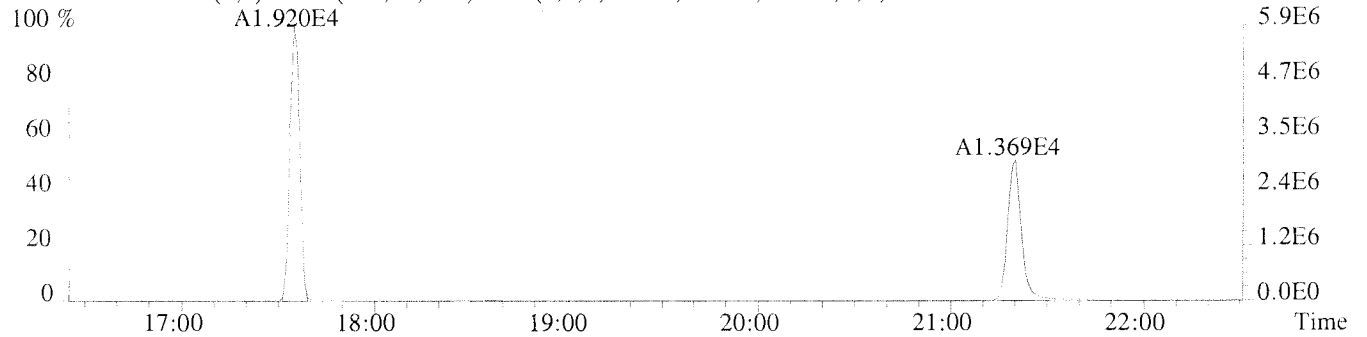
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16380.0,1.00%,F,T)



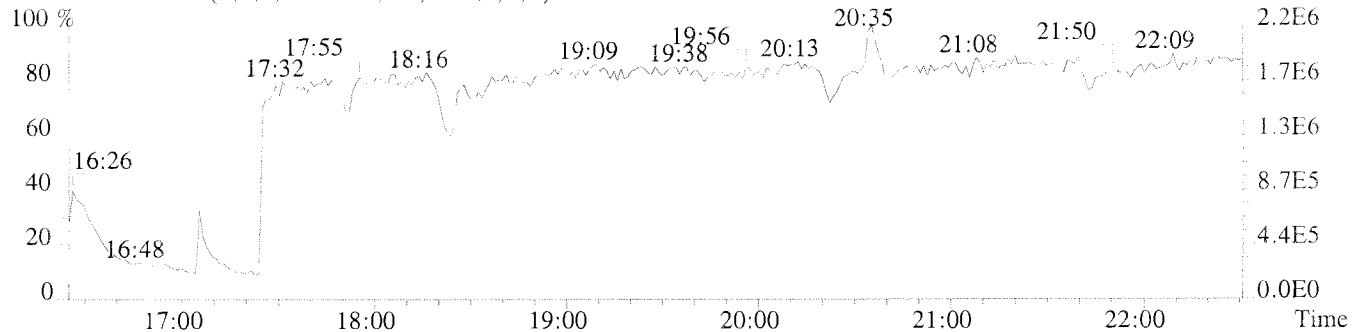
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7144.0,1.00%,F,T)



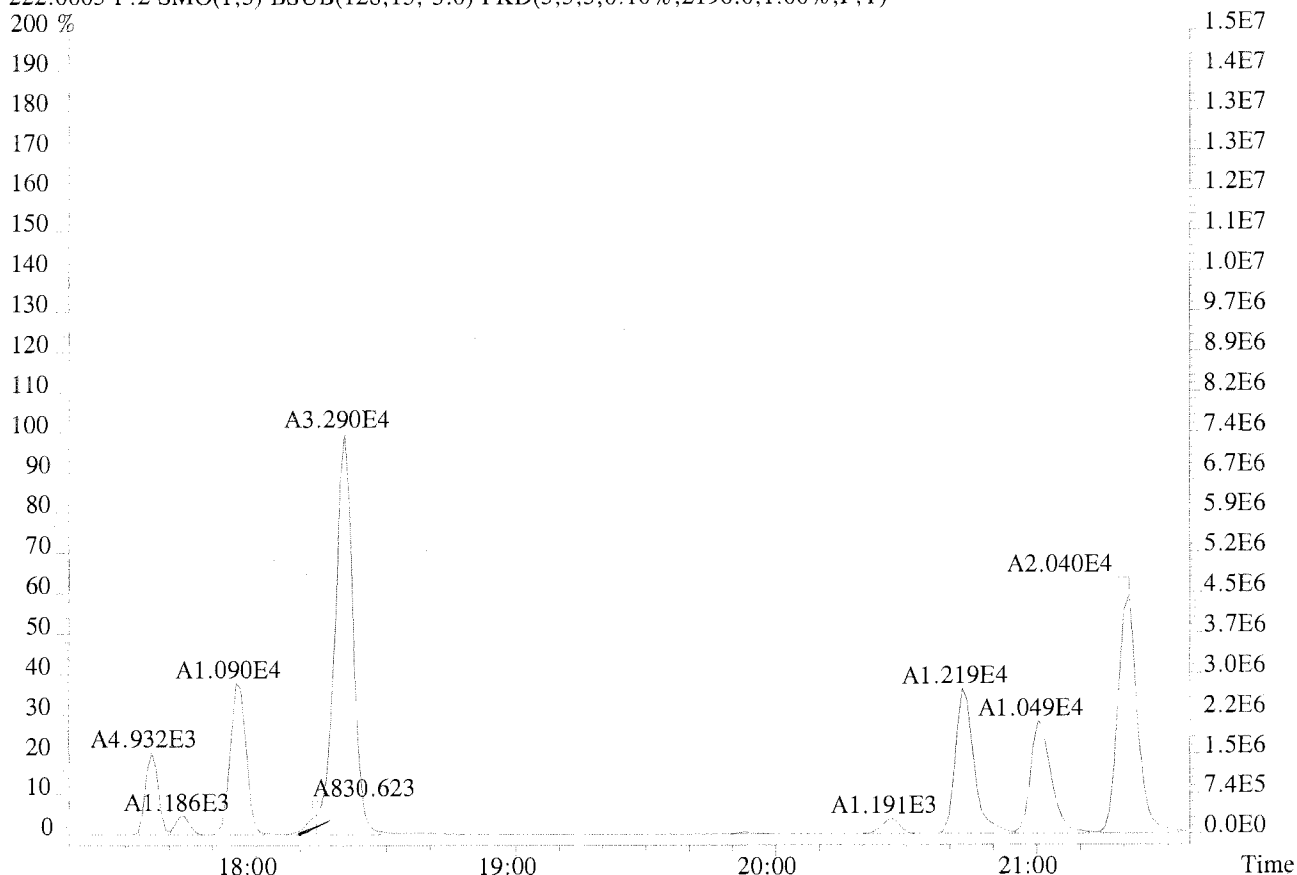
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3868.0,1.00%,F,T)



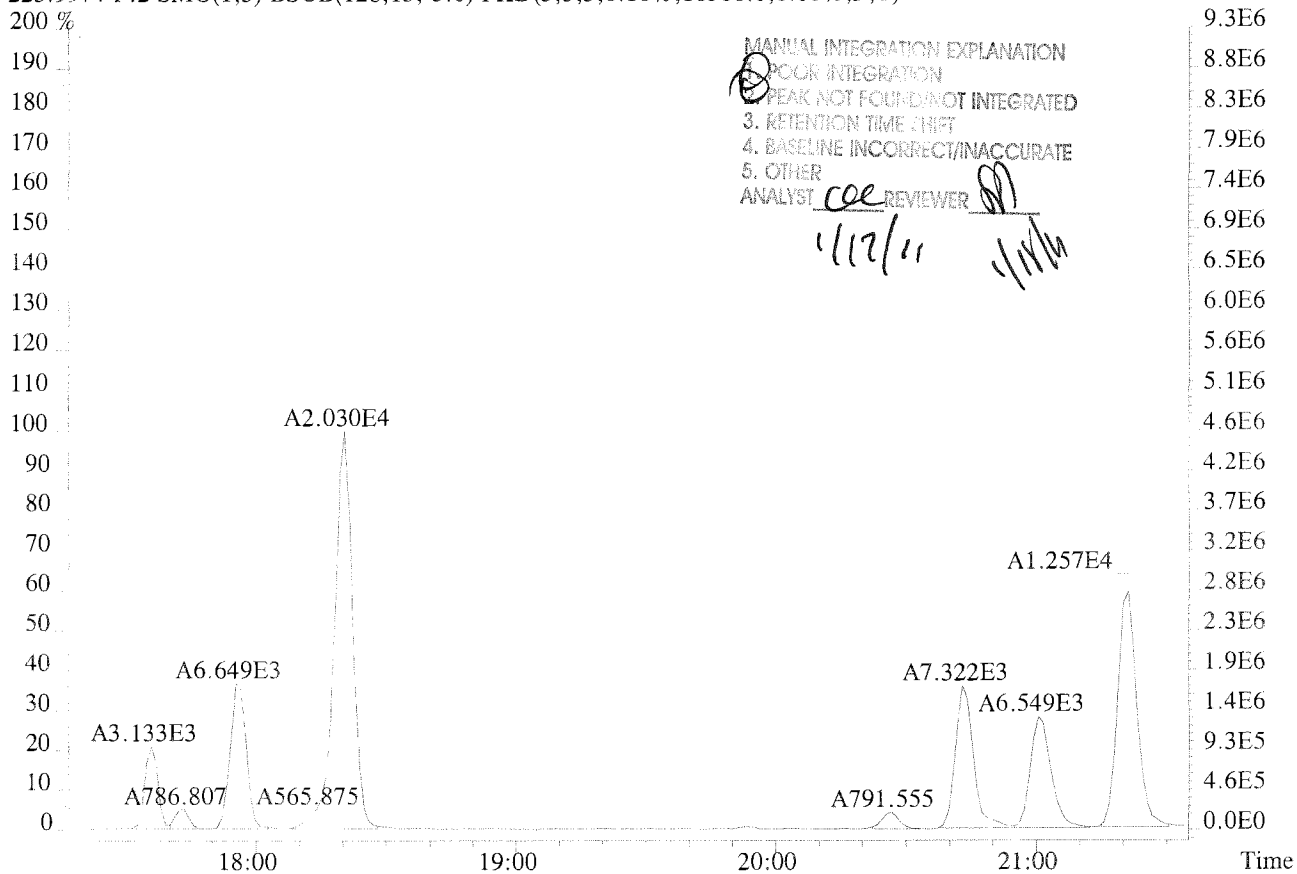
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

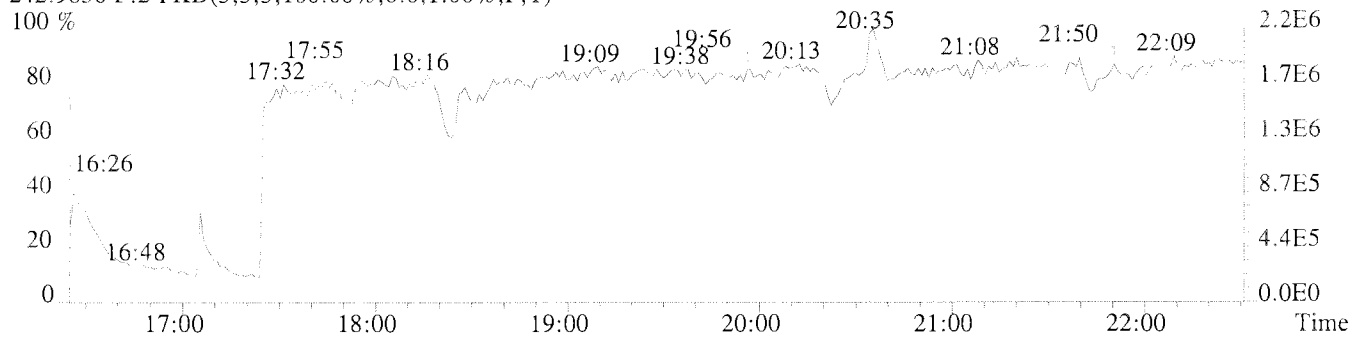
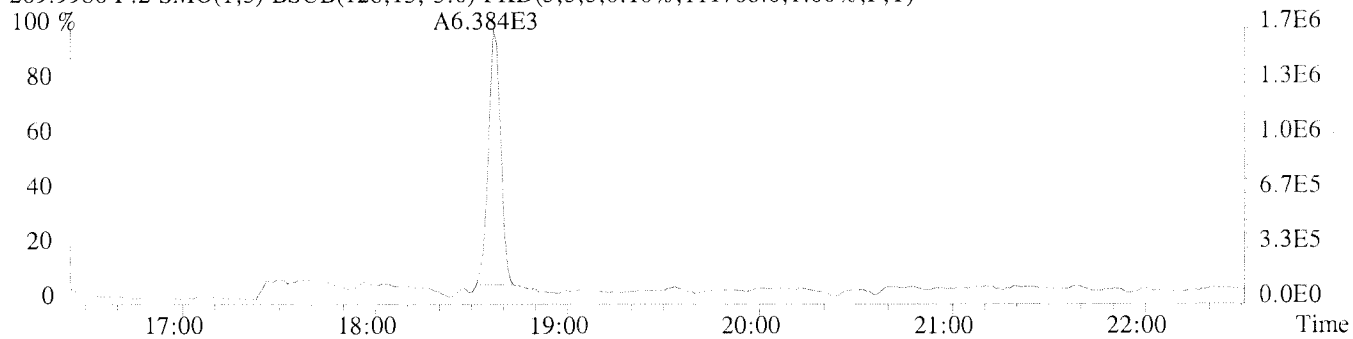
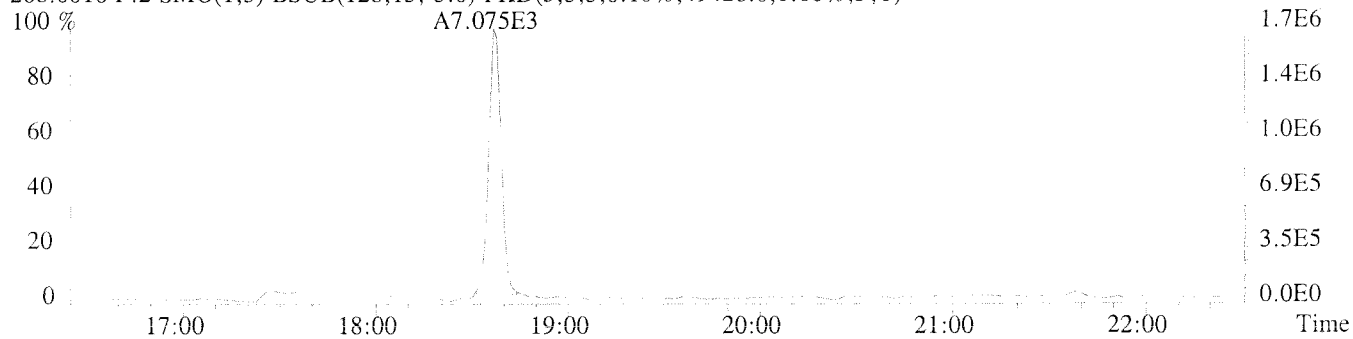
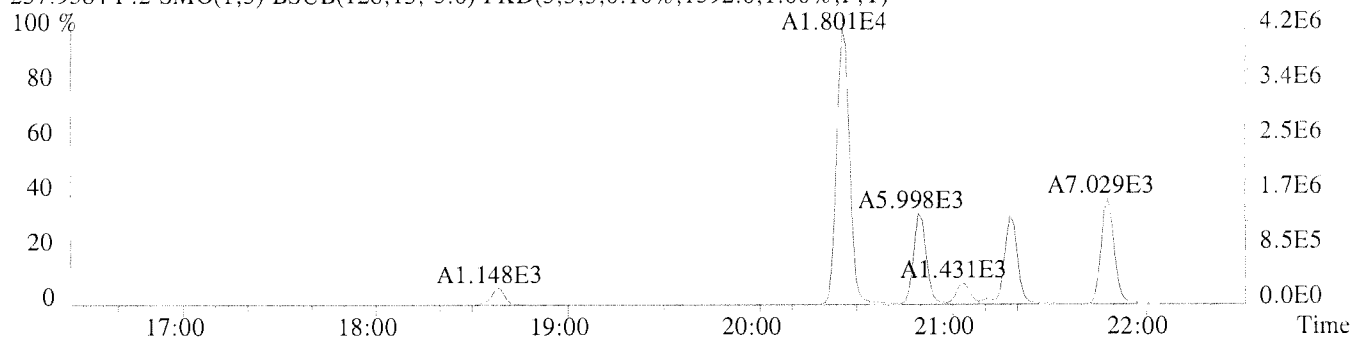
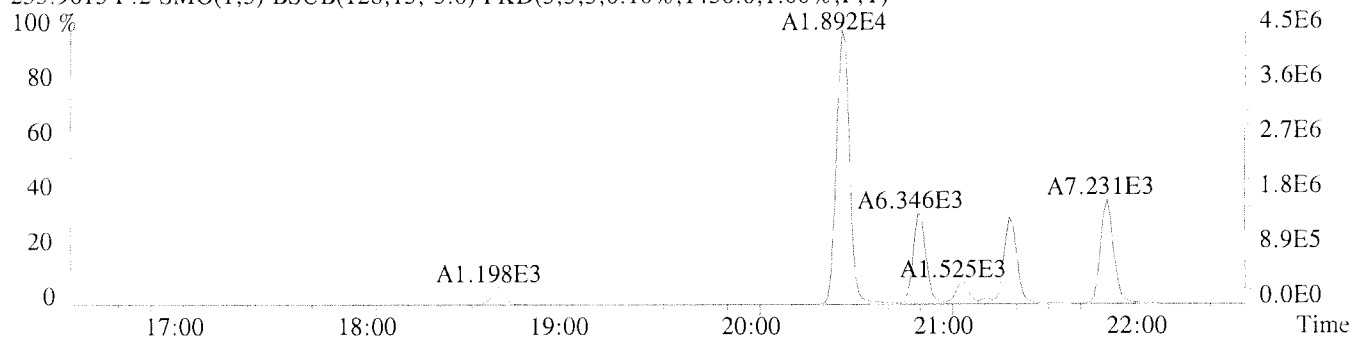


File:U224756 #1-337 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-007 USENN/S051
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2196.0,1.00%,F,T)
 200 %



223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16380.0,1.00%,F,T)

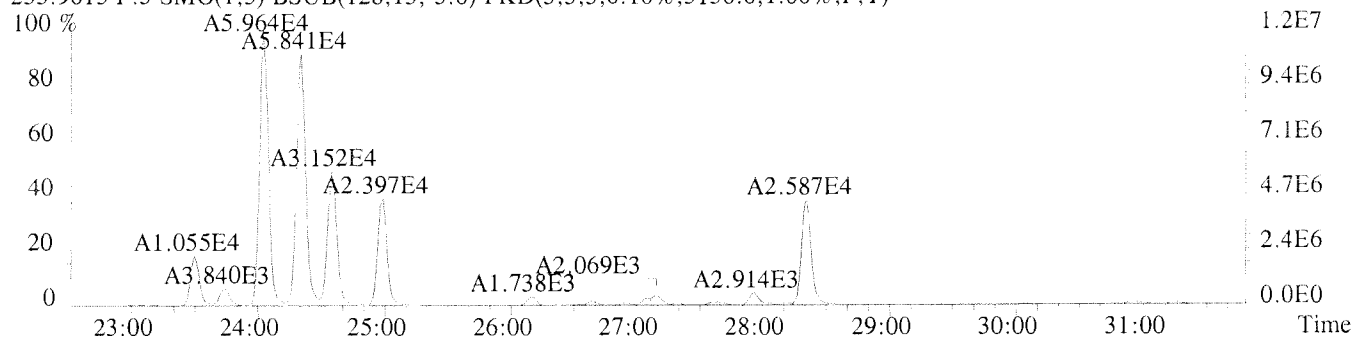




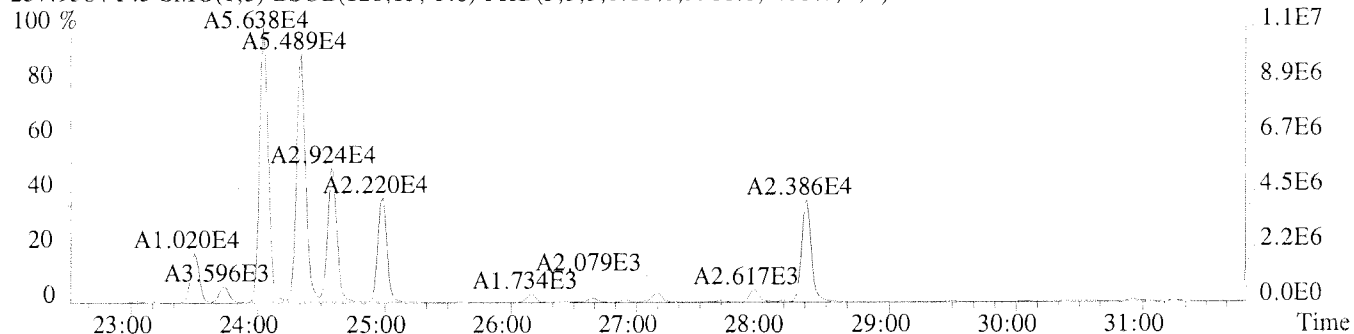
File:U224756 #1-594 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-007 USENN/S051

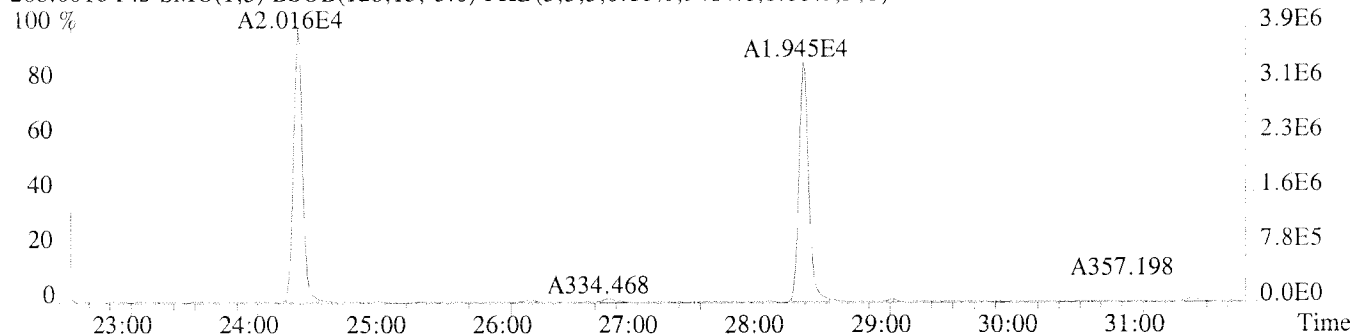
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3156.0,1.00%,F,T)



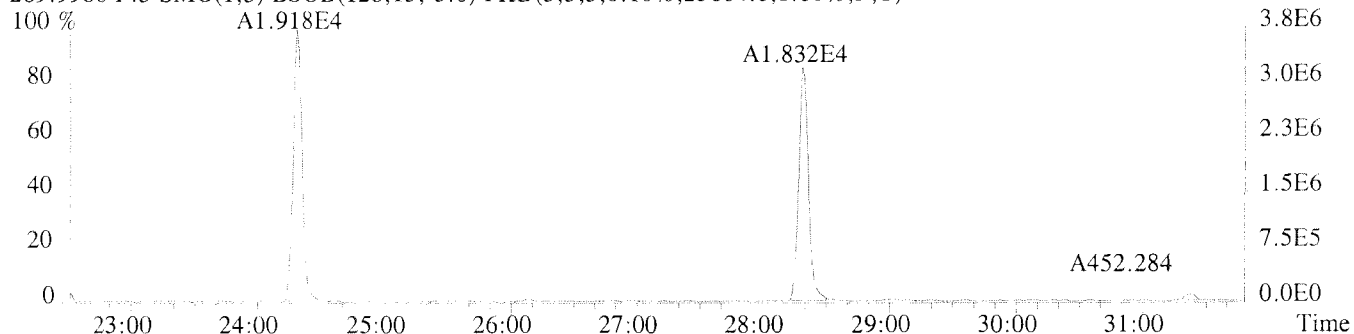
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9988.0,1.00%,F,T)



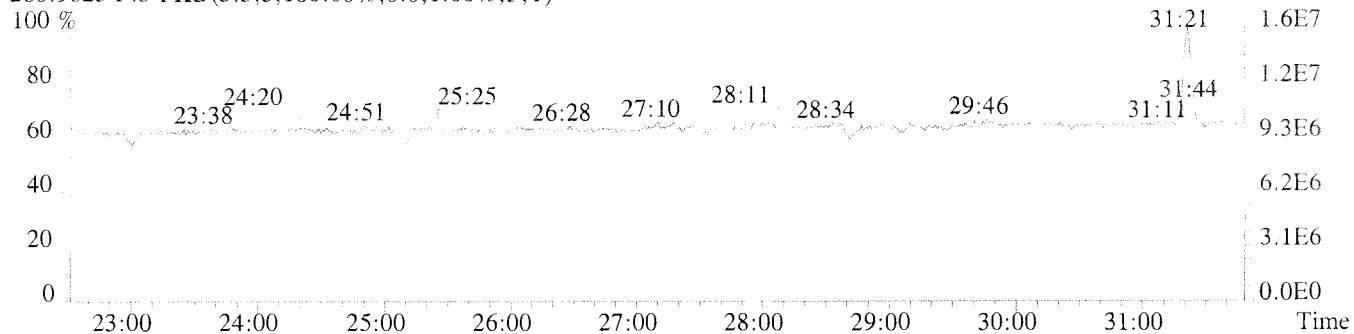
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9484.0,1.00%,F,T)



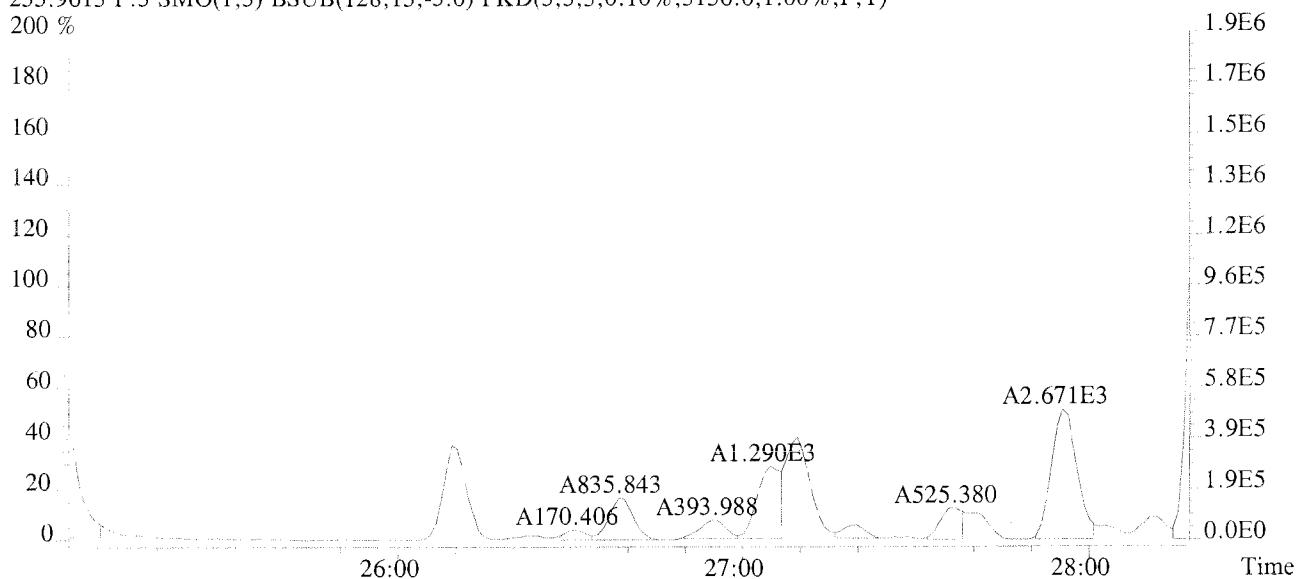
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,25864.0,1.00%,F,T)



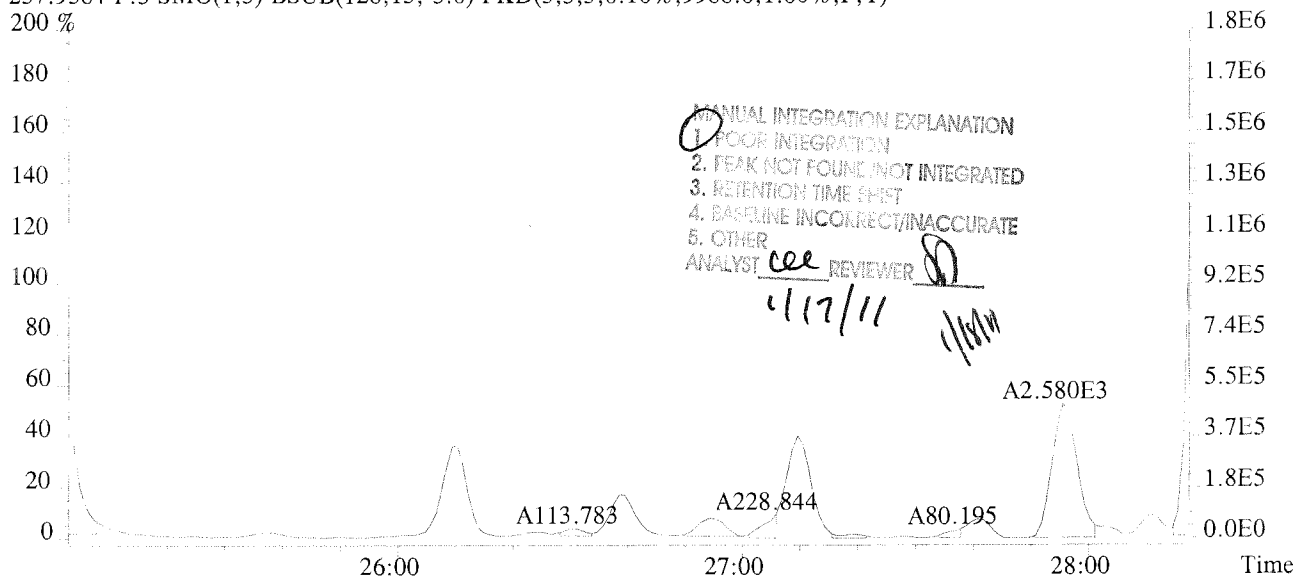
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



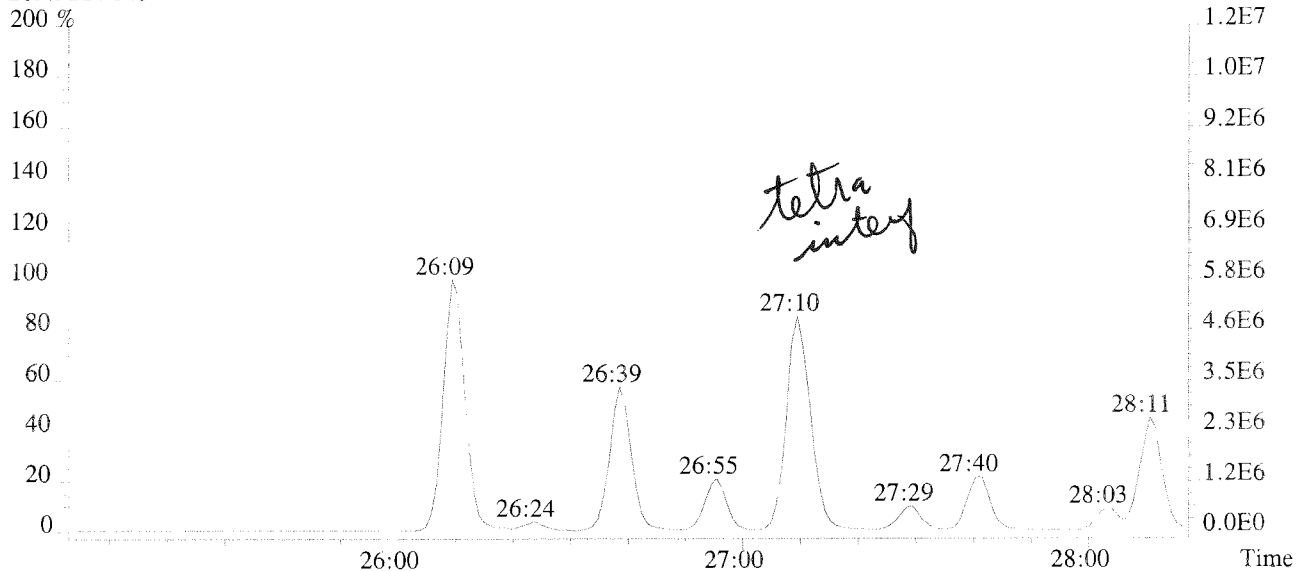
File:U224756 #1-594 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass sE
 Sample#1 Exp:K1013433-007 USENN/S051
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3156.0,1.00%,F,T)
 200 %



257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9988.0,1.00%,F,T)
 200 %



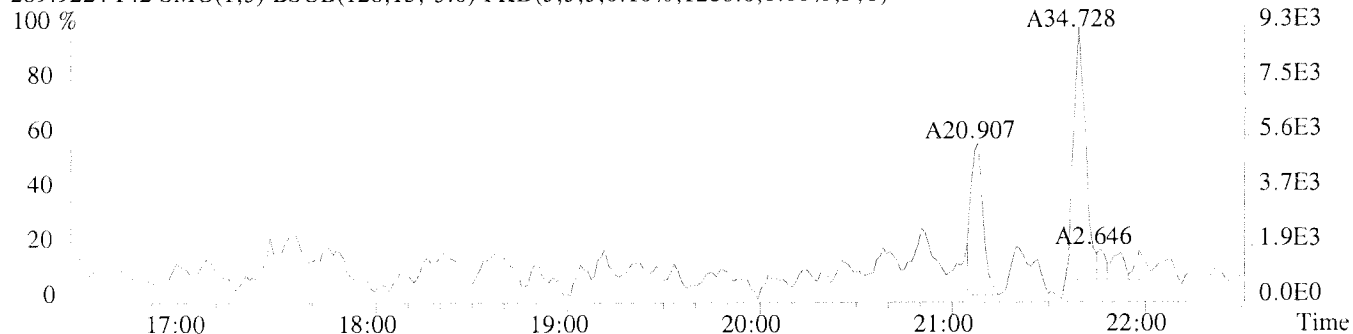
289.9224 F:3



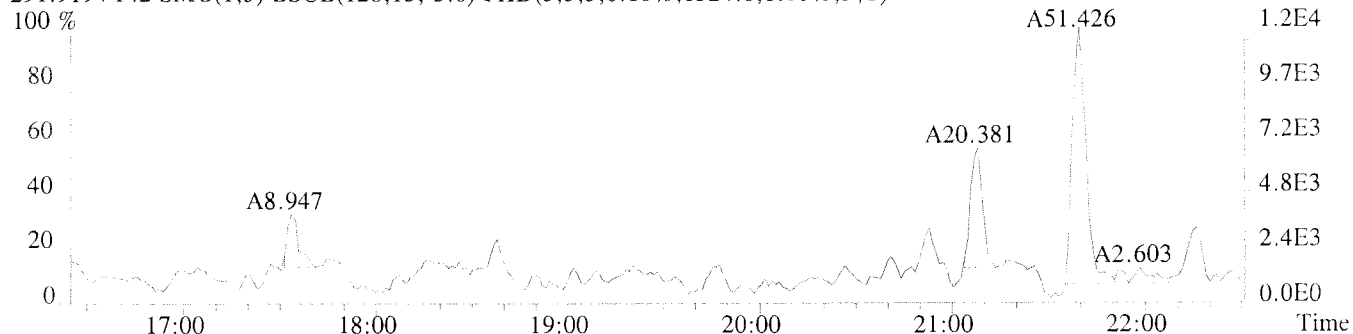
File:U224756 #1-337 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-007 USENN/S051

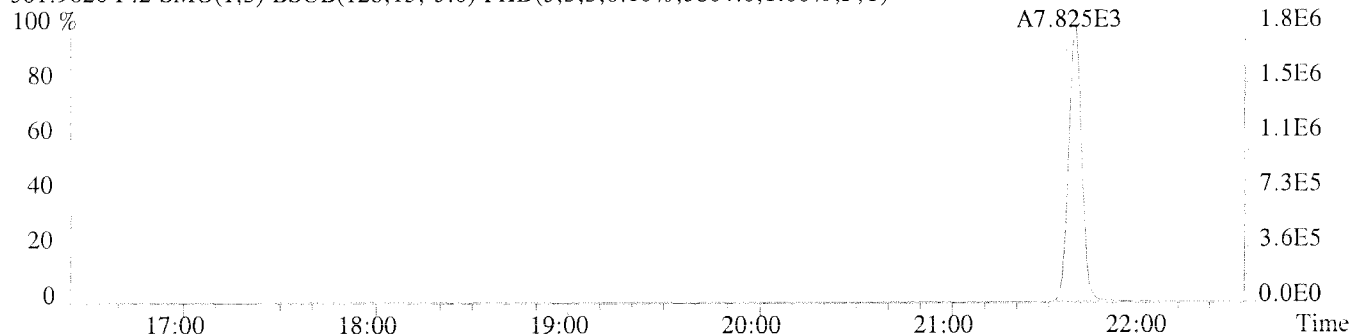
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,T)



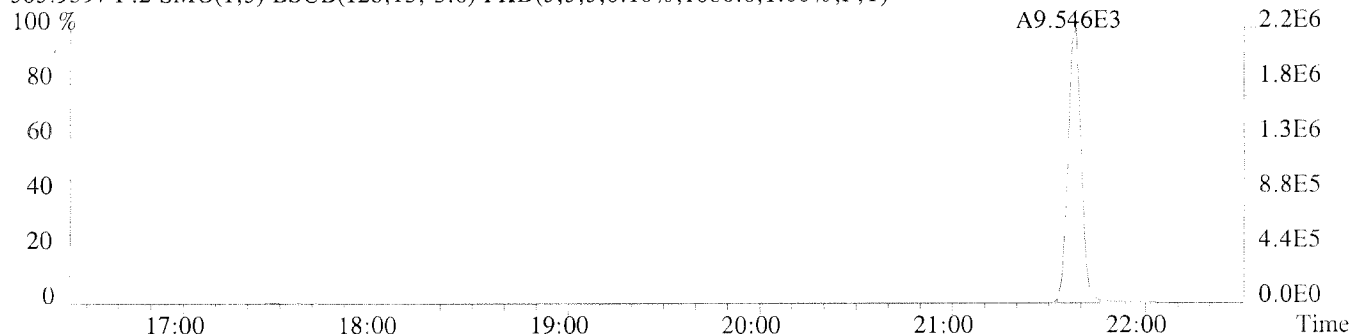
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1524.0,1.00%,F,T)



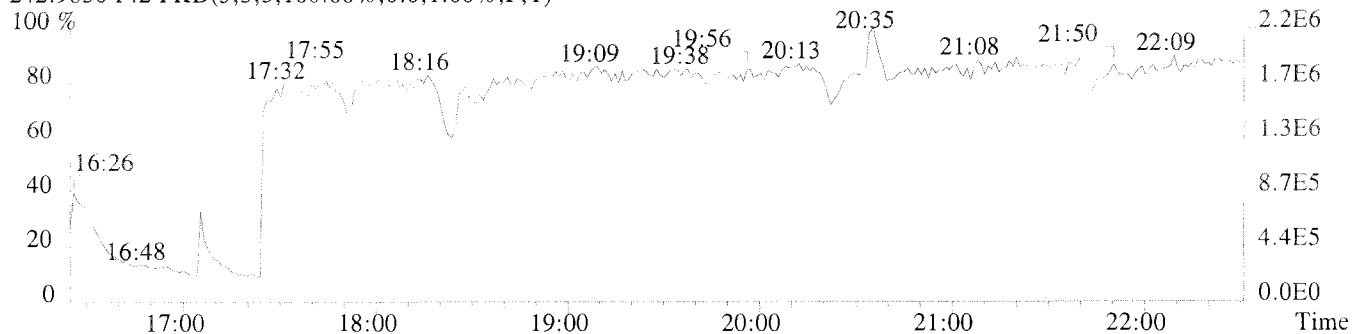
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3804.0,1.00%,F,T)



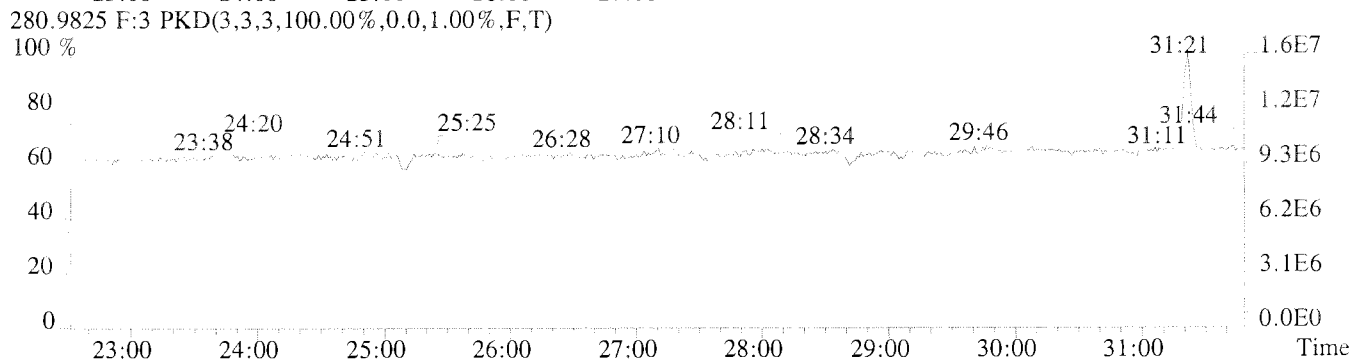
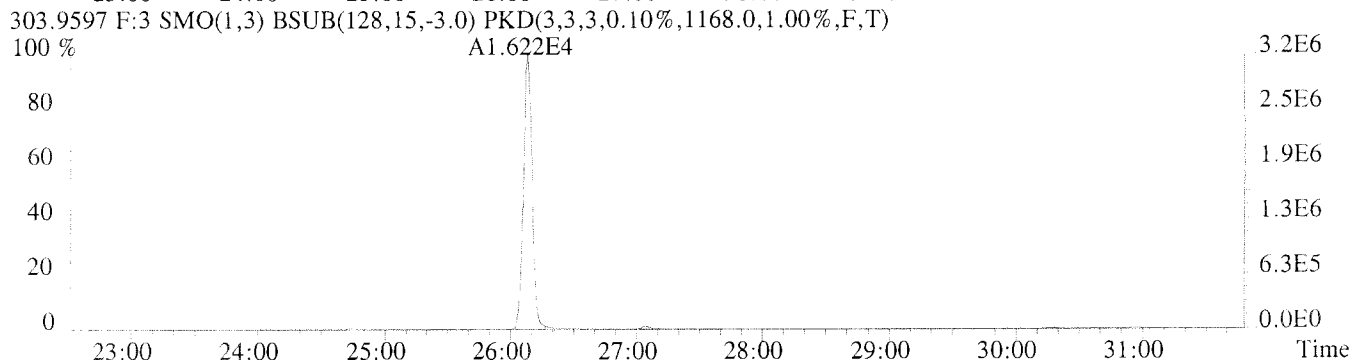
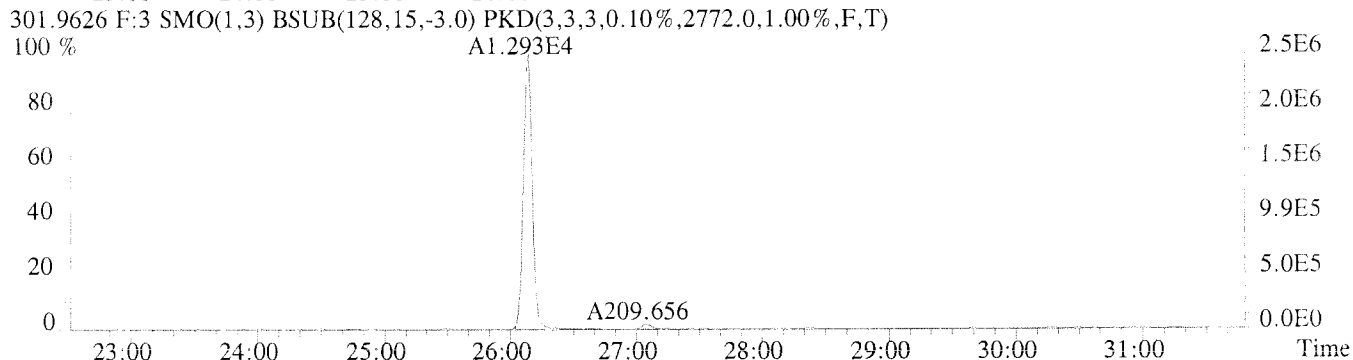
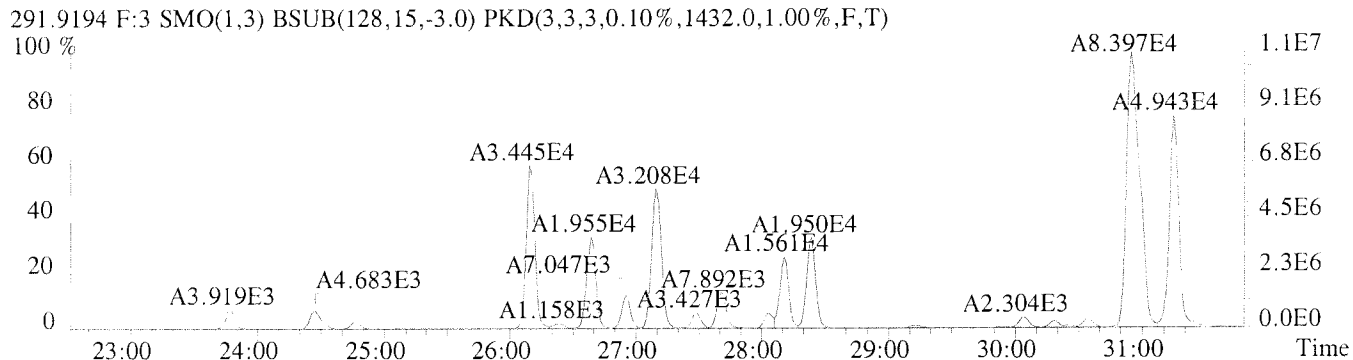
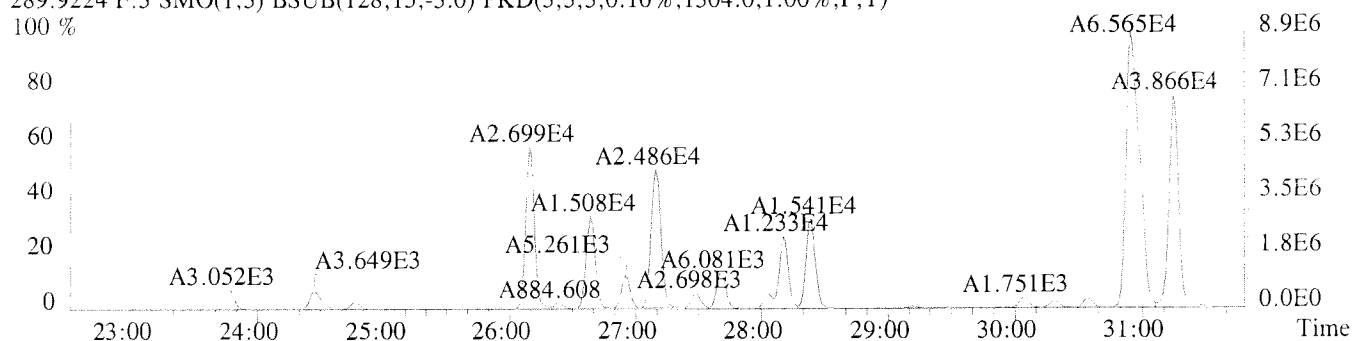
303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1080.0,1.00%,F,T)



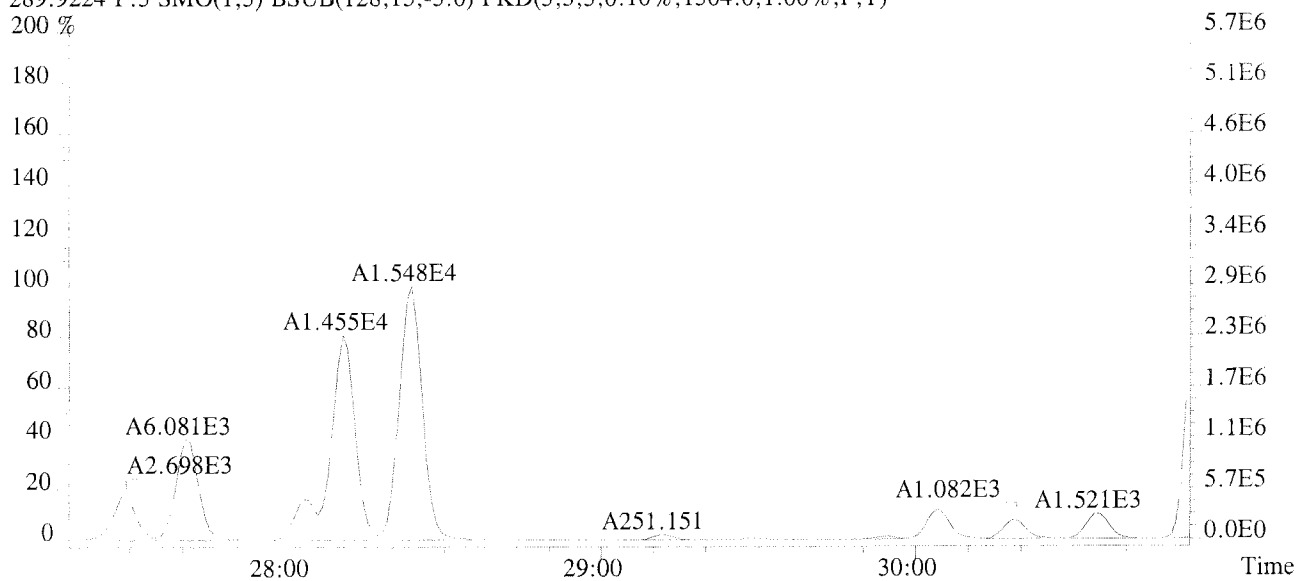
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



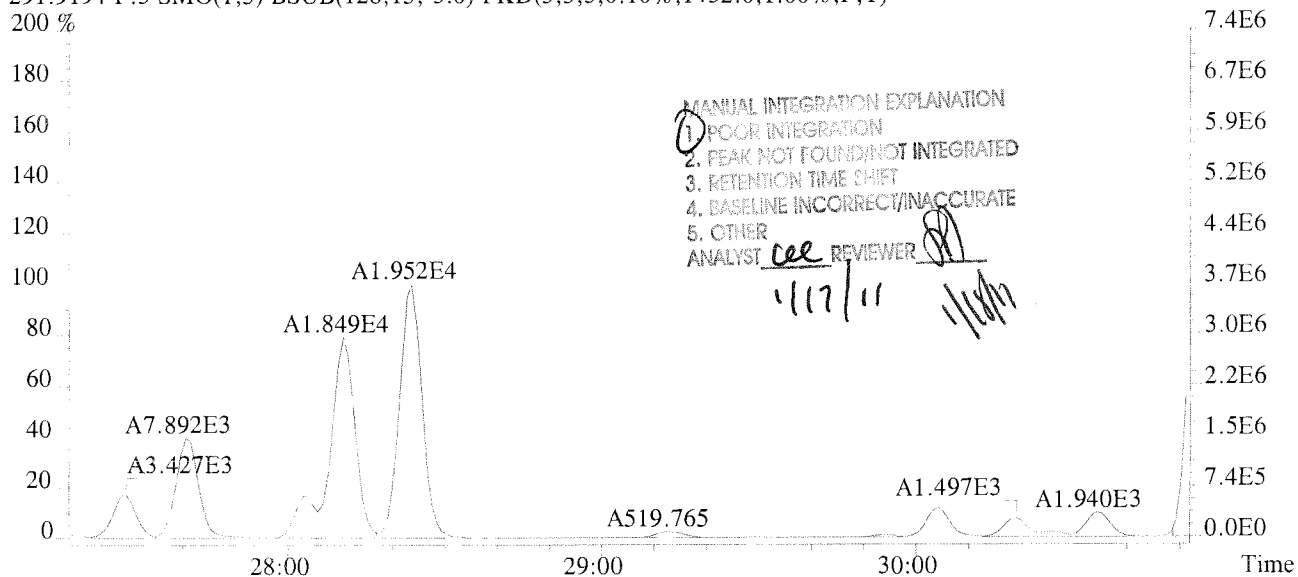
File:U224756 #1-594 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-007 USENN/S051
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1304.0,1.00%,F,T)
 100 %



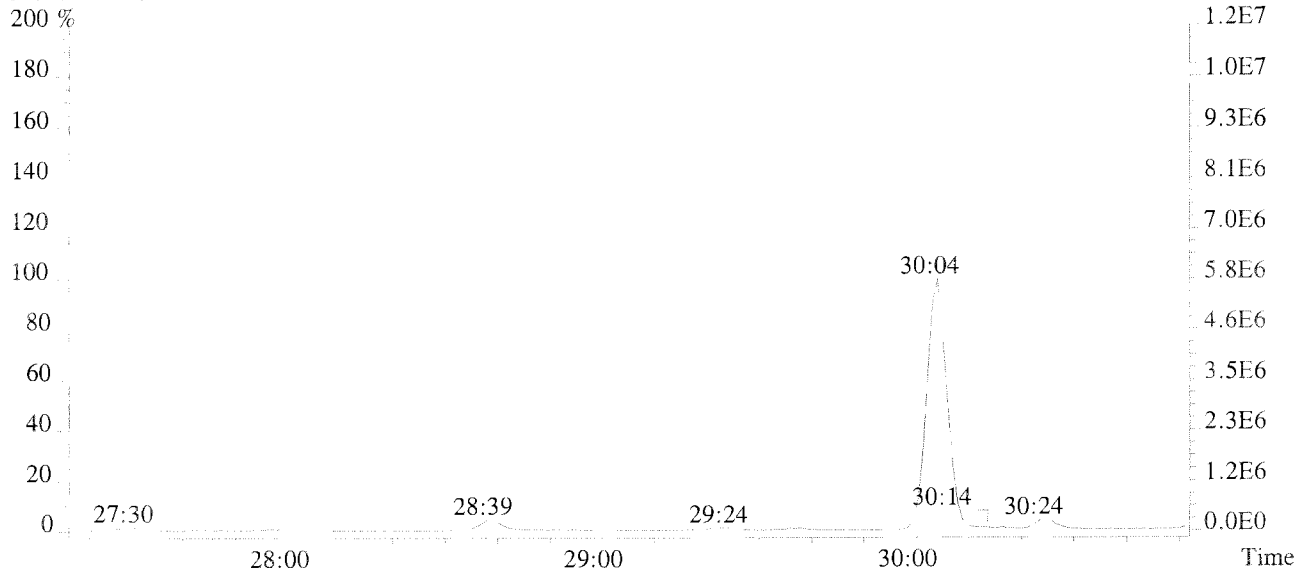
File:U224756 #1-594 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-007 USENN/S051
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1304.0,1.00%,F,T)
 200 %



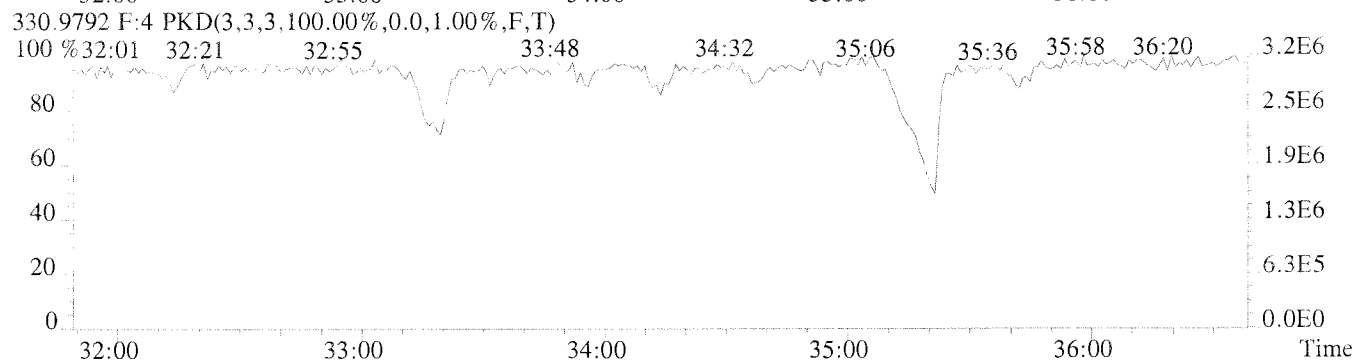
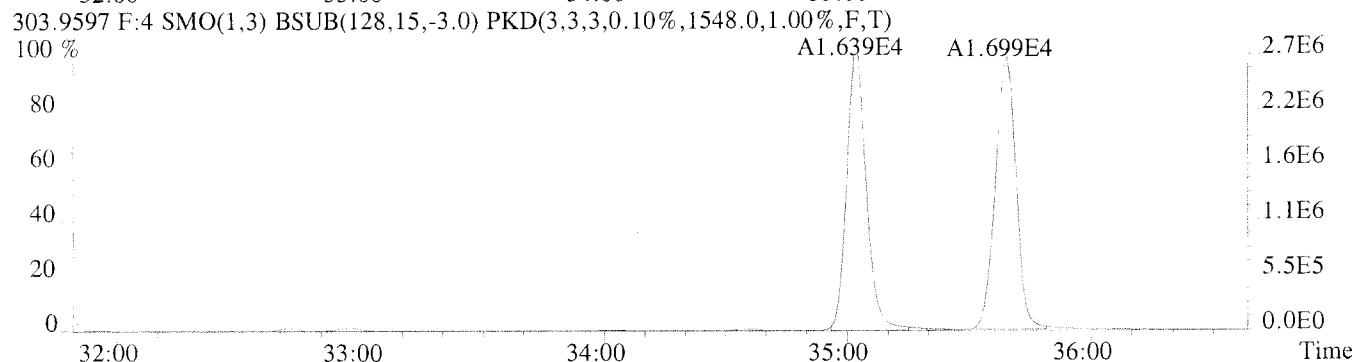
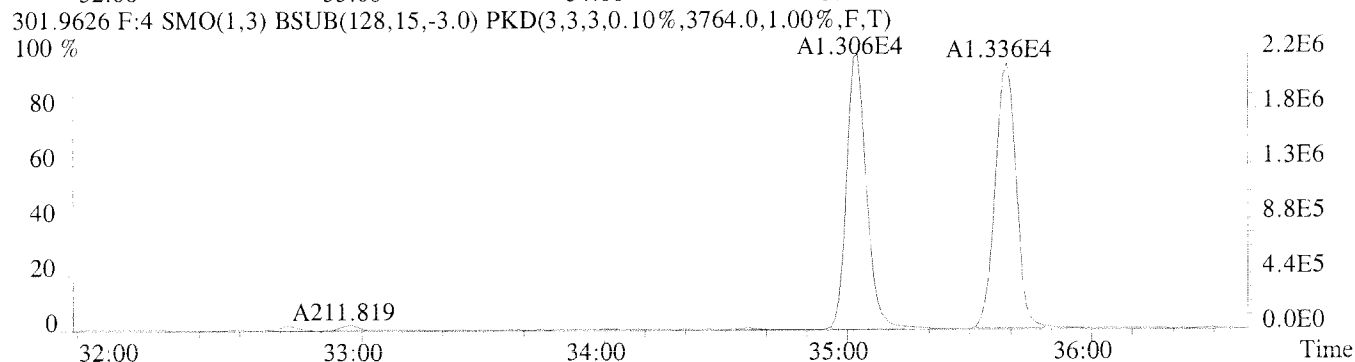
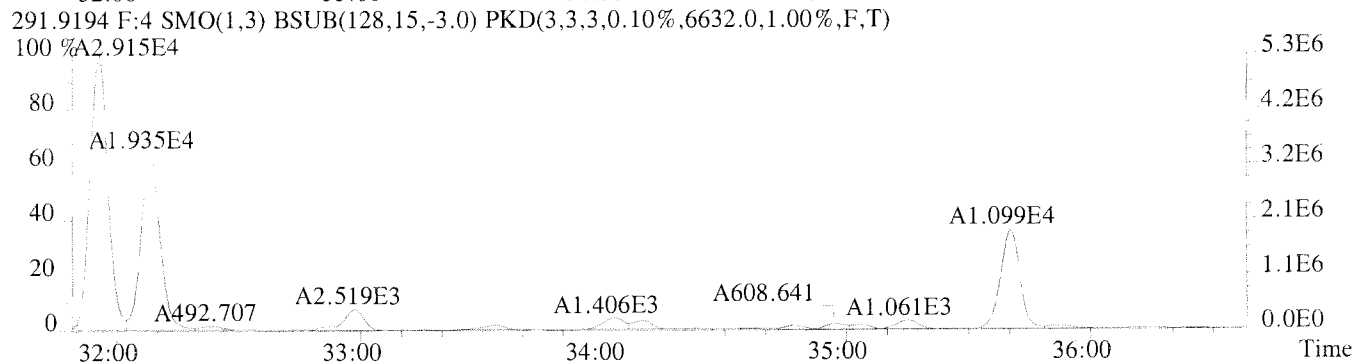
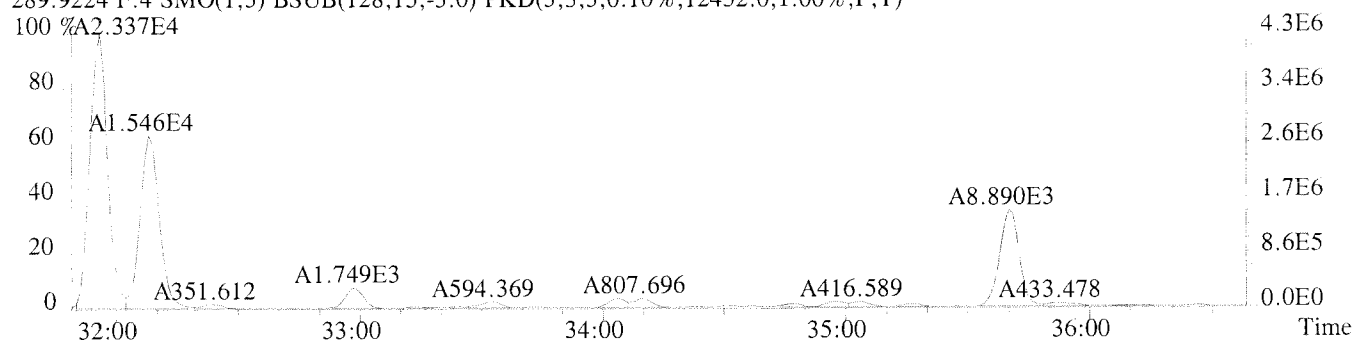
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1432.0,1.00%,F,T)
 200 %



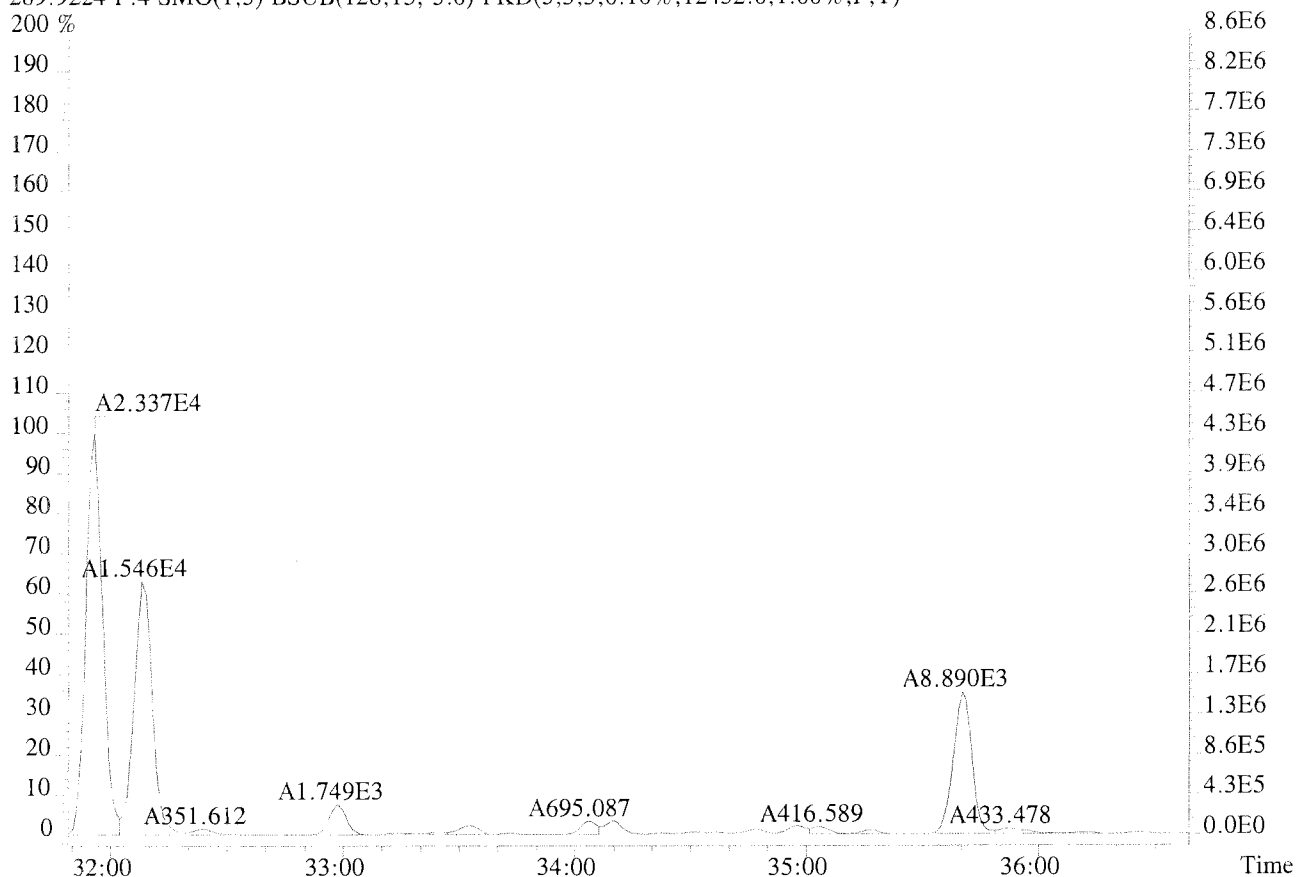
325.8804 F:3



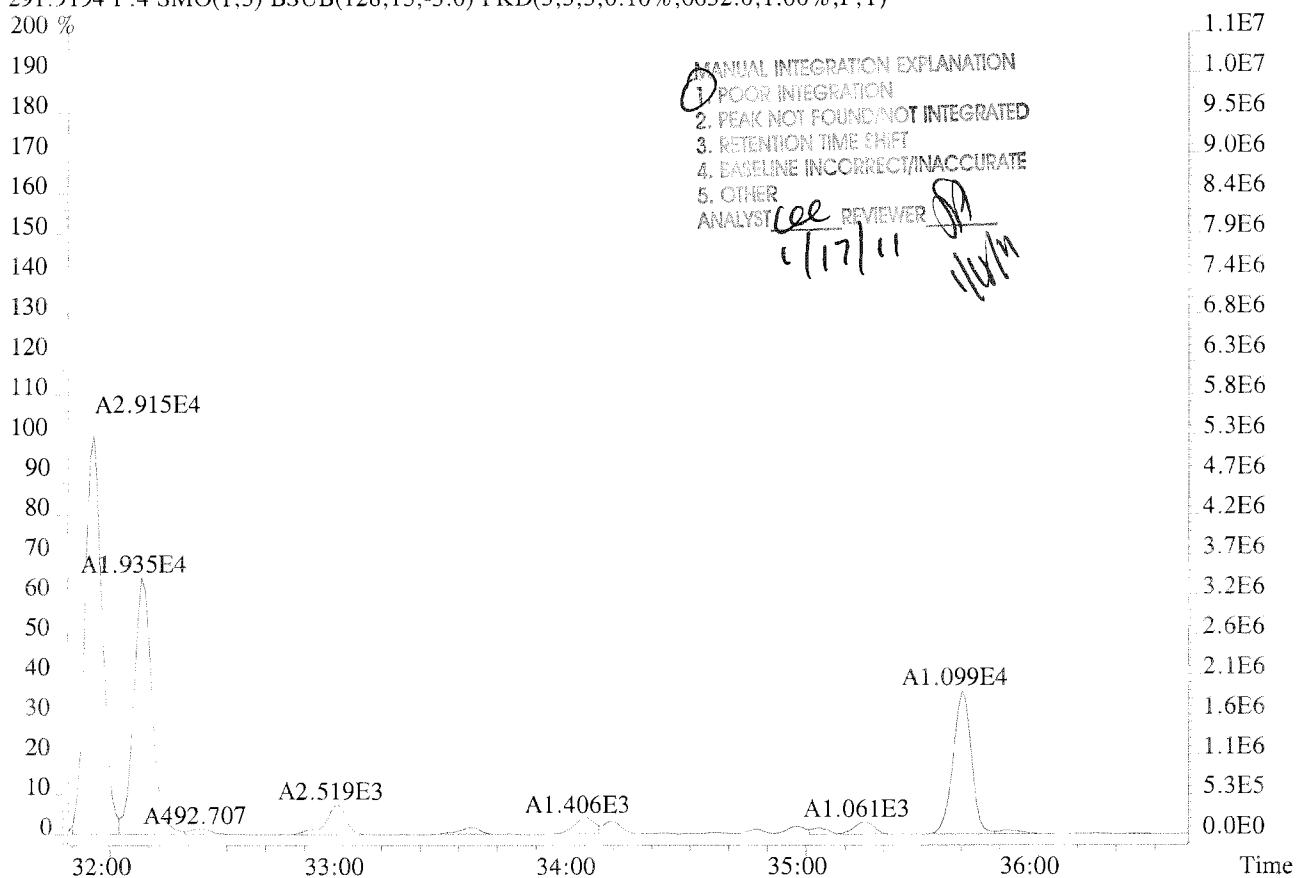
File:U224756 #1-309 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-007 USENN/S051
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12452.0,1.00%,F,T)
 100 %A2.337E4



File:U224756 #1-309 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-007 USENN/S051
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12452.0,1.00%,F,T)
 200 %

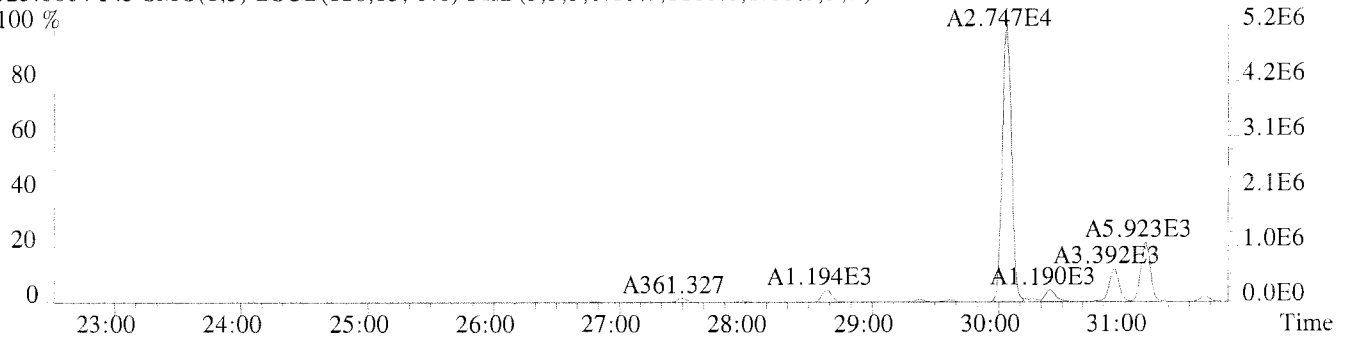


291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6632.0,1.00%,F,T)
 200 %

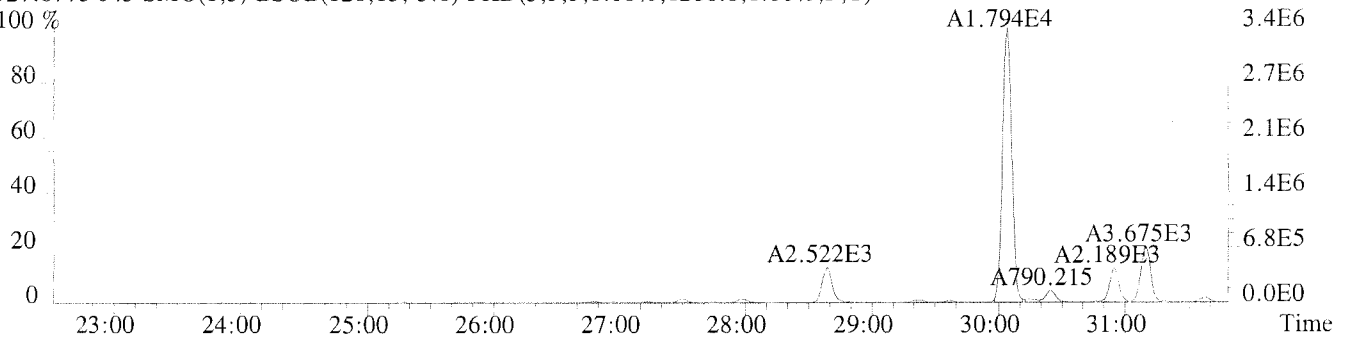


File:U224756 #1-594 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-007 USENN/S051

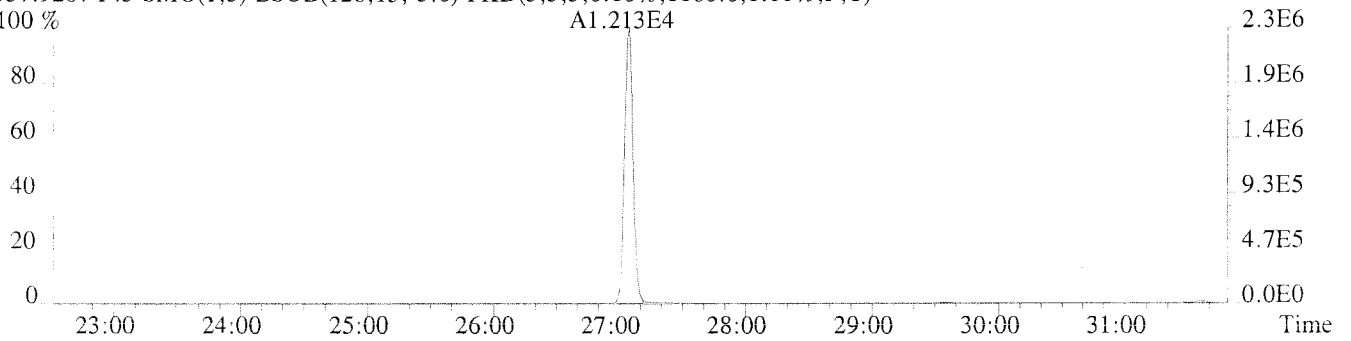
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1160.0,1.00%,F,T)
100 %



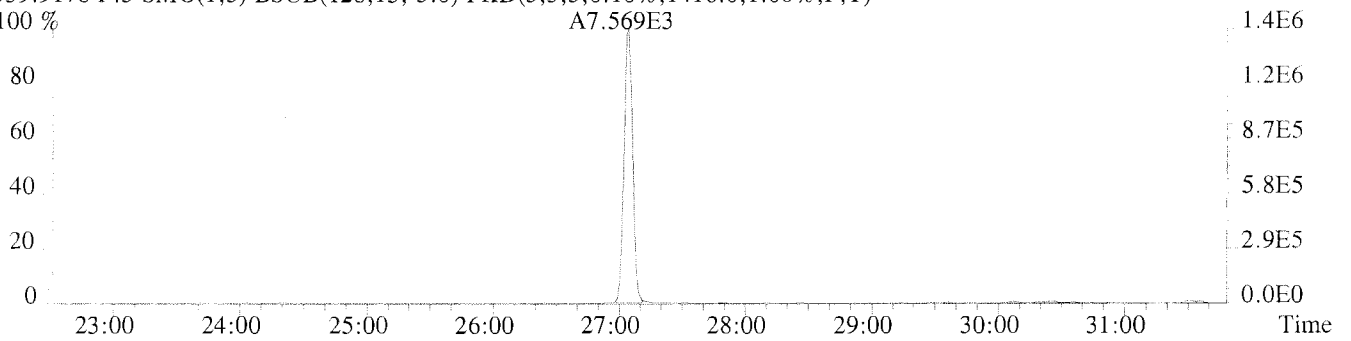
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1216.0,1.00%,F,T)
100 %



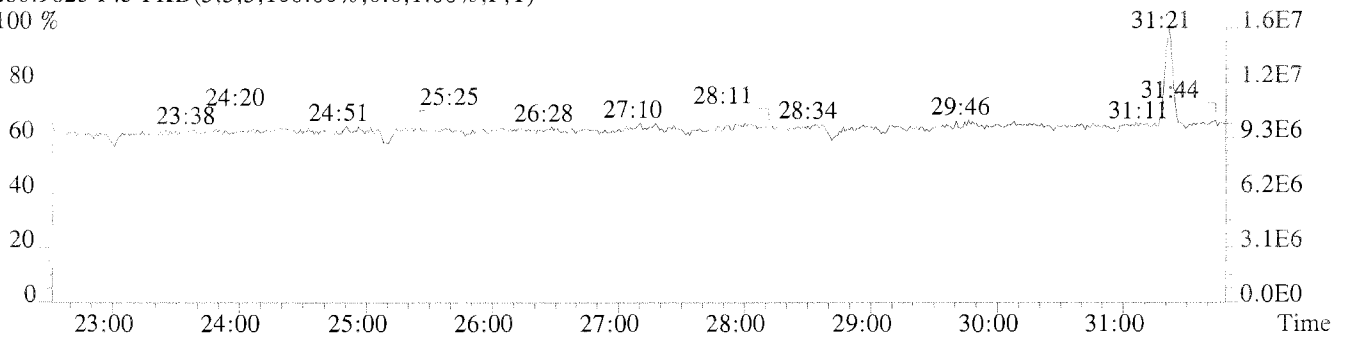
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1160.0,1.00%,F,T)
100 %



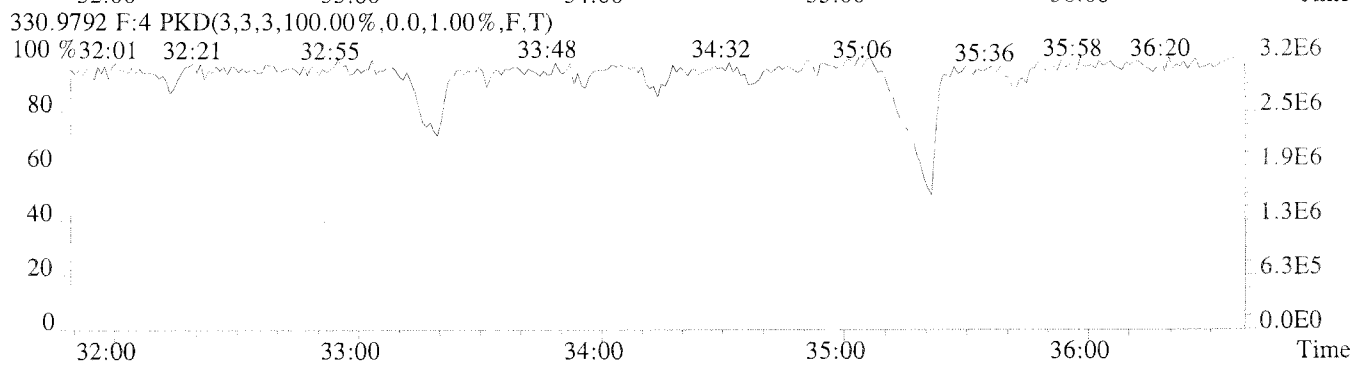
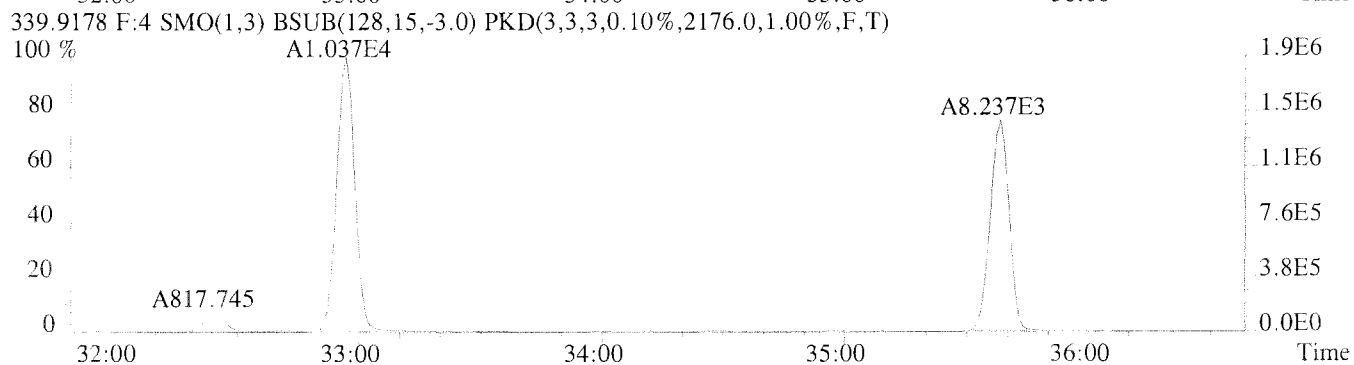
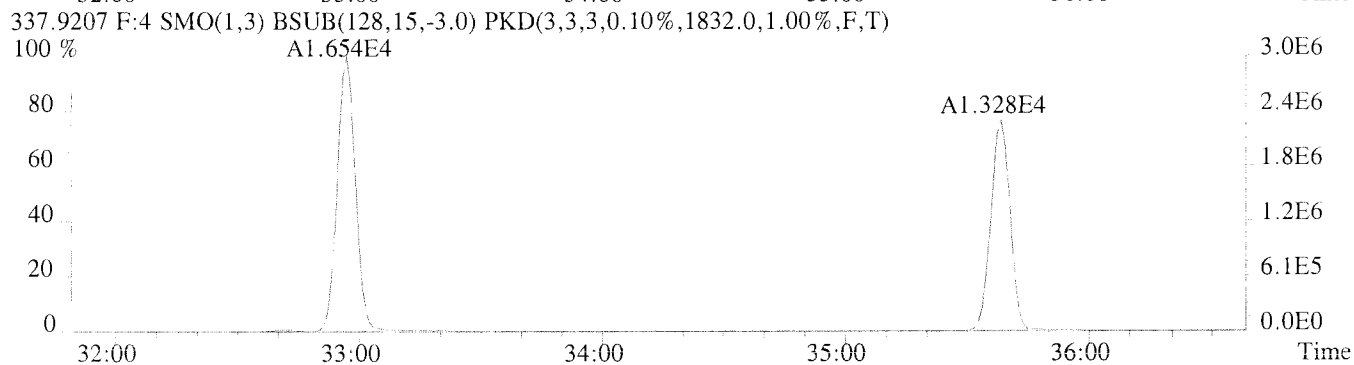
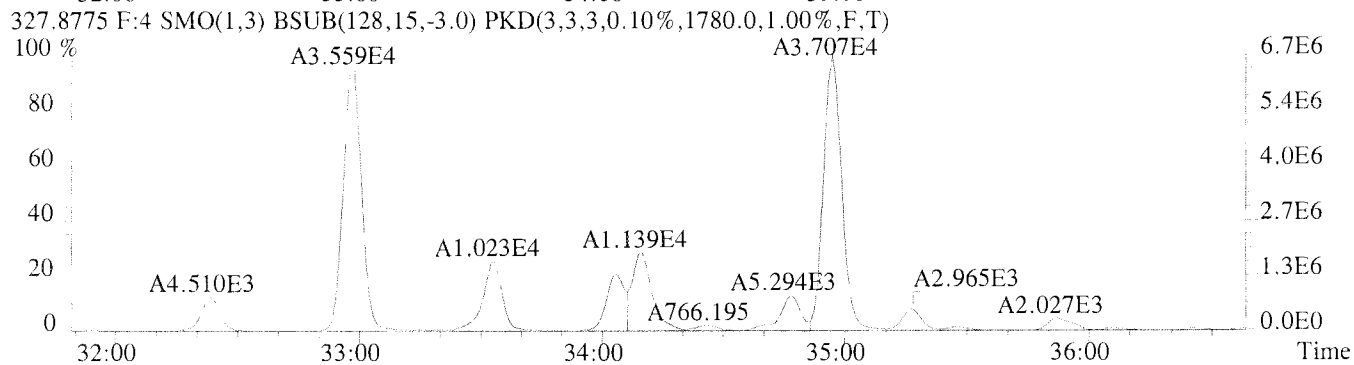
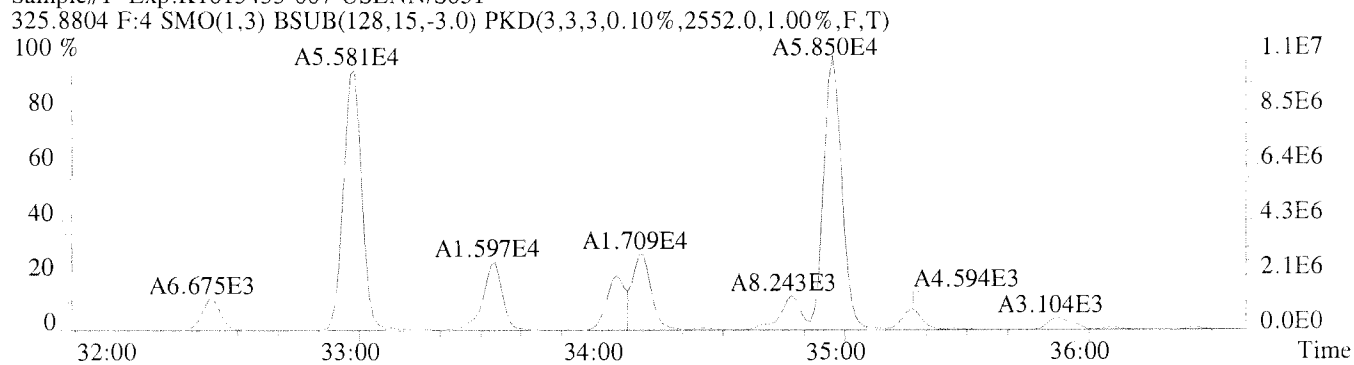
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1416.0,1.00%,F,T)
100 %



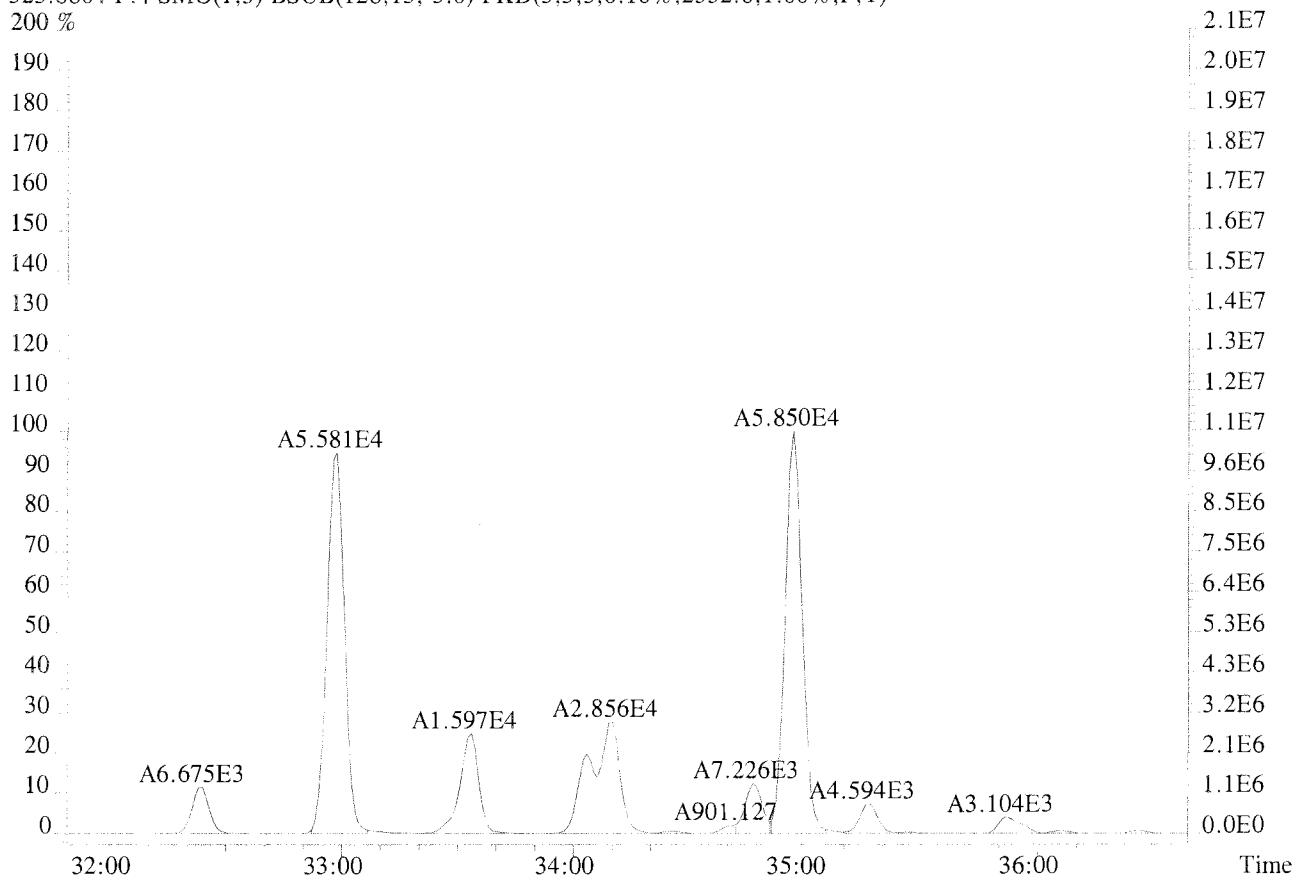
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)
100 %



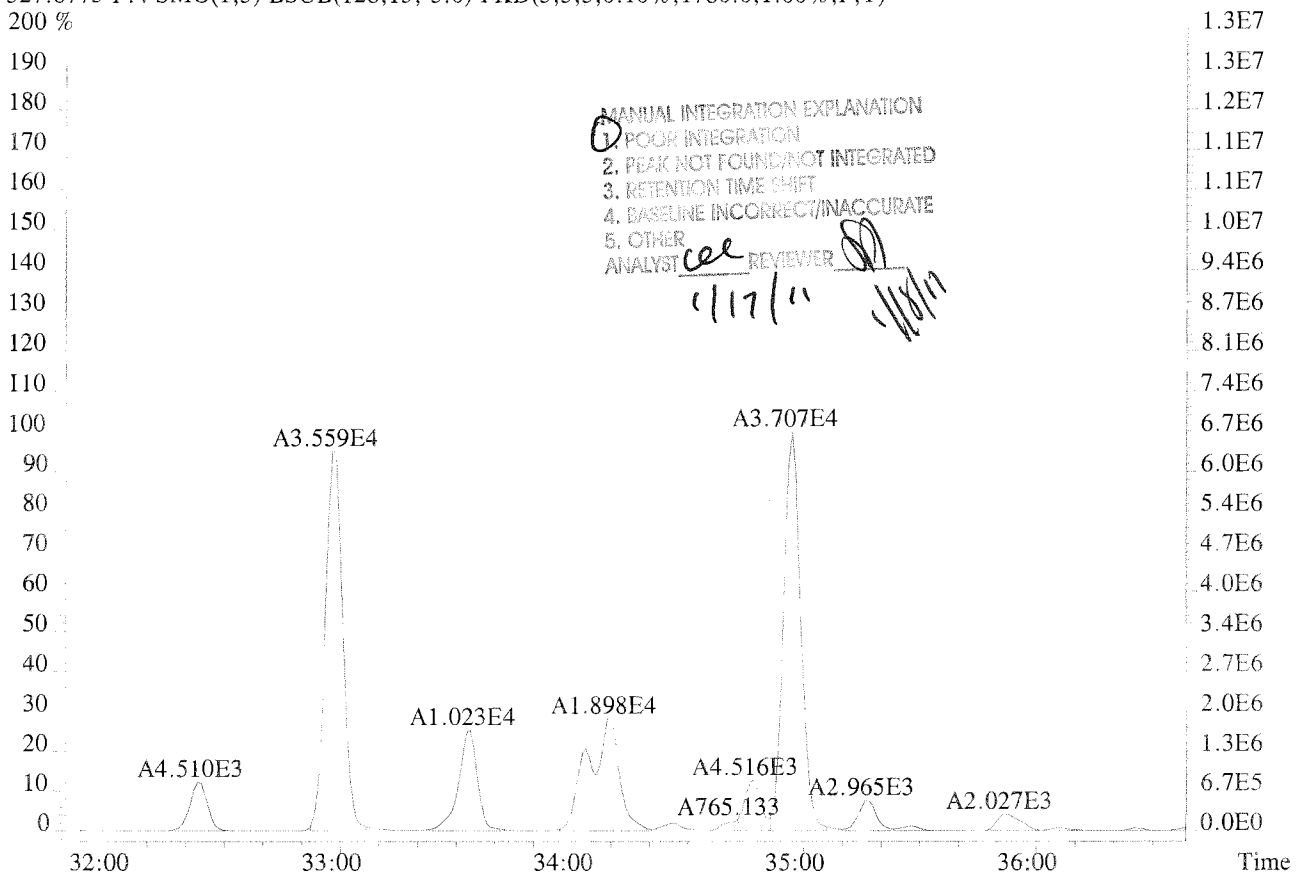
File:U224756 #1-309 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-007 USENN/S051



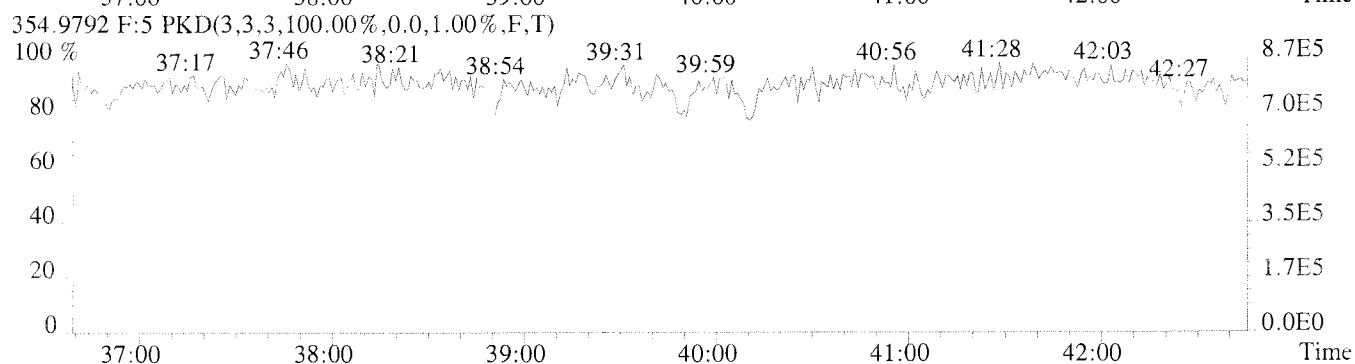
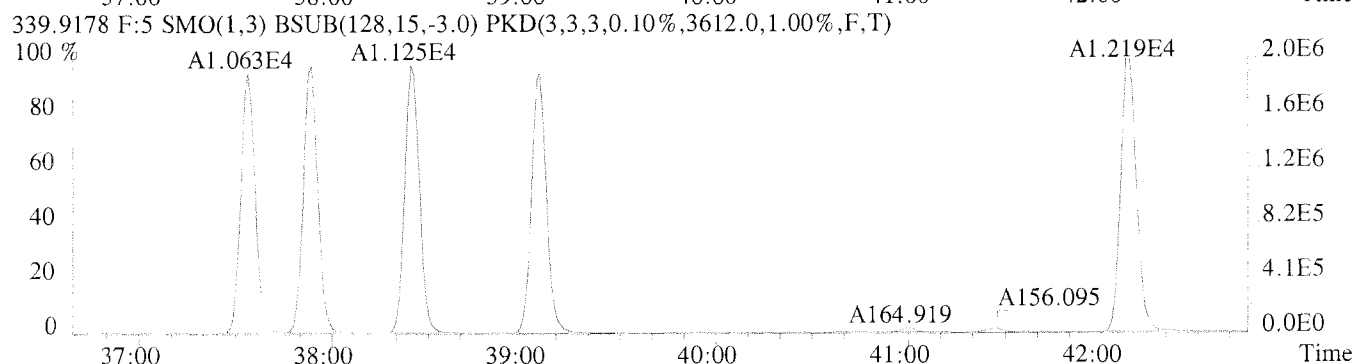
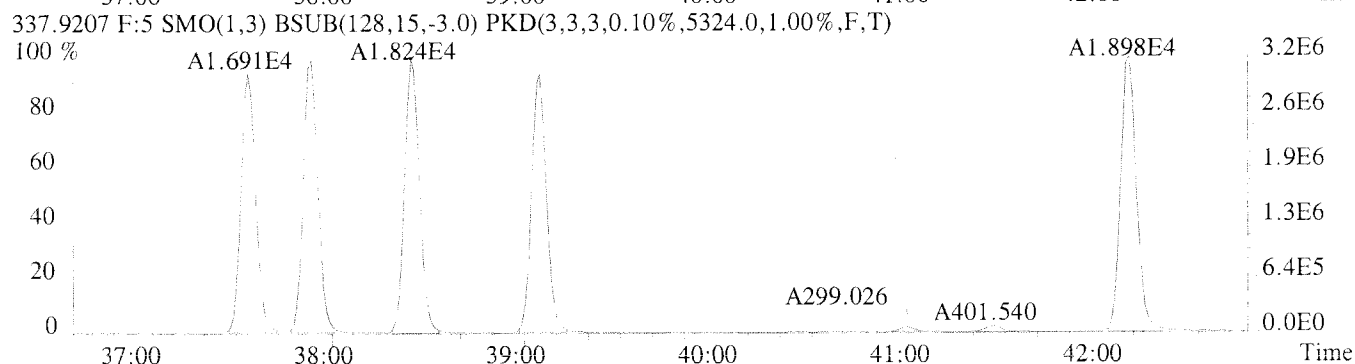
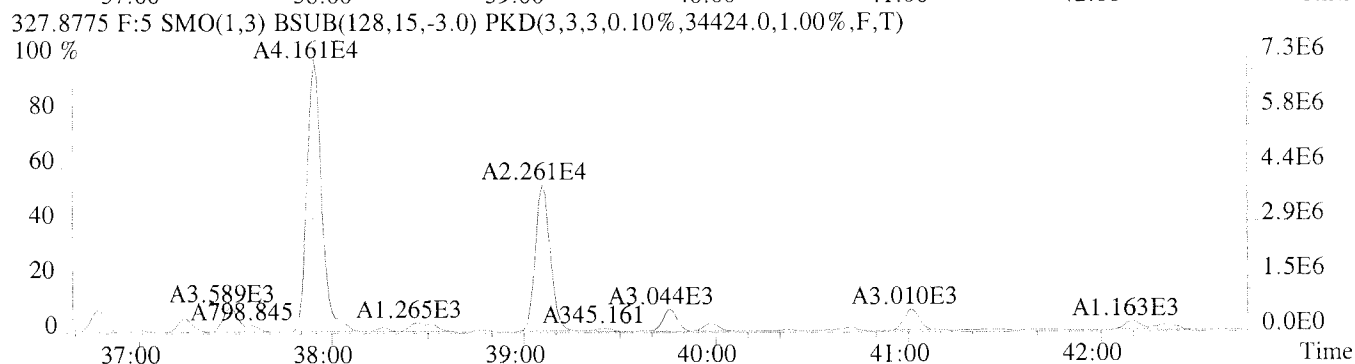
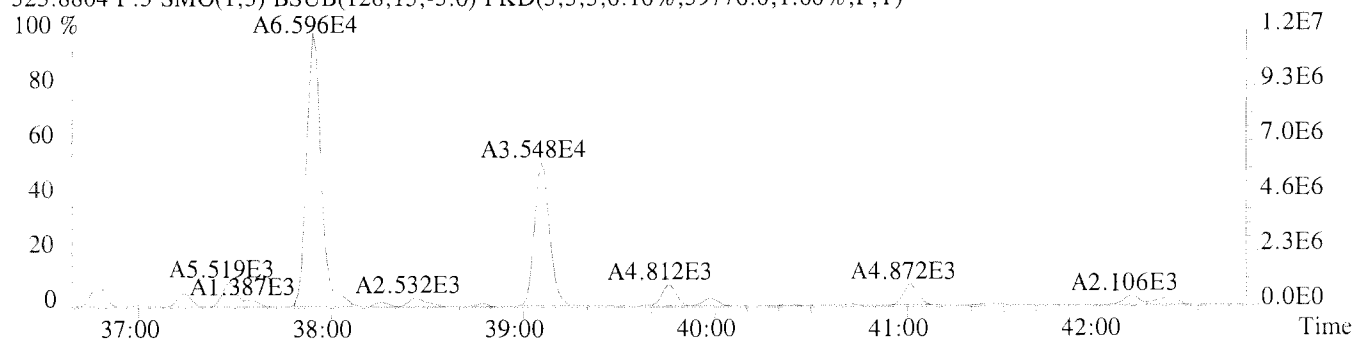
File:U224756 #1-309 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-007 USENN/S051
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2552.0,1.00%,F,T)
 200 %



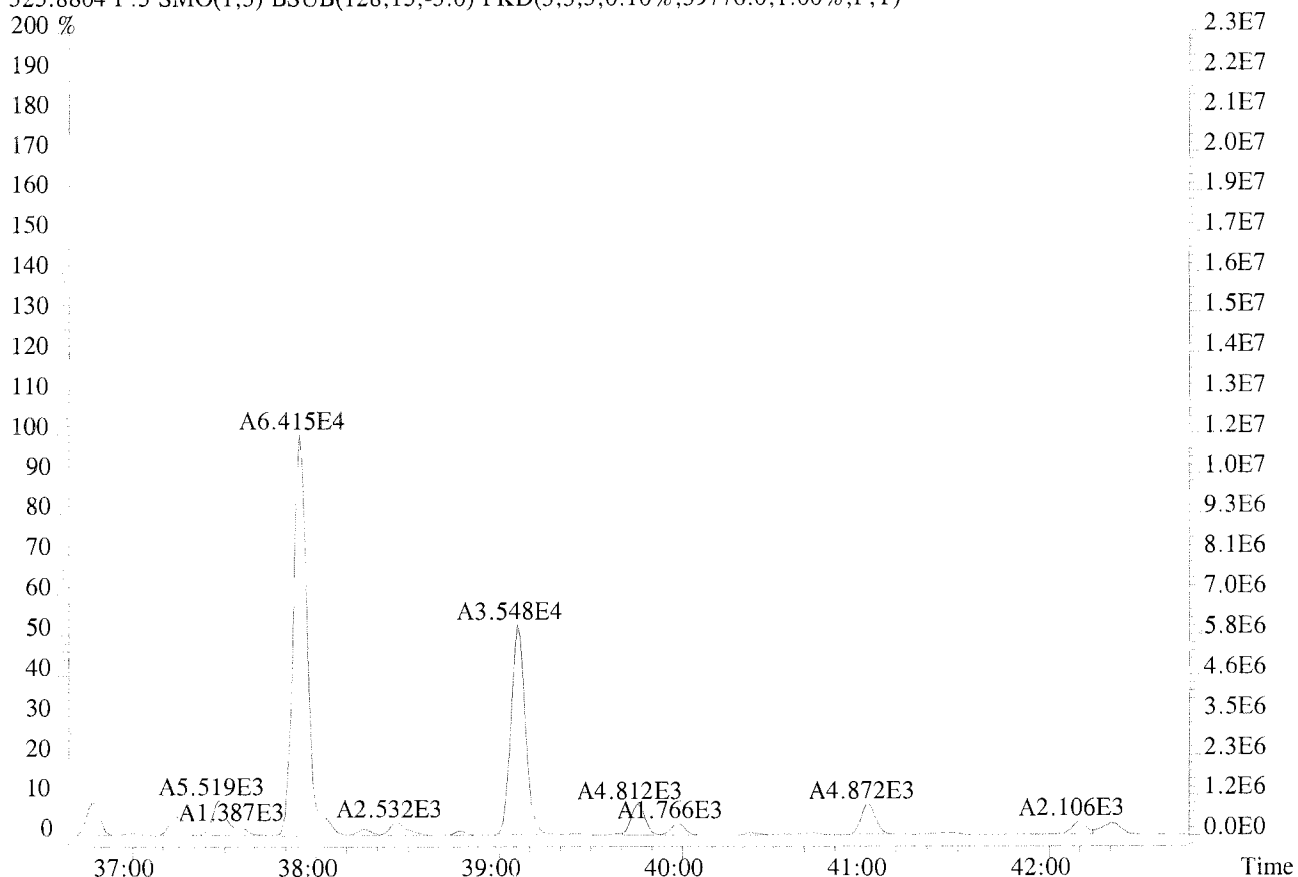
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1780.0,1.00%,F,T)
 200 %



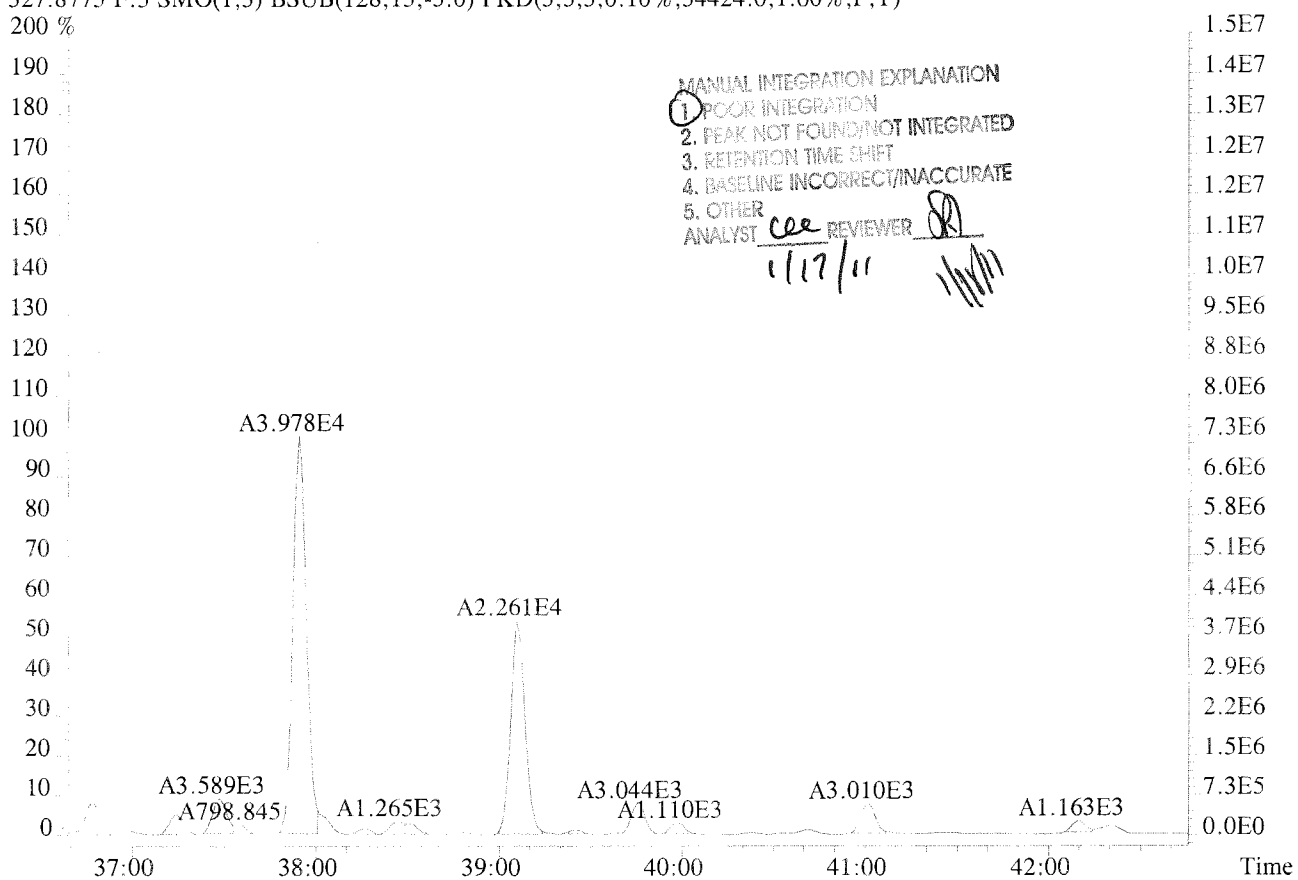
File:U224756 #1-391 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-007 USENN/S051
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,39776.0,1.00%,F,T)



File:U224756 #1-391 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-007 USENN/S051
 325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,39776.0,1.00%,F,T)
 200 %



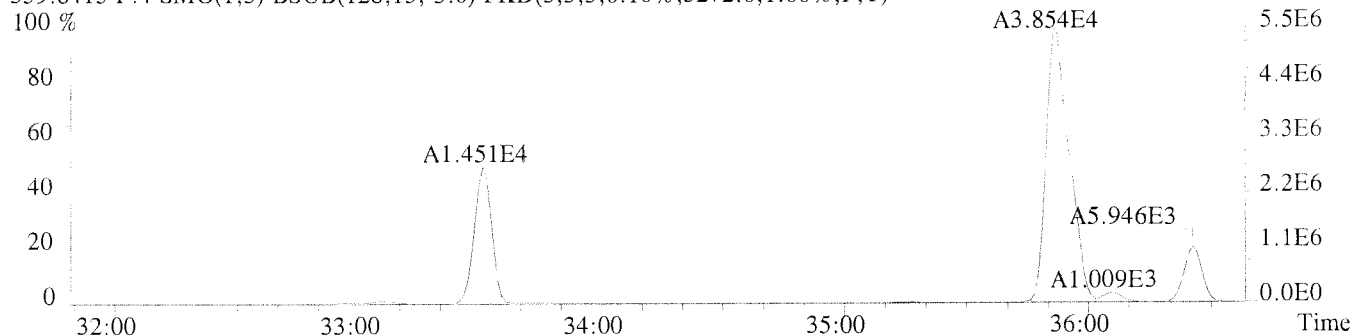
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,34424.0,1.00%,F,T)
 200 %



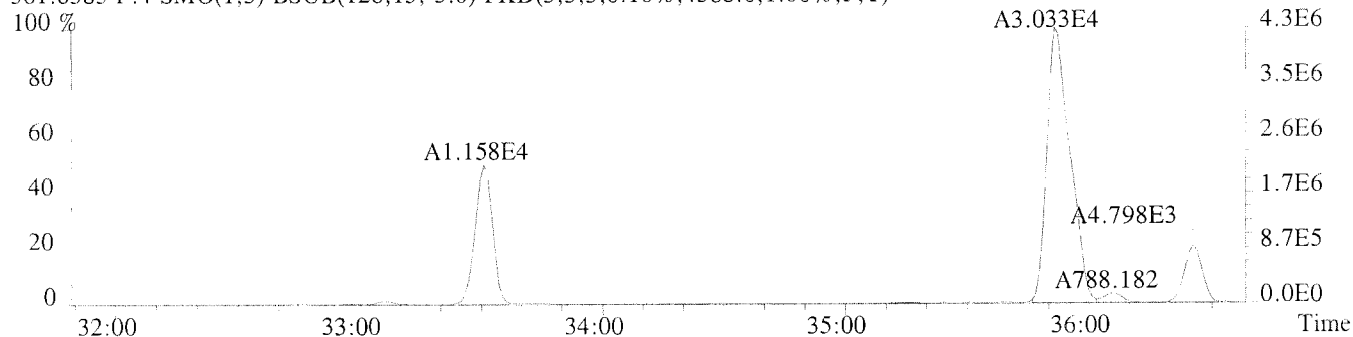
File:U224756 #1-309 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-007 USENN/S051

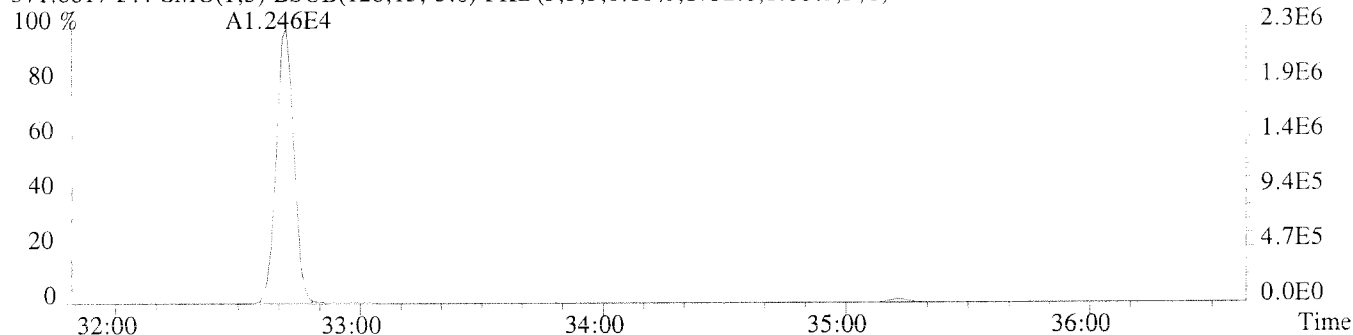
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3272.0,1.00%,F,T)



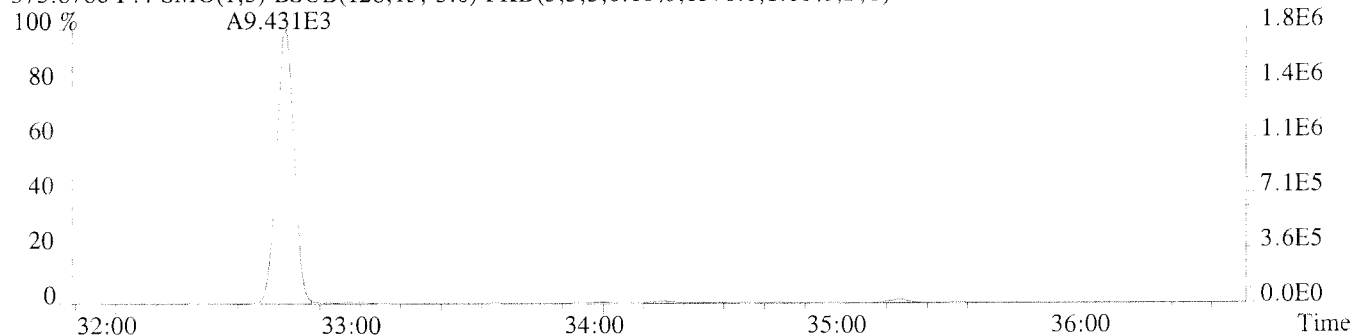
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4388.0,1.00%,F,T)



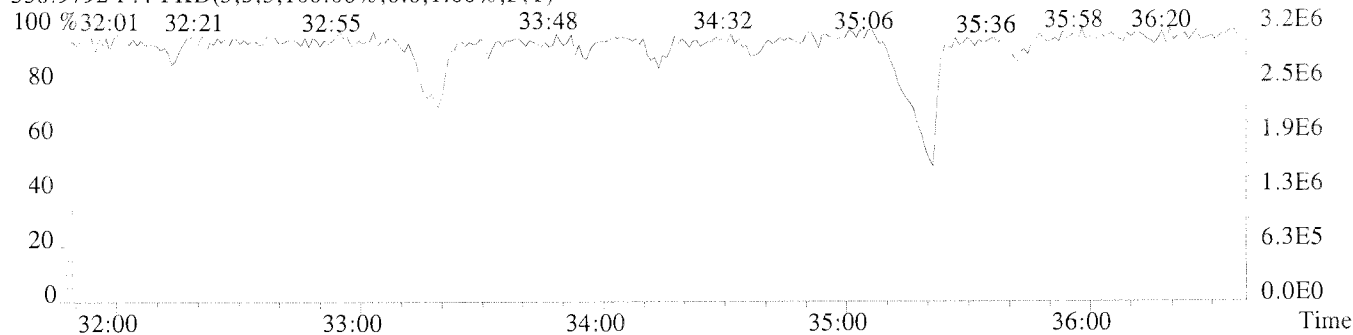
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1732.0,1.00%,F,T)



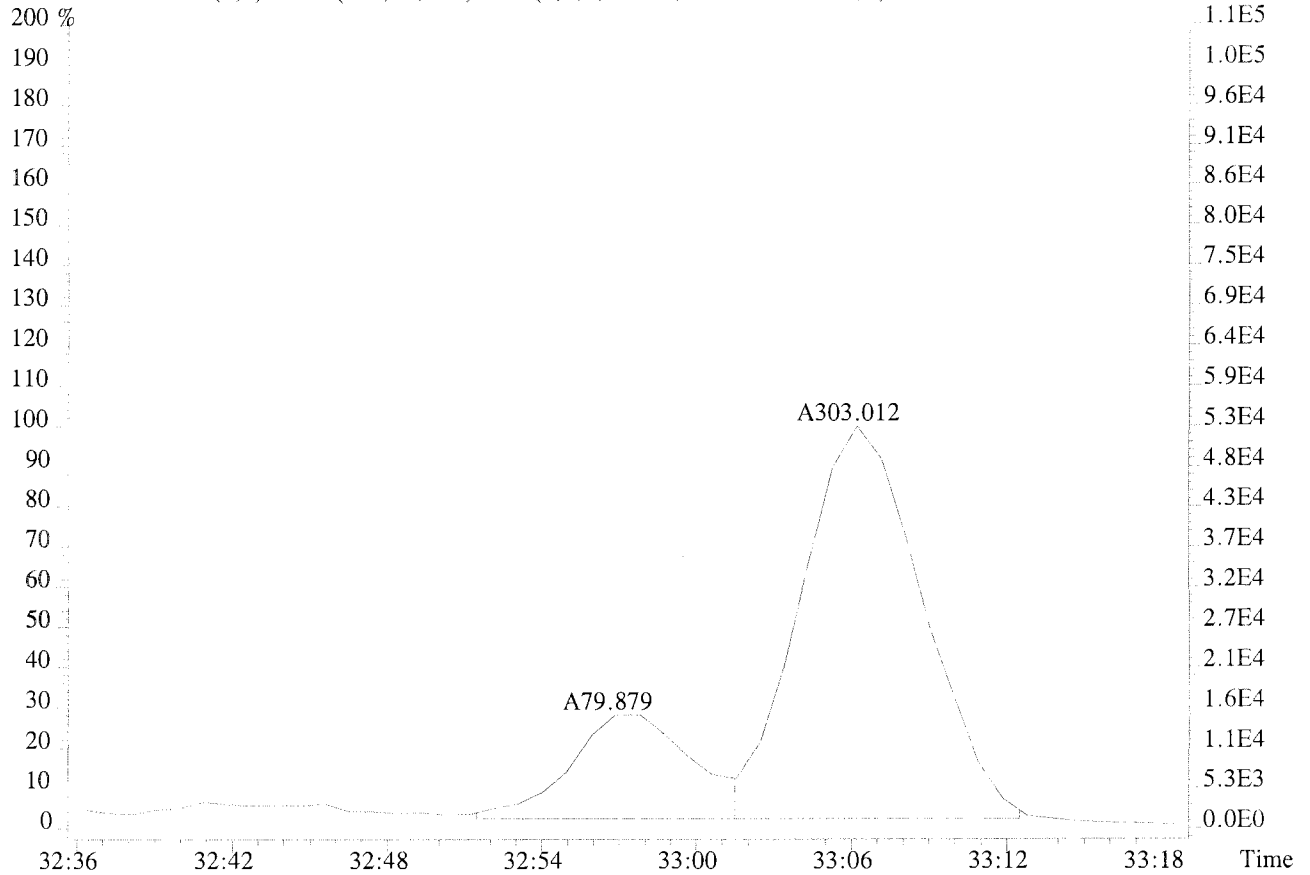
373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1576.0,1.00%,F,T)



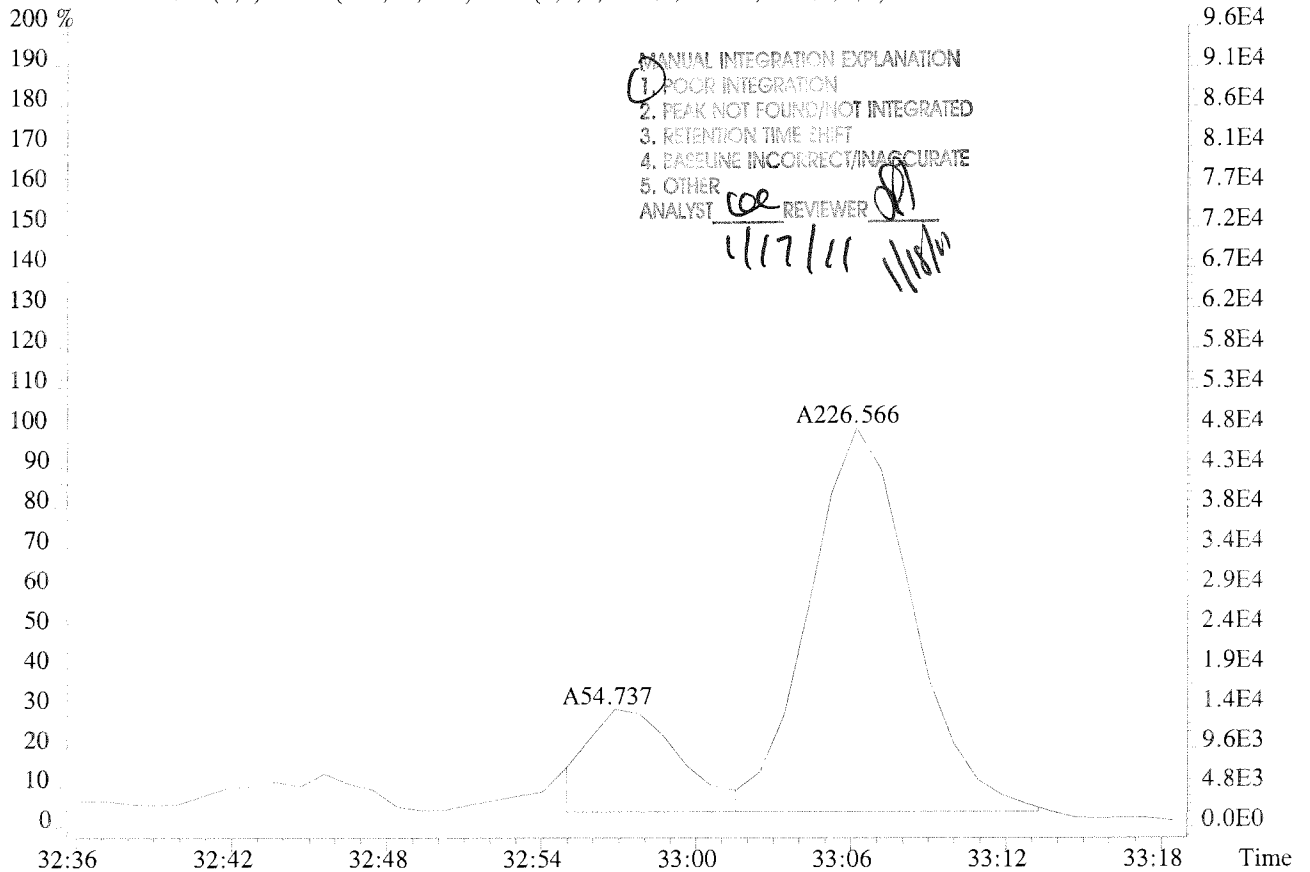
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224756 #1-309 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:K1013433-007 USENN/S051
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3272.0,1.00%,F,T)

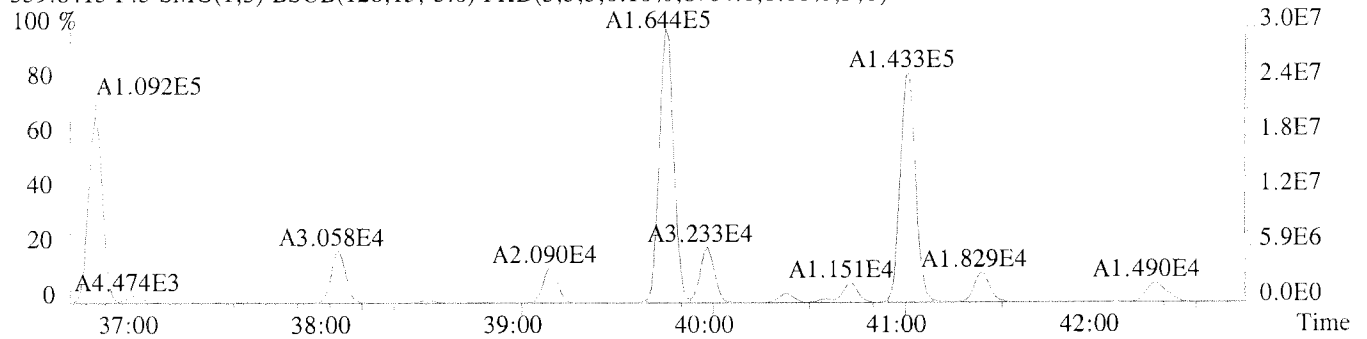


361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4388.0,1.00%,F,T)

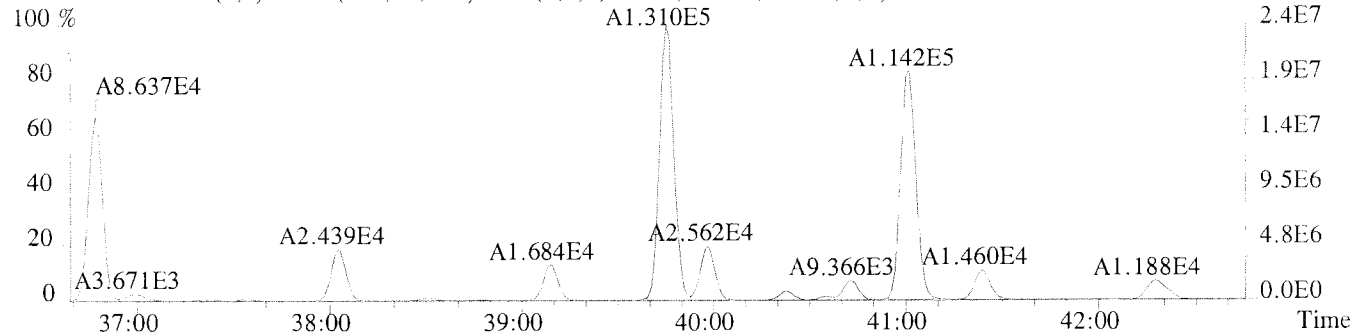


File:U224756 #1-391 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-007 USENN/S051

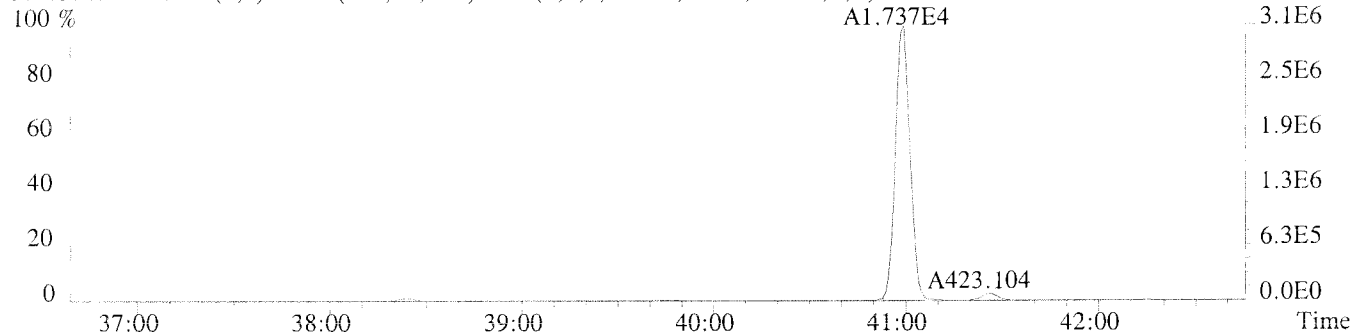
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8704.0,1.00%,F,T)



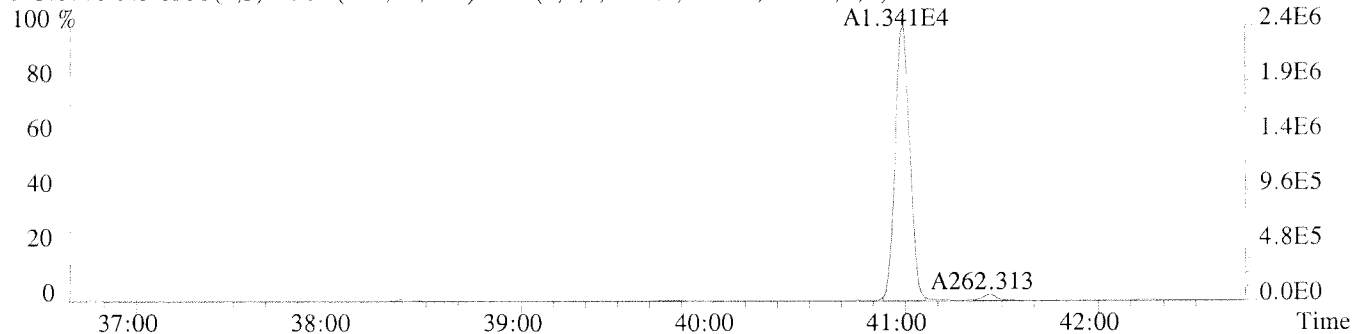
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8280.0,1.00%,F,T)



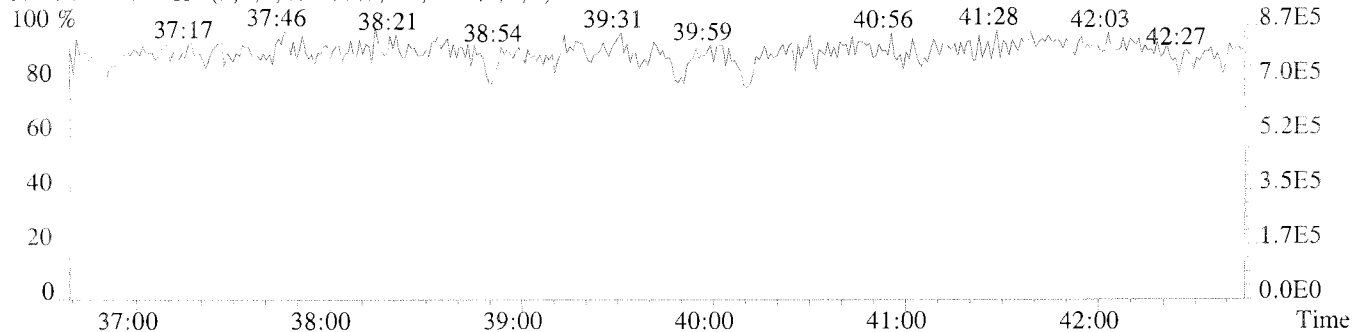
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,888.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,T)

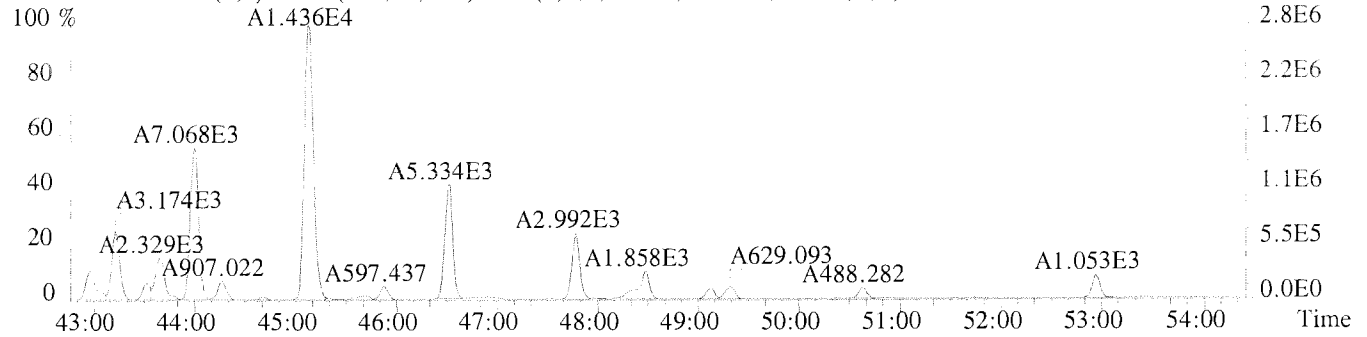


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

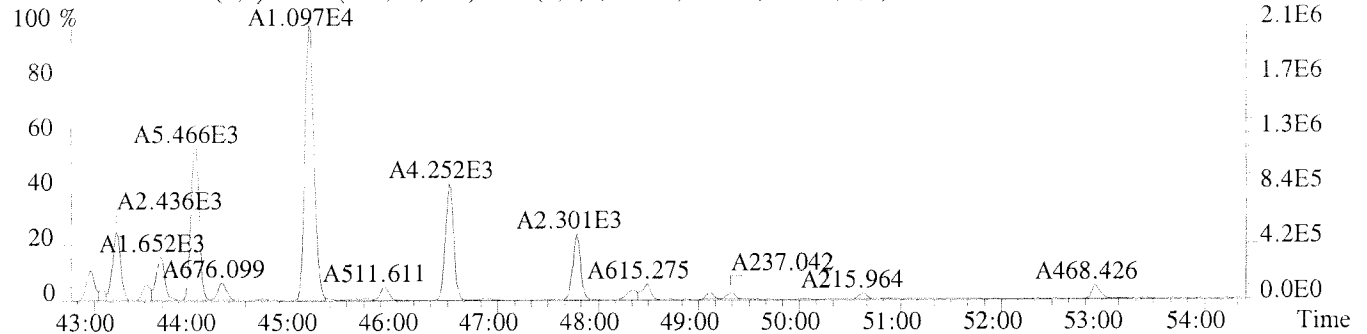


File:U224756 #1-577 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-007 USENN/S051

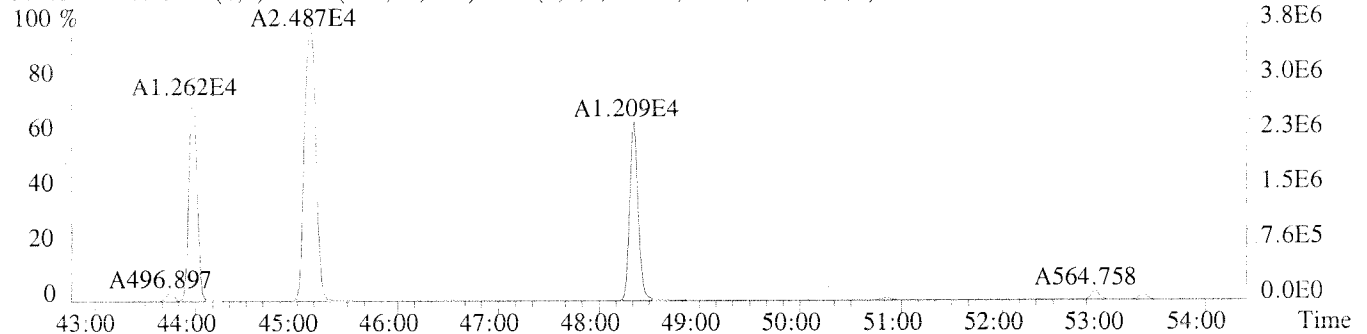
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10156.0,1.00%,F,T)



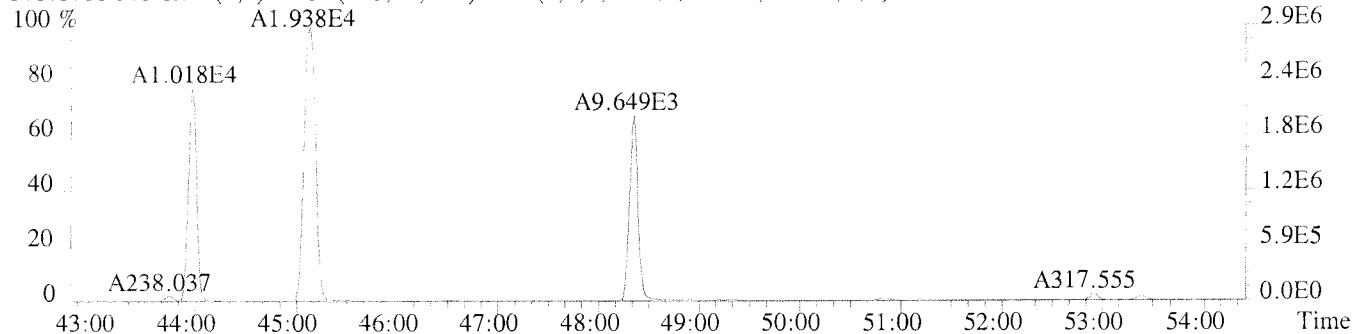
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3436.0,1.00%,F,T)



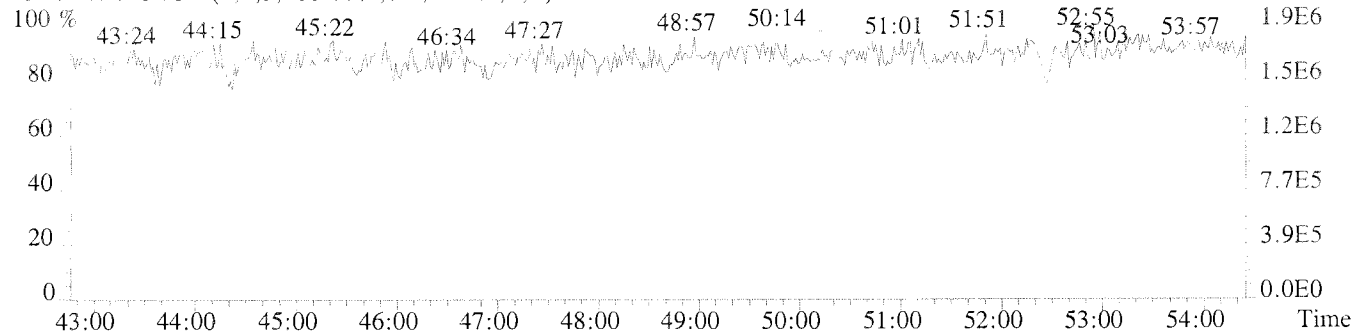
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,888.0,1.00%,F,T)



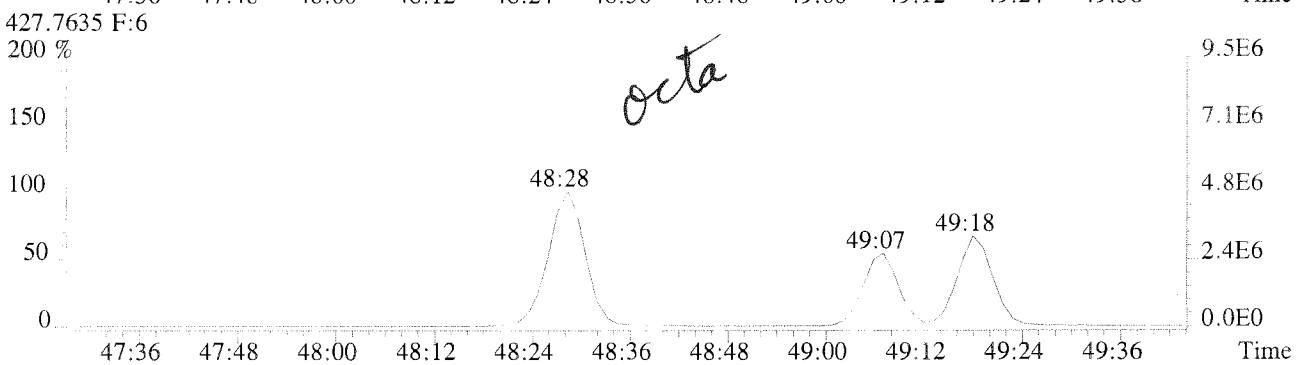
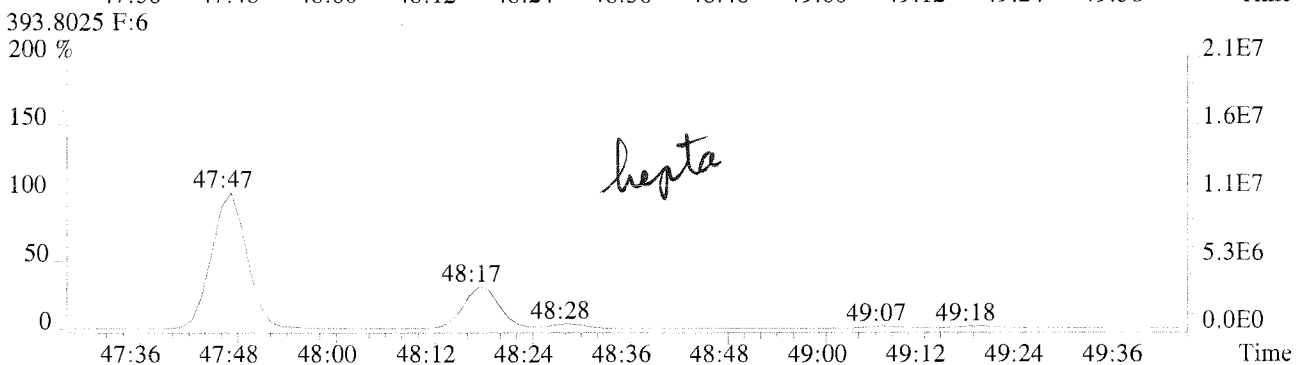
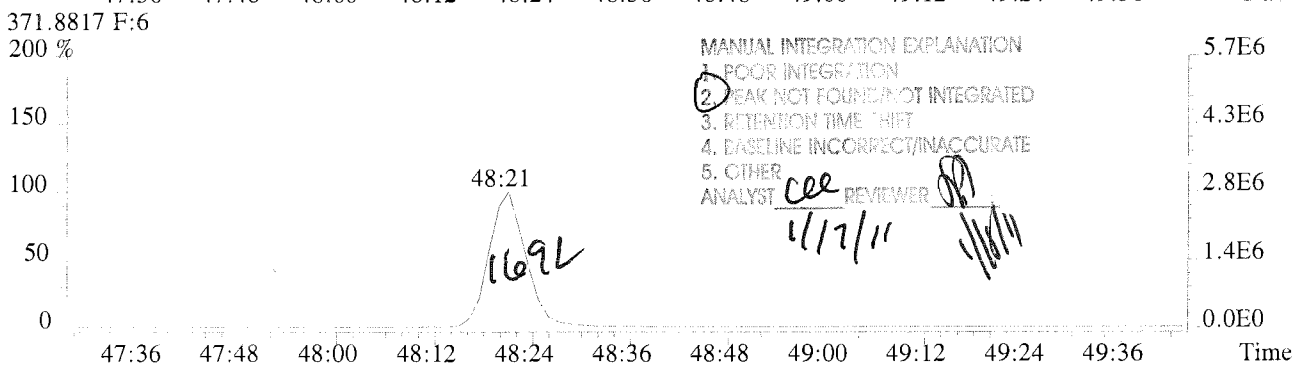
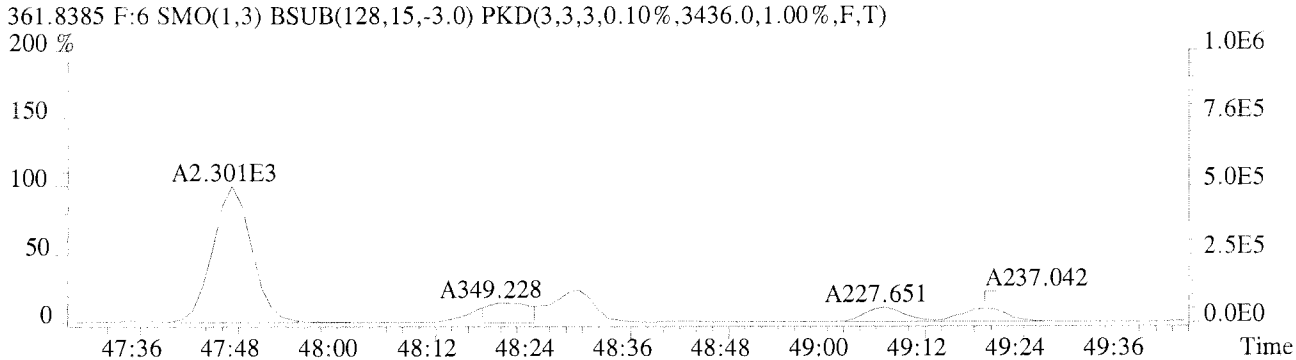
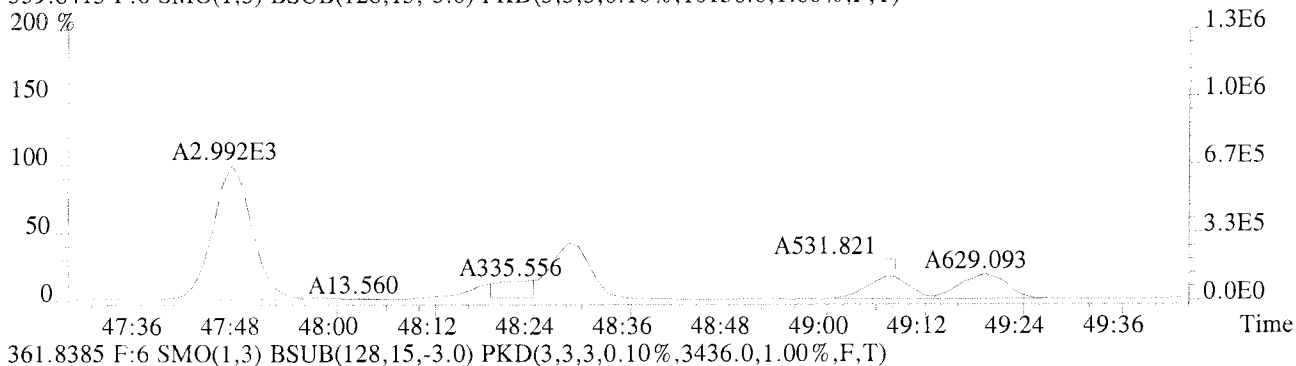
373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1508.0,1.00%,F,T)



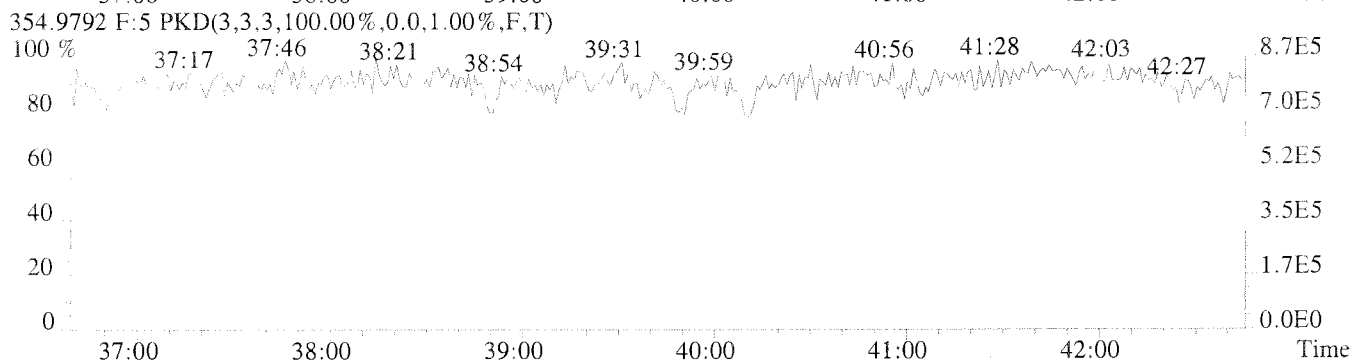
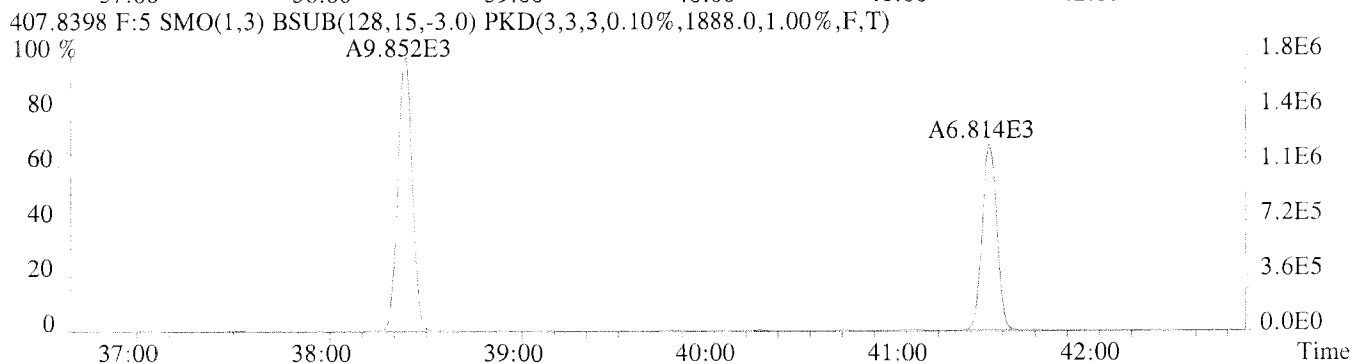
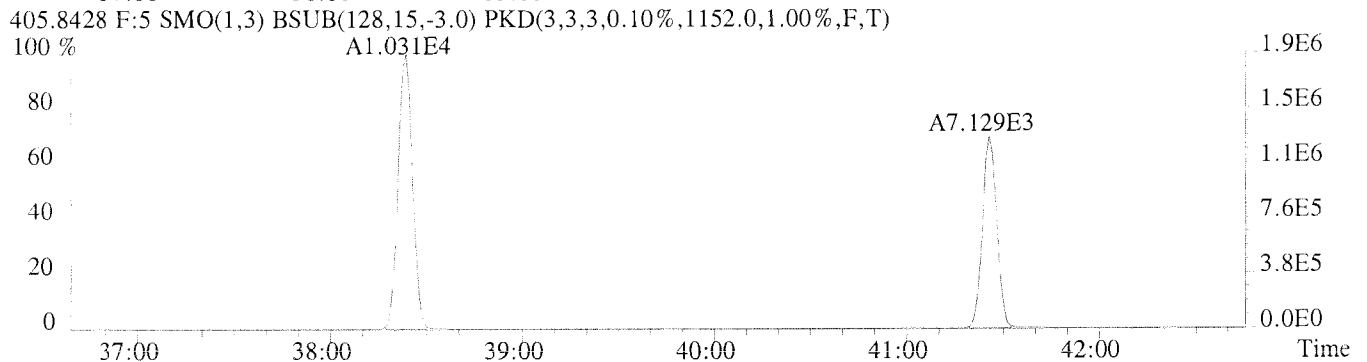
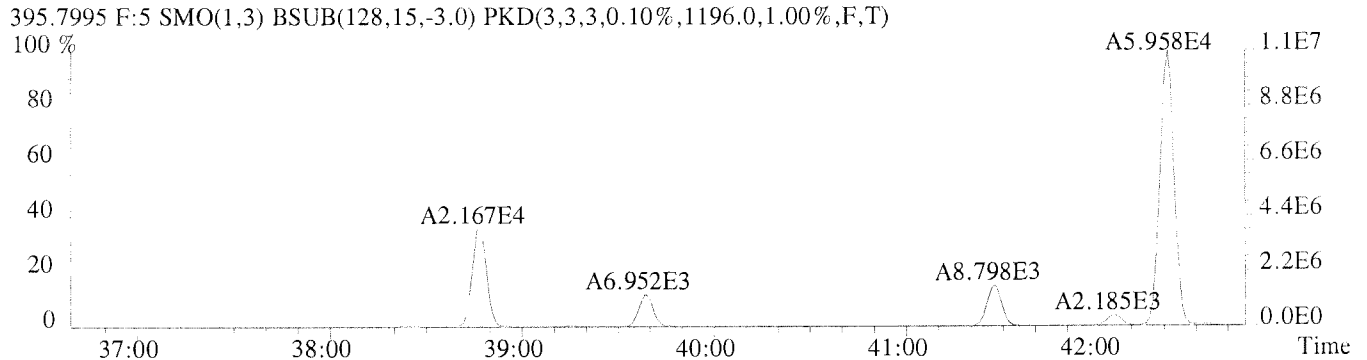
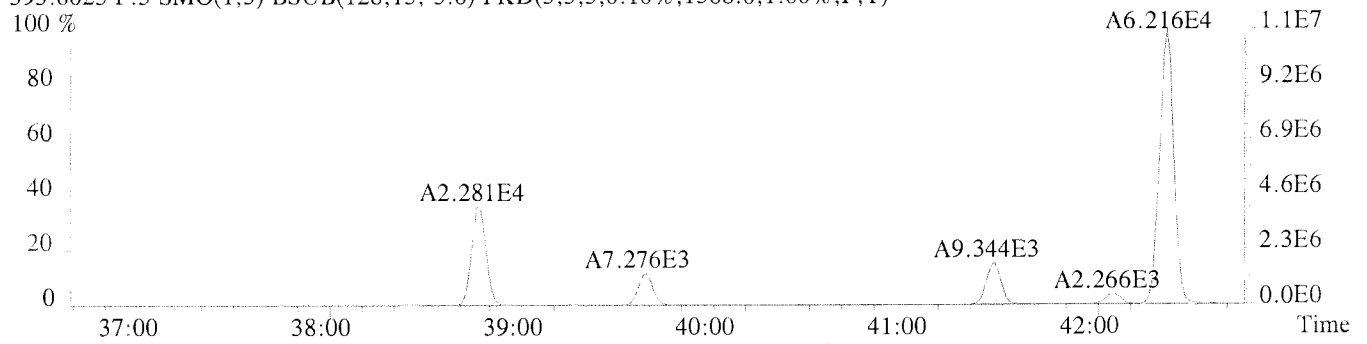
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



File:U224756 #1-577 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass sE
 Sample#1 Exp:K1013433-007 USENN/S051
 359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10156.0,1.00%,F,T)



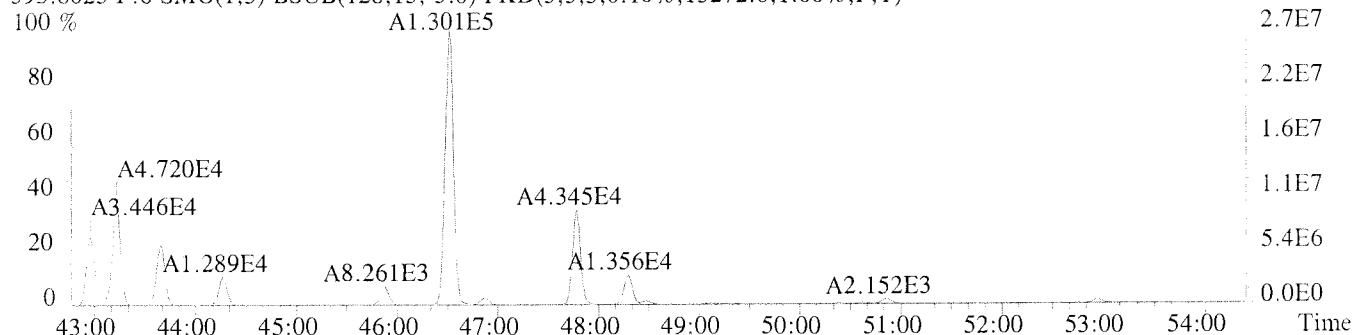
File:U224756 #1-391 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-007 USENN/S051
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1308.0,1.00%,F,T)
100 %



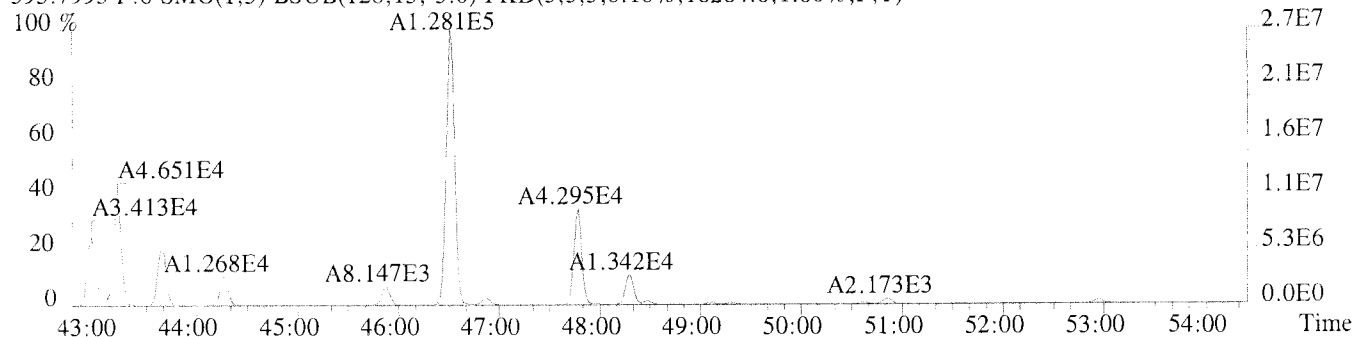
File:U224756 #1-577 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-007 USENN/S051

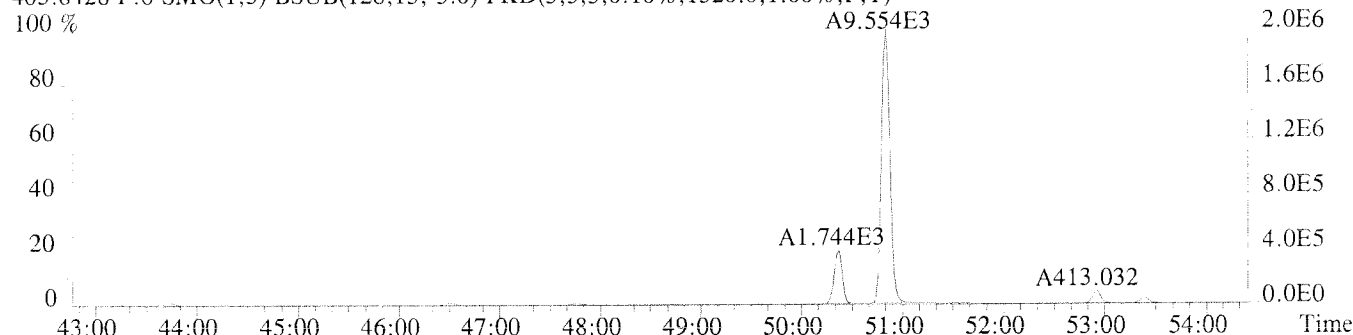
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13272.0,1.00%,F,T)



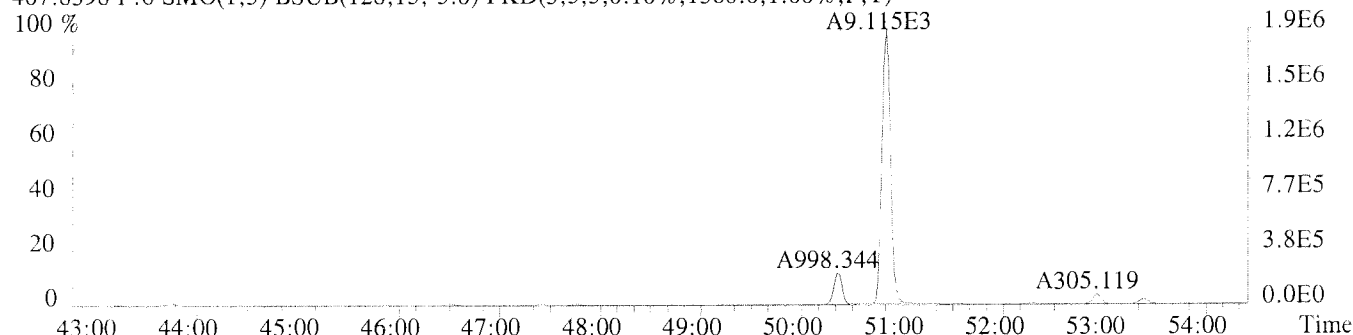
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,18284.0,1.00%,F,T)



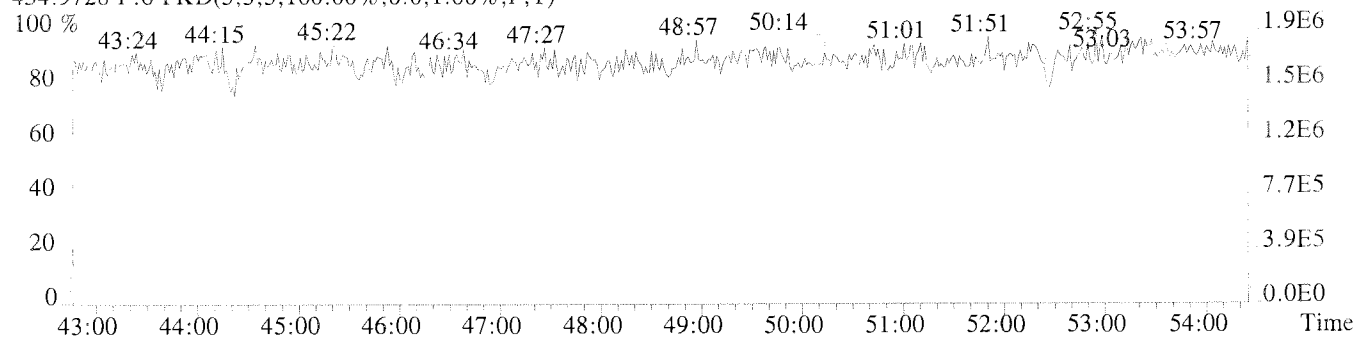
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1520.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1360.0,1.00%,F,T)



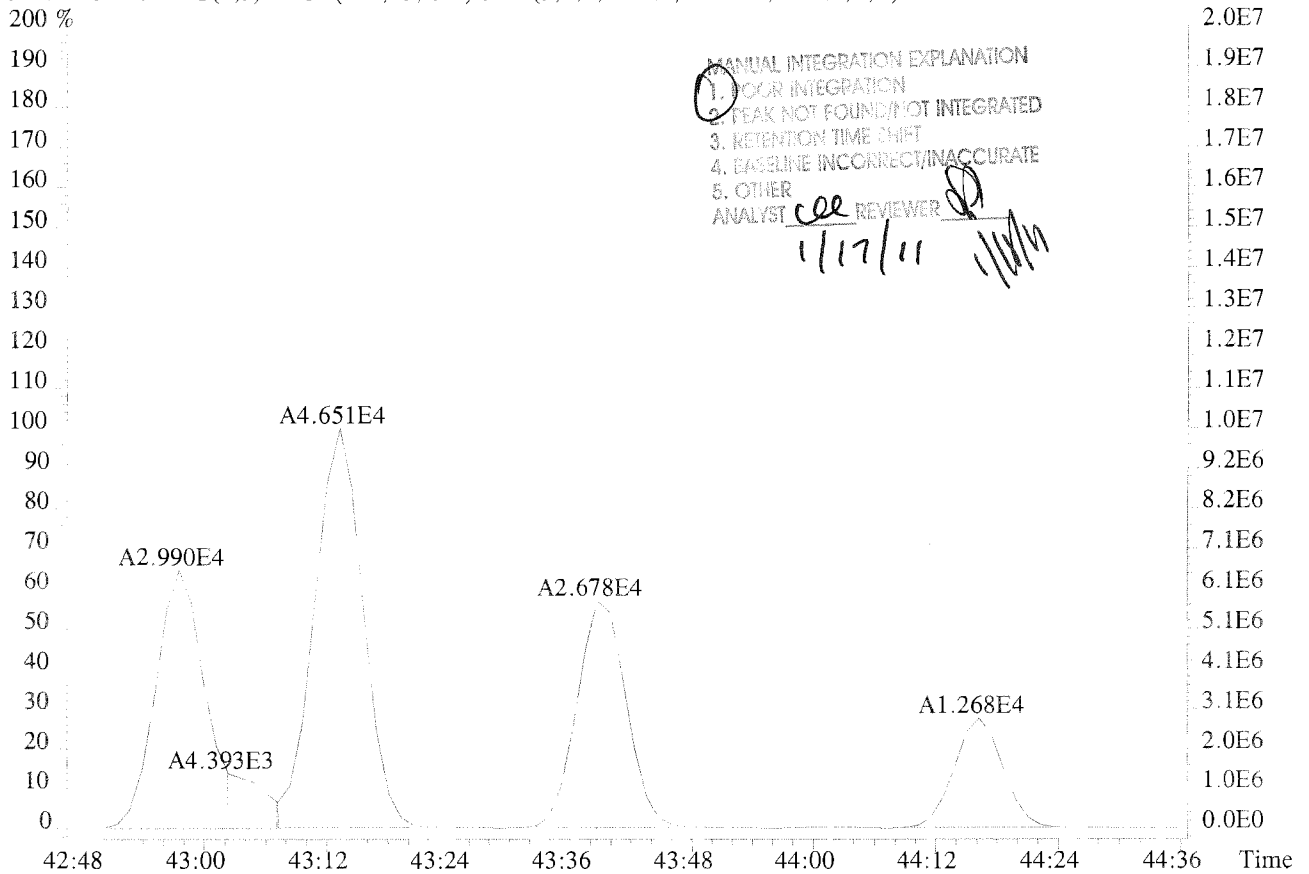
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



File:U224756 #1-577 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-007 USENN/S051
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13272.0,1.00%,F,T)



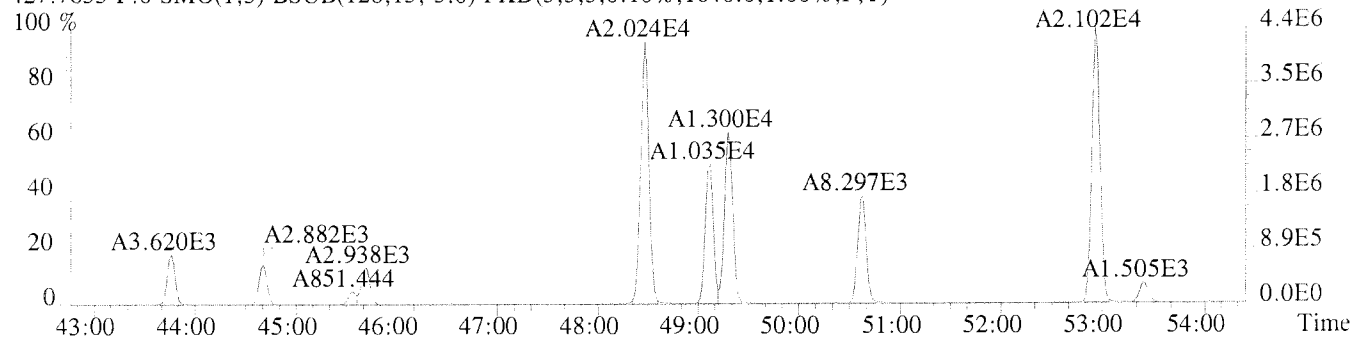
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,18284.0,1.00%,F,T)



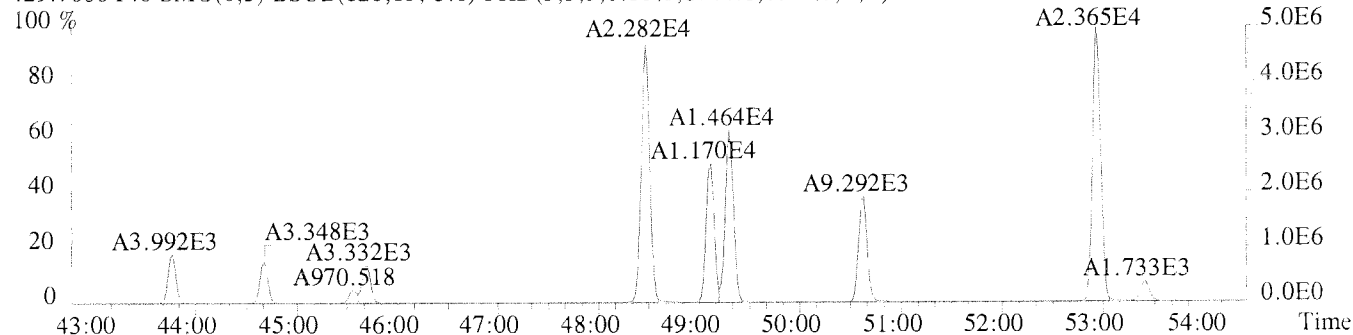
File:U224756 #1-577 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-007 USENN/S051

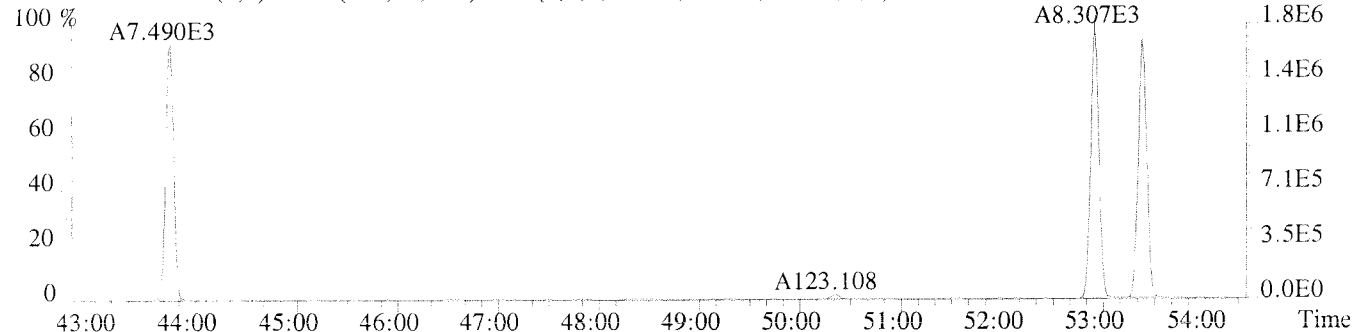
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1640.0,1.00%,F,T)



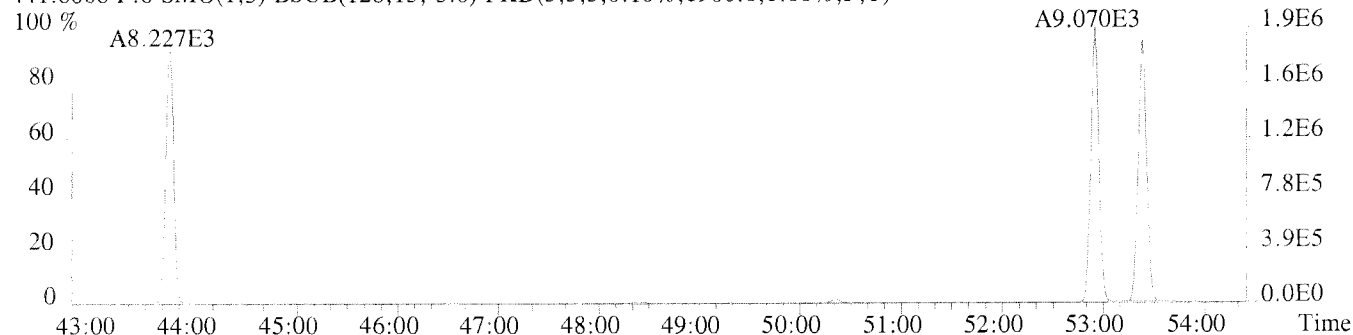
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1744.0,1.00%,F,T)



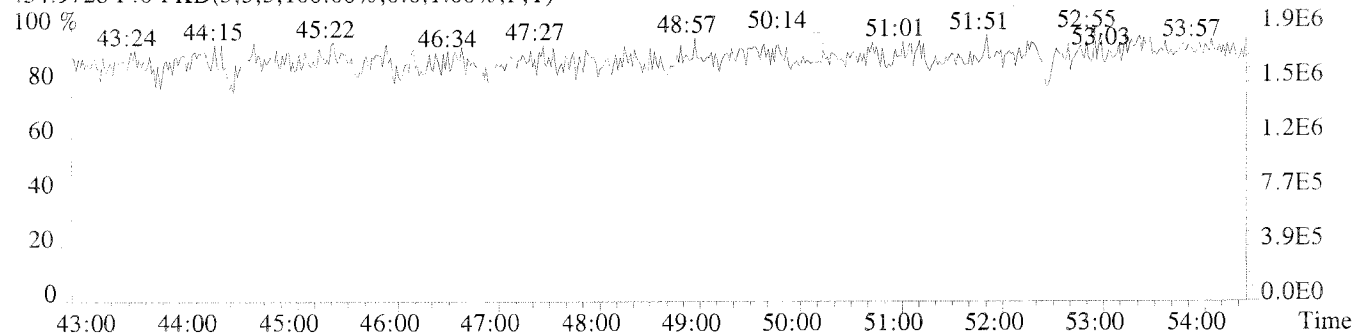
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2612.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1900.0,1.00%,F,T)



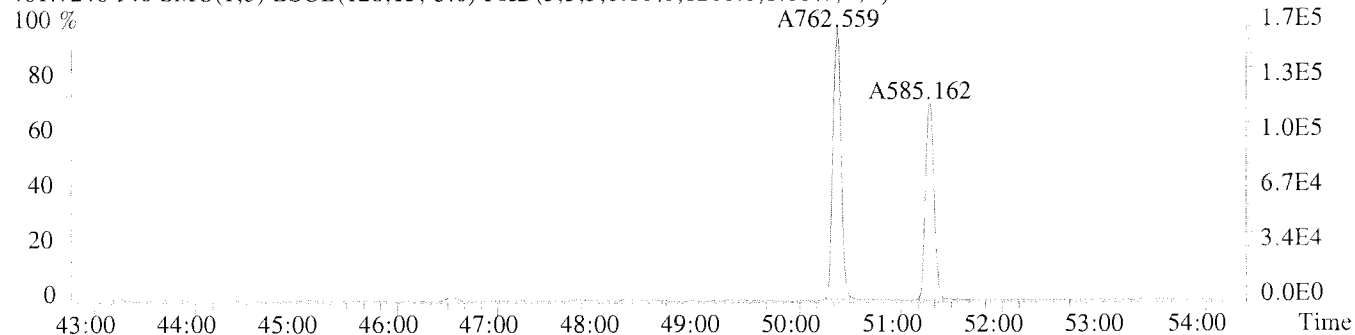
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



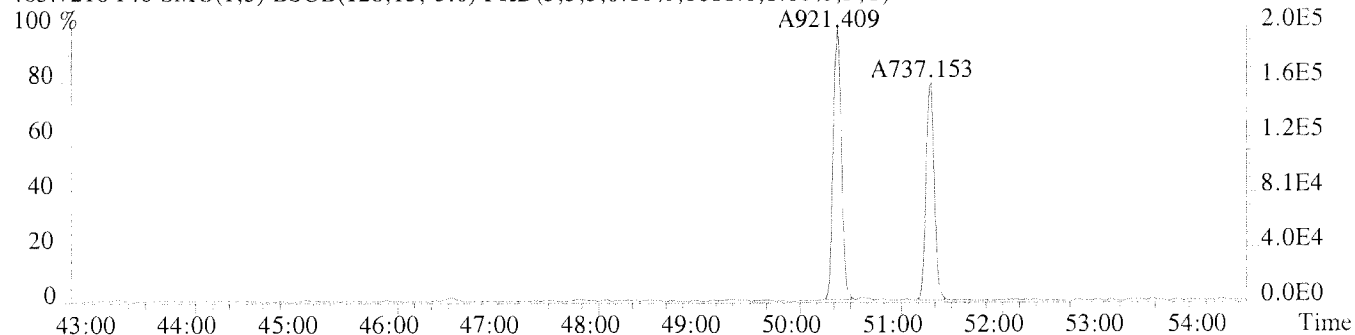
File:U224756 #1-577 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-007 USENN/S051

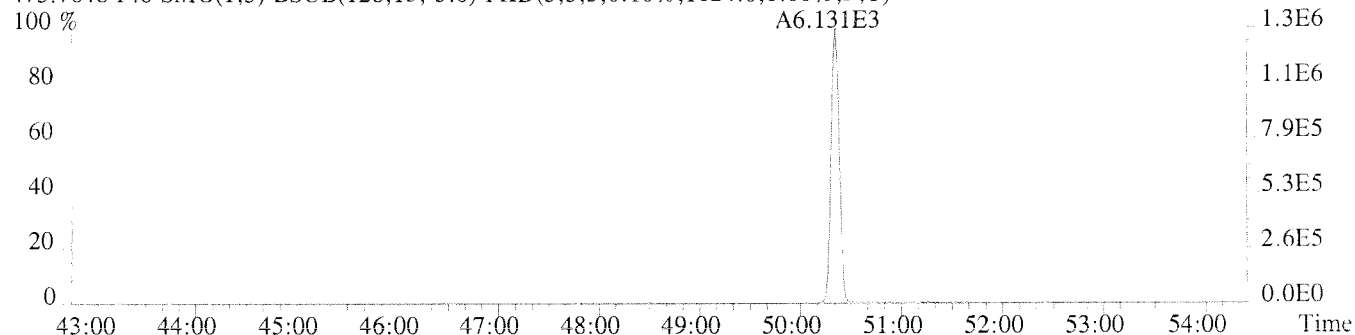
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1260.0,1.00%,F,T)



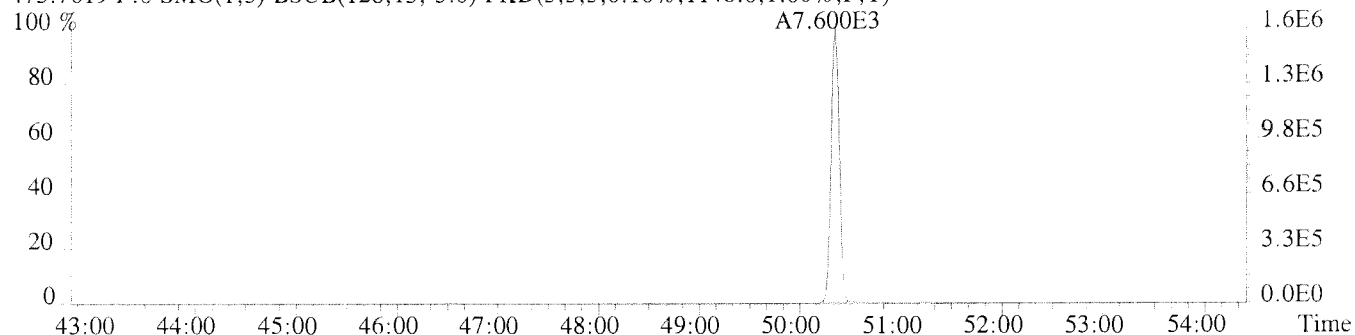
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1688.0,1.00%,F,T)



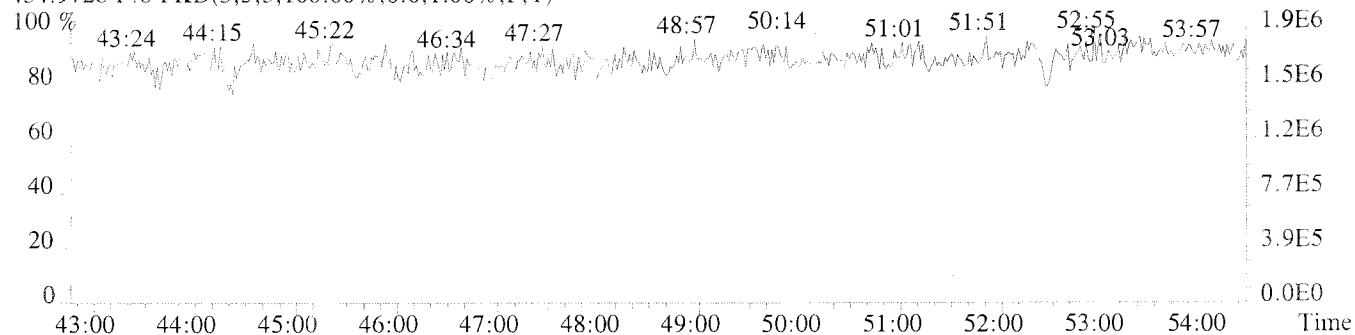
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1124.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1148.0,1.00%,F,T)



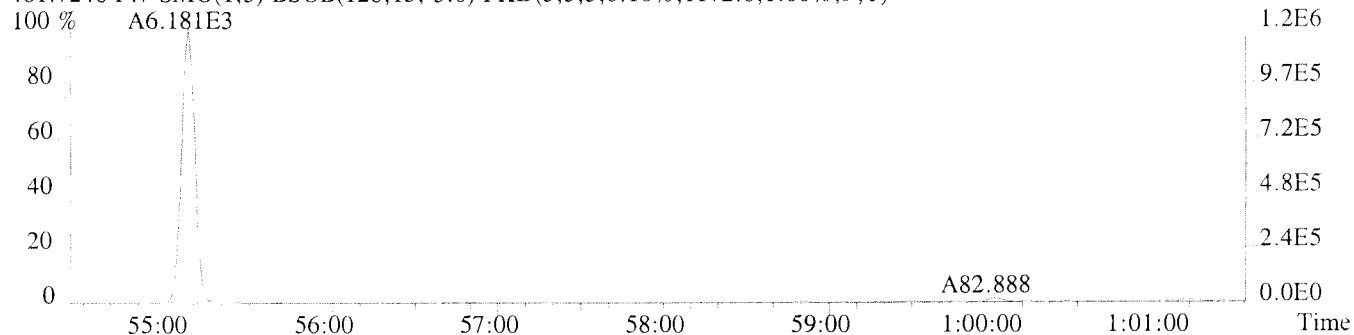
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



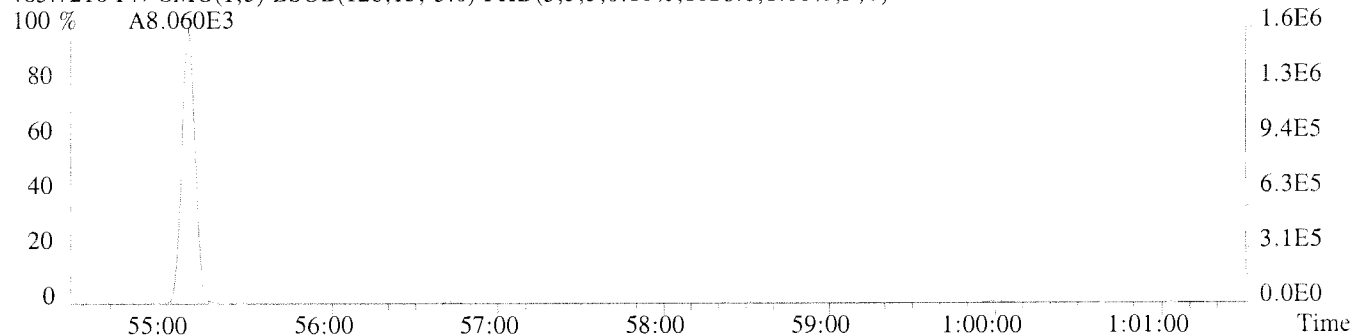
File:U224756 #1-400 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-007 USENN/S051

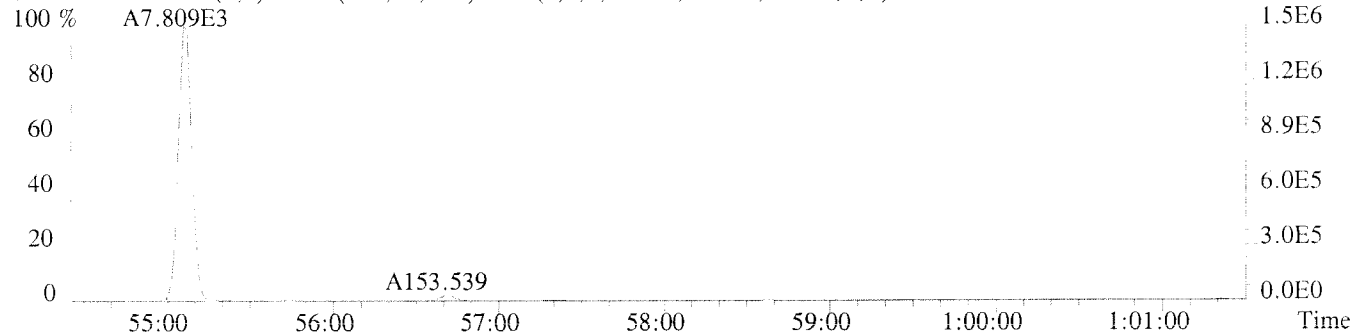
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1172.0,1.00%,F,T)



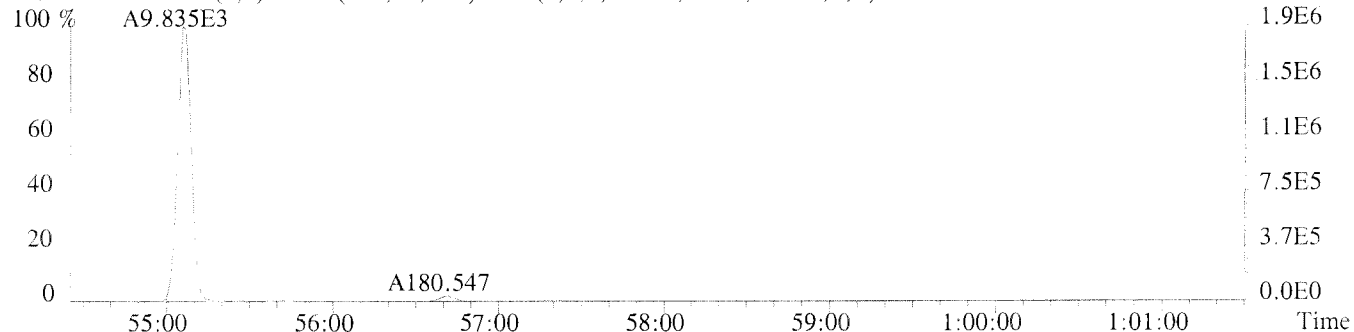
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1028.0,1.00%,F,T)



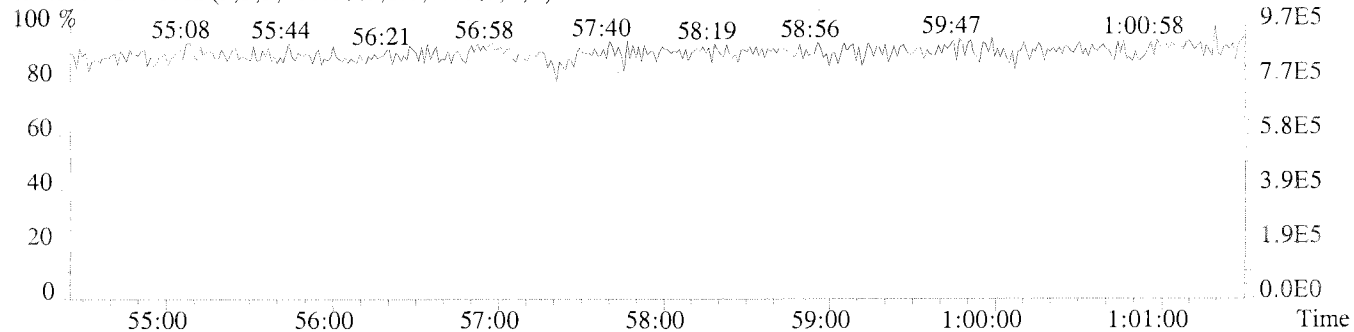
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1088.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,860.0,1.00%,F,T)

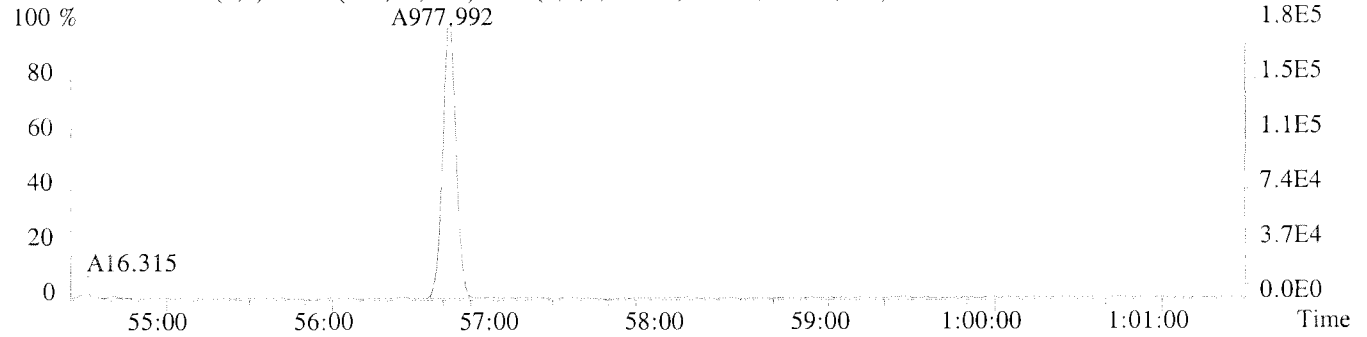


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

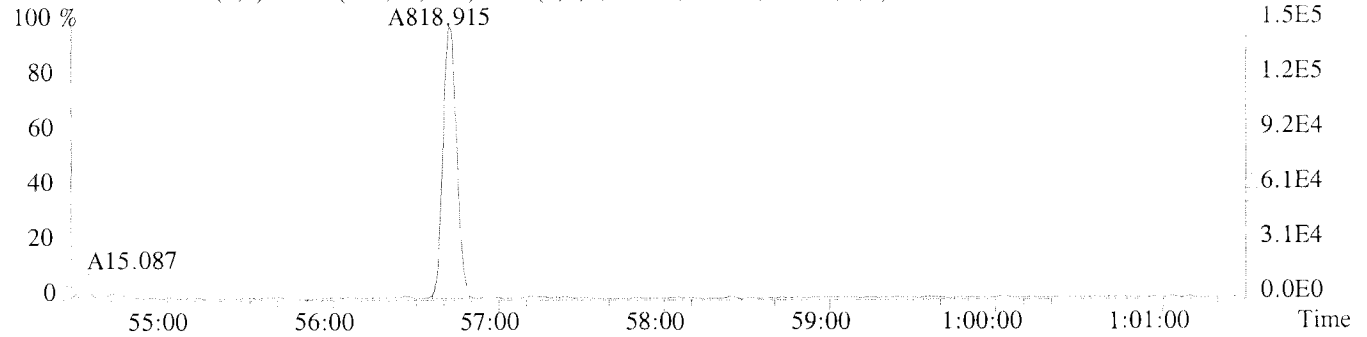


File:U224756 #1-400 Acq:15-JAN-2011 04:15:05 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-007 USENN/S051

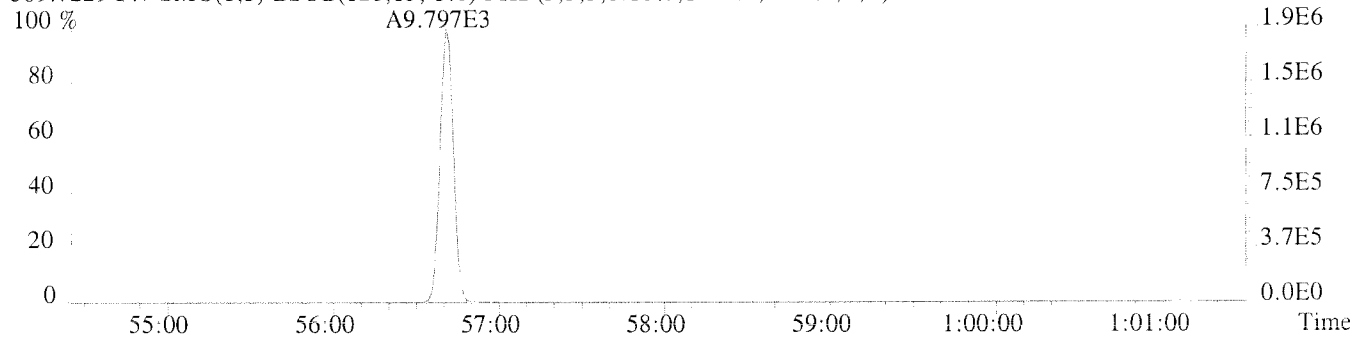
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1264.0,1.00%,F,T)



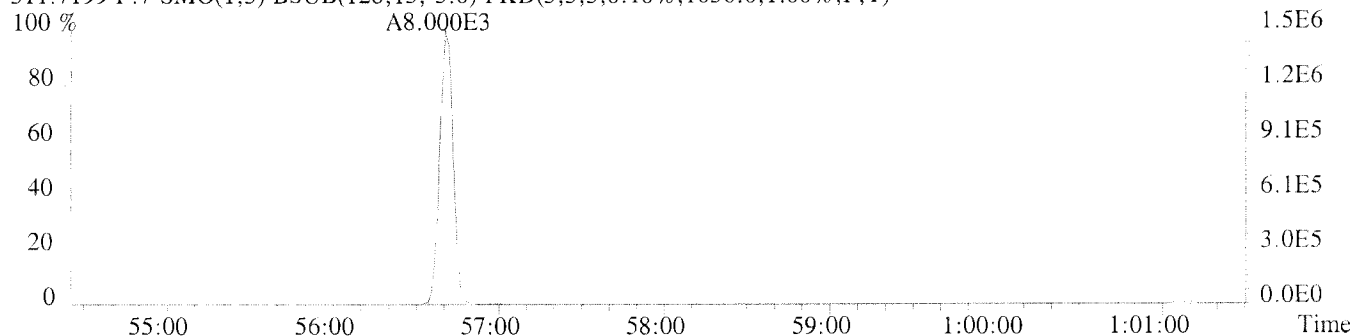
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1148.0,1.00%,F,T)



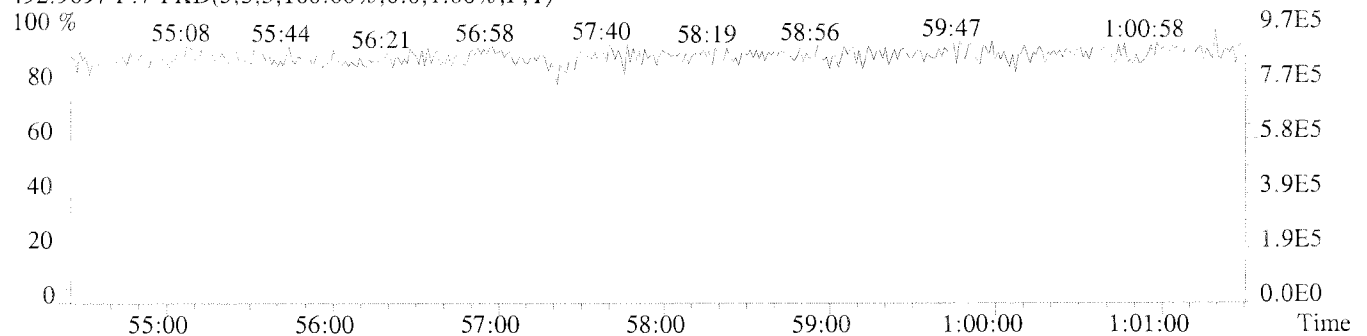
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1052.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1056.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-N/S-06-1

Run #17 Filename U224757 Samp: 1 Inj: 1 Acquired: 15-JAN-11 05:23:34
Processed: 17-JAN-11 18:09:48 Sample ID: K1013433-008

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	12:59	1.020e+04	3.226e+03	3.16	y	n	1.062
2	1	PCB-2	15:04	7.402e+03	2.356e+03	3.14	y	n	0.970
3	1	PCB-3	15:14	1.629e+04	5.026e+03	3.24	y	n	1.057
4	1	PCB-4	15:30	6.496e+03	4.209e+03	1.54	y	y	0.952
5	1	PCB-10	NotFnd	*	*	*	n	n	1.379
6	2	PCB-9	17:51	3.844e+03	2.644e+03	1.45	y	n	0.961
7	2	PCB-7	17:57	1.443e+03	9.646e+02	1.50	y	n	1.000
8	2	PCB-6	18:05	9.680e+03	6.142e+03	1.58	y	n	1.034
9	2	PCB-5	18:20	8.247e+02	5.198e+02	1.59	y	n	0.868
10	2	PCB-8	18:28	3.810e+04	2.354e+04	1.62	y	n	1.120
11	2	PCB-14	NotFnd	*	*	*	n	n	1.036
12	2	PCB-11	20:46	2.150e+04	1.288e+04	1.67	y	n	1.019
13	2	PCB-12/13	21:04	9.126e+03	5.885e+03	1.55	y	n	1.003
14	2	PCB-15	21:23	2.987e+04	1.859e+04	1.61	y	n	0.973
15	2	PCB-19	18:44	1.277e+03	1.254e+03	1.02	y	n	1.021
16	2	PCB-18/30	20:30	2.120e+04	2.028e+04	1.05	y	n	0.962
17	2	PCB-17	20:54	7.699e+03	7.417e+03	1.04	y	n	0.821
18	2	PCB-27	21:07	1.845e+03	1.833e+03	1.01	y	n	1.161
19	2	PCB-24	21:13	3.814e+02	3.474e+02	1.10	y	n	1.040
20	2	PCB-16	21:21	7.116e+03	6.815e+03	1.04	y	n	0.703
21	2	PCB-32	21:50	9.026e+03	8.646e+03	1.04	y	n	1.231
22	3	PCB-34	NotFnd	*	*	*	n	y	1.217
23	3	PCB-23	NotFnd	*	*	*	n	y	1.177
24	3	PCB-26/29	23:32	1.302e+04	1.182e+04	1.10	y	y	1.305
25	3	PCB-25	23:46	5.631e+03	4.759e+03	1.18	y	y	1.447
26	3	PCB-31	24:05	7.910e+04	7.273e+04	1.09	y	y	1.329
27	3	PCB-20/28	24:21	8.207e+04	7.579e+04	1.08	y	y	1.237
28	3	PCB-21/33	24:37	4.256e+04	3.849e+04	1.11	y	y	1.298
29	3	PCB-22	25:00	3.245e+04	2.938e+04	1.10	y	y	1.151
30	3	PCB-36	NotFnd	*	*	*	n	y	1.339
31	3	PCB-39	NotFnd	*	*	*	n	y	1.296
32	3	PCB-38	NotFnd	*	*	*	n	y	1.298
33	3	PCB-35	27:56	3.501e+03	2.487e+03	1.41	n	y	1.251
34	3	PCB-37	28:22	3.923e+04	3.537e+04	1.11	y	y	1.082
35	2	PCB-54	21:42	3.824e+01	4.970e+01	0.77	y	n	0.963
36	3	PCB-50/53	23:49	3.591e+03	4.488e+03	0.80	y	n	0.814
37	3	PCB-45/51	24:29	4.301e+03	5.722e+03	0.75	y	n	0.783
38	3	PCB-46	24:48	1.387e+03	1.790e+03	0.77	y	n	0.714
39	3	PCB-52	26:11	3.443e+04	4.380e+04	0.79	y	n	0.881
40	3	PCB-43/73	26:24	1.196e+03	1.448e+03	0.83	y	n	0.868
41	3	PCB-49/69	26:39	1.982e+04	2.579e+04	0.77	y	n	0.997
42	3	PCB-48	26:56	6.981e+03	9.171e+03	0.76	y	n	0.826
43	3	PCB-44/47/65	27:10	3.292e+04	4.256e+04	0.77	y	n	0.917
44	3	PCB-59/62/75	27:30	3.795e+03	4.683e+03	0.81	y	n	1.107
45	3	PCB-42	27:41	8.196e+03	1.030e+04	0.80	y	n	0.836
46	3	PCB-40/41/71	28:11	1.727e+04	2.210e+04	0.78	y	n	0.836
47	3	PCB-64	28:25	2.170e+04	2.763e+04	0.79	y	n	1.169
48	3	PCB-72	29:12	2.826e+02	5.040e+02	0.56	n	n	1.192
49	3	PCB-68	NotFnd	*	*	*	n	n	1.160
50	3	PCB-57	29:55	1.519e+02	2.722e+02	0.56	n	n	1.155

51	3	PCB-58	NotFnd	*	*	*	n	y	1.136
52	3	PCB-67	30:19	1.654e+03	2.475e+03	0.67	y	n	1.293
53	3	PCB-63	30:35	2.297e+03	3.048e+03	0.75	y	n	1.243
54	3	PCB-61/70/74/76	30:56	1.001e+05	1.279e+05	0.78	y	n	1.165
55	3	PCB-66	31:15	5.876e+04	7.560e+04	0.78	y	n	1.227
56	3	PCB-55	NotFnd	*	*	*	n	n	1.051
57	4	PCB-56	31:57	3.445e+04	4.372e+04	0.79	y	n	1.088
58	4	PCB-60	32:09	2.259e+04	2.915e+04	0.78	y	n	1.081
59	4	PCB-80	NotFnd	*	*	*	n	y	1.276
60	4	PCB-79	34:04	8.493e+02	1.261e+03	0.67	y	y	1.302
61	4	PCB-78	NotFnd	*	*	*	n	n	1.158
62	4	PCB-81	35:04	6.135e+02	7.432e+02	0.83	y	y	1.084
63	4	PCB-77	35:41	1.253e+04	1.536e+04	0.82	y	n	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:31	4.277e+02	2.460e+02	1.74	y	n	0.946
66	3	PCB-103	29:24	2.556e+02	1.736e+02	1.47	y	n	0.813
67	3	PCB-94	29:38	1.954e+02	1.265e+02	1.54	y	n	0.654
68	3	PCB-95	30:04	3.000e+04	1.952e+04	1.54	y	n	0.755
69	3	PCB-93/100	30:15	4.045e+02	2.313e+02	1.75	y	n	0.701
70	3	PCB-98/102	30:25	1.570e+03	9.553e+02	1.64	y	n	0.743
71	3	PCB-88/91	30:56	4.311e+03	2.715e+03	1.59	y	n	0.718
72	3	PCB-84	31:10	7.843e+03	4.836e+03	1.62	y	n	0.663
73	3	PCB-89	31:38	6.510e+02	4.103e+02	1.59	y	n	0.695
74	4	PCB-121	NotFnd	*	*	*	n	n	0.931
75	4	PCB-92	32:24	7.469e+03	4.710e+03	1.59	y	n	0.707
76	4	PCB-90/101/113	32:59	6.142e+04	3.929e+04	1.56	y	n	0.803
77	4	PCB-83/99	33:33	2.039e+04	1.297e+04	1.57	y	n	0.680
78	4	PCB-112	NotFnd	*	*	*	n	n	1.013
79	4	PCB-86/87/97/109/119/125	34:10	3.599e+04	2.311e+04	1.56	y	y	0.823
80	4	PCB-117	34:43	1.372e+03	8.596e+02	1.60	y	y	0.848
81	4	PCB-85/116	34:48	9.156e+03	5.884e+03	1.56	y	y	0.886
82	4	PCB-110/115	34:58	7.181e+04	4.550e+04	1.58	y	n	0.968
83	4	PCB-82	35:17	6.139e+03	4.020e+03	1.53	y	n	0.655
84	4	PCB-111	NotFnd	*	*	*	n	n	0.921
85	4	PCB-120	36:06	4.064e+02	2.656e+02	1.53	y	n	1.028
86	5	PCB-108/124	37:15	3.737e+03	2.318e+03	1.61	y	n	0.913
87	5	PCB-107	37:29	7.357e+03	4.734e+03	1.55	y	n	1.038
88	5	PCB-123	37:36	1.861e+03	1.048e+03	1.78	y	n	1.076
89	5	PCB-106	NotFnd	*	*	*	n	n	1.093
90	5	PCB-118	37:55	8.352e+04	5.377e+04	1.55	y	y	1.103
91	5	PCB-122	38:16	1.441e+03	8.176e+02	1.76	y	n	0.946
92	5	PCB-114	38:26	3.229e+03	2.293e+03	1.41	y	n	1.079
93	5	PCB-105	39:07	4.742e+04	3.008e+04	1.58	y	n	1.059
94	5	PCB-127	NotFnd	*	*	*	n	n	0.969
95	5	PCB-126	42:11	2.031e+03	1.233e+03	1.65	y	n	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	32:58	7.980e+01	5.826e+01	1.37	y	n	1.196
98	4	PCB-150	33:07	2.995e+02	2.302e+02	1.30	y	n	1.105
99	4	PCB-136	33:32	1.393e+04	1.109e+04	1.26	y	n	1.166
100	4	PCB-145	NotFnd	*	*	*	n	n	1.078
101	4	PCB-148	35:16	8.777e+01	5.316e+01	1.65	n	n	0.887
102	4	PCB-135/151	35:52	3.727e+04	2.959e+04	1.26	y	n	0.852
103	4	PCB-154	36:06	9.585e+02	7.613e+02	1.26	y	n	1.019
104	4	PCB-144	36:26	5.827e+03	4.677e+03	1.25	y	n	0.901
105	5	PCB-147/149	36:48	1.021e+05	8.185e+04	1.25	y	n	0.938
106	5	PCB-134	37:00	4.304e+03	3.446e+03	1.25	y	n	0.768
107	5	PCB-143	NotFnd	*	*	*	n	n	0.946

108	5	PCB-139/140	37:22	8.704e+02	6.271e+02	1.39	y	n	0.945
109	5	PCB-131	37:35	6.954e+02	5.983e+02	1.16	y	n	0.866
110	5	PCB-142	NotFnd	*	*	*	n	n	0.847
111	5	PCB-132	38:03	3.142e+04	2.511e+04	1.25	y	n	0.808
112	5	PCB-133	38:31	1.468e+03	1.214e+03	1.21	y	n	0.877
113	5	PCB-165	NotFnd	*	*	*	n	n	1.086
114	5	PCB-146	39:09	2.072e+04	1.653e+04	1.25	y	n	1.059
115	5	PCB-161	NotFnd	*	*	*	n	n	1.225
116	5	PCB-153/168	39:46	1.629e+05	1.291e+05	1.26	y	n	1.100
117	5	PCB-141	40:00	3.313e+04	2.631e+04	1.26	y	n	0.943
118	5	PCB-130	40:25	5.083e+03	4.021e+03	1.26	y	n	0.820
119	5	PCB-137	40:37	1.901e+03	1.385e+03	1.37	y	n	0.903
120	5	PCB-164	40:44	1.223e+04	1.004e+04	1.22	y	n	1.163
121	5	PCB-129/138/163	41:02	1.483e+05	1.177e+05	1.26	y	n	0.964
122	5	PCB-160	NotFnd	*	*	*	n	n	1.113
123	5	PCB-158	41:25	1.915e+04	1.525e+04	1.26	y	n	1.305
124	5	PCB-128/166	42:18	1.642e+04	1.325e+04	1.24	y	n	1.022
125	6	PCB-159	43:14	3.253e+03	2.497e+03	1.30	y	n	1.041
126	6	PCB-162	43:33	6.983e+02	5.430e+02	1.29	y	n	1.002
127	6	PCB-167	44:01	7.242e+03	5.780e+03	1.25	y	n	1.030
128	6	PCB-156/157	45:08	1.774e+04	1.379e+04	1.29	y	n	1.064
129	6	PCB-169	48:20	4.044e+02	3.348e+02	1.21	y	n	1.036
130	5	PCB-188	38:25	1.201e+02	1.230e+02	0.98	y	n	0.950
131	5	PCB-179	38:47	2.217e+04	2.113e+04	1.05	y	n	1.159
132	5	PCB-184	NotFnd	*	*	*	n	n	1.104
133	5	PCB-176	39:40	6.872e+03	6.659e+03	1.03	y	n	1.108
134	5	PCB-186	NotFnd	*	*	*	n	n	1.022
135	5	PCB-178	41:28	9.420e+03	8.938e+03	1.05	y	n	0.787
136	5	PCB-175	42:06	2.283e+03	2.298e+03	0.99	y	n	0.833
137	5	PCB-187	42:22	6.486e+04	6.127e+04	1.06	y	n	0.869
138	5	PCB-182	42:33	2.953e+02	3.199e+02	0.92	y	n	0.857
139	6	PCB-183	42:59	3.052e+04	2.987e+04	1.02	y	y	0.680
140	6	PCB-185	43:04	5.586e+03	5.743e+03	0.97	y	y	0.693
141	6	PCB-174	43:14	4.968e+04	4.895e+04	1.02	y	y	0.684
142	6	PCB-177	43:40	2.961e+04	2.895e+04	1.02	y	n	0.646
143	6	PCB-181	NotFnd	*	*	*	n	n	0.647
144	6	PCB-171/173	44:17	1.394e+04	1.382e+04	1.01	y	n	0.635
145	6	PCB-172	45:53	9.234e+03	9.186e+03	1.01	y	n	0.624
146	6	PCB-192	NotFnd	*	*	*	n	n	0.747
147	6	PCB-180/193	46:32	1.486e+05	1.462e+05	1.02	y	n	0.763
148	6	PCB-191	46:53	3.278e+03	3.241e+03	1.01	y	n	0.832
149	6	PCB-170	47:47	5.117e+04	5.075e+04	1.01	y	n	0.588
150	6	PCB-190	48:19	1.608e+04	1.612e+04	1.00	y	n	0.894
151	6	PCB-189	50:51	2.655e+03	2.605e+03	1.02	y	n	0.912
152	6	PCB-202	43:47	3.744e+03	4.214e+03	0.89	y	n	0.869
153	6	PCB-201	44:42	3.205e+03	3.437e+03	0.93	y	n	1.015
154	6	PCB-204	NotFnd	*	*	*	n	n	1.005
155	6	PCB-197	45:34	9.705e+02	1.153e+03	0.84	y	n	1.019
156	6	PCB-200	45:42	3.249e+03	3.658e+03	0.89	y	n	0.976
157	6	PCB-198/199	48:28	2.310e+04	2.606e+04	0.89	y	n	0.688
158	6	PCB-196	49:07	1.207e+04	1.349e+04	0.89	y	n	0.730
159	6	PCB-203	49:18	1.491e+04	1.678e+04	0.89	y	n	0.731
160	6	PCB-195	50:38	9.491e+03	1.070e+04	0.89	y	n	0.682
161	6	PCB-194	52:56	2.502e+04	2.842e+04	0.88	y	n	0.689
162	6	PCB-205	53:24	1.668e+03	1.883e+03	0.89	y	n	0.933
163	6	PCB-208	50:22	8.969e+02	1.127e+03	0.80	y	n	0.915
164	6	PCB-207	51:18	7.420e+02	9.498e+02	0.78	y	n	0.967

165	7	PCB-206	55:08	7.512e+03	9.811e+03	0.77	y	n	0.937
166	7	PCB-209	56:43	3.198e+03	2.694e+03	1.19	y	n	0.925
167	1	PCB-1L	12:59	2.326e+04	7.471e+03	3.11	y	n	1.162
168	1	PCB-3L	15:13	2.574e+04	8.270e+03	3.11	y	n	1.187
169	1	PCB-4L	15:29	1.062e+04	6.652e+03	1.60	y	n	0.907
170	2	PCB-15L	21:22	2.033e+04	1.265e+04	1.61	y	n	1.030
171	2	PCB-19L	18:44	7.006e+03	6.571e+03	1.07	y	n	0.615
172	3	PCB-37L	28:20	1.802e+04	1.673e+04	1.08	y	n	1.320
173	2	PCB-54L	21:41	7.136e+03	8.802e+03	0.81	y	n	1.261
174	4	PCB-81L	35:03	1.154e+04	1.464e+04	0.79	y	n	1.088
175	4	PCB-77L	35:40	1.200e+04	1.521e+04	0.79	y	n	1.091
176	3	PCB-104L	27:06	1.116e+04	7.036e+03	1.59	y	n	1.480
177	5	PCB-123L	37:35	1.475e+04	9.378e+03	1.57	y	n	1.214
178	5	PCB-118L	37:53	1.538e+04	9.635e+03	1.60	y	n	1.246
179	5	PCB-114L	38:25	1.574e+04	9.712e+03	1.62	y	n	1.236
180	5	PCB-105L	39:05	1.515e+04	9.548e+03	1.59	y	n	1.197
181	5	PCB-126L	42:10	1.720e+04	1.084e+04	1.59	y	n	1.105
182	4	PCB-155L	32:42	1.100e+04	8.427e+03	1.31	y	n	1.599
183	6	PCB-167L	43:59	1.127e+04	8.849e+03	1.27	y	n	1.051
184	6	PCB-156/157L	45:10	2.331e+04	1.847e+04	1.26	y	n	0.962
185	6	PCB-169L	48:21	1.174e+04	9.200e+03	1.28	y	n	0.886
186	5	PCB-188L	38:24	8.984e+03	8.539e+03	1.05	y	n	2.483
187	6	PCB-189L	50:50	9.092e+03	8.664e+03	1.05	y	n	1.503
188	6	PCB-202L	43:45	6.570e+03	7.177e+03	0.92	y	n	1.757
189	6	PCB-205L	53:23	7.135e+03	7.912e+03	0.90	y	n	1.317
190	6	PCB-208L	50:21	5.490e+03	7.077e+03	0.78	y	n	1.446
191	7	PCB-206L	55:07	7.334e+03	9.246e+03	0.79	y	n	1.176
192	7	PCB-209L	56:41	9.141e+03	7.624e+03	1.20	y	n	1.606
193	3	PCB-28L	24:21	1.926e+04	1.826e+04	1.05	y	n	1.538
194	4	PCB-111L	35:39	1.248e+04	7.898e+03	1.58	y	n	1.238
195	5	PCB-178L	41:27	6.617e+03	6.141e+03	1.08	y	n	1.355
196	2	PCB-9L	17:50	2.719e+04	1.733e+04	1.57	y	n	-
197	3	PCB-52L	26:09	1.148e+04	1.421e+04	0.81	y	n	-
198	4	PCB-101L	32:57	1.424e+04	9.008e+03	1.58	y	n	-
199	5	PCB-138L	41:00	1.464e+04	1.114e+04	1.31	y	n	-
200	6	PCB-194L	52:55	7.394e+03	8.205e+03	0.90	y	n	-

-- Sample Calculation--

$$\text{PCB-209} = \frac{(3.198e+03 + 2.694e+03) \times (100.0 \times 100.0) \text{ pg} \times 1}{(9.141e+03 + 7.624e+03) \times (5.382 \text{ g}) \times (100 - \quad) / 100 \times 0.9245} = 206 \text{ ng/kg}$$

206
ng/kg
1/19/11
[Signature]

Columbia Analytical Services, Inc.
19408 Park Row, Suite 320
Houston, TX 77084
Office(713)266-1599. Fax(713)266-0130

sp166respa
02/2009

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio SummaryCLIENT ID.
USEN-N/S-06-1

Run #17 Filename U224757#1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 05:23:34

Processed: 17-JAN-11 18:09:48 LAB. ID: K1013433-008

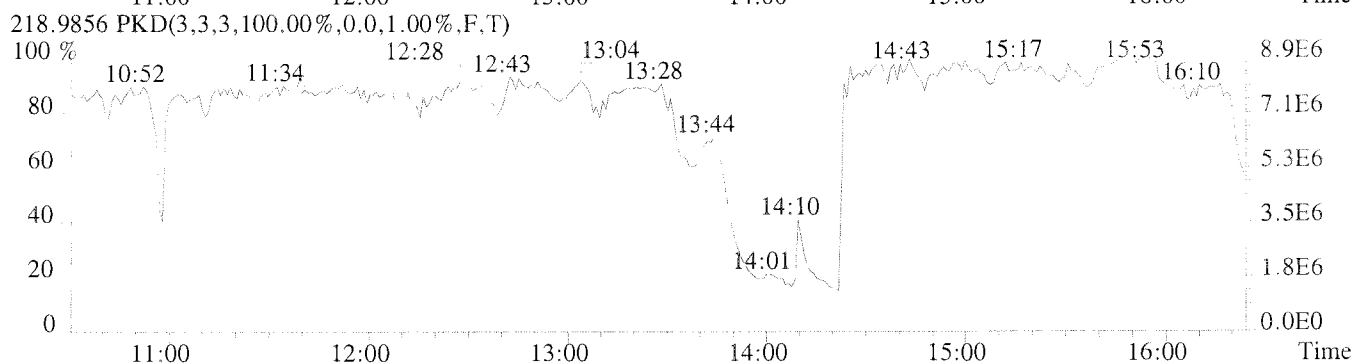
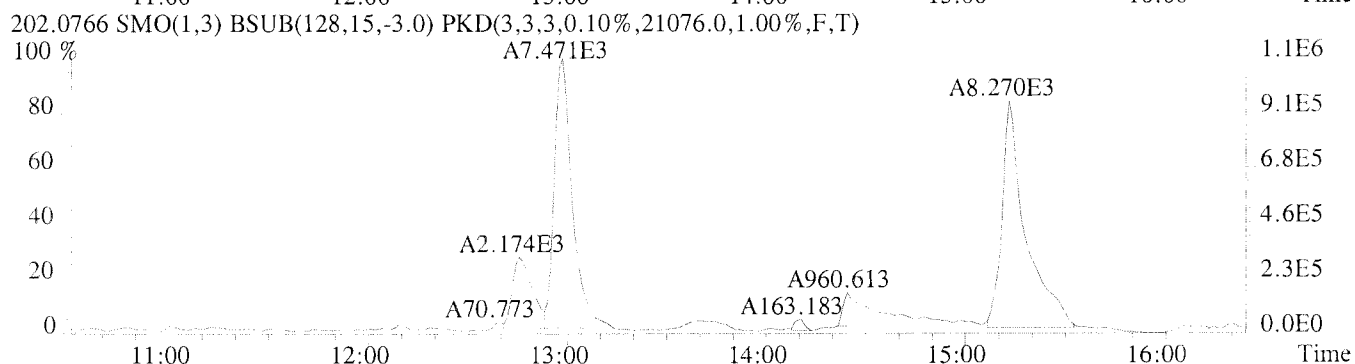
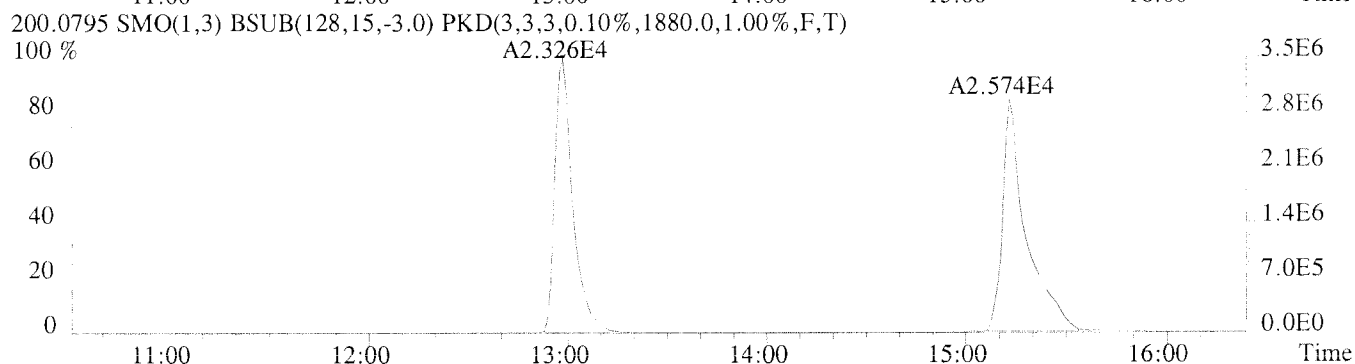
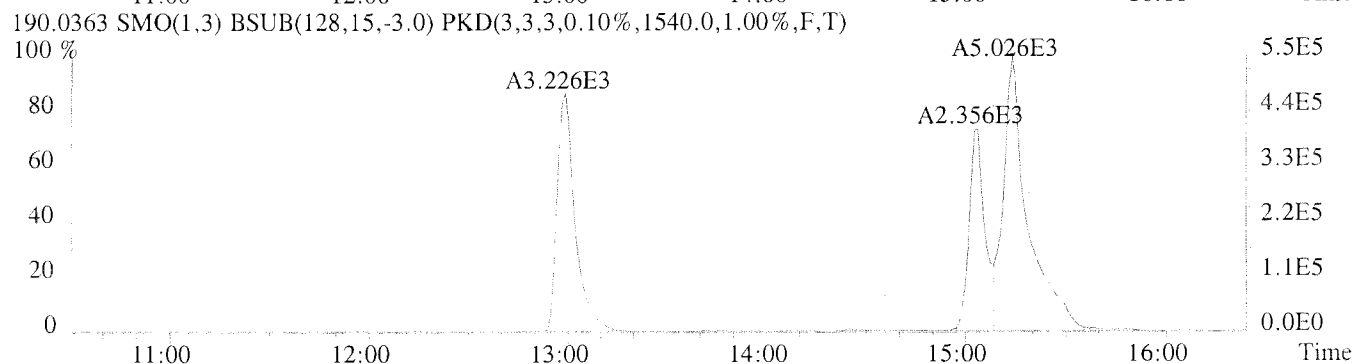
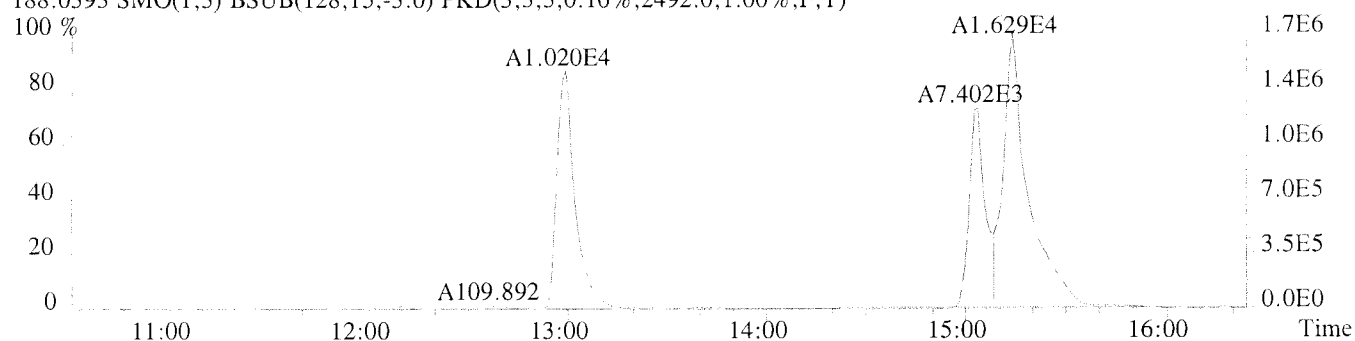
	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	1.51e+06	2.49e+03	6.1e+02	4.79e+05	1.54e+03	3.1e+02
2	PCB-2	1.27e+06	2.49e+03	5.1e+02	4.06e+05	1.54e+03	2.6e+02
3	PCB-3	1.74e+06	2.49e+03	7.0e+02	5.51e+05	1.54e+03	3.6e+02
4	PCB-4	4.40e+05	7.31e+03	6.0e+01	2.84e+05	9.59e+04	3.0e+00
5	PCB-10	*	7.31e+03	*	*	9.59e+04	*
6	PCB-9	1.24e+06	1.23e+03	1.0e+03	8.30e+05	1.57e+04	5.3e+01
7	PCB-7	4.29e+05	1.23e+03	3.5e+02	2.86e+05	1.57e+04	1.8e+01
8	PCB-6	2.96e+06	1.23e+03	2.4e+03	1.88e+06	1.57e+04	1.2e+02
9	PCB-5	3.11e+05	1.23e+03	2.5e+02	1.90e+05	1.57e+04	1.2e+01
10	PCB-8	8.75e+06	1.23e+03	7.1e+03	5.43e+06	1.57e+04	3.5e+02
11	PCB-14	*	1.23e+03	*	*	1.57e+04	*
12	PCB-11	4.67e+06	1.23e+03	3.8e+03	2.95e+06	1.57e+04	1.9e+02
13	PCB-12/13	1.88e+06	1.23e+03	1.5e+03	1.17e+06	1.57e+04	7.5e+01
14	PCB-15	6.66e+06	1.23e+03	5.4e+03	4.14e+06	1.57e+04	2.6e+02
15	PCB-19	3.19e+05	2.20e+03	1.5e+02	3.13e+05	1.82e+03	1.7e+02
16	PCB-18/30	5.36e+06	2.20e+03	2.4e+03	5.11e+06	1.82e+03	2.8e+03
17	PCB-17	1.79e+06	2.20e+03	8.1e+02	1.74e+06	1.82e+03	9.6e+02
18	PCB-27	4.12e+05	2.20e+03	1.9e+02	4.10e+05	1.82e+03	2.3e+02
19	PCB-24	1.14e+05	2.20e+03	5.2e+01	1.05e+05	1.82e+03	5.8e+01
20	PCB-16	1.69e+06	2.20e+03	7.7e+02	1.61e+06	1.82e+03	8.8e+02
21	PCB-32	2.07e+06	2.20e+03	9.4e+02	2.03e+06	1.82e+03	1.1e+03
22	PCB-34	*	4.94e+03	*	*	5.29e+03	*
23	PCB-23	*	4.94e+03	*	*	5.29e+03	*
24	PCB-26/29	2.61e+06	4.94e+03	5.3e+02	2.46e+06	5.29e+03	4.6e+02
25	PCB-25	1.09e+06	4.94e+03	2.2e+02	9.88e+05	5.29e+03	1.9e+02
26	PCB-31	1.57e+07	4.94e+03	3.2e+03	1.46e+07	5.29e+03	2.7e+03
27	PCB-20/28	1.53e+07	4.94e+03	3.1e+03	1.44e+07	5.29e+03	2.7e+03
28	PCB-21/33	8.17e+06	4.94e+03	1.7e+03	7.71e+06	5.29e+03	1.5e+03
29	PCB-22	6.33e+06	4.94e+03	1.3e+03	5.87e+06	5.29e+03	1.1e+03
30	PCB-36	*	4.94e+03	*	*	5.29e+03	*
31	PCB-39	*	4.94e+03	*	*	5.29e+03	*
32	PCB-38	*	4.94e+03	*	*	5.29e+03	*
33	PCB-35	6.36e+05	4.94e+03	1.3e+02	5.39e+05	5.29e+03	1.0e+02
34	PCB-37	6.94e+06	4.94e+03	1.4e+03	6.40e+06	5.29e+03	1.2e+03
35	PCB-54	9.35e+03	1.14e+03	8.2e+00	1.21e+04	1.31e+03	9.3e+00
36	PCB-50/53	7.32e+05	1.06e+03	6.9e+02	9.30e+05	1.32e+03	7.1e+02
37	PCB-45/51	6.80e+05	1.06e+03	6.4e+02	8.85e+05	1.32e+03	6.7e+02
38	PCB-46	2.86e+05	1.06e+03	2.7e+02	3.62e+05	1.32e+03	2.7e+02
39	PCB-52	6.60e+06	1.06e+03	6.2e+03	8.45e+06	1.32e+03	6.4e+03
40	PCB-43/73	2.03e+05	1.06e+03	1.9e+02	2.67e+05	1.32e+03	2.0e+02
41	PCB-49/69	3.88e+06	1.06e+03	3.6e+03	5.02e+06	1.32e+03	3.8e+03
42	PCB-48	1.38e+06	1.06e+03	1.3e+03	1.79e+06	1.32e+03	1.4e+03
43	PCB-44/47/65	5.94e+06	1.06e+03	5.6e+03	7.60e+06	1.32e+03	5.8e+03
44	PCB-59/62/75	6.92e+05	1.06e+03	6.5e+02	8.87e+05	1.32e+03	6.7e+02
45	PCB-42	1.53e+06	1.06e+03	1.4e+03	1.97e+06	1.32e+03	1.5e+03
46	PCB-40/41/71	3.27e+06	1.06e+03	3.1e+03	4.15e+06	1.32e+03	3.2e+03
47	PCB-64	4.08e+06	1.06e+03	3.8e+03	5.14e+06	1.32e+03	3.9e+03

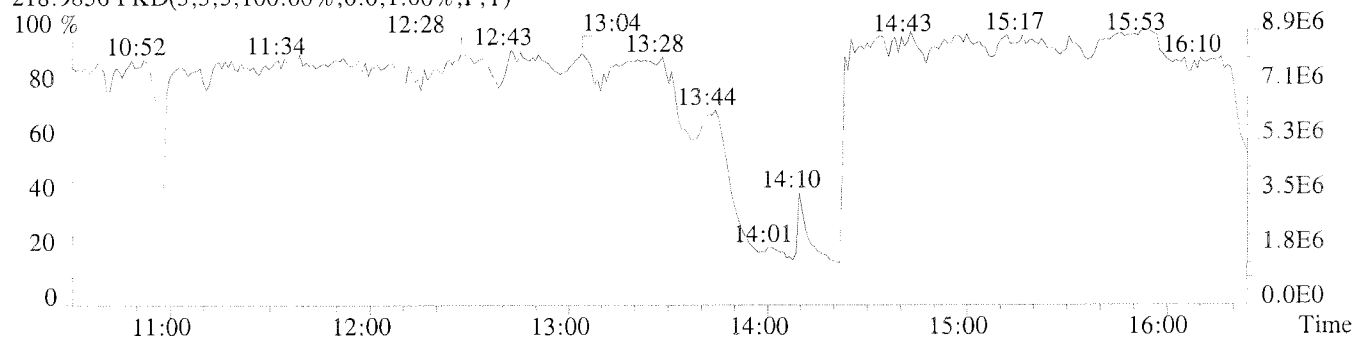
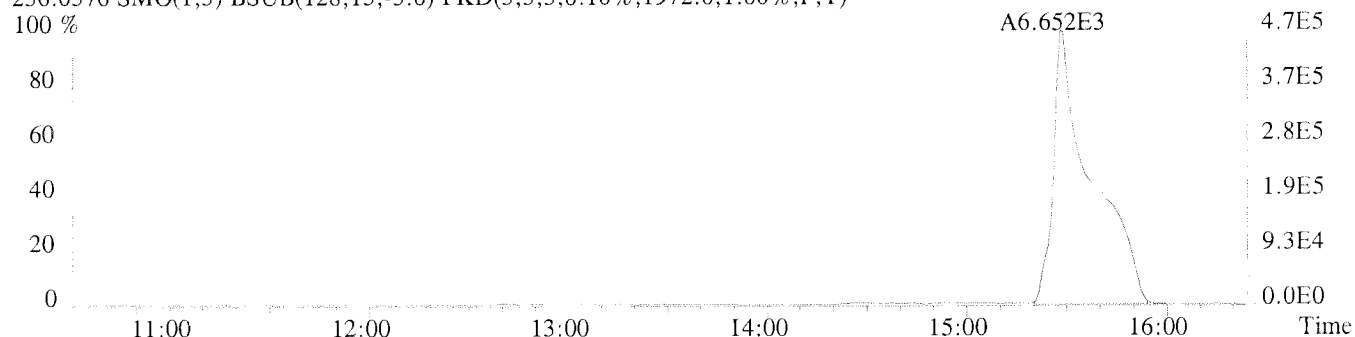
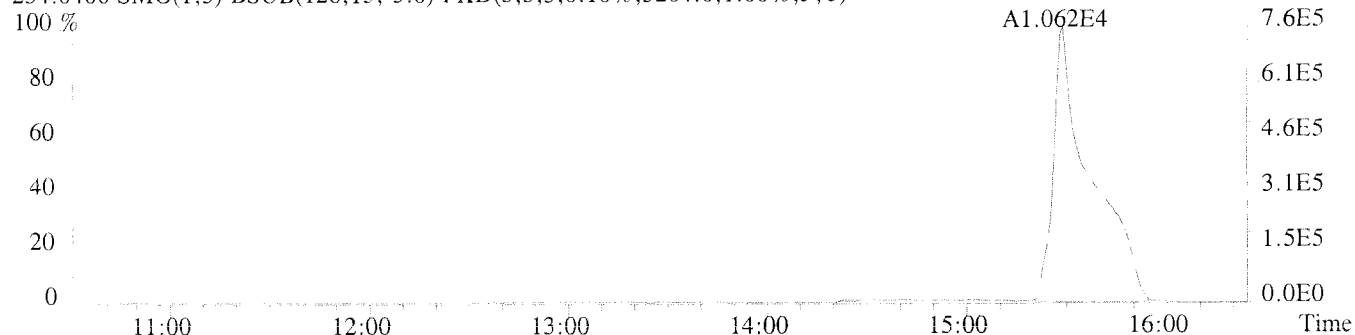
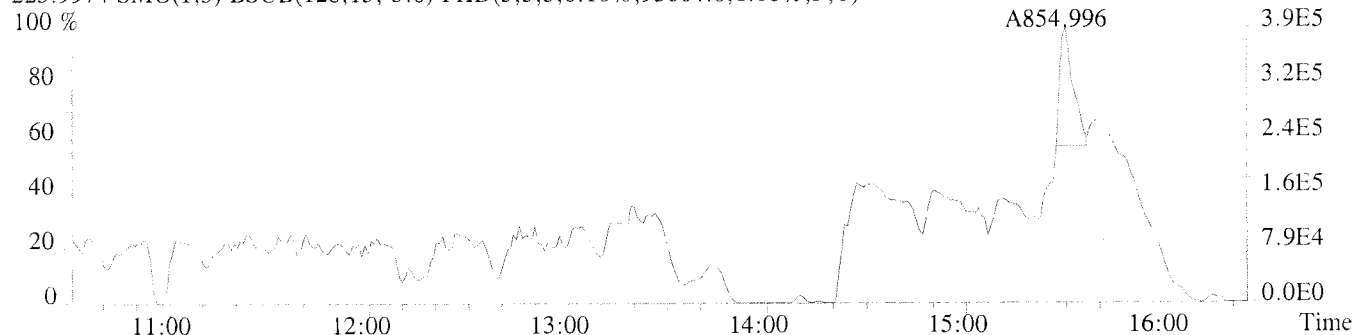
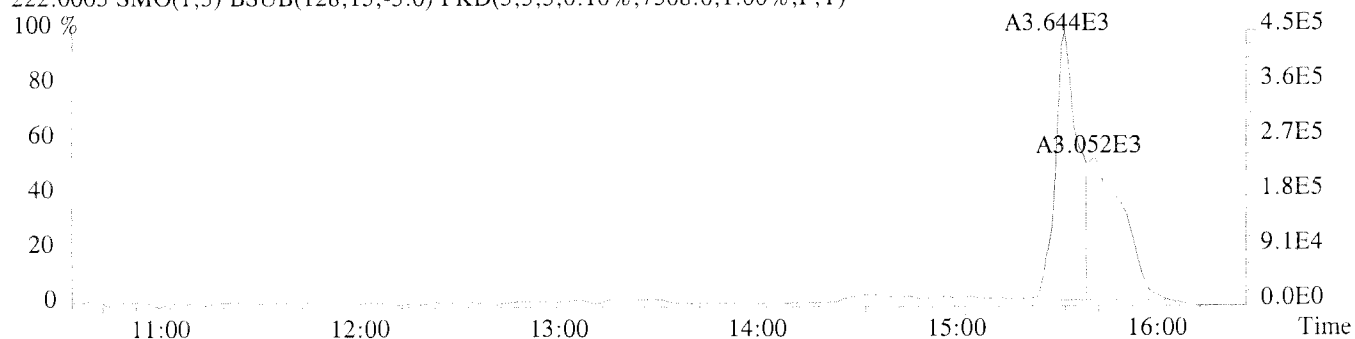
48	PCB-72	6.52e+04	1.06e+03	6.1e+01	1.00e+05	1.32e+03	7.6e+01
49	PCB-68	*	1.06e+03	*	*	1.32e+03	*
50	PCB-57	3.67e+04	1.06e+03	3.5e+01	5.76e+04	1.32e+03	4.4e+01
51	PCB-58	*	1.06e+03	*	*	1.32e+03	*
52	PCB-67	3.10e+05	1.06e+03	2.9e+02	4.18e+05	1.32e+03	3.2e+02
53	PCB-63	4.40e+05	1.06e+03	4.1e+02	5.78e+05	1.32e+03	4.4e+02
54	PCB-61/70/74/76	1.32e+07	1.06e+03	1.2e+04	1.68e+07	1.32e+03	1.3e+04
55	PCB-66	1.03e+07	1.06e+03	9.7e+03	1.31e+07	1.32e+03	1.0e+04
56	PCB-55	*	1.06e+03	*	*	1.32e+03	*
57	PCB-56	6.14e+06	1.36e+04	4.5e+02	7.75e+06	1.16e+04	6.7e+02
58	PCB-60	4.02e+06	1.36e+04	2.9e+02	5.10e+06	1.16e+04	4.4e+02
59	PCB-80	*	1.36e+04	*	*	1.16e+04	*
60	PCB-79	1.59e+05	1.36e+04	1.2e+01	2.09e+05	1.16e+04	1.8e+01
61	PCB-78	*	1.36e+04	*	*	1.16e+04	*
62	PCB-81	1.05e+05	1.36e+04	7.7e+00	1.16e+05	1.16e+04	1.0e+01
63	PCB-77	2.15e+06	1.36e+04	1.6e+02	2.65e+06	1.16e+04	2.3e+02
64	PCB-104	*	1.30e+03	*	*	1.16e+03	*
65	PCB-96	8.42e+04	1.30e+03	6.5e+01	5.01e+04	1.16e+03	4.3e+01
66	PCB-103	4.89e+04	1.30e+03	3.8e+01	3.40e+04	1.16e+03	2.9e+01
67	PCB-94	4.00e+04	1.30e+03	3.1e+01	2.36e+04	1.16e+03	2.0e+01
68	PCB-95	5.50e+06	1.30e+03	4.2e+03	3.59e+06	1.16e+03	3.1e+03
69	PCB-93/100	6.52e+04	1.30e+03	5.0e+01	4.53e+04	1.16e+03	3.9e+01
70	PCB-98/102	2.59e+05	1.30e+03	2.0e+02	1.61e+05	1.16e+03	1.4e+02
71	PCB-88/91	7.88e+05	1.30e+03	6.1e+02	5.06e+05	1.16e+03	4.4e+02
72	PCB-84	1.46e+06	1.30e+03	1.1e+03	9.00e+05	1.16e+03	7.7e+02
73	PCB-89	1.20e+05	1.30e+03	9.3e+01	7.49e+04	1.16e+03	6.4e+01
74	PCB-121	*	1.95e+03	*	*	2.62e+03	*
75	PCB-92	1.39e+06	1.95e+03	7.1e+02	8.90e+05	2.62e+03	3.4e+02
76	PCB-90/101/113	1.13e+07	1.95e+03	5.8e+03	7.25e+06	2.62e+03	2.8e+03
77	PCB-83/99	3.38e+06	1.95e+03	1.7e+03	2.16e+06	2.62e+03	8.2e+02
78	PCB-112	*	1.95e+03	*	*	2.62e+03	*
79	CB-86/87/97/109/119/125	3.77e+06	1.95e+03	1.9e+03	2.43e+06	2.62e+03	9.2e+02
80	PCB-117	3.14e+05	1.95e+03	1.6e+02	2.04e+05	2.62e+03	7.8e+01
81	PCB-85/116	1.71e+06	1.95e+03	8.8e+02	1.12e+06	2.62e+03	4.3e+02
82	PCB-110/115	1.27e+07	1.95e+03	6.5e+03	8.00e+06	2.62e+03	3.0e+03
83	PCB-82	1.09e+06	1.95e+03	5.6e+02	6.90e+05	2.62e+03	2.6e+02
84	PCB-111	*	1.95e+03	*	*	2.62e+03	*
85	PCB-120	8.28e+04	1.95e+03	4.2e+01	5.27e+04	2.62e+03	2.0e+01
86	PCB-108/124	6.96e+05	3.18e+04	2.2e+01	4.41e+05	1.98e+04	2.2e+01
87	PCB-107	1.28e+06	3.18e+04	4.0e+01	8.25e+05	1.98e+04	4.2e+01
88	PCB-123	3.84e+05	3.18e+04	1.2e+01	2.18e+05	1.98e+04	1.1e+01
89	PCB-106	*	3.18e+04	*	*	1.98e+04	*
90	PCB-118	1.48e+07	3.18e+04	4.6e+02	9.62e+06	1.98e+04	4.9e+02
91	PCB-122	2.37e+05	3.18e+04	7.4e+00	1.50e+05	1.98e+04	7.6e+00
92	PCB-114	5.18e+05	3.18e+04	1.6e+01	3.48e+05	1.98e+04	1.8e+01
93	PCB-105	8.07e+06	3.18e+04	2.5e+02	5.13e+06	1.98e+04	2.6e+02
94	PCB-127	*	3.18e+04	*	*	1.98e+04	*
95	PCB-126	3.29e+05	3.18e+04	1.0e+01	2.07e+05	1.98e+04	1.0e+01
96	PCB-155	*	2.29e+03	*	*	1.72e+03	*
97	PCB-152	1.49e+04	2.29e+03	6.5e+00	1.42e+04	1.72e+03	8.2e+00
98	PCB-150	5.82e+04	2.29e+03	2.5e+01	4.20e+04	1.72e+03	2.4e+01
99	PCB-136	2.71e+06	2.29e+03	1.2e+03	2.12e+06	1.72e+03	1.2e+03
100	PCB-145	*	2.29e+03	*	*	1.72e+03	*
101	PCB-148	1.65e+04	2.29e+03	7.2e+00	1.03e+04	1.72e+03	6.0e+00
102	PCB-135/151	5.38e+06	2.29e+03	2.3e+03	4.26e+06	1.72e+03	2.5e+03
103	PCB-154	1.83e+05	2.29e+03	8.0e+01	1.42e+05	1.72e+03	8.2e+01
104	PCB-144	1.11e+06	2.29e+03	4.8e+02	8.73e+05	1.72e+03	5.1e+02

105	PCB-147/149	1.86e+07	4.80e+03	3.9e+03	1.50e+07	6.16e+03	2.4e+03
106	PCB-134	7.55e+05	4.80e+03	1.6e+02	6.11e+05	6.16e+03	9.9e+01
107	PCB-143	*	4.80e+03	*	*	6.16e+03	*
108	PCB-139/140	1.52e+05	4.80e+03	3.2e+01	1.19e+05	6.16e+03	1.9e+01
109	PCB-131	1.35e+05	4.80e+03	2.8e+01	1.13e+05	6.16e+03	1.8e+01
110	PCB-142	*	4.80e+03	*	*	6.16e+03	*
111	PCB-132	5.71e+06	4.80e+03	1.2e+03	4.59e+06	6.16e+03	7.4e+02
112	PCB-133	2.67e+05	4.80e+03	5.6e+01	2.27e+05	6.16e+03	3.7e+01
113	PCB-165	*	4.80e+03	*	*	6.16e+03	*
114	PCB-146	3.81e+06	4.80e+03	7.9e+02	2.98e+06	6.16e+03	4.8e+02
115	PCB-161	*	4.80e+03	*	*	6.16e+03	*
116	PCB-153/168	2.89e+07	4.80e+03	6.0e+03	2.30e+07	6.16e+03	3.7e+03
117	PCB-141	5.72e+06	4.80e+03	1.2e+03	4.54e+06	6.16e+03	7.4e+02
118	PCB-130	9.36e+05	4.80e+03	1.9e+02	7.40e+05	6.16e+03	1.2e+02
119	PCB-137	3.70e+05	4.80e+03	7.7e+01	3.08e+05	6.16e+03	5.0e+01
120	PCB-164	2.30e+06	4.80e+03	4.8e+02	1.84e+06	6.16e+03	3.0e+02
121	PCB-129/138/163	2.58e+07	4.80e+03	5.4e+03	2.05e+07	6.16e+03	3.3e+03
122	PCB-160	*	4.80e+03	*	*	6.16e+03	*
123	PCB-158	3.36e+06	4.80e+03	7.0e+02	2.68e+06	6.16e+03	4.3e+02
124	PCB-128/166	2.34e+06	4.80e+03	4.9e+02	1.89e+06	6.16e+03	3.1e+02
125	PCB-159	6.84e+05	4.38e+03	1.6e+02	5.19e+05	2.87e+03	1.8e+02
126	PCB-162	1.67e+05	4.38e+03	3.8e+01	1.29e+05	2.87e+03	4.5e+01
127	PCB-167	1.57e+06	4.38e+03	3.6e+02	1.25e+06	2.87e+03	4.3e+02
128	PCB-156/157	3.49e+06	4.38e+03	8.0e+02	2.73e+06	2.87e+03	9.5e+02
129	PCB-169	8.20e+04	4.38e+03	1.9e+01	5.51e+04	2.87e+03	1.9e+01
130	PCB-188	2.55e+04	1.96e+03	1.3e+01	2.50e+04	7.40e+02	3.4e+01
131	PCB-179	4.03e+06	1.96e+03	2.1e+03	3.90e+06	7.40e+02	5.3e+03
132	PCB-184	*	1.96e+03	*	*	7.40e+02	*
133	PCB-176	1.26e+06	1.96e+03	6.4e+02	1.22e+06	7.40e+02	1.7e+03
134	PCB-186	*	1.96e+03	*	*	7.40e+02	*
135	PCB-178	1.75e+06	1.96e+03	8.9e+02	1.64e+06	7.40e+02	2.2e+03
136	PCB-175	4.03e+05	1.96e+03	2.1e+02	4.13e+05	7.40e+02	5.6e+02
137	PCB-187	1.16e+07	1.96e+03	6.0e+03	1.09e+07	7.40e+02	1.5e+04
138	PCB-182	4.97e+04	1.96e+03	2.5e+01	5.70e+04	7.40e+02	7.7e+01
139	PCB-183	6.86e+06	6.70e+03	1.0e+03	6.76e+06	5.64e+03	1.2e+03
140	PCB-185	1.45e+06	6.70e+03	2.2e+02	1.42e+06	5.64e+03	2.5e+02
141	PCB-174	1.07e+07	6.70e+03	1.6e+03	1.06e+07	5.64e+03	1.9e+03
142	PCB-177	6.44e+06	6.70e+03	9.6e+02	6.30e+06	5.64e+03	1.1e+03
143	PCB-181	*	6.70e+03	*	*	5.64e+03	*
144	PCB-171/173	3.03e+06	6.70e+03	4.5e+02	3.02e+06	5.64e+03	5.4e+02
145	PCB-172	2.05e+06	6.70e+03	3.1e+02	2.02e+06	5.64e+03	3.6e+02
146	PCB-192	*	6.70e+03	*	*	5.64e+03	*
147	PCB-180/193	3.18e+07	6.70e+03	4.7e+03	3.13e+07	5.64e+03	5.6e+03
148	PCB-191	6.90e+05	6.70e+03	1.0e+02	6.76e+05	5.64e+03	1.2e+02
149	PCB-170	1.11e+07	6.70e+03	1.7e+03	1.11e+07	5.64e+03	2.0e+03
150	PCB-190	3.40e+06	6.70e+03	5.1e+02	3.40e+06	5.64e+03	6.0e+02
151	PCB-189	5.50e+05	6.70e+03	8.2e+01	5.40e+05	5.64e+03	9.6e+01
152	PCB-202	8.15e+05	1.08e+03	7.5e+02	9.33e+05	9.52e+02	9.8e+02
153	PCB-201	6.99e+05	1.08e+03	6.5e+02	7.39e+05	9.52e+02	7.8e+02
154	PCB-204	*	1.08e+03	*	*	9.52e+02	*
155	PCB-197	2.12e+05	1.08e+03	2.0e+02	2.57e+05	9.52e+02	2.7e+02
156	PCB-200	7.23e+05	1.08e+03	6.7e+02	7.96e+05	9.52e+02	8.4e+02
157	PCB-198/199	4.80e+06	1.08e+03	4.4e+03	5.45e+06	9.52e+02	5.7e+03
158	PCB-196	2.59e+06	1.08e+03	2.4e+03	2.94e+06	9.52e+02	3.1e+03
159	PCB-203	3.10e+06	1.08e+03	2.9e+03	3.54e+06	9.52e+02	3.7e+03
160	PCB-195	2.01e+06	1.08e+03	1.9e+03	2.26e+06	9.52e+02	2.4e+03
161	PCB-194	5.30e+06	1.08e+03	4.9e+03	6.02e+06	9.52e+02	6.3e+03
162	PCB-205	3.53e+05	1.08e+03	3.3e+02	3.94e+05	9.52e+02	4.1e+02

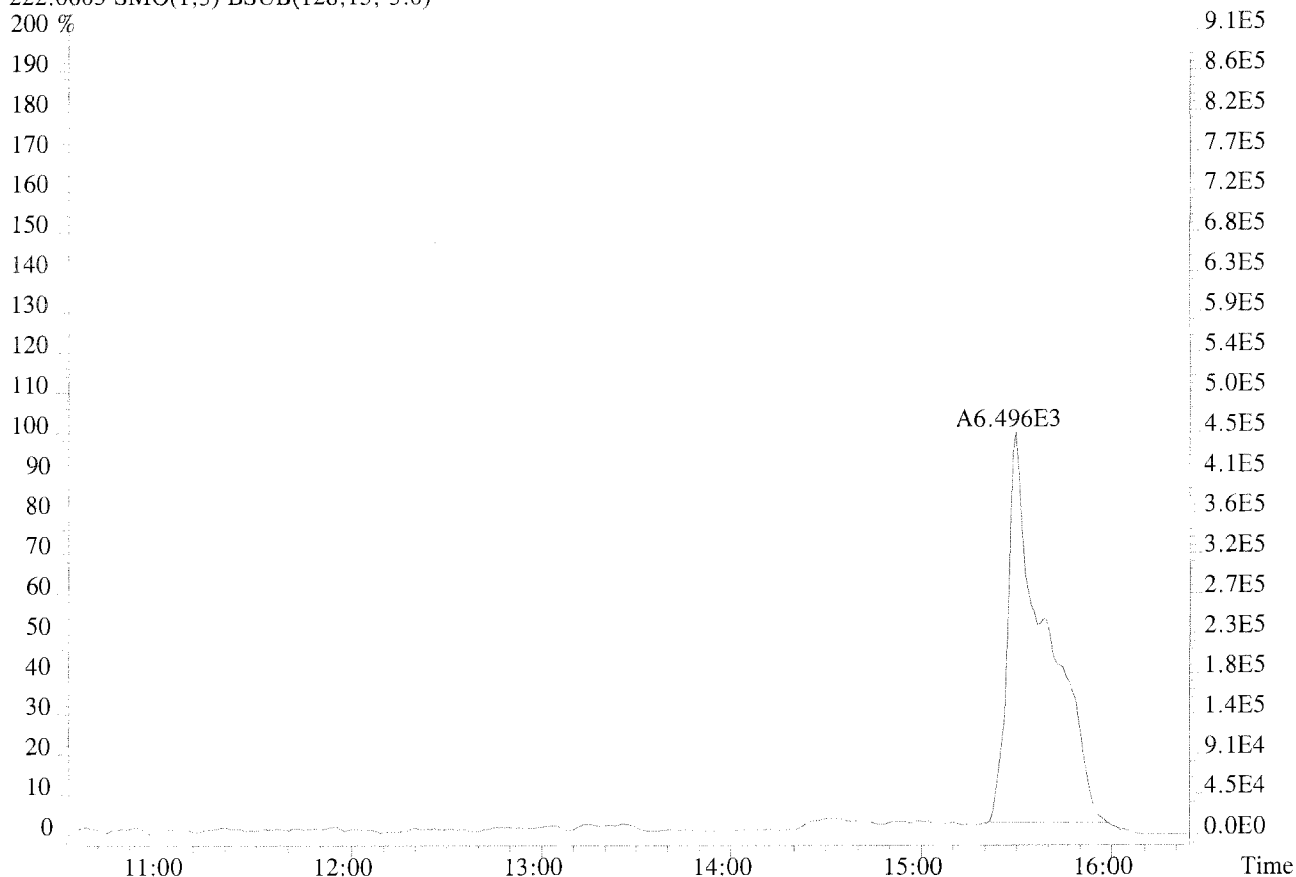
163	PCB-208	1.87e+05	7.84e+02	2.4e+02	2.41e+05	8.16e+02	2.9e+02
164	PCB-207	1.56e+05	7.84e+02	2.0e+02	1.97e+05	8.16e+02	2.4e+02
165	PCB-206	1.45e+06	1.15e+03	1.3e+03	1.87e+06	9.32e+02	2.0e+03
166	PCB-209	6.12e+05	8.60e+02	7.1e+02	5.08e+05	7.04e+02	7.2e+02
167	PCB-11L	3.48e+06	1.88e+03	1.9e+03	1.12e+06	2.11e+04	5.3e+01
168	PCB-3L	2.94e+06	1.88e+03	1.6e+03	9.38e+05	2.11e+04	4.4e+01
169	PCB-4L	7.62e+05	3.20e+03	2.4e+02	4.66e+05	1.97e+03	2.4e+02
170	PCB-15L	4.58e+06	4.30e+03	1.1e+03	2.90e+06	1.77e+03	1.6e+03
171	PCB-19L	1.75e+06	5.83e+04	3.0e+01	1.64e+06	1.05e+05	1.6e+01
172	PCB-37L	3.24e+06	1.08e+04	3.0e+02	3.03e+06	1.99e+04	1.5e+02
173	PCB-54L	1.67e+06	3.80e+03	4.4e+02	2.08e+06	1.50e+03	1.4e+03
174	PCB-81L	1.94e+06	3.15e+03	6.2e+02	2.48e+06	1.34e+03	1.9e+03
175	PCB-77L	1.94e+06	3.15e+03	6.2e+02	2.45e+06	1.34e+03	1.8e+03
176	PCB-104L	2.19e+06	1.42e+03	1.5e+03	1.40e+06	1.23e+03	1.1e+03
177	PCB-123L	2.65e+06	3.92e+03	6.8e+02	1.67e+06	3.00e+03	5.6e+02
178	PCB-118L	2.76e+06	3.92e+03	7.0e+02	1.71e+06	3.00e+03	5.7e+02
179	PCB-114L	2.86e+06	3.92e+03	7.3e+02	1.75e+06	3.00e+03	5.8e+02
180	PCB-105L	2.58e+06	3.92e+03	6.6e+02	1.62e+06	3.00e+03	5.4e+02
181	PCB-126L	2.87e+06	3.92e+03	7.3e+02	1.83e+06	3.00e+03	6.1e+02
182	PCB-155L	2.13e+06	1.25e+03	1.7e+03	1.63e+06	1.70e+03	9.6e+02
183	PCB-167L	2.47e+06	1.83e+03	1.4e+03	1.95e+06	1.24e+03	1.6e+03
184	PCB-156/157L	3.66e+06	1.83e+03	2.0e+03	2.88e+06	1.24e+03	2.3e+03
185	PCB-169L	2.39e+06	1.83e+03	1.3e+03	1.86e+06	1.24e+03	1.5e+03
186	PCB-188L	1.66e+06	1.46e+03	1.1e+03	1.58e+06	1.16e+03	1.4e+03
187	PCB-189L	1.89e+06	1.06e+03	1.8e+03	1.80e+06	8.92e+02	2.0e+03
188	PCB-202L	1.42e+06	2.31e+03	6.1e+02	1.56e+06	1.24e+03	1.3e+03
189	PCB-205L	1.52e+06	2.31e+03	6.6e+02	1.66e+06	1.24e+03	1.3e+03
190	PCB-208L	1.19e+06	7.20e+02	1.6e+03	1.54e+06	6.28e+02	2.5e+03
191	PCB-206L	1.41e+06	8.80e+02	1.6e+03	1.77e+06	7.68e+02	2.3e+03
192	PCB-209L	1.72e+06	7.64e+02	2.3e+03	1.46e+06	6.64e+02	2.2e+03
193	PCB-28L	3.78e+06	1.08e+04	3.5e+02	3.59e+06	1.99e+04	1.8e+02
194	PCB-111L	2.12e+06	1.31e+03	1.6e+03	1.37e+06	1.72e+03	8.0e+02
195	PCB-178L	1.21e+06	1.46e+03	8.3e+02	1.12e+06	1.16e+03	9.7e+02
196	PCB-9L	8.91e+06	4.30e+03	2.1e+03	5.67e+06	1.77e+03	3.2e+03
197	PCB-52L	2.29e+06	2.51e+03	9.1e+02	2.84e+06	1.86e+03	1.5e+03
198	PCB-101L	2.57e+06	1.31e+03	2.0e+03	1.62e+06	1.72e+03	9.4e+02
199	PCB-138L	2.66e+06	1.49e+03	1.8e+03	2.02e+06	1.51e+03	1.3e+03
200	PCB-194L	1.57e+06	2.31e+03	6.8e+02	1.76e+06	1.24e+03	1.4e+03

File:U224757 #1-379 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008 USENE/W061
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2492.0,1.00%,F,T)

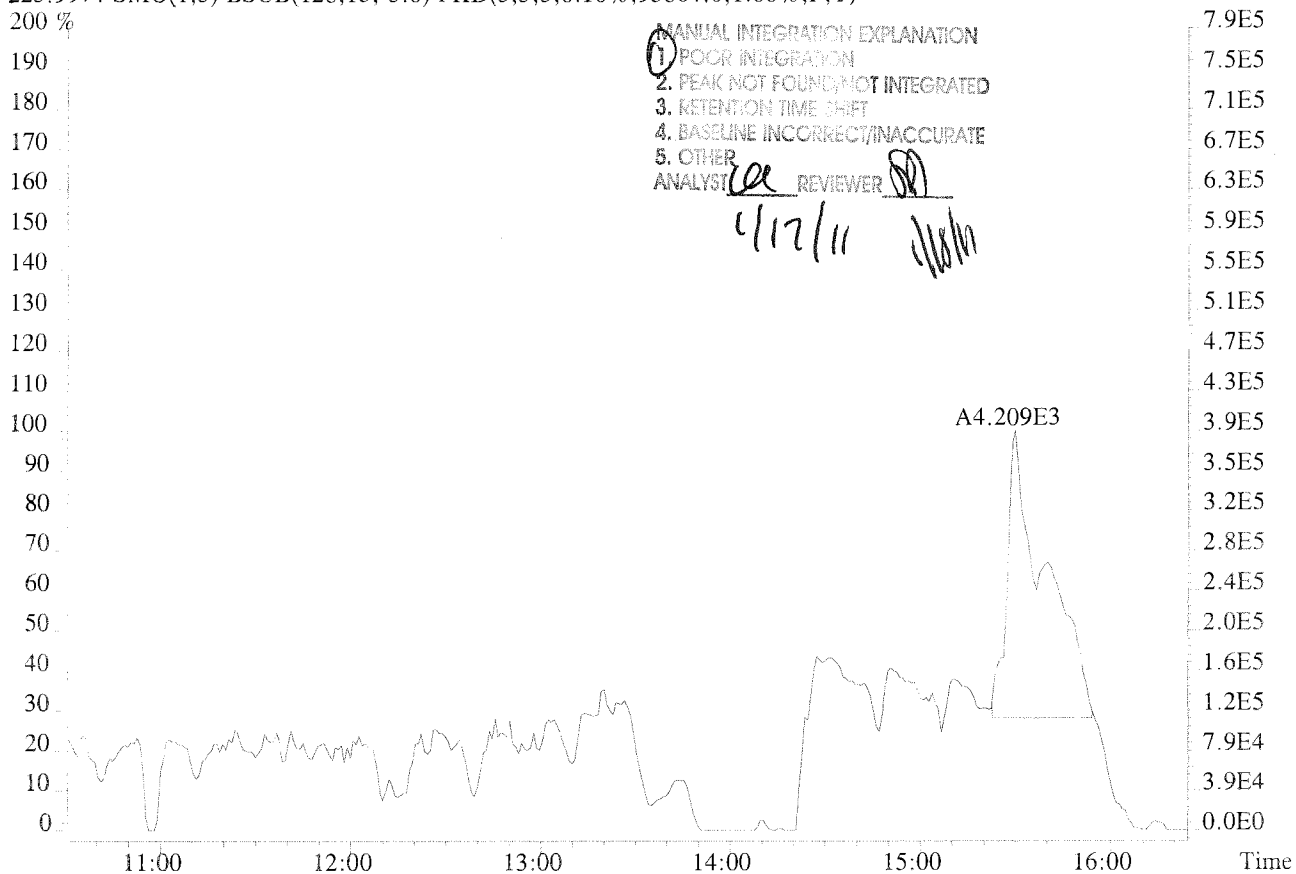




File:U224757 #1-379 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:K1013433-008 USENE/W061
222.0003 SMO(1,3) BSUB(128,15,-3.0)

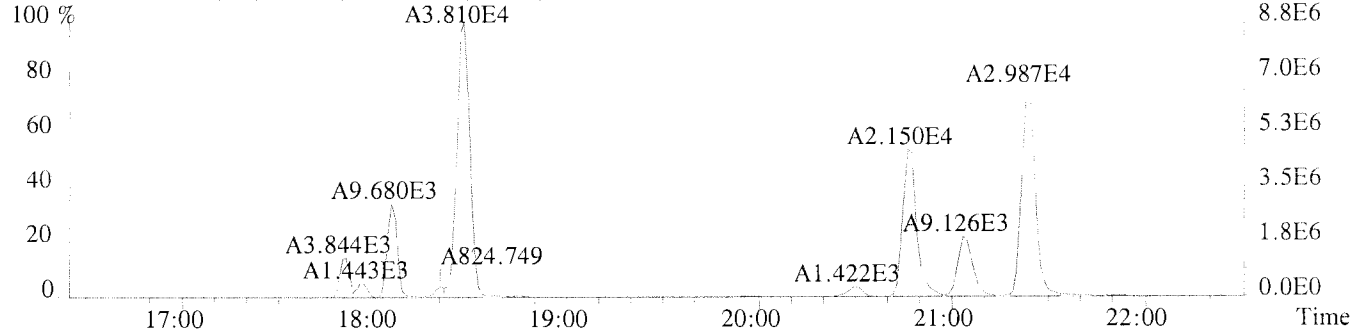


223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,95864.0,1.00%,F,T)

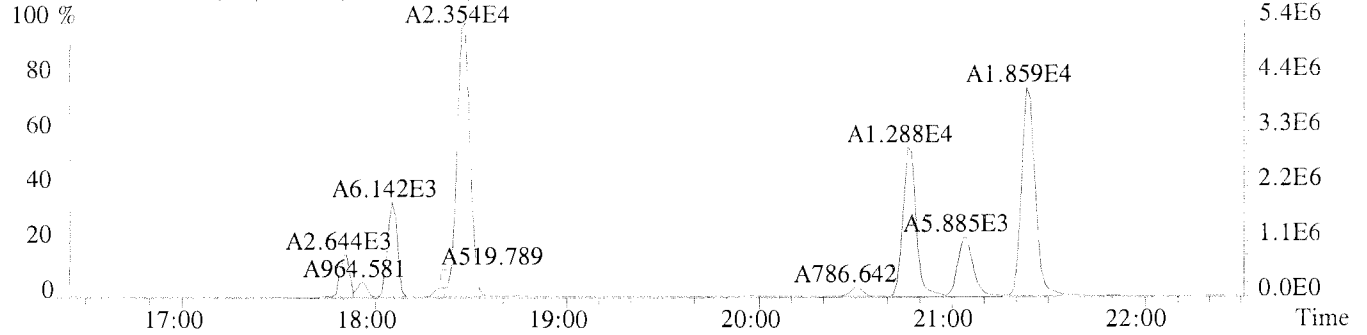


File:U224757 #1-337 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008 USENE/W061

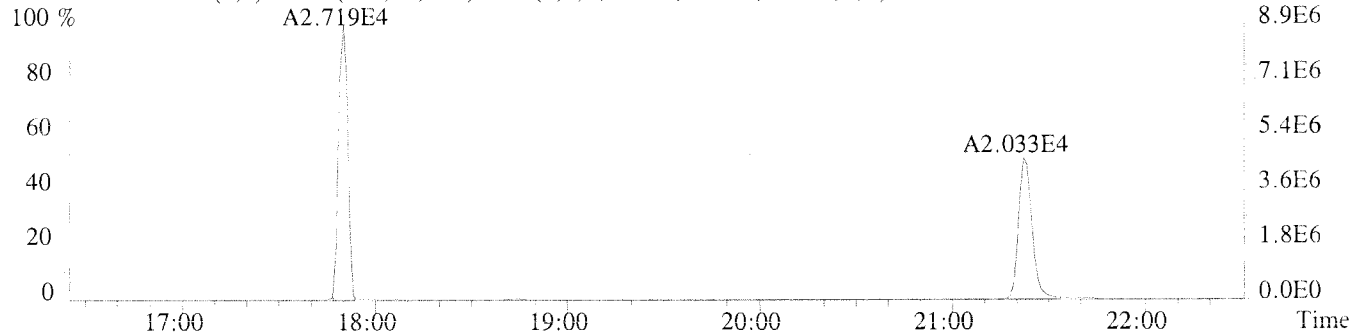
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1228.0,1.00%,F,T)



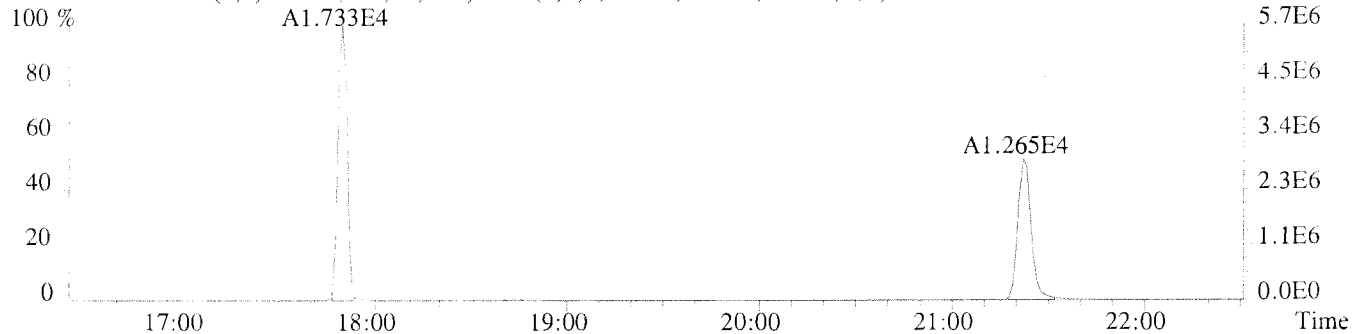
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15700.0,1.00%,F,T)



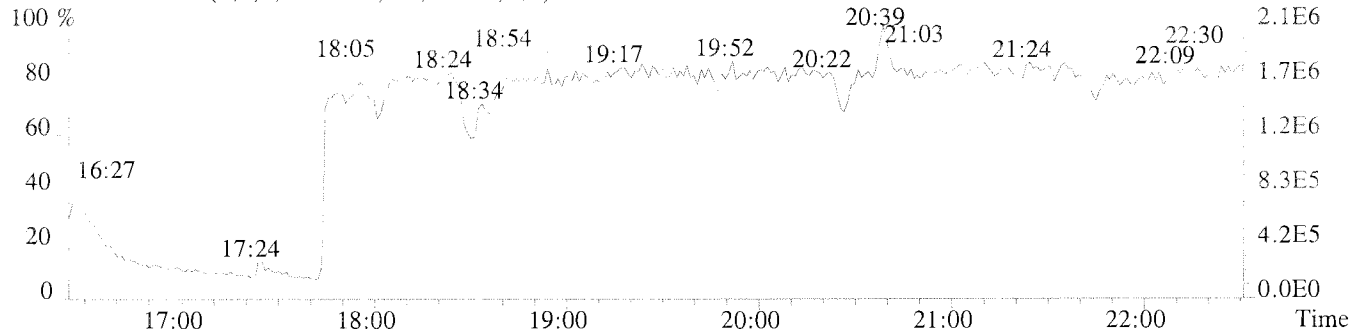
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4304.0,1.00%,F,T)



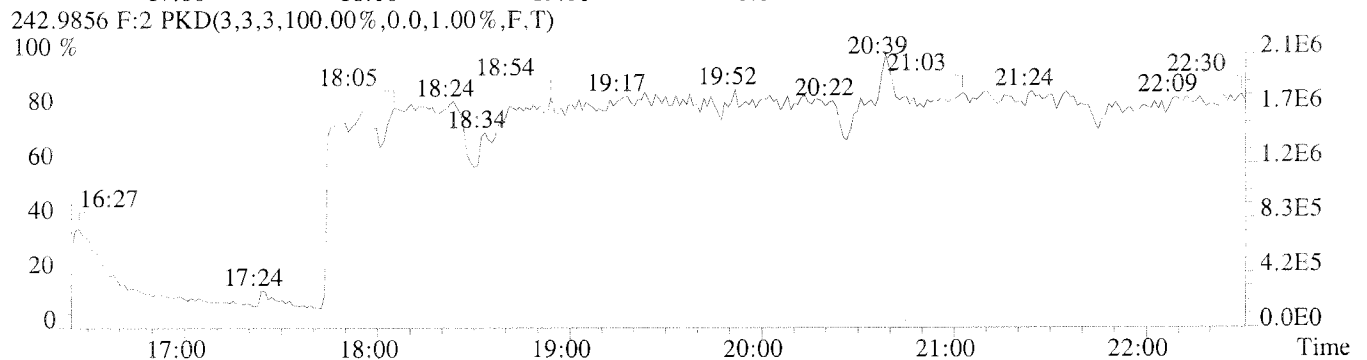
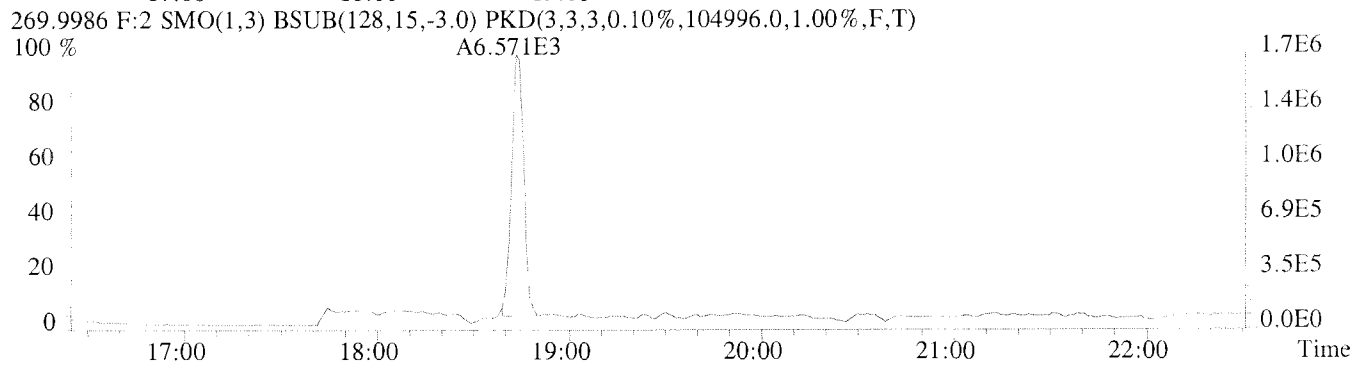
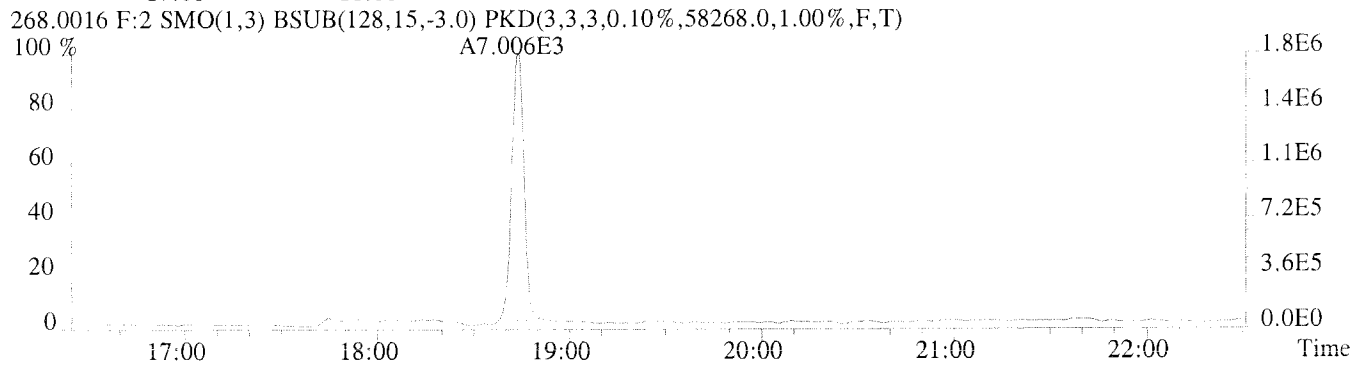
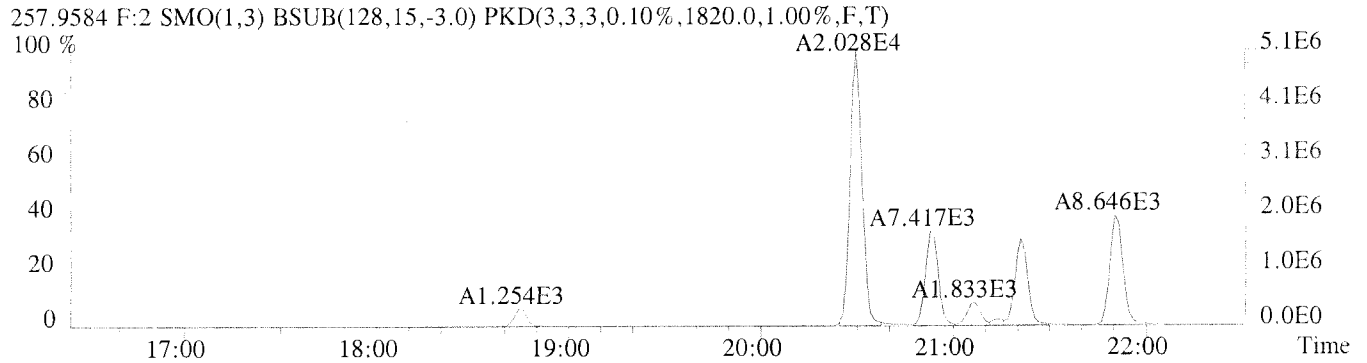
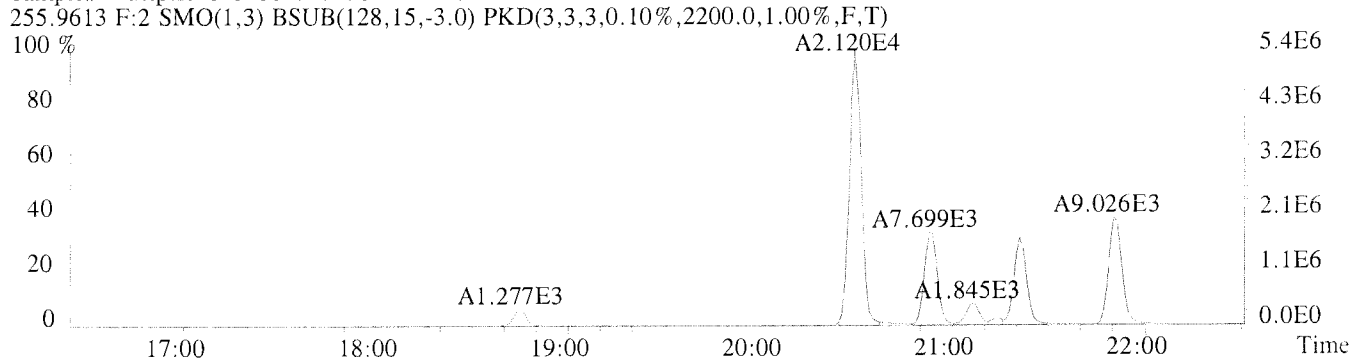
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1768.0,1.00%,F,T)



242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

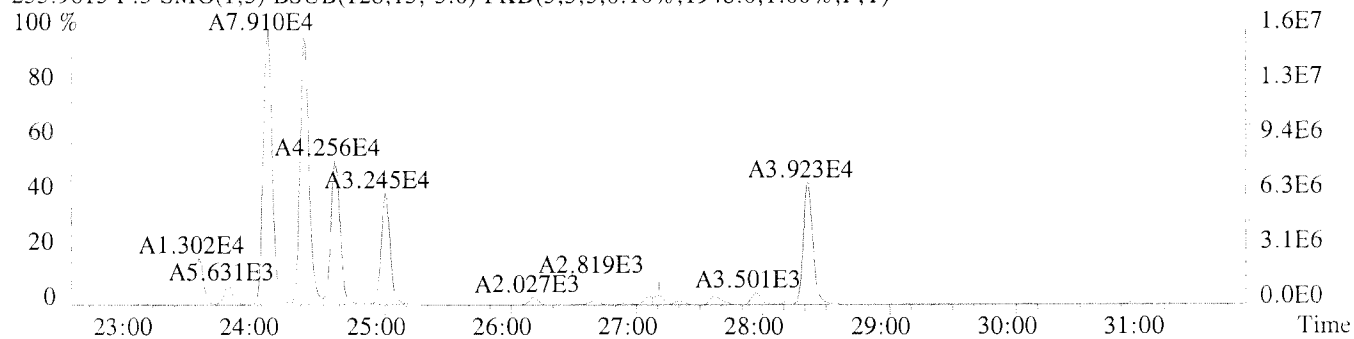


File:U224757 #1-337 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008 USENE/W061

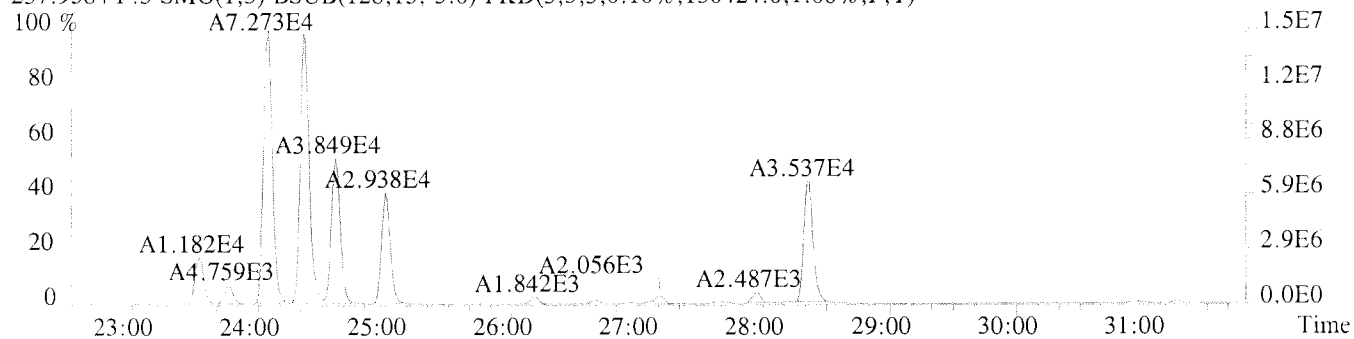


Sample#1 Exp:K1013433-008 USENE/W061

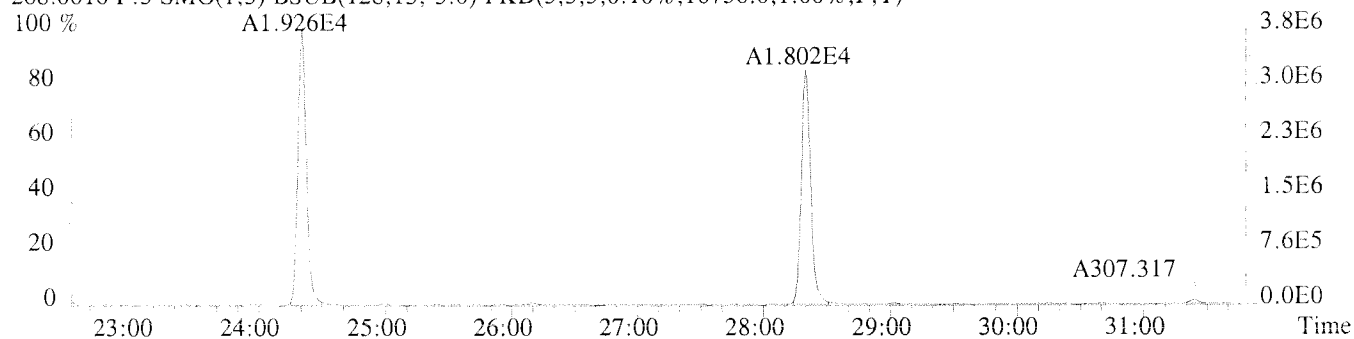
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1948.0,1.00%,F,T)



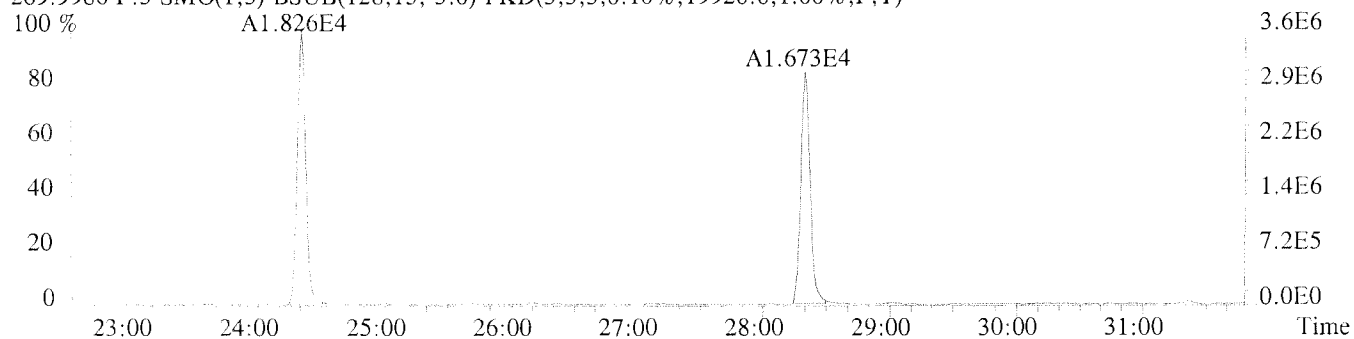
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,130424.0,1.00%,F,T)



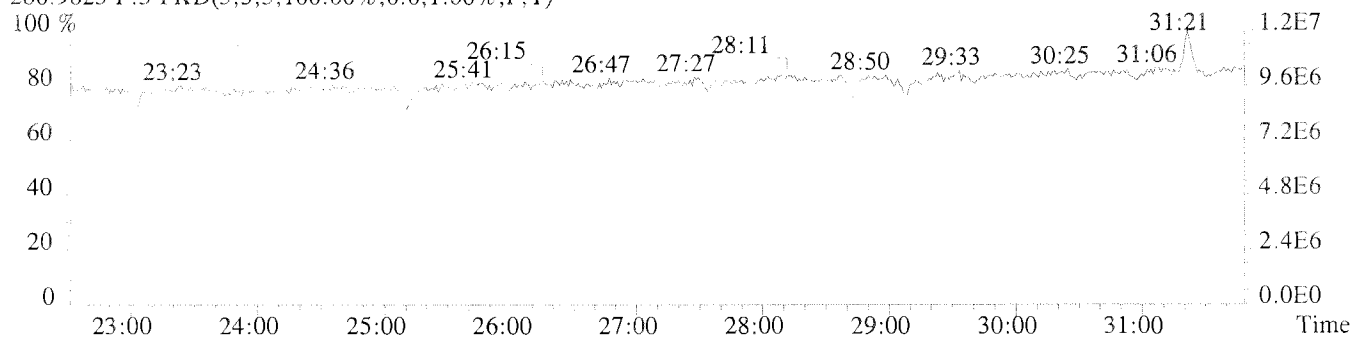
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10756.0,1.00%,F,T)



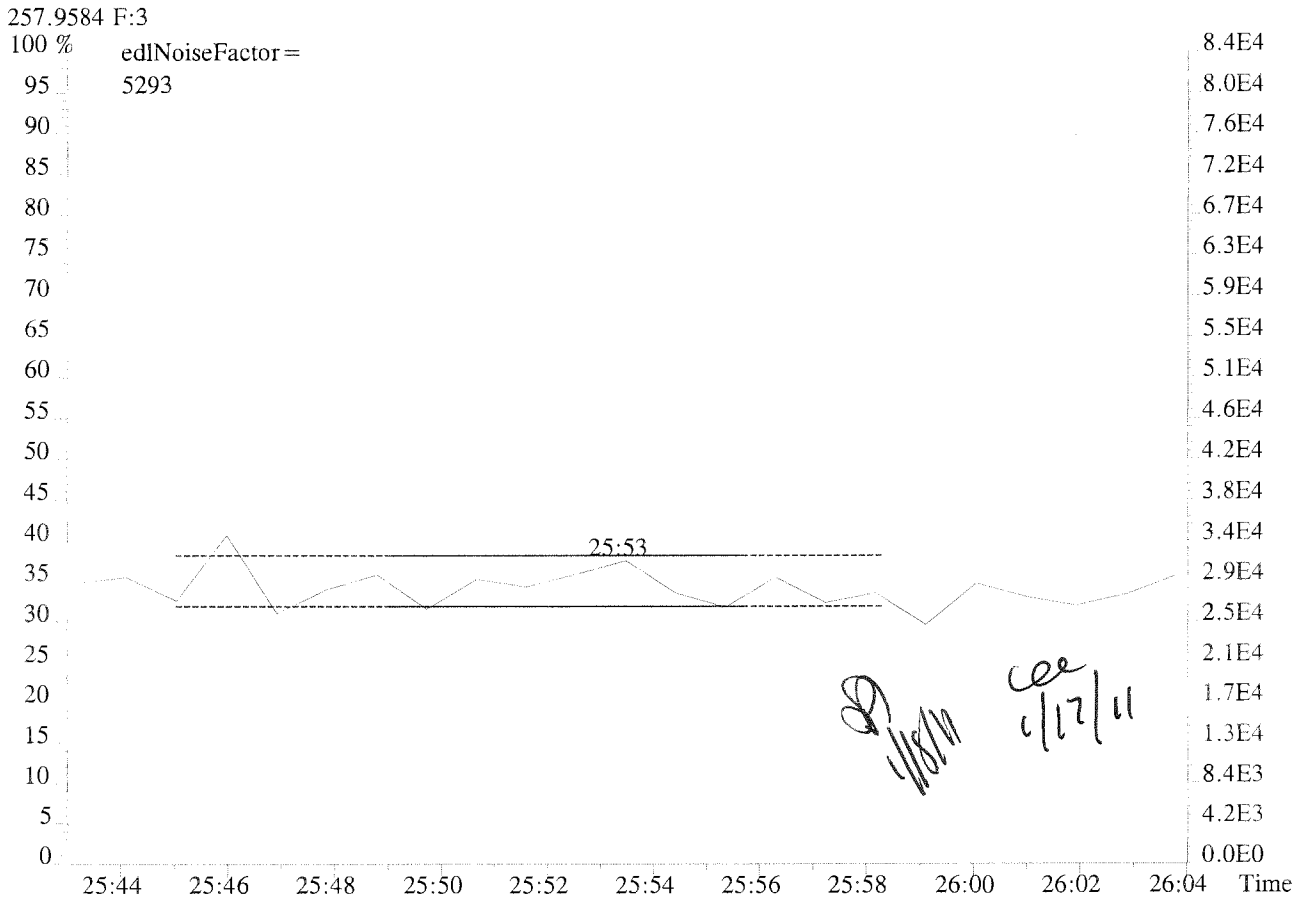
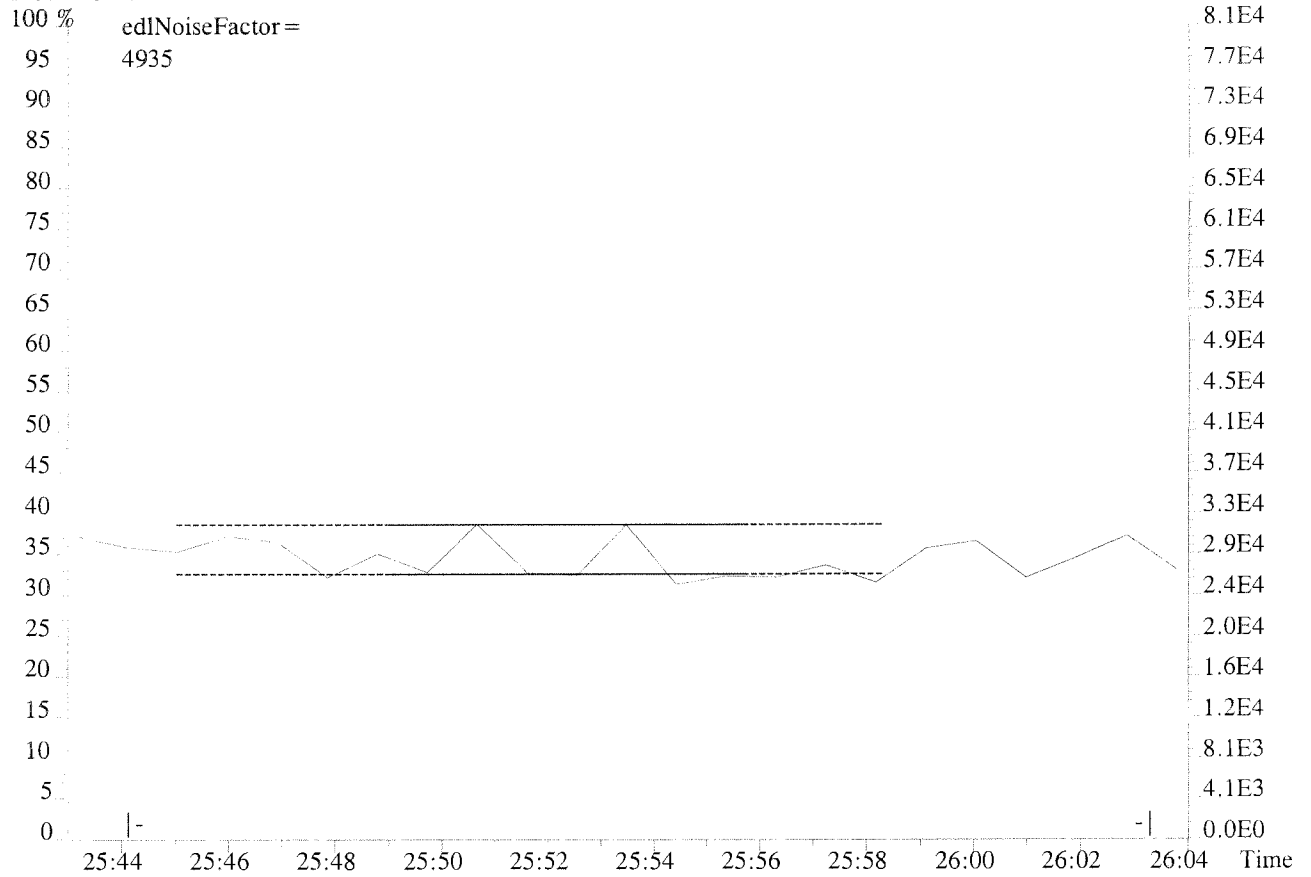
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,19920.0,1.00%,F,T)



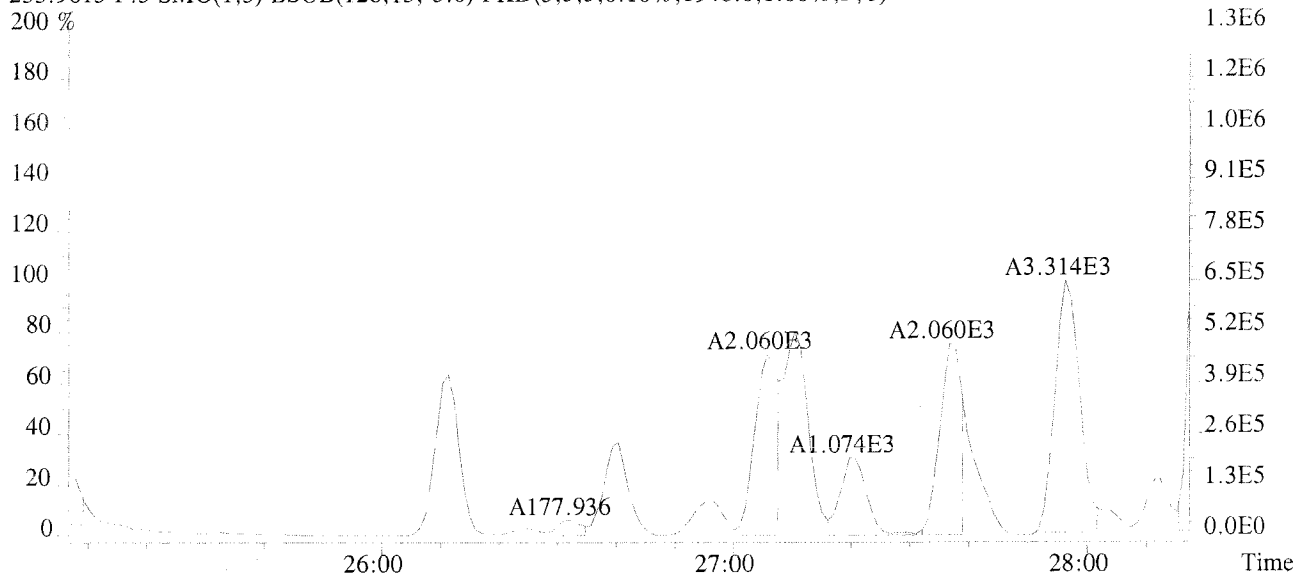
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



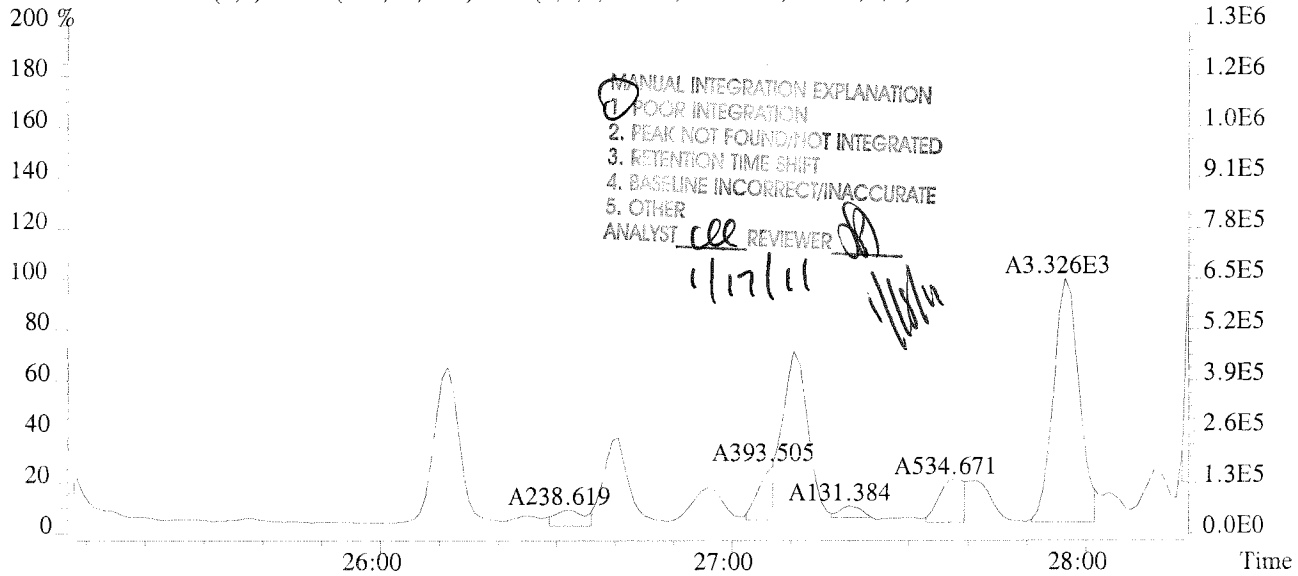
File:U224757 #1-594 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass s£
Sample#1 Exp:K1013433-008 USENE/W061
255.9613 F:3



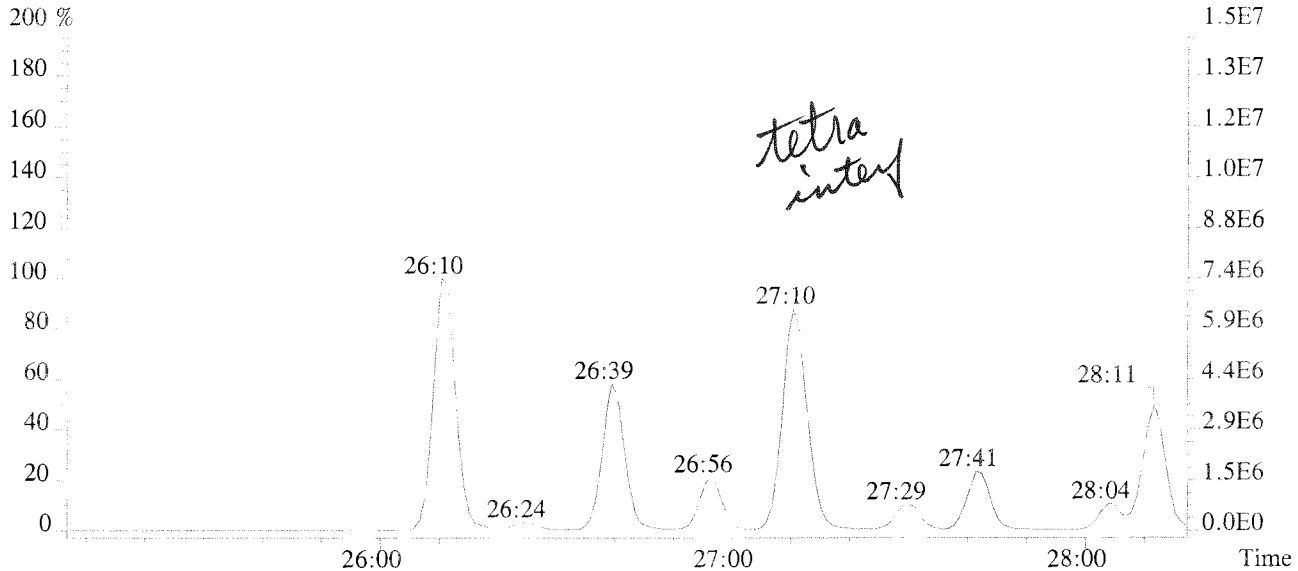
File:U224757 #1-594 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-008 USENE/W061
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1948.0,1.00%,F,T)



257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,130424.0,1.00%,F,T)

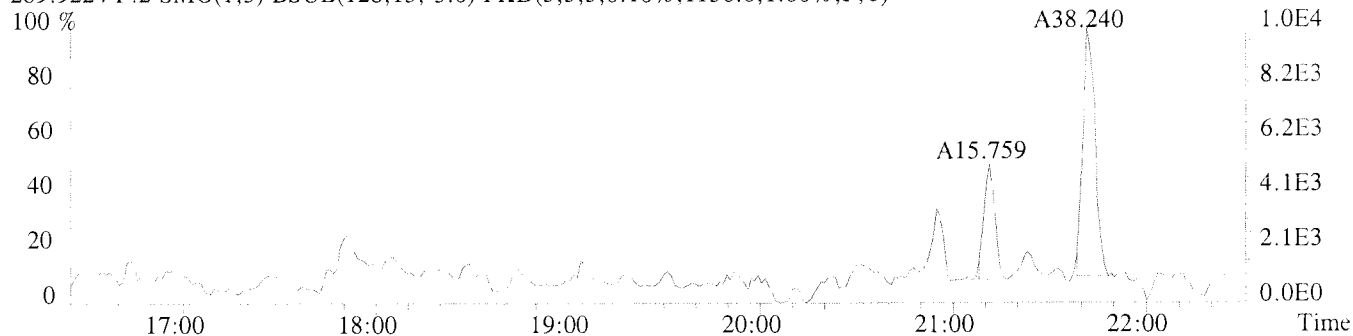


289.9224 F:3

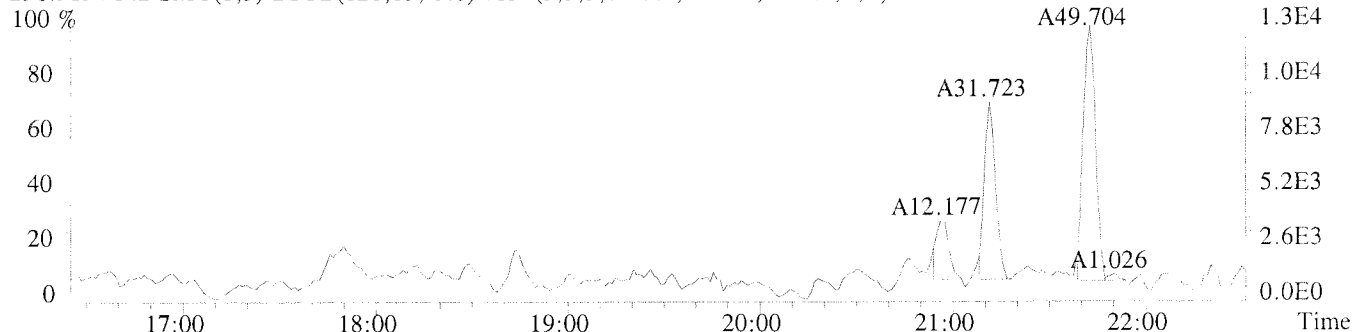


File:U224757 #1-337 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008 USENE/W061

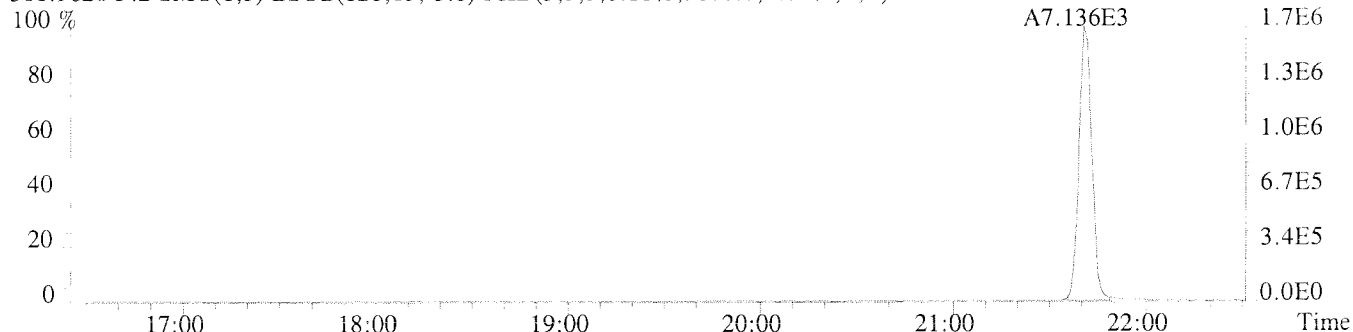
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1136.0,1.00%,F,T)



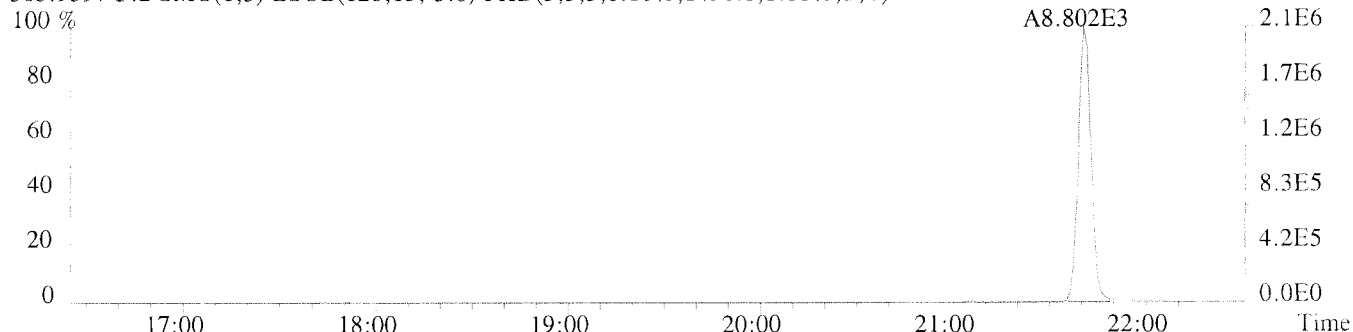
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1308.0,1.00%,F,T)



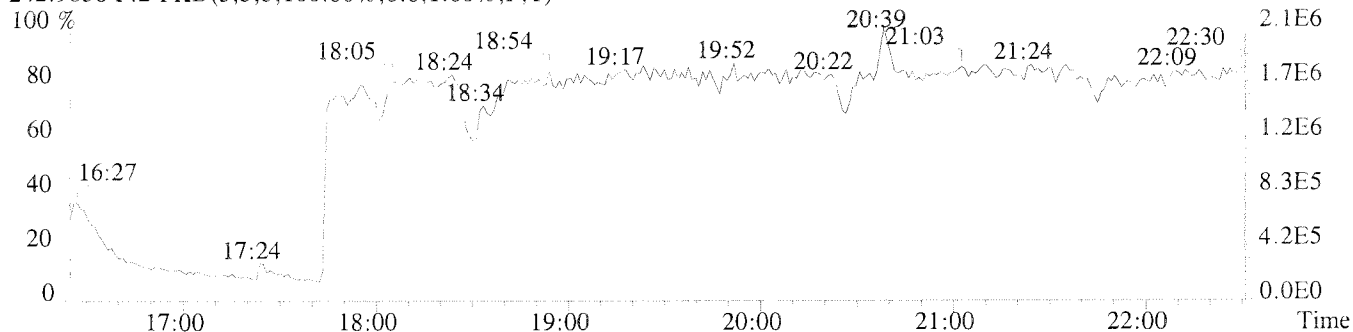
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3800.0,1.00%,F,T)



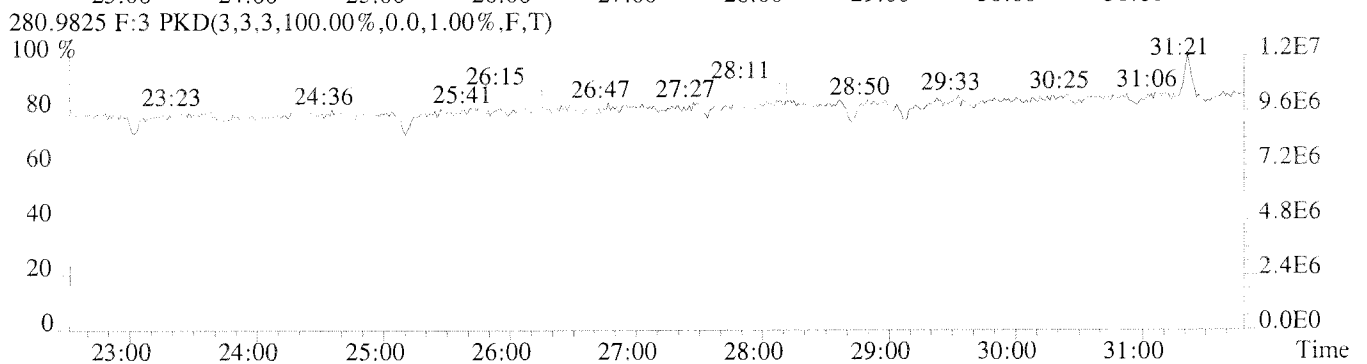
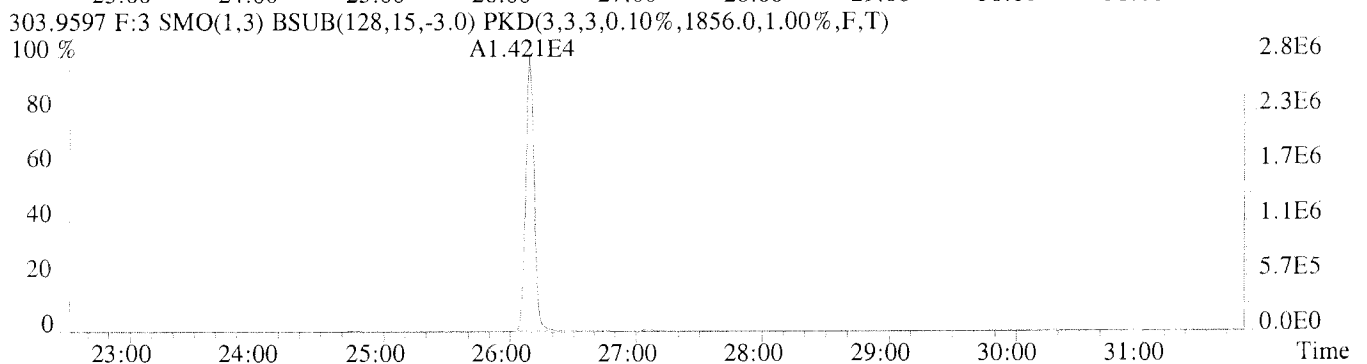
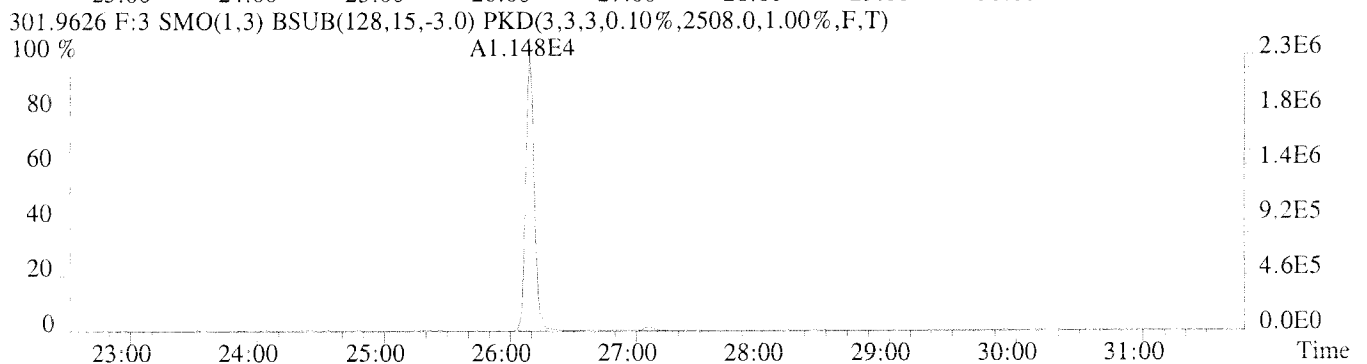
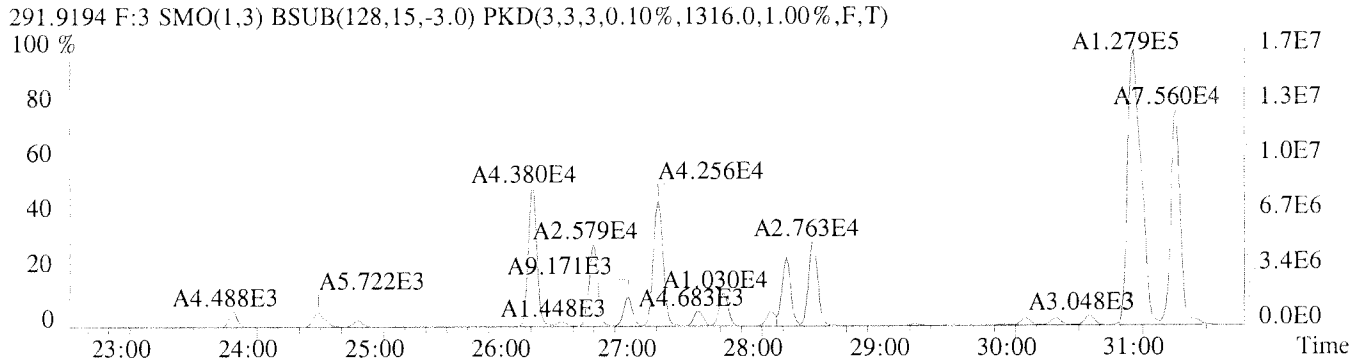
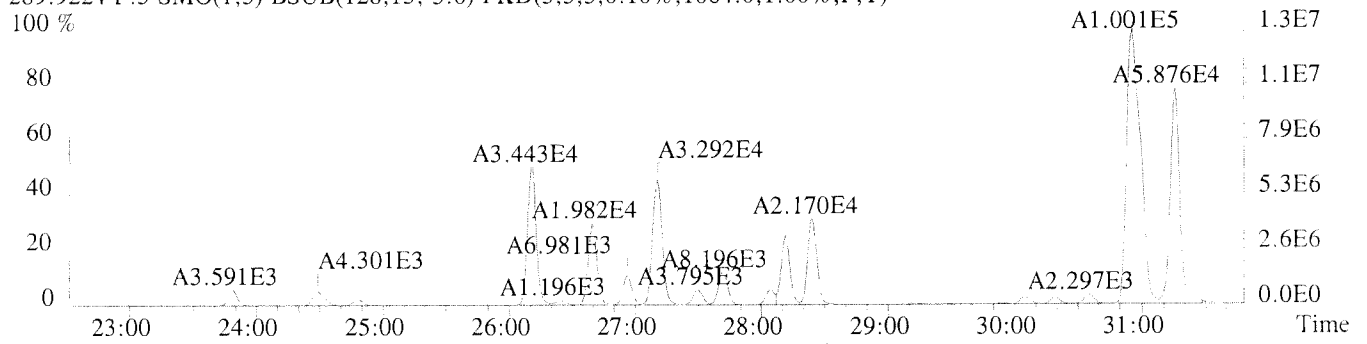
303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1496.0,1.00%,F,T)



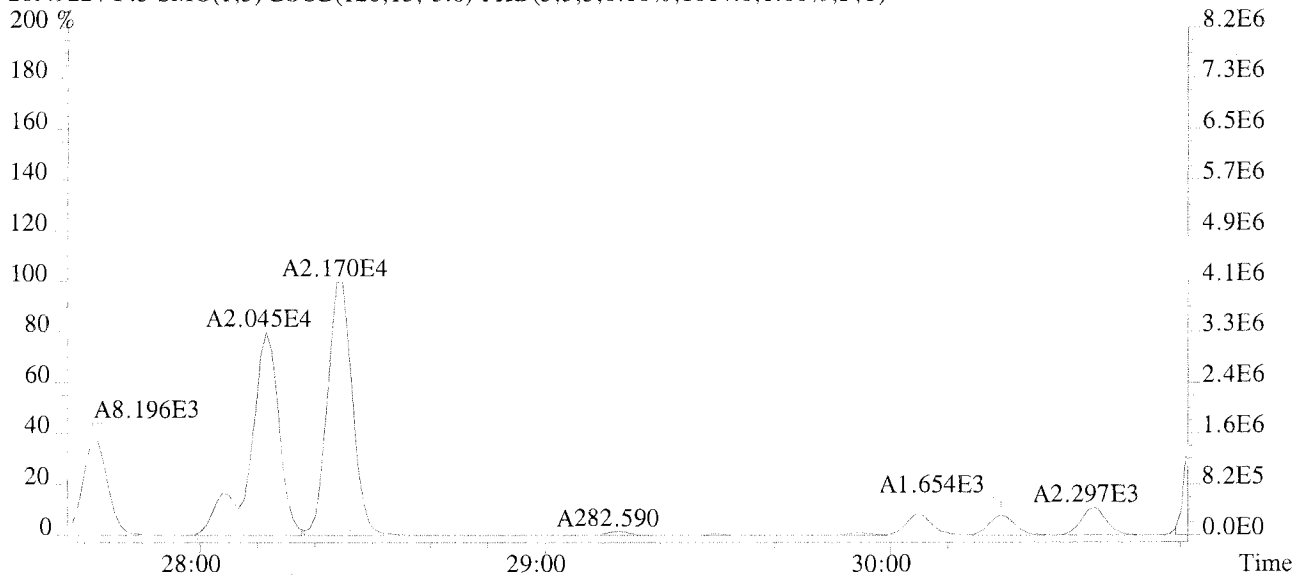
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



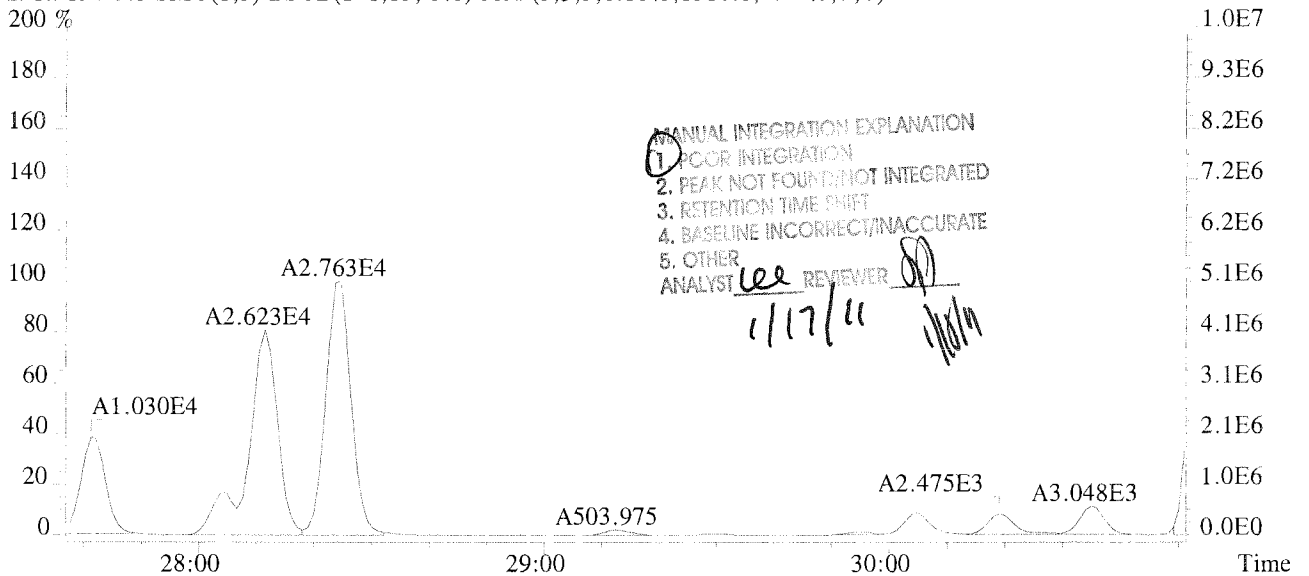
File:U224757 #1-594 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-008 USENE/W061
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1064.0,1.00%,F,T)
 100 %



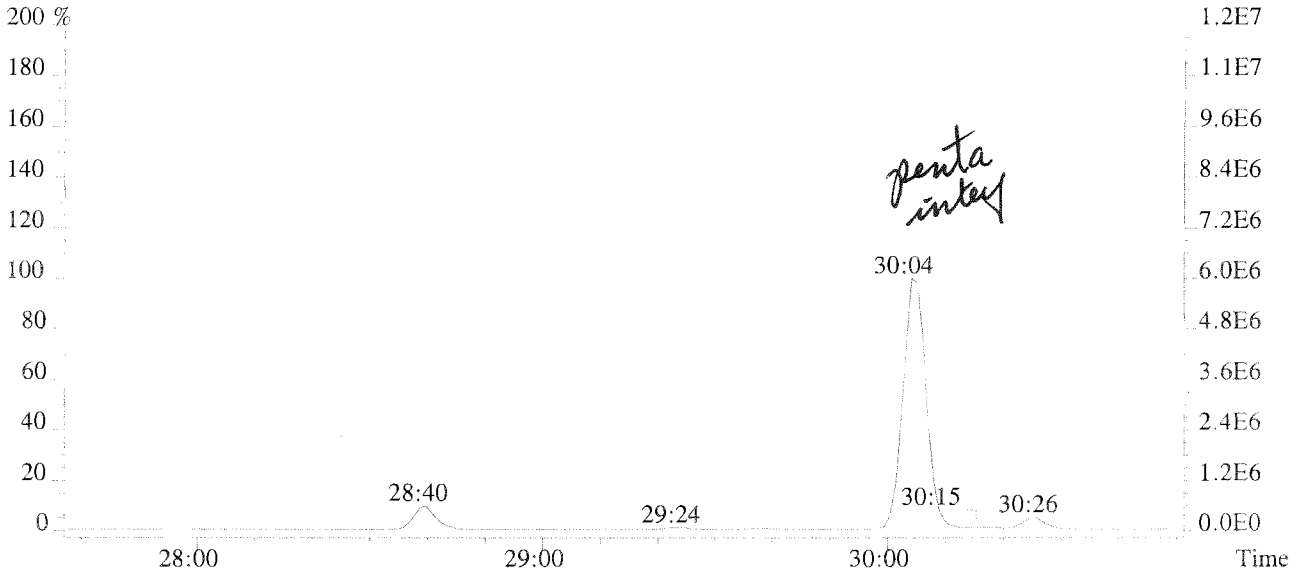
File:U224757 #1-594 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-008 USENE/W061
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1064.0,1.00%,F,T)
 200 %



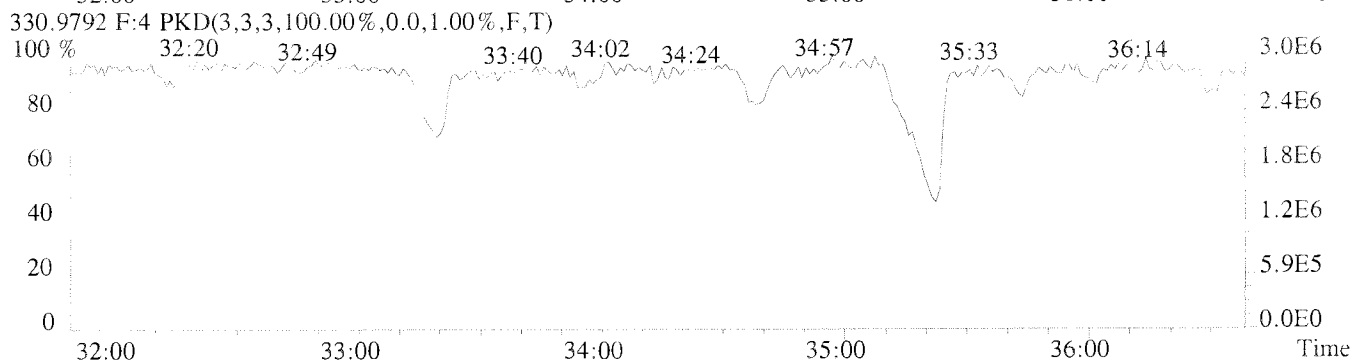
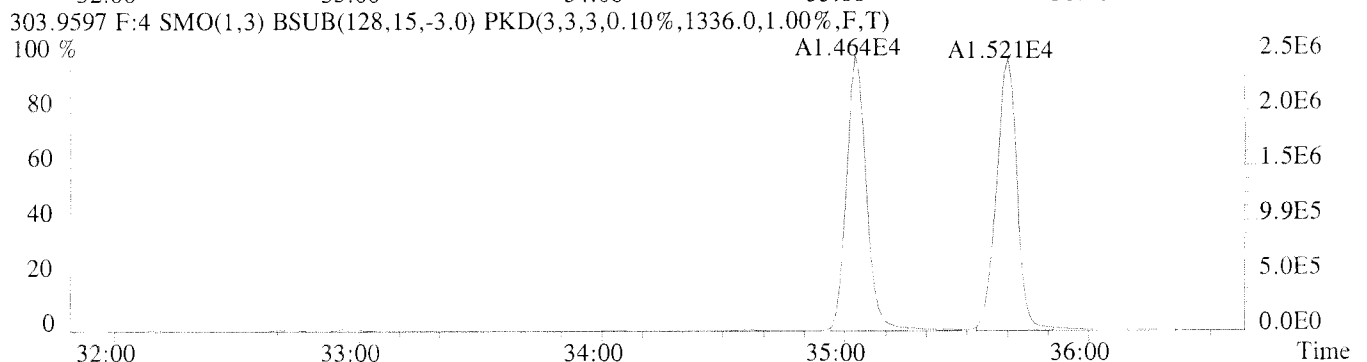
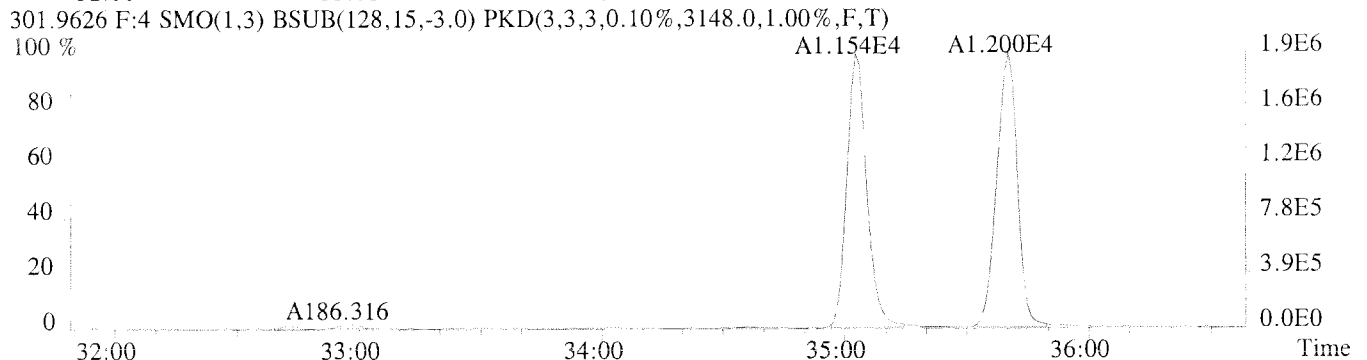
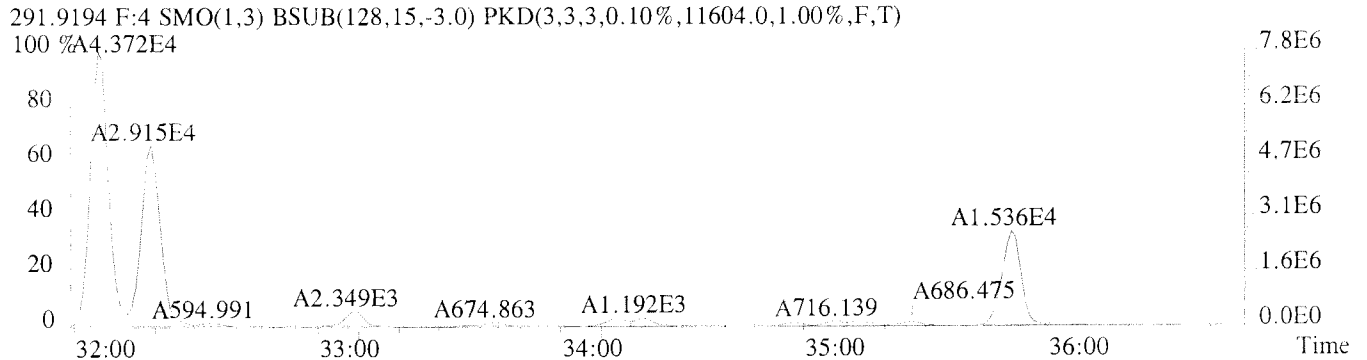
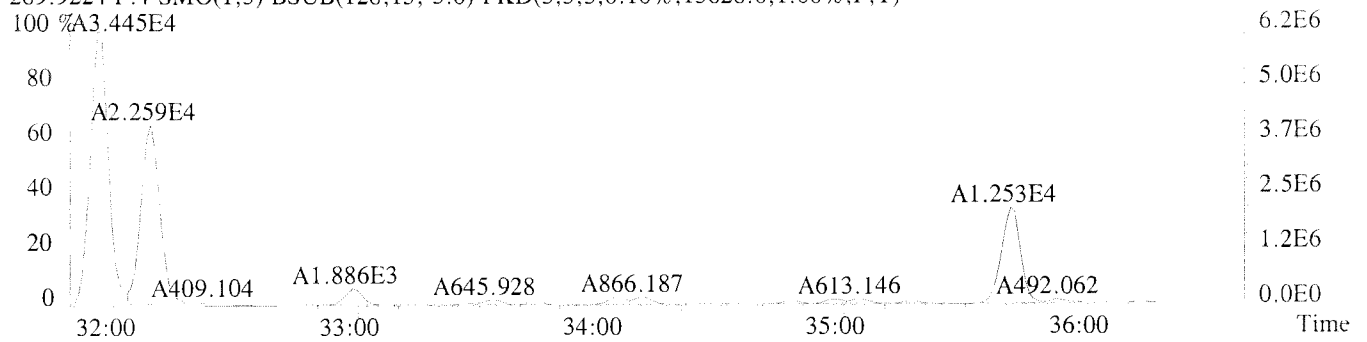
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1316.0,1.00%,F,T)
 200 %



325.8804 F:3
 200 %



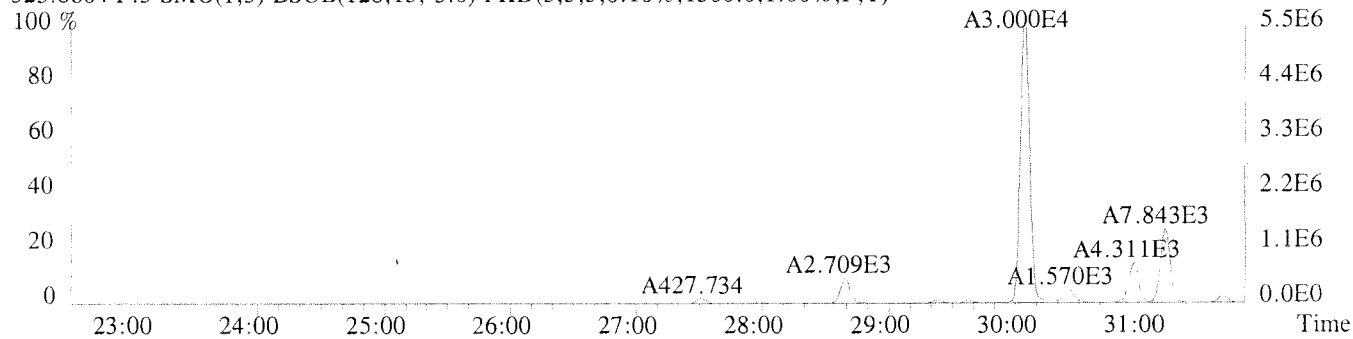
File:U224757 #1-309 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-008 USENE/W061
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13628.0,1.00%,F,T)
 100 %A3.445E4



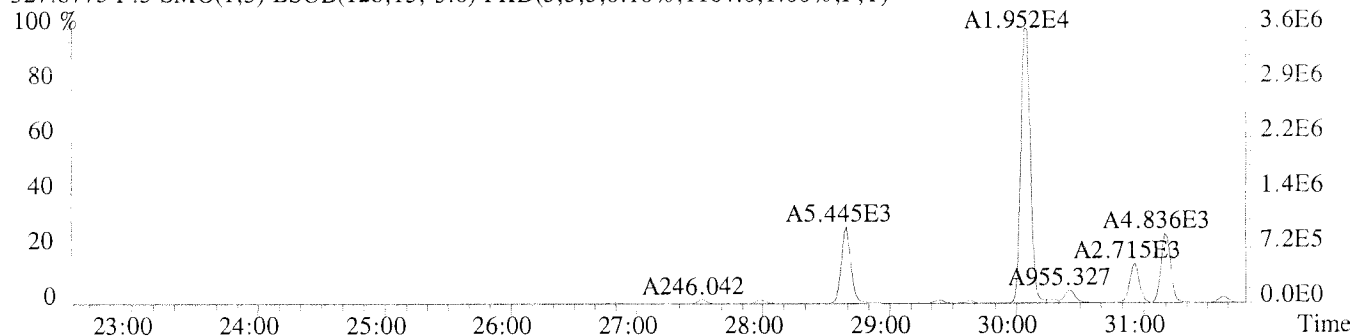
File:U224757 #1-594 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-008 USENE/W061

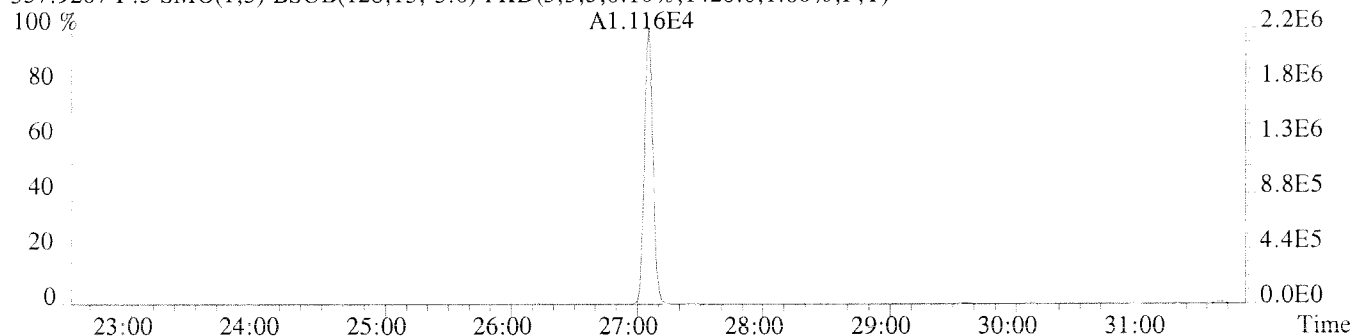
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1300.0,1.00%,F,T)



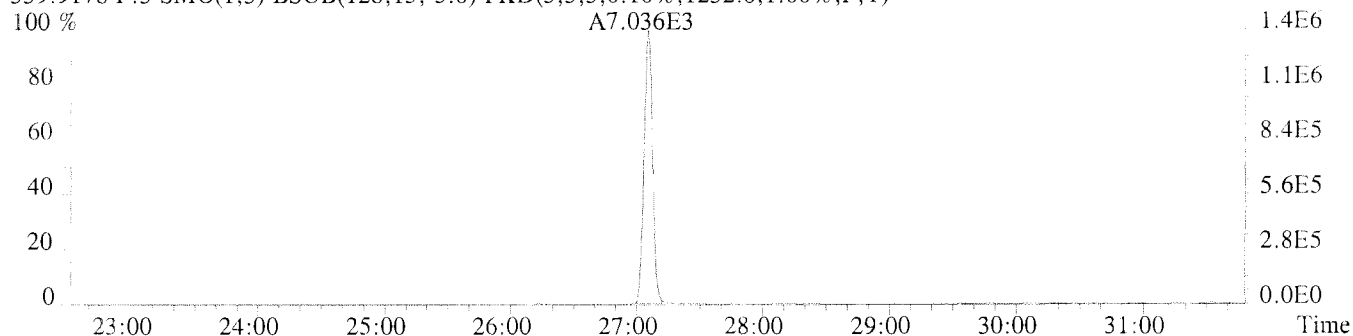
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1164.0,1.00%,F,T)



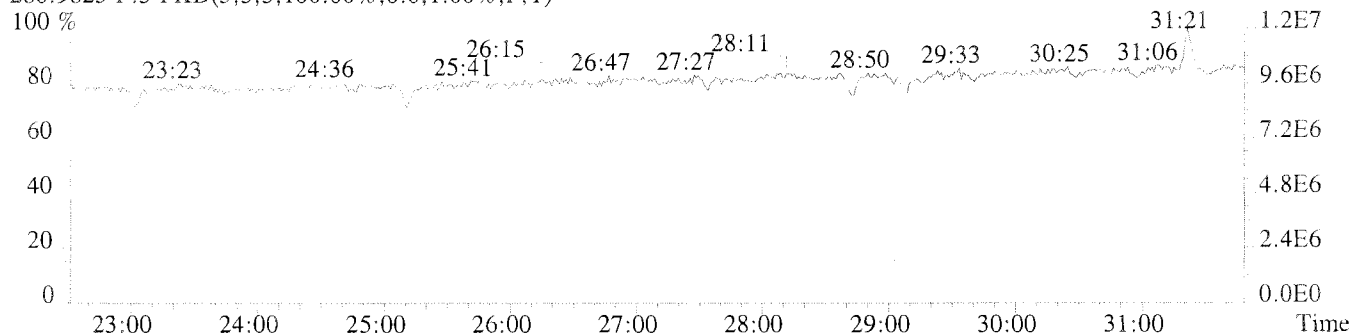
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1420.0,1.00%,F,T)



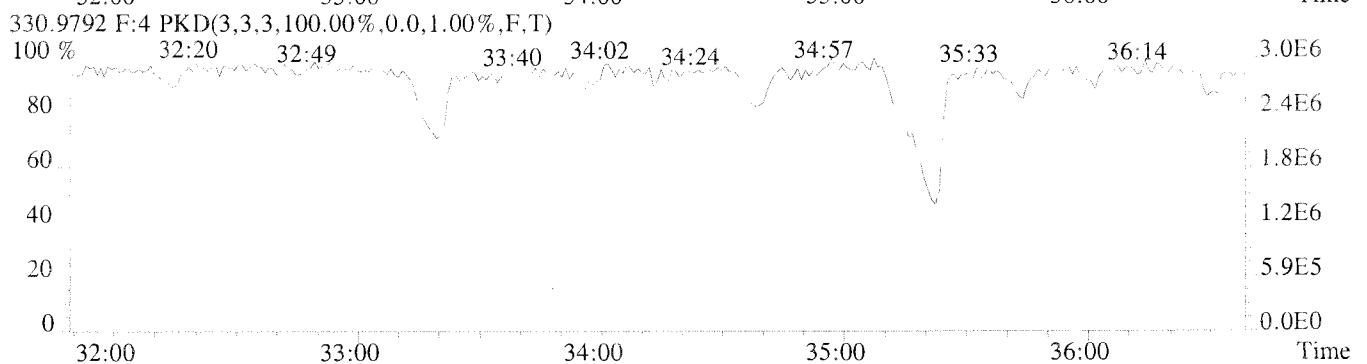
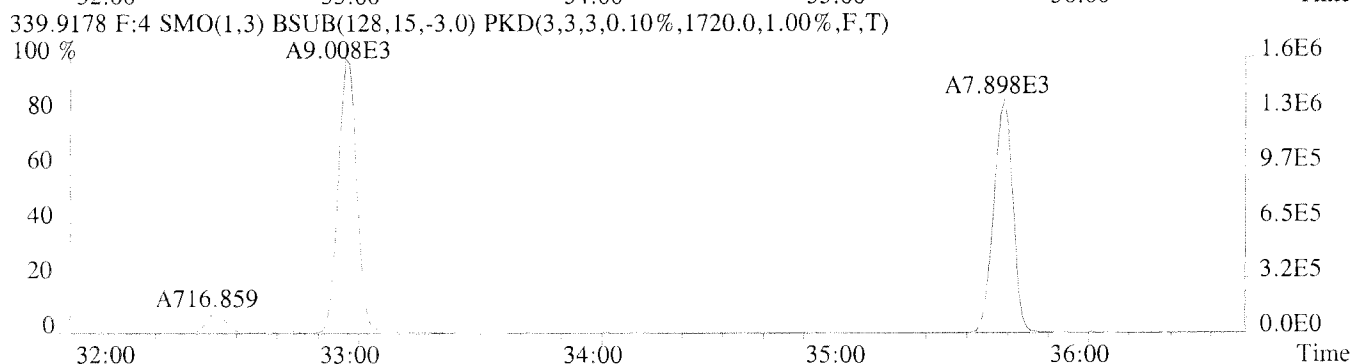
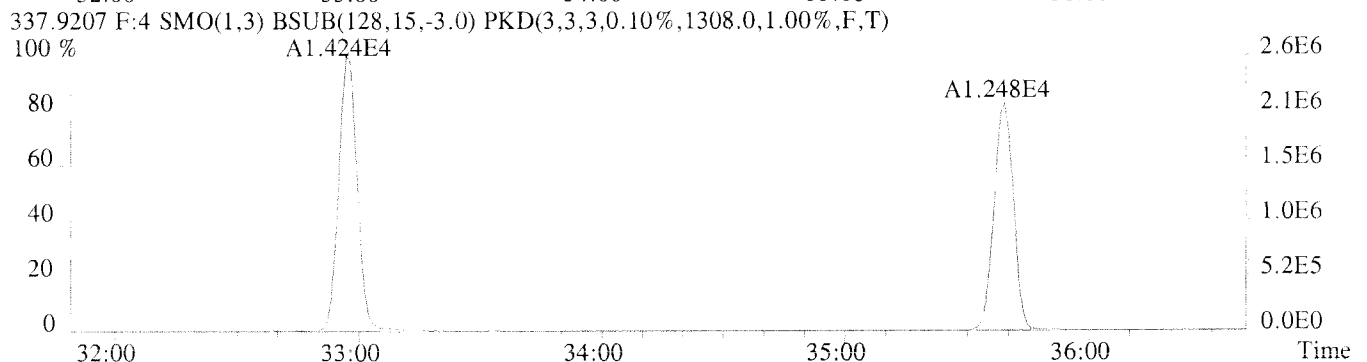
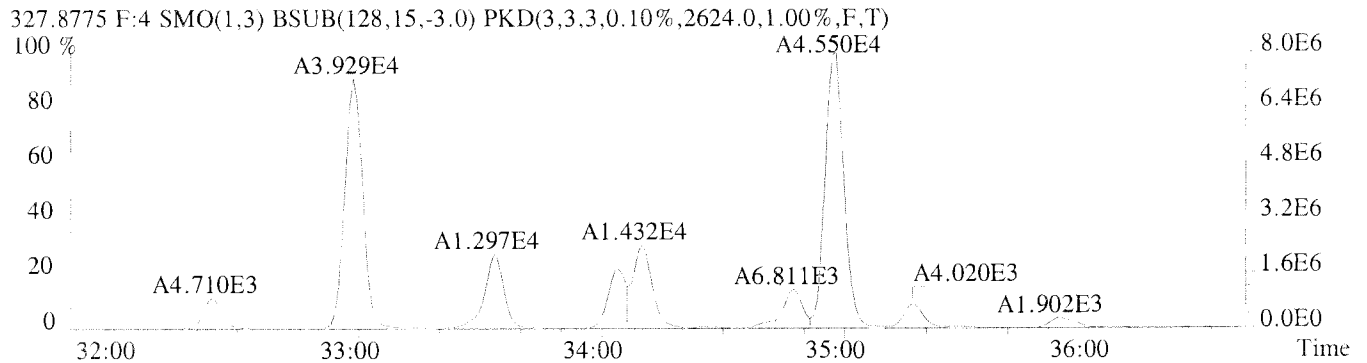
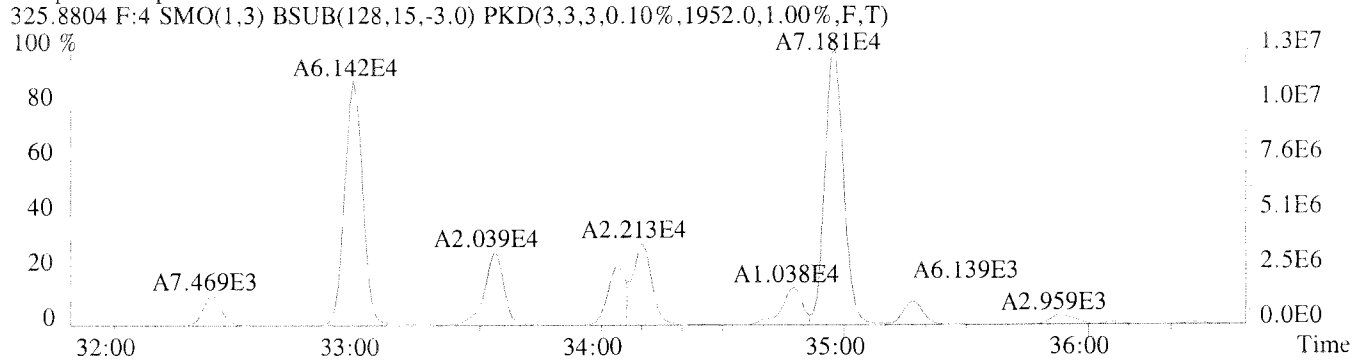
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1232.0,1.00%,F,T)



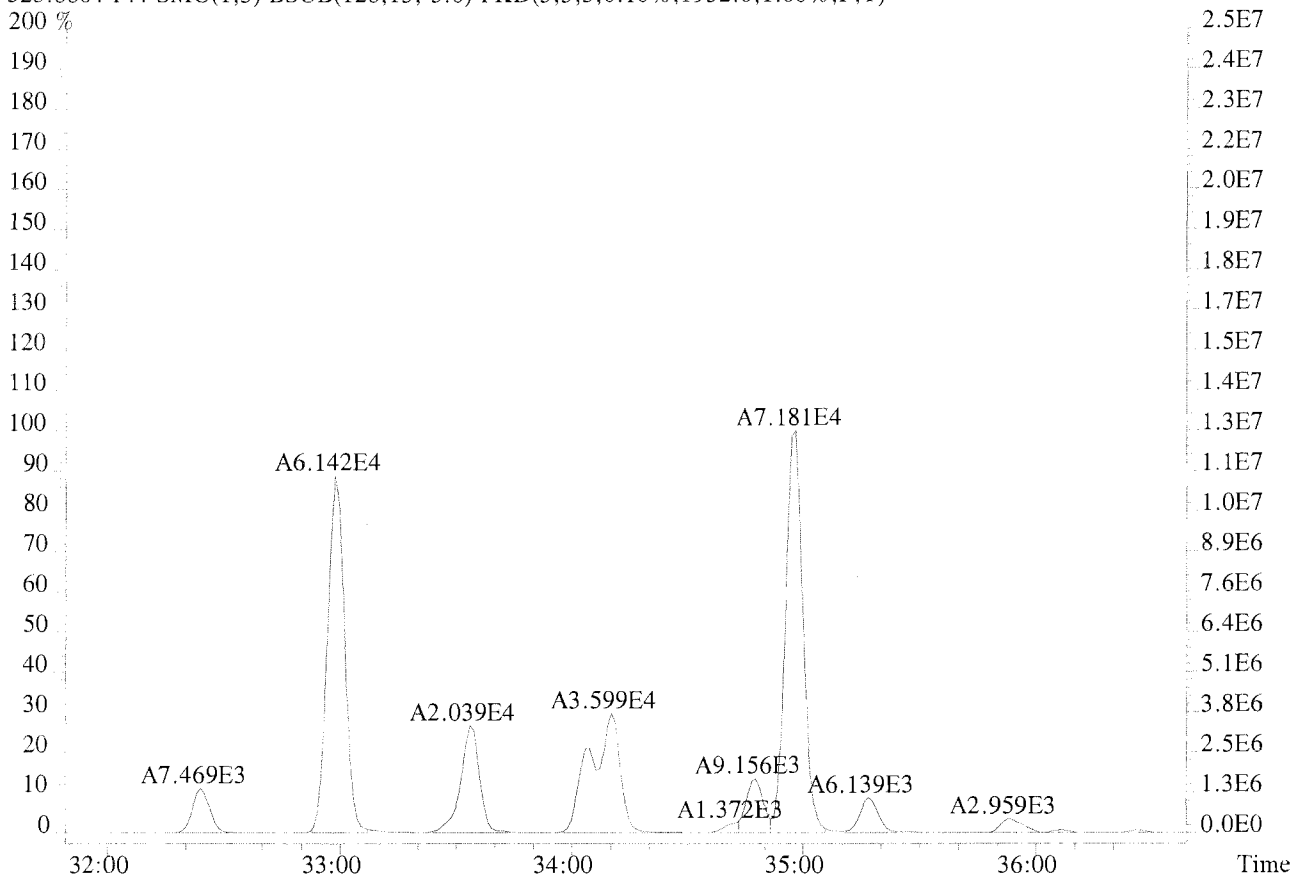
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



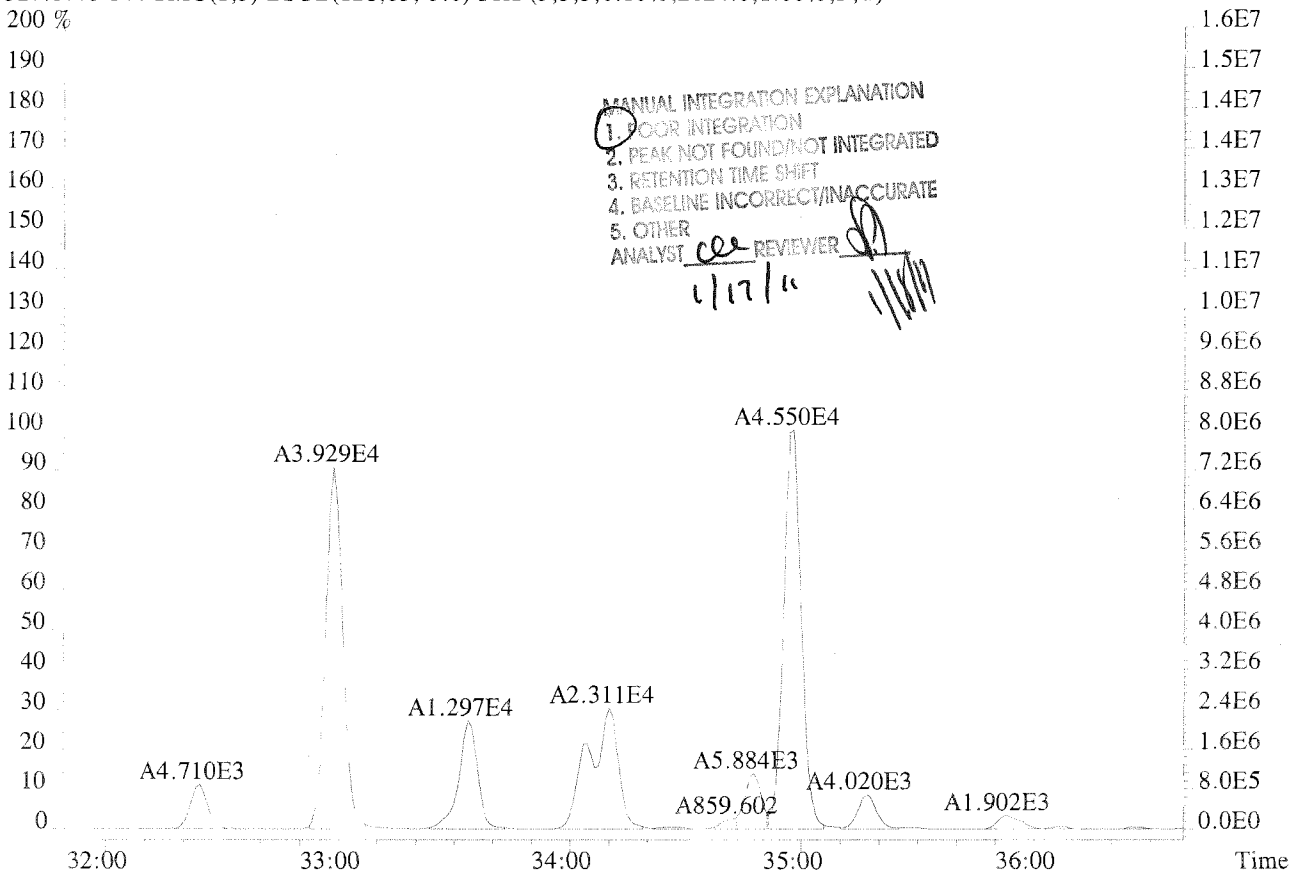
File:U224757 #1-309 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008 USENE/W061



File:U224757 #1-309 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-008 USENE/W061
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1952.0,1.00%,F,T)

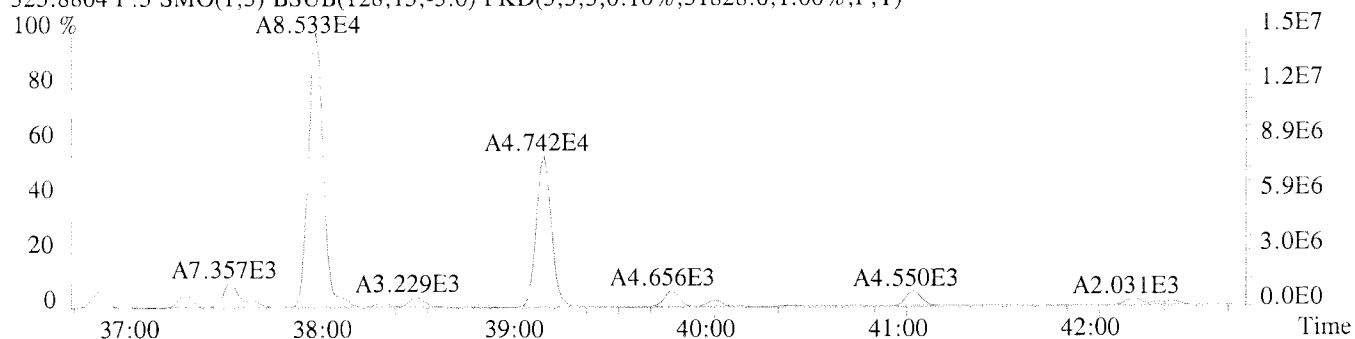


327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2624.0,1.00%,F,T)

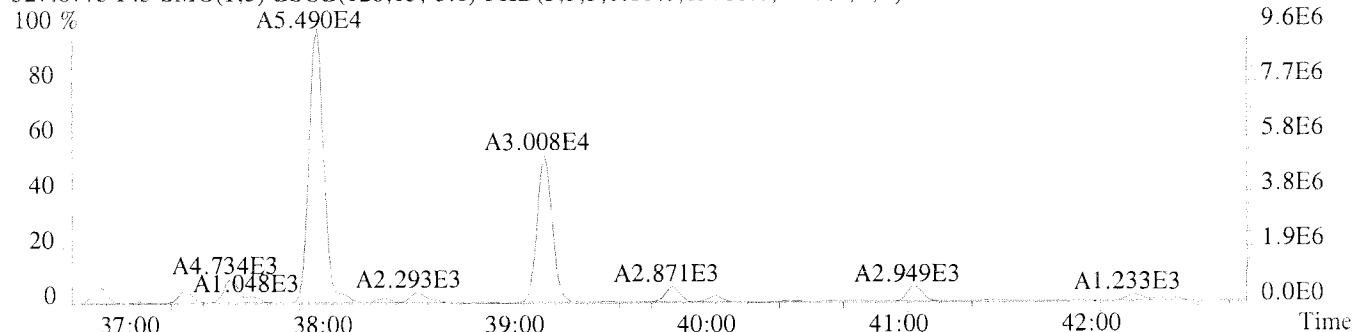


File:U224757 #1-391 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008 USENE/W061

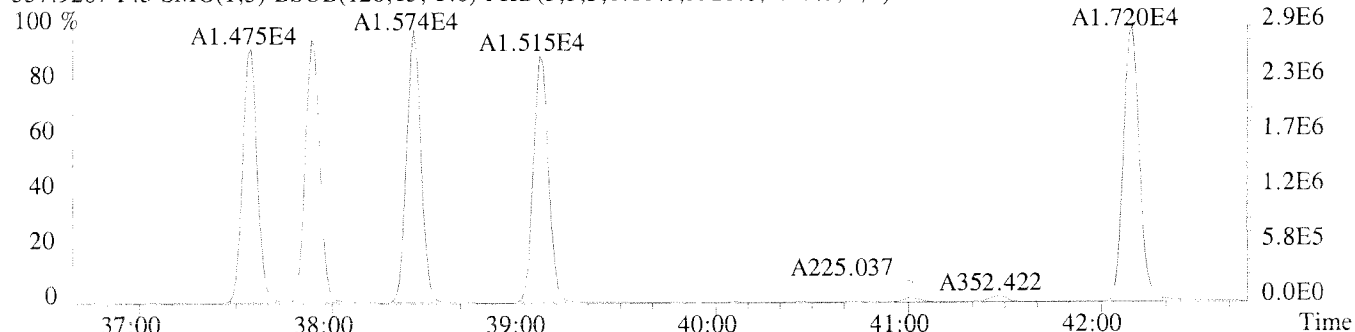
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,31828.0,1.00%,F,T)



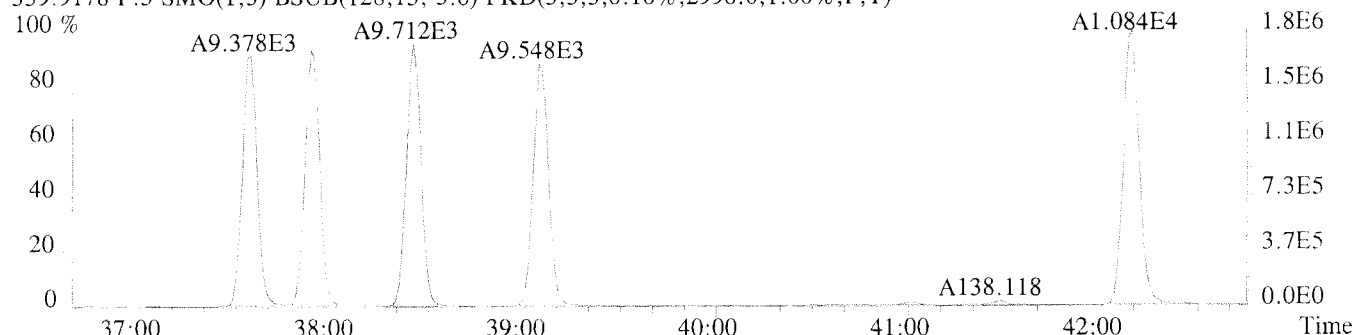
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,19760.0,1.00%,F,T)



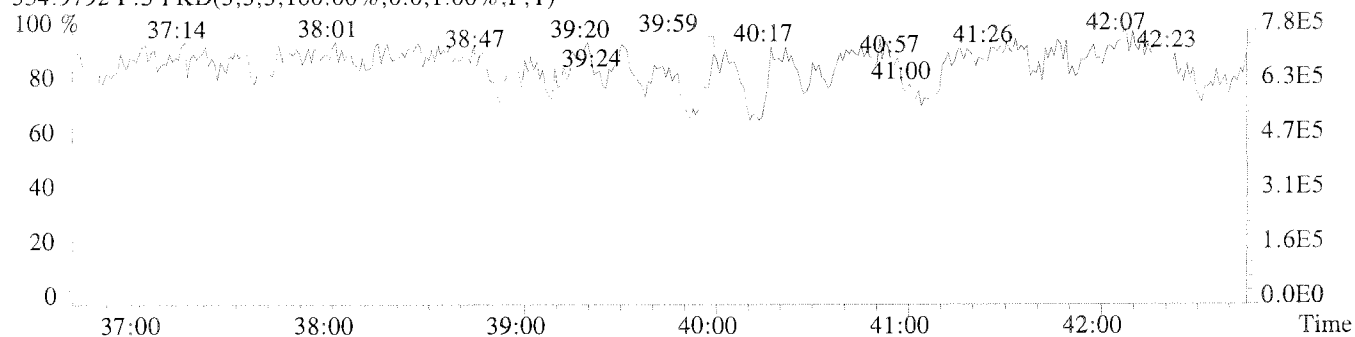
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3920.0,1.00%,F,T)



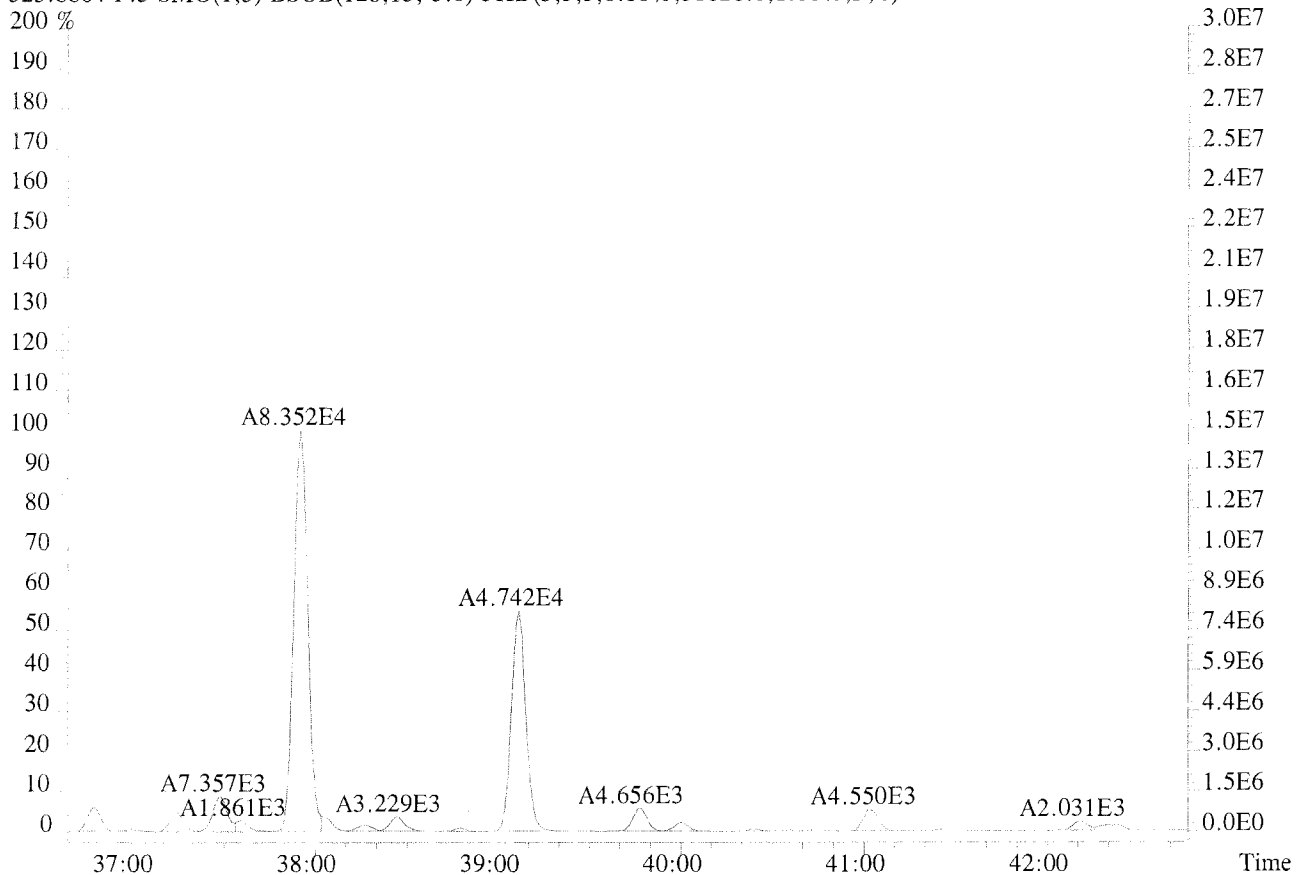
339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2996.0,1.00%,F,T)



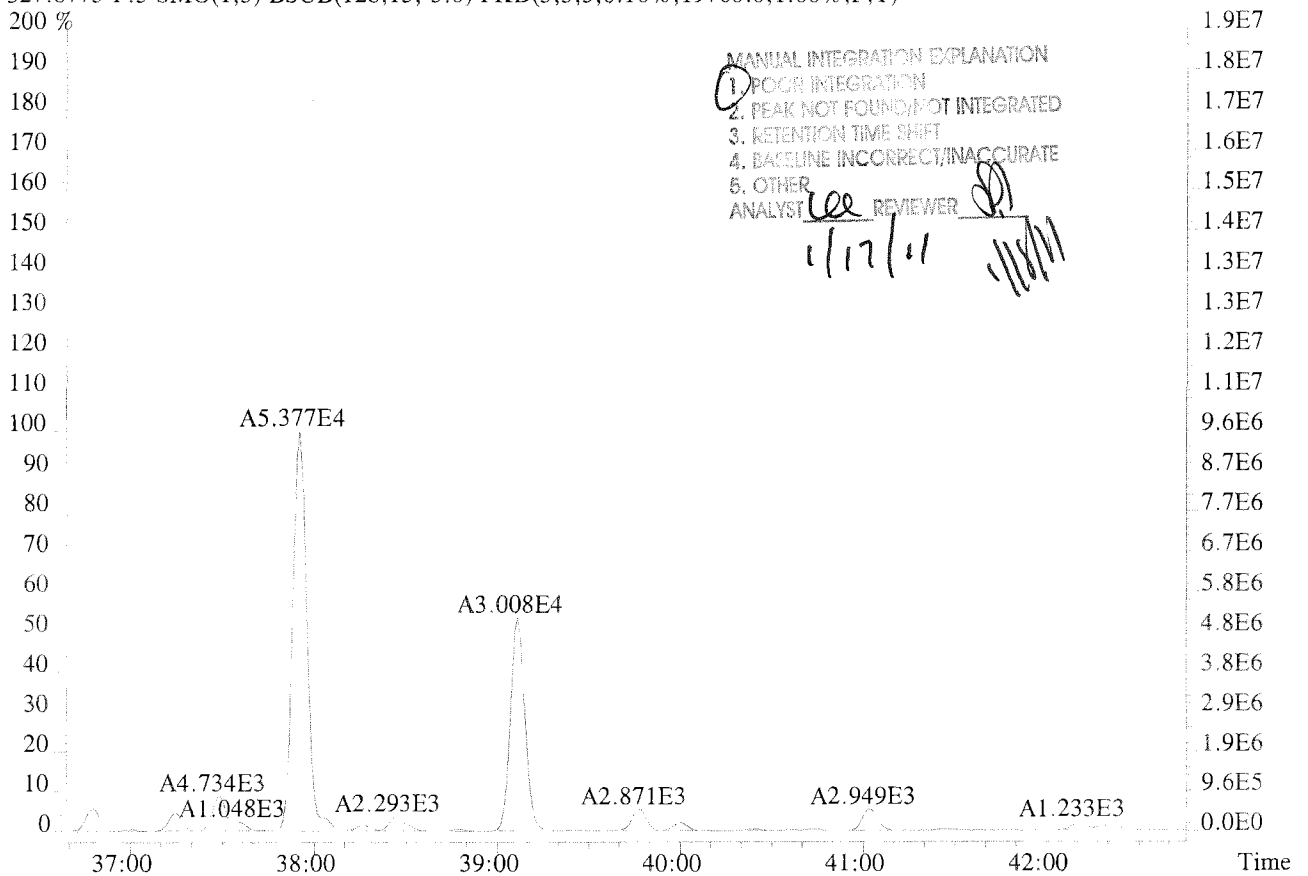
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224757 #1-391 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-008 USENE/W061
 325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,31828.0,1.00%,F,T)



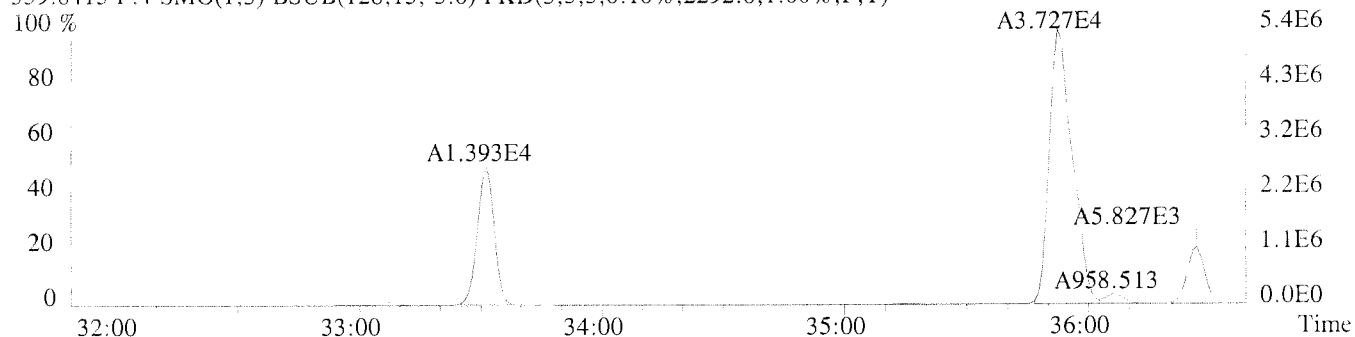
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,19760.0,1.00%,F,T)



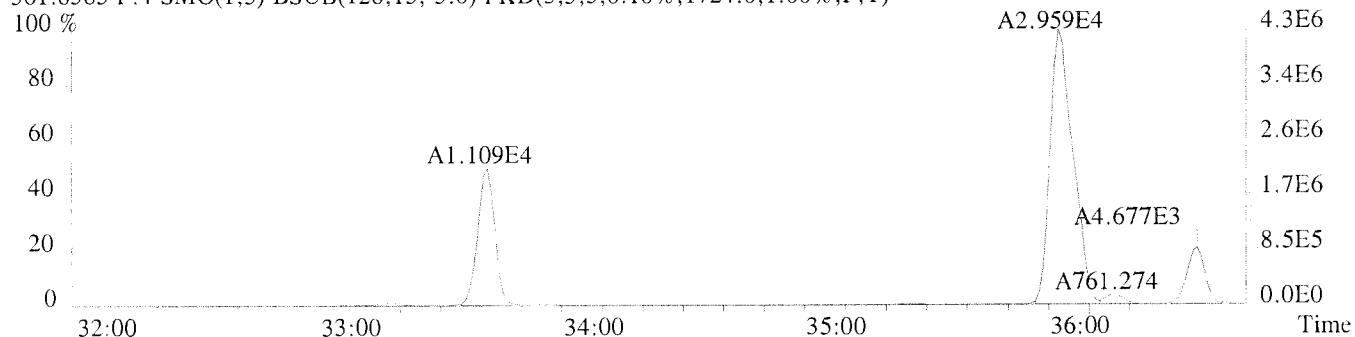
File:U224757 #1-309 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-008 USENE/W061

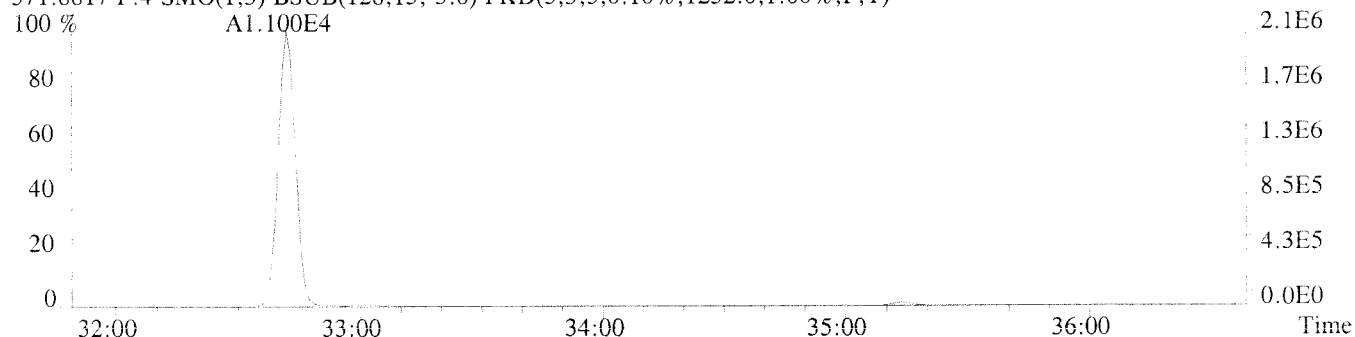
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2292.0,1.00%,F,T)



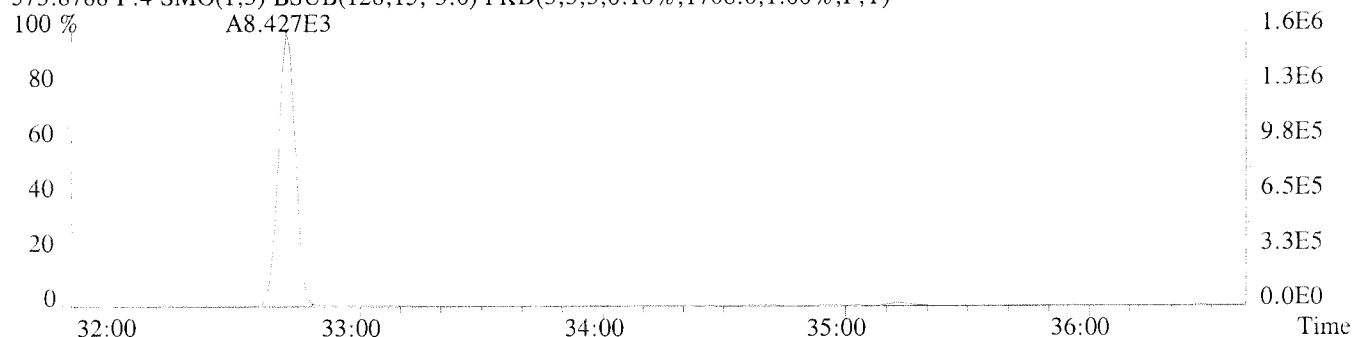
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1724.0,1.00%,F,T)



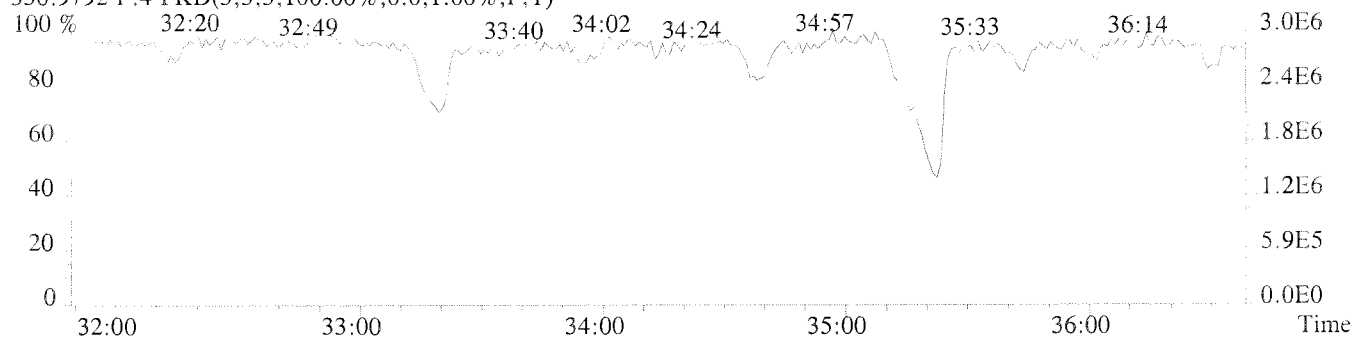
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1252.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1708.0,1.00%,F,T)

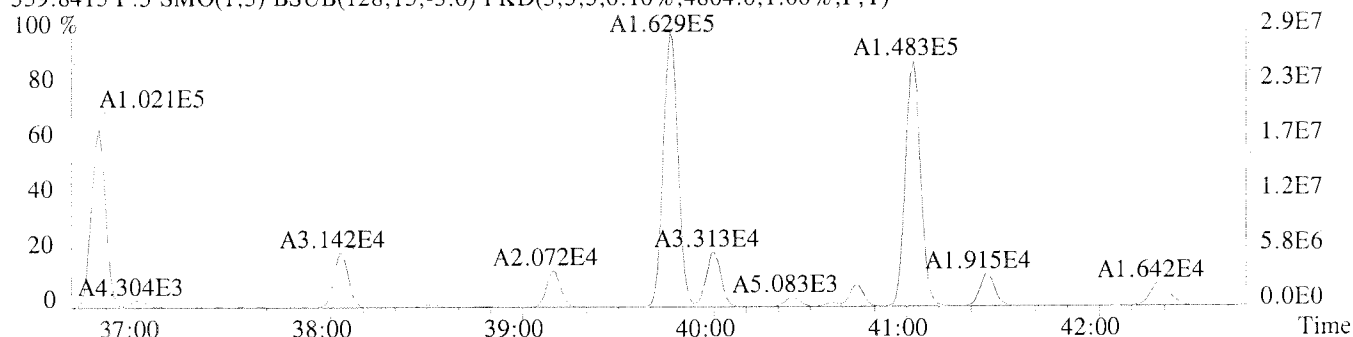


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

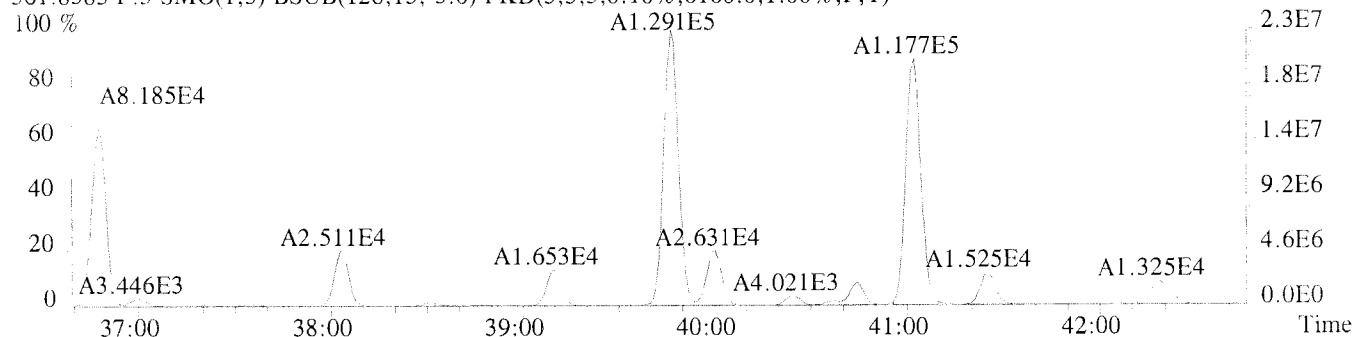


File:U224757 #1-391 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008 USENE/W061

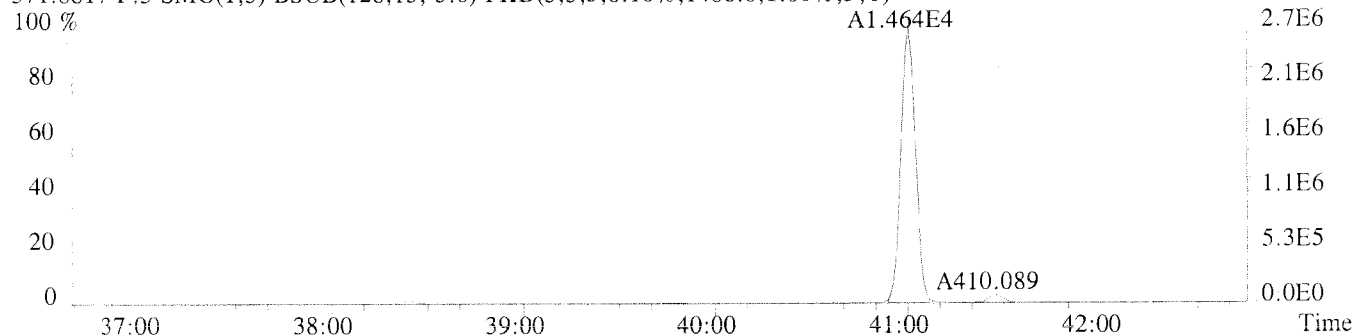
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4804.0,1.00%,F,T)



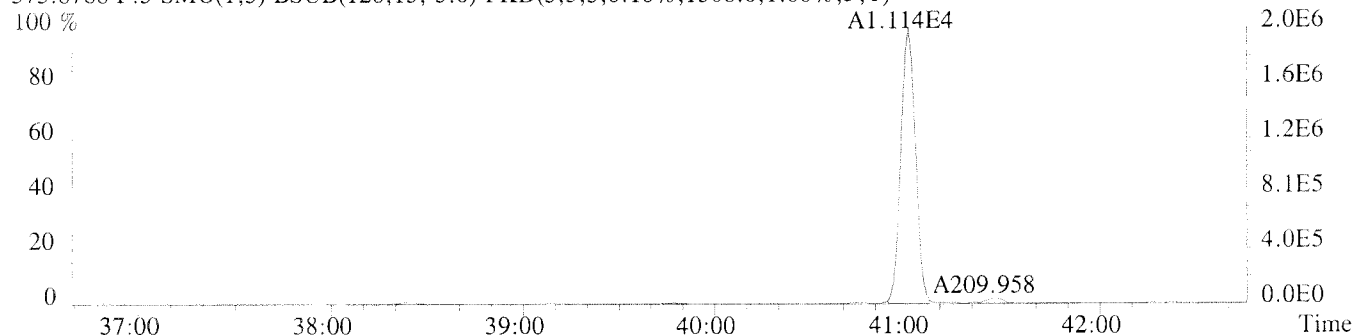
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6160.0,1.00%,F,T)



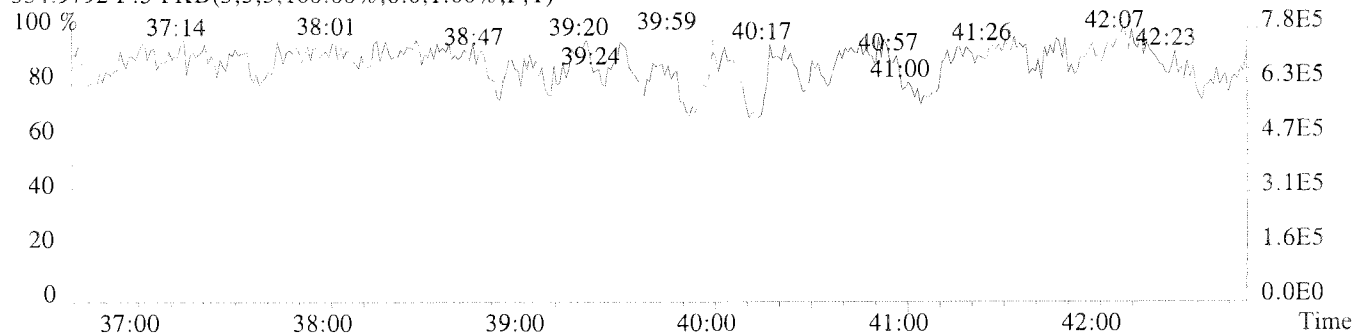
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1488.0,1.00%,F,T)

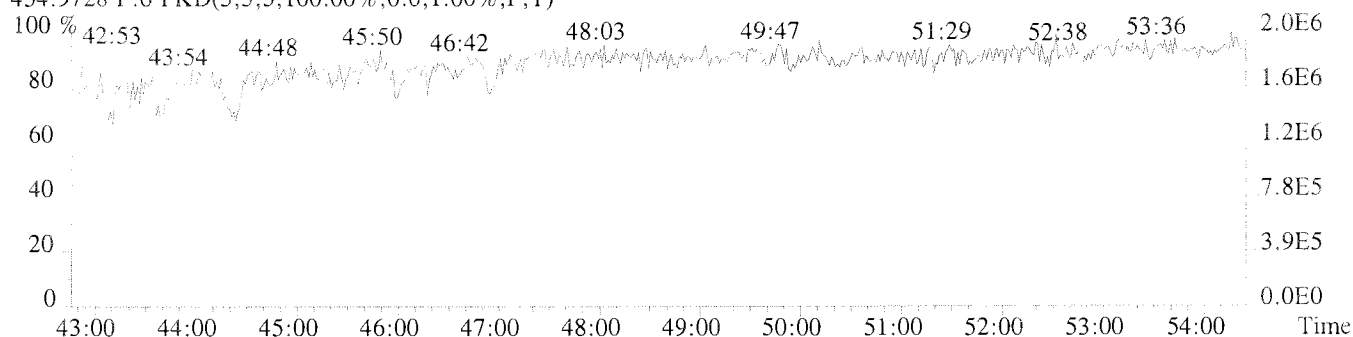
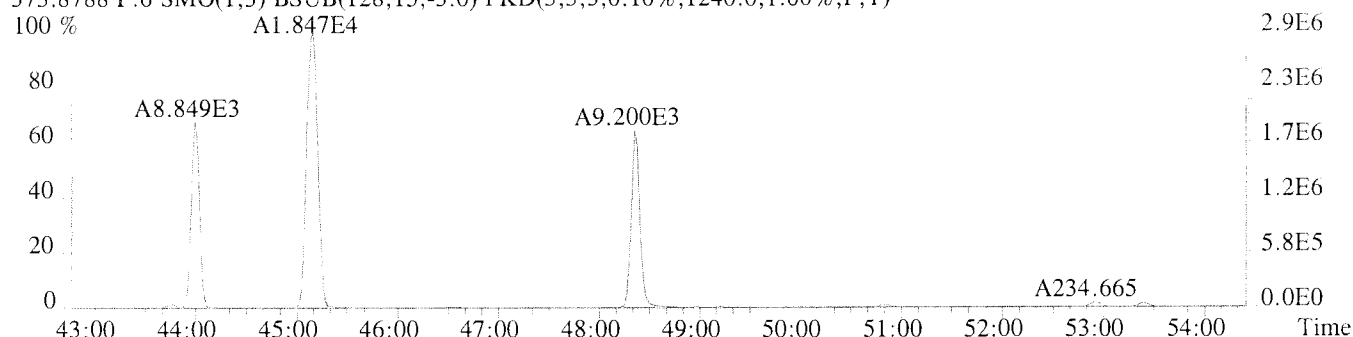
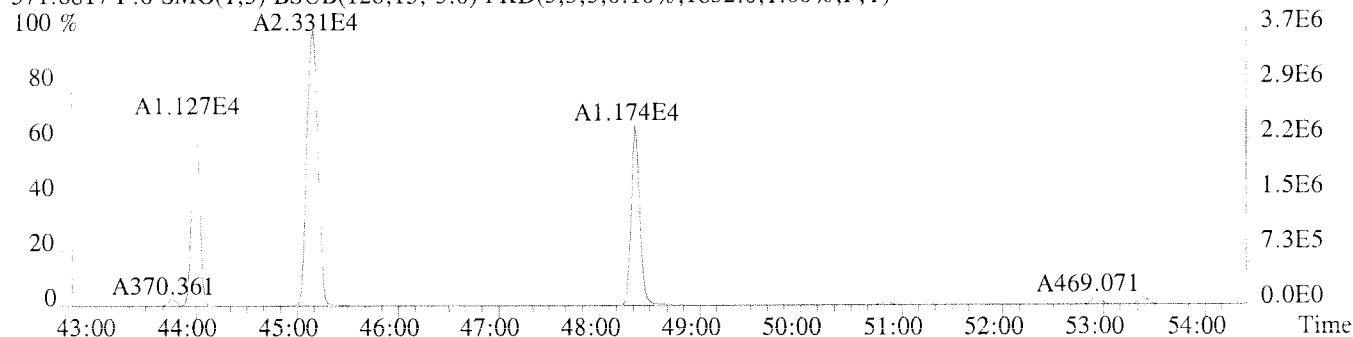
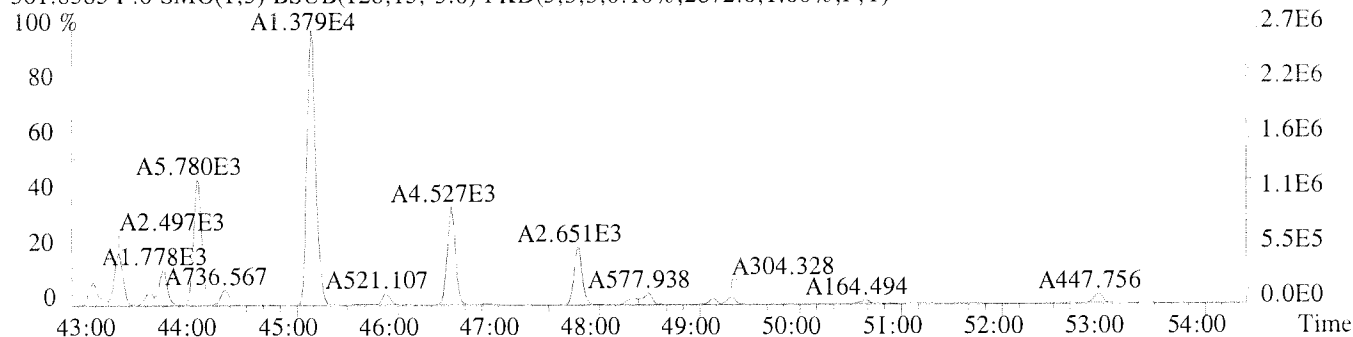
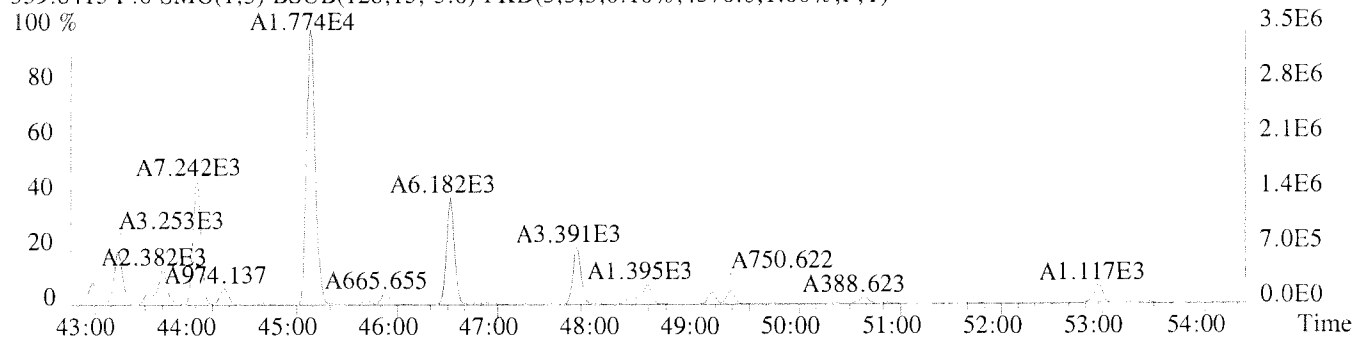


373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1508.0,1.00%,F,T)

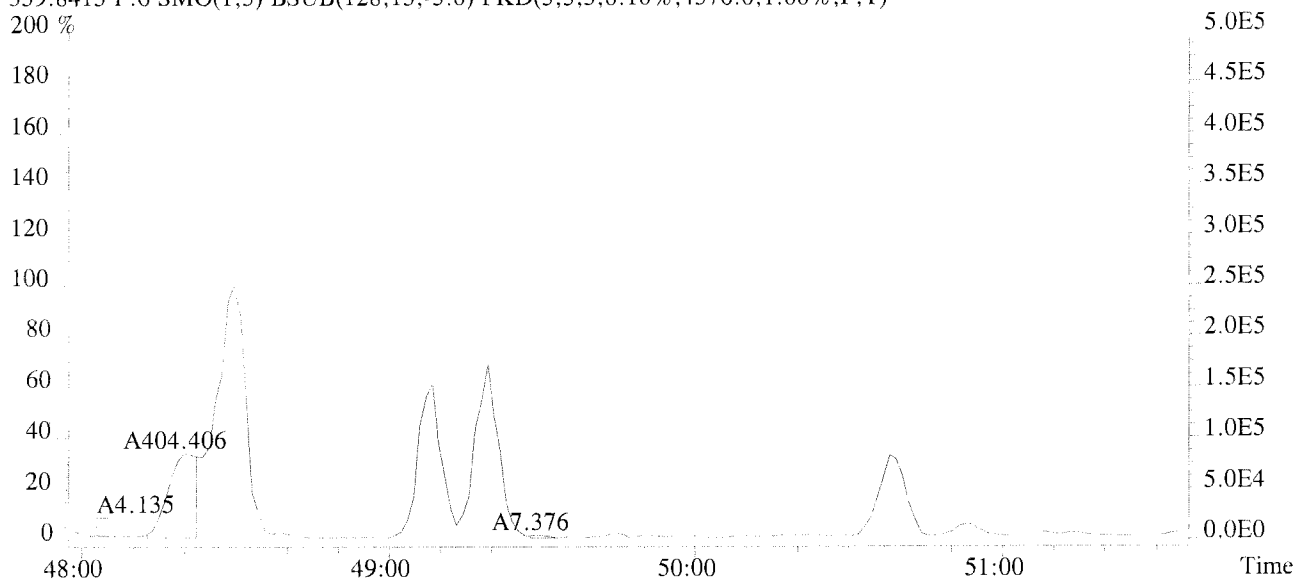


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

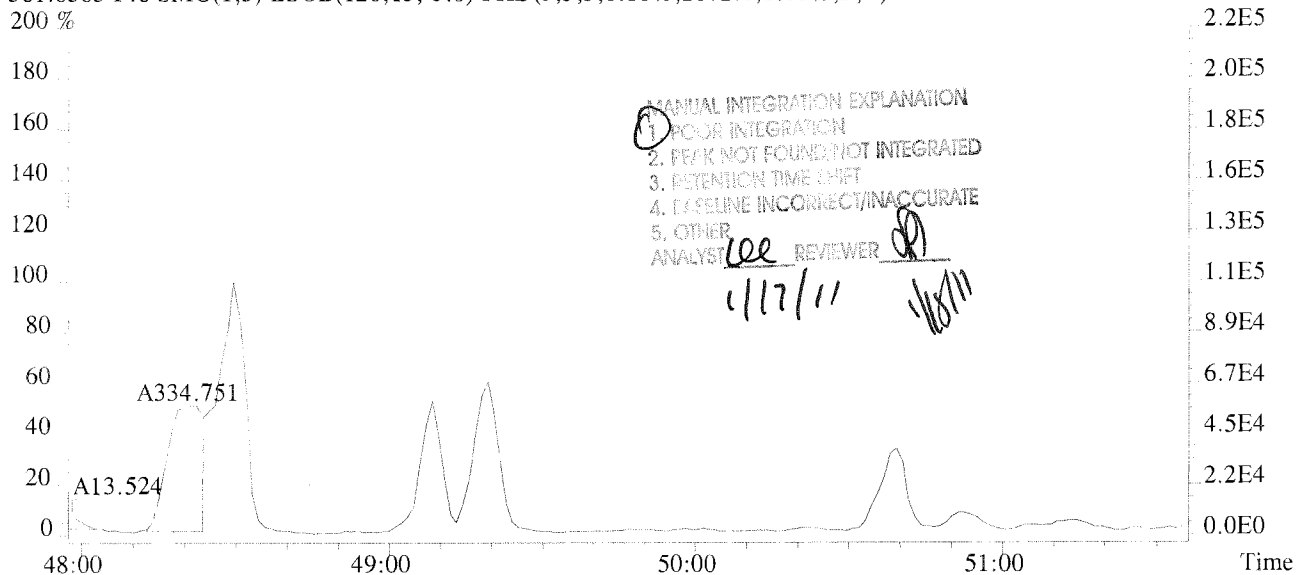




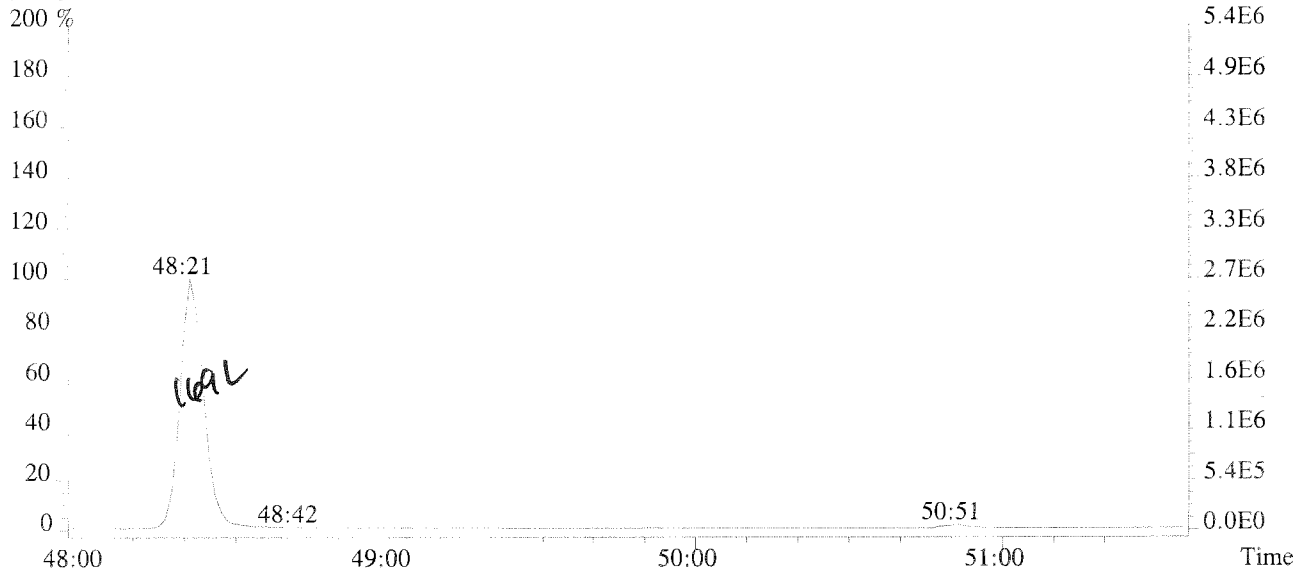
File:U224757 #1-577 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-008 USENE/W061
 359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4376.0,1.00%,F,T)
 200 %



361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2872.0,1.00%,F,T)
 200 %

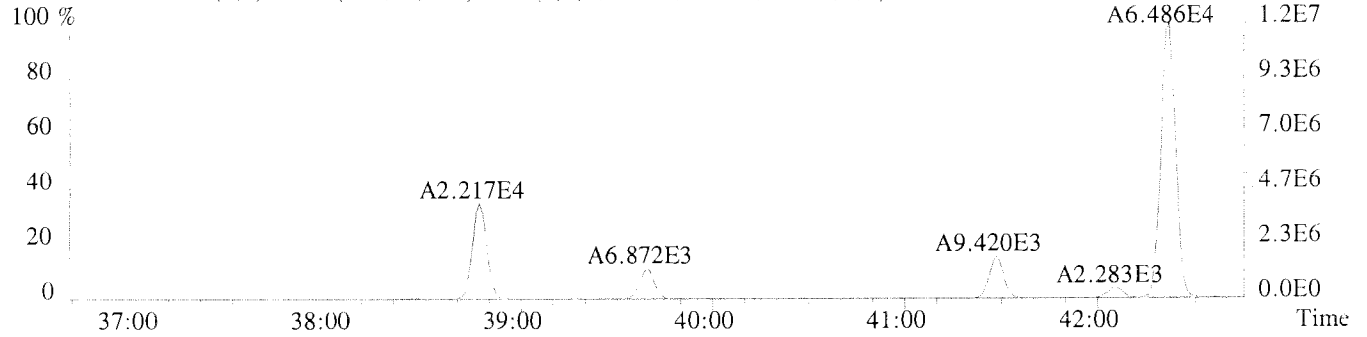


371.8817 F:6
 200 %

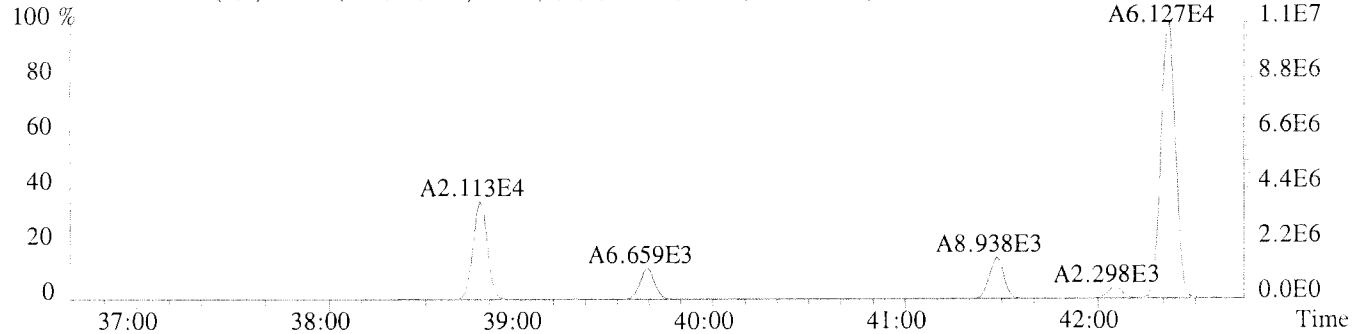


File:U224757 #1-391 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008 USENE/W061

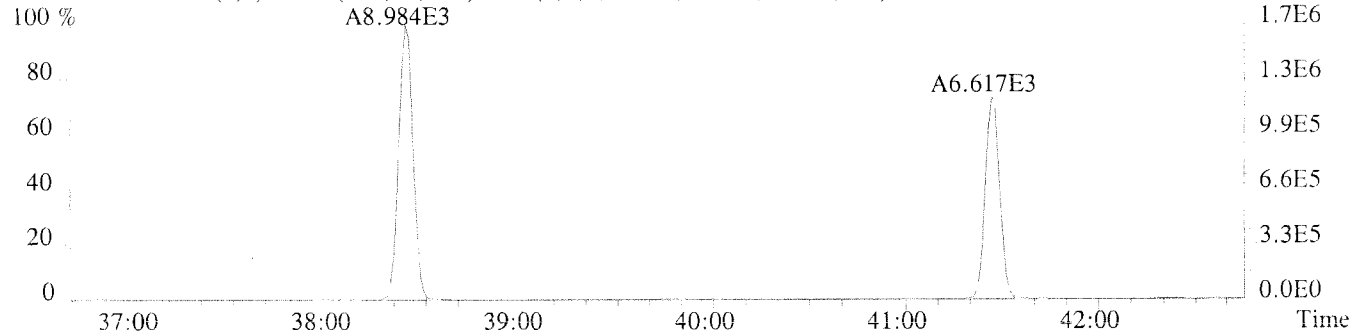
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1956.0,1.00%,F,T)



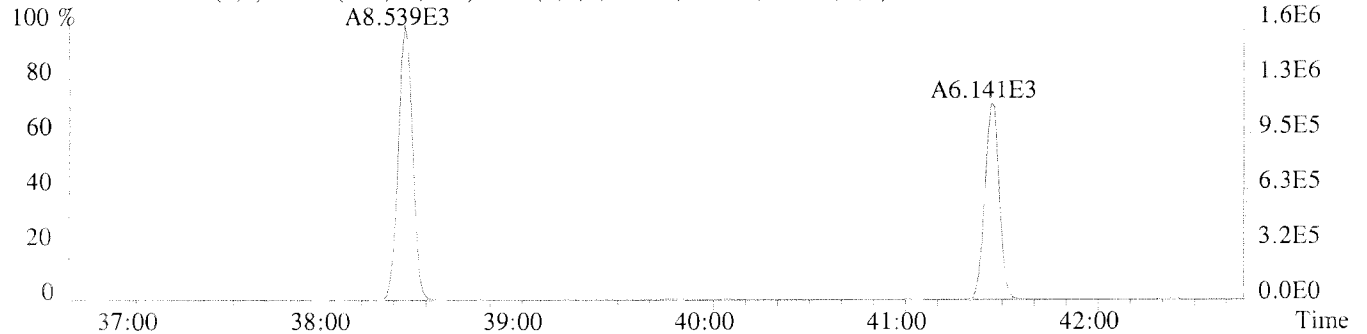
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,740.0,1.00%,F,T)



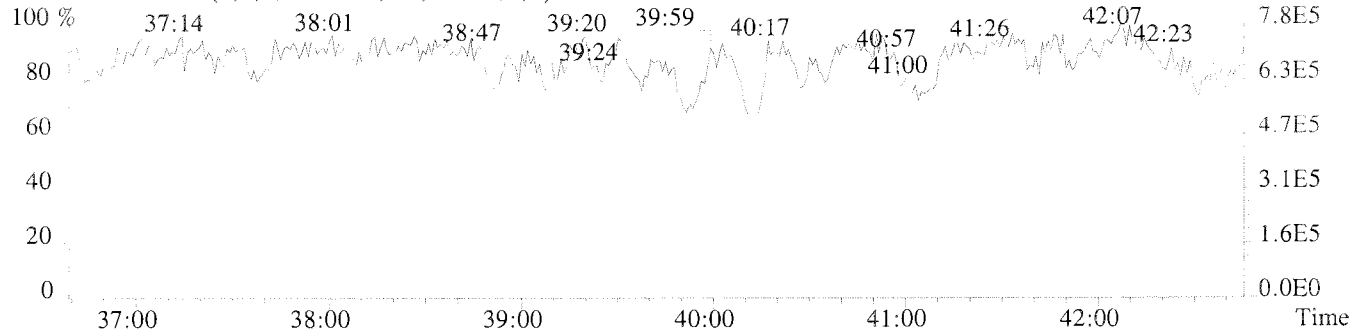
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1464.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1160.0,1.00%,F,T)



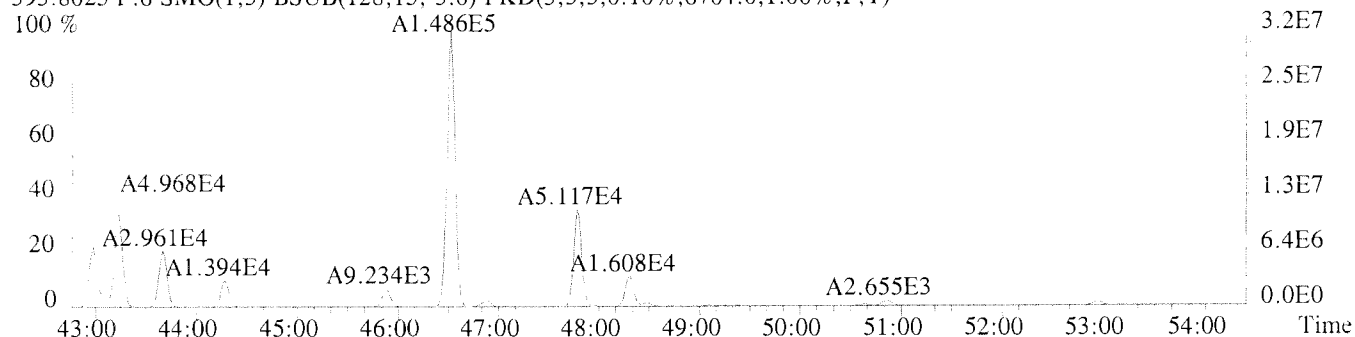
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



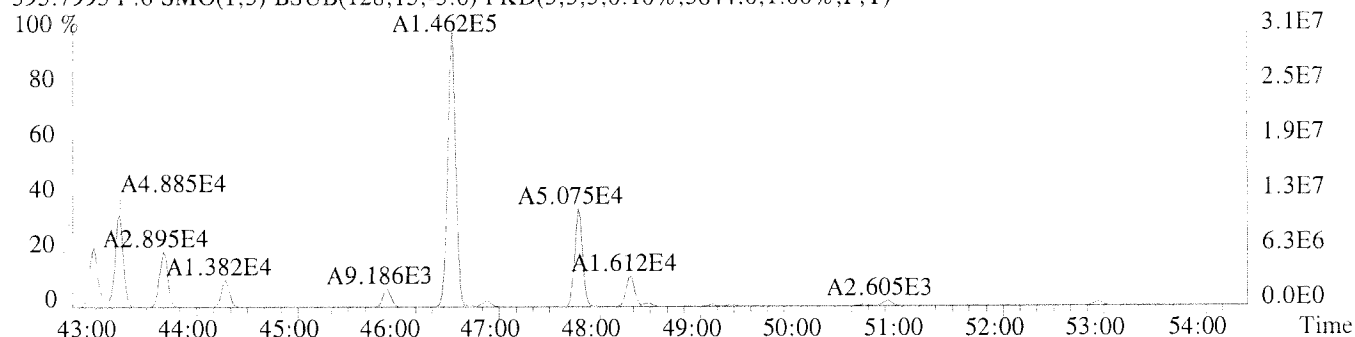
File:U224757 #1-577 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-008 USENE/W061

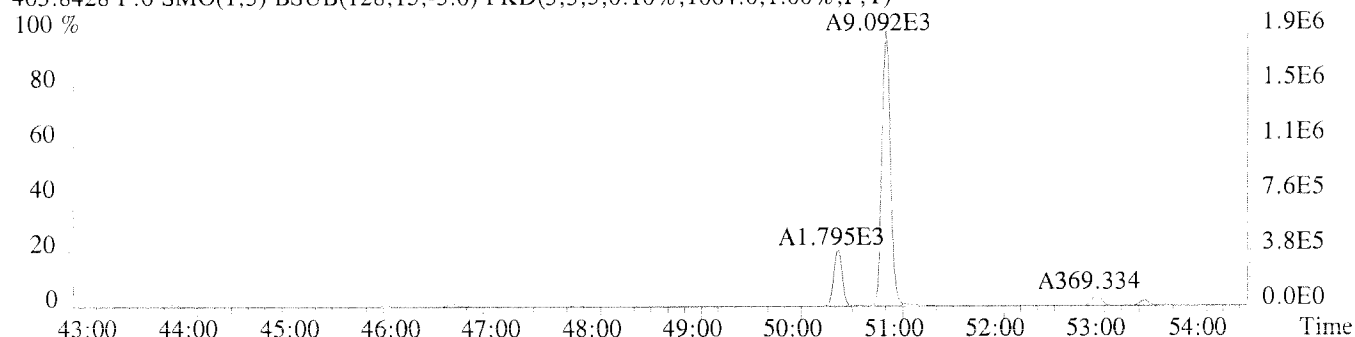
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6704.0,1.00%,F,T)



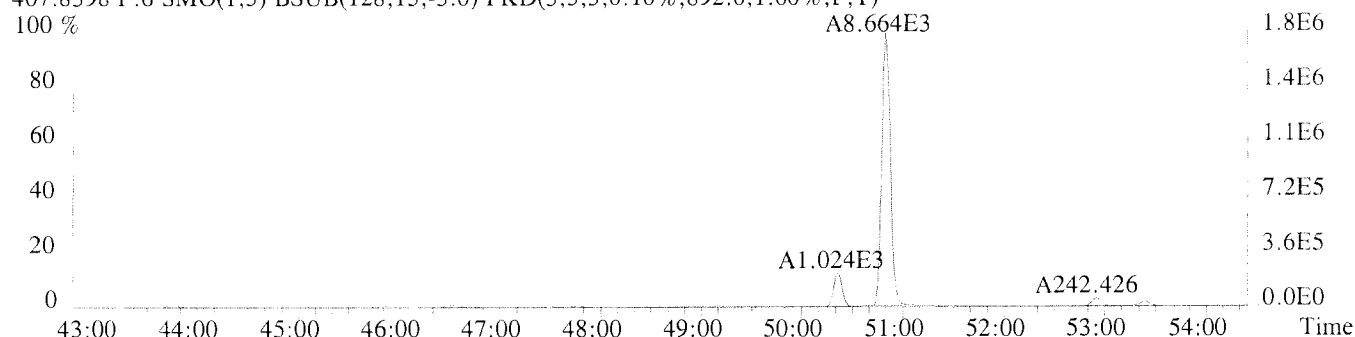
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5644.0,1.00%,F,T)



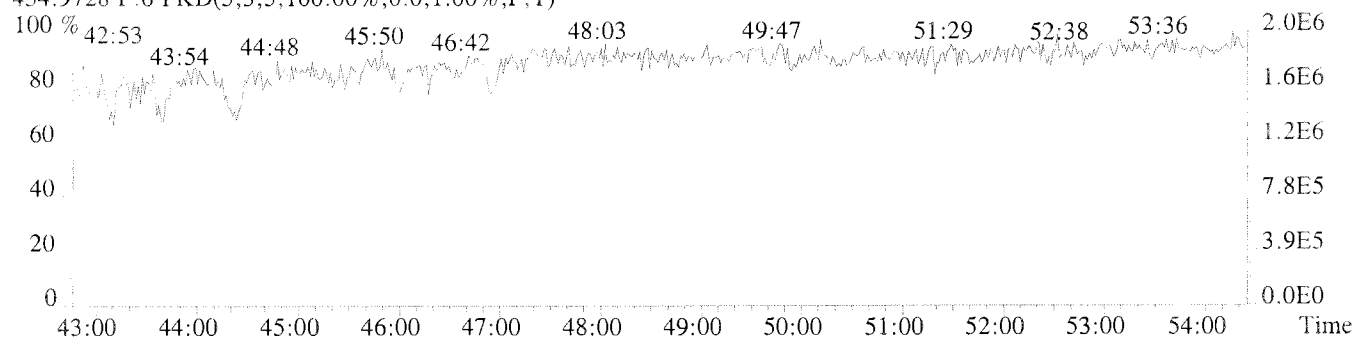
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1064.0,1.00%,F,T)



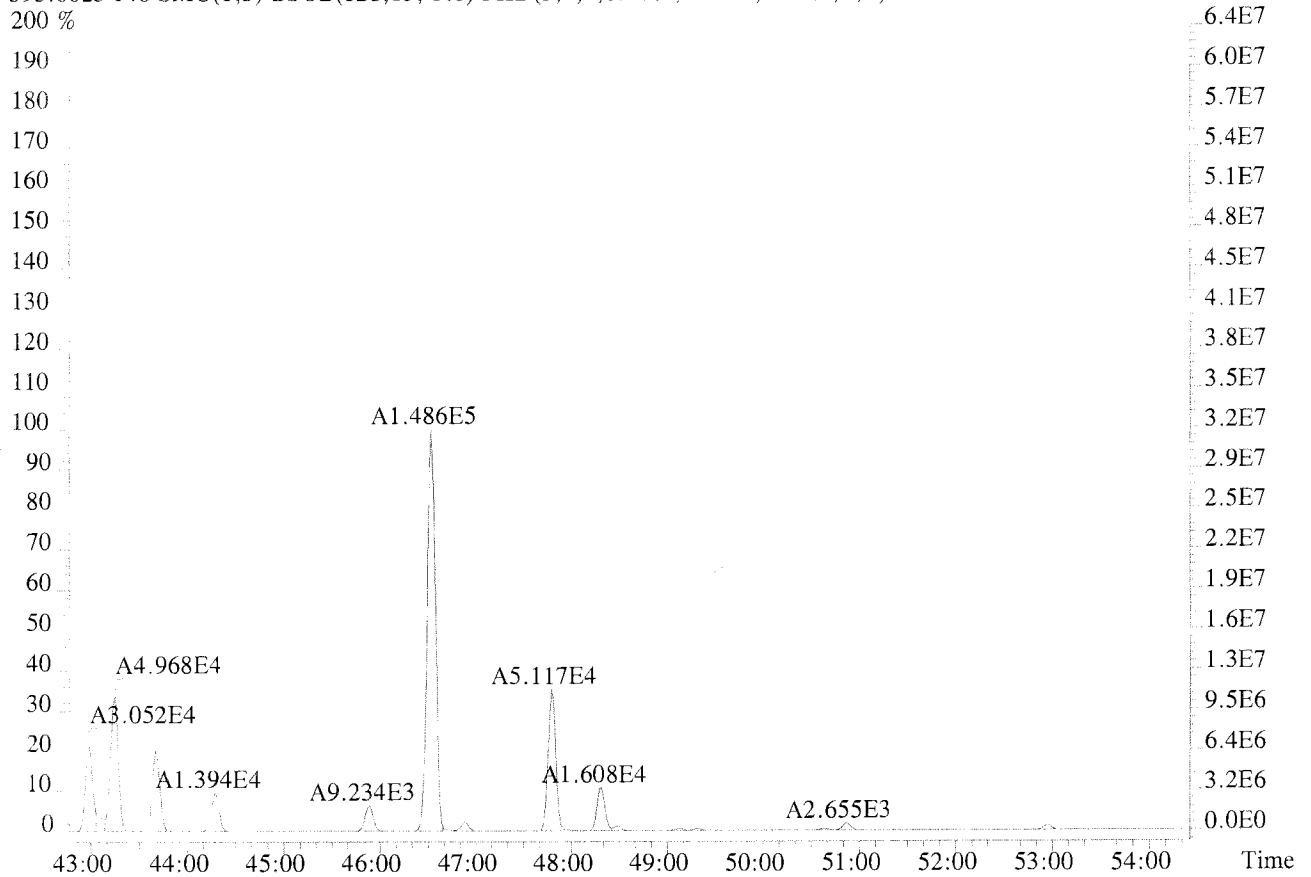
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,T)



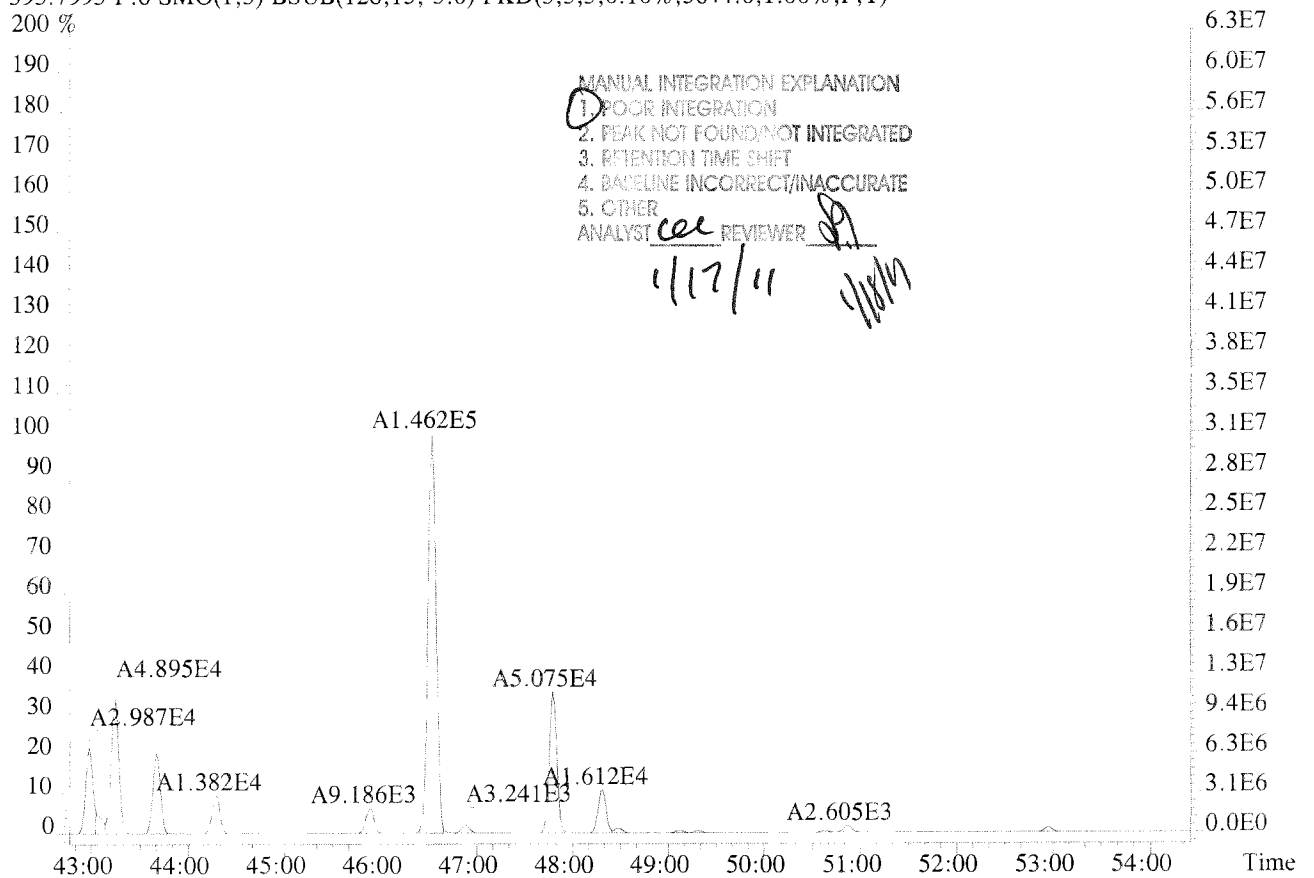
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



File:U224757 #1-577 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass s.f.
 Sample#1 Exp:K1013433-008 USENE/W061
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6704.0,1.00%,F,T)
 200 %



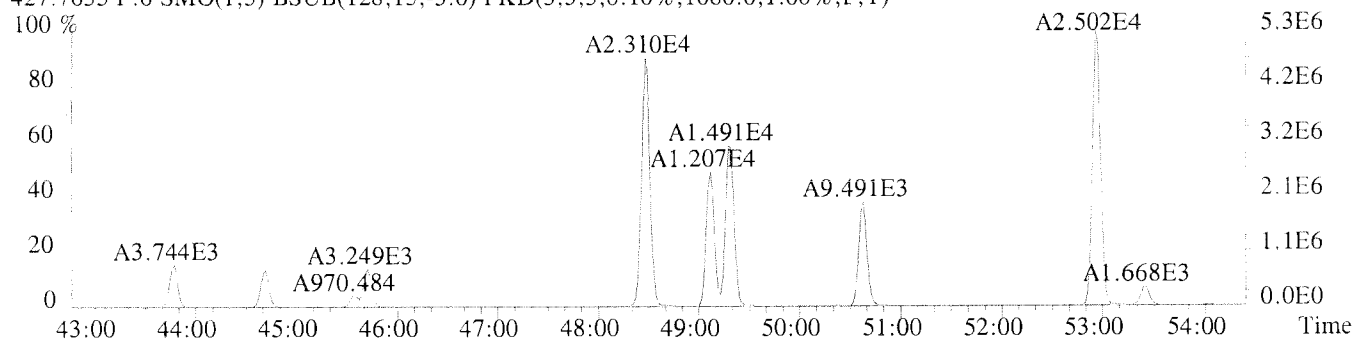
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5644.0,1.00%,F,T)
 200 %



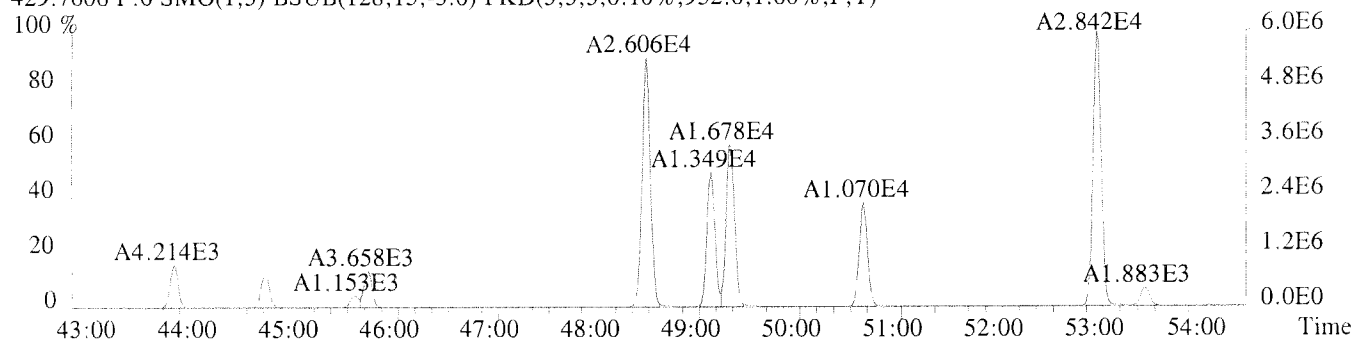
File:U224757 #1-577 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-008 USENE/W061

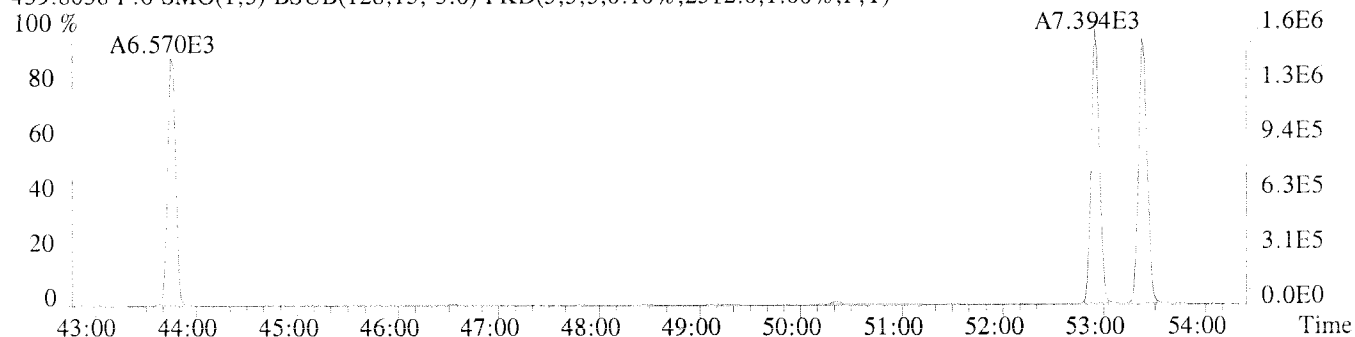
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1080.0,1.00%,F,T)



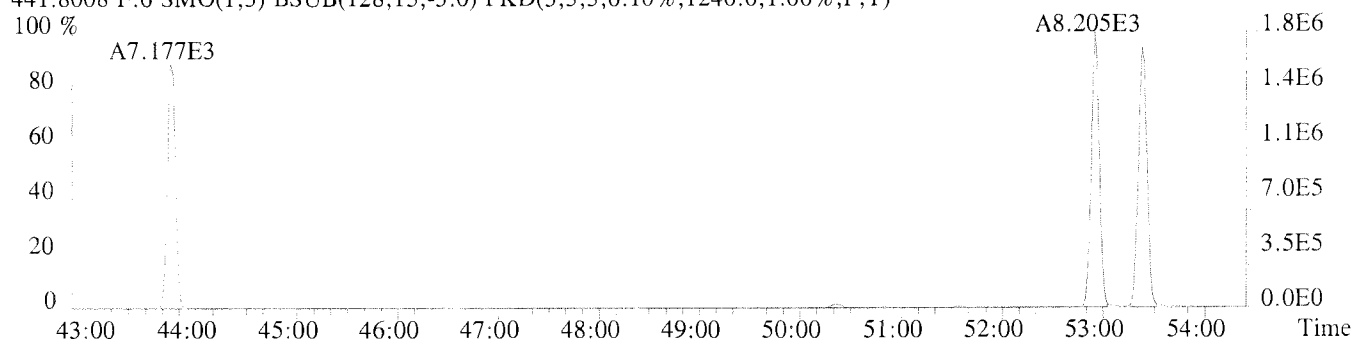
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,952.0,1.00%,F,T)



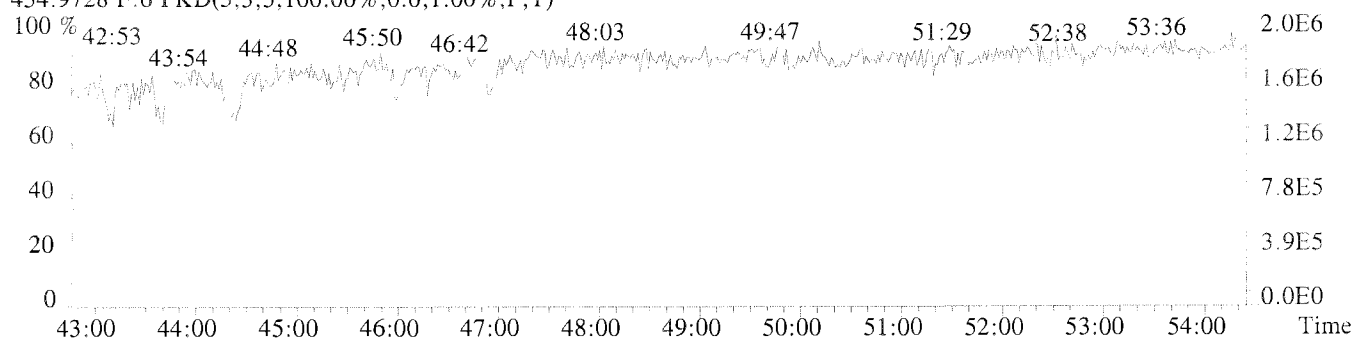
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2312.0,1.00%,F,T)



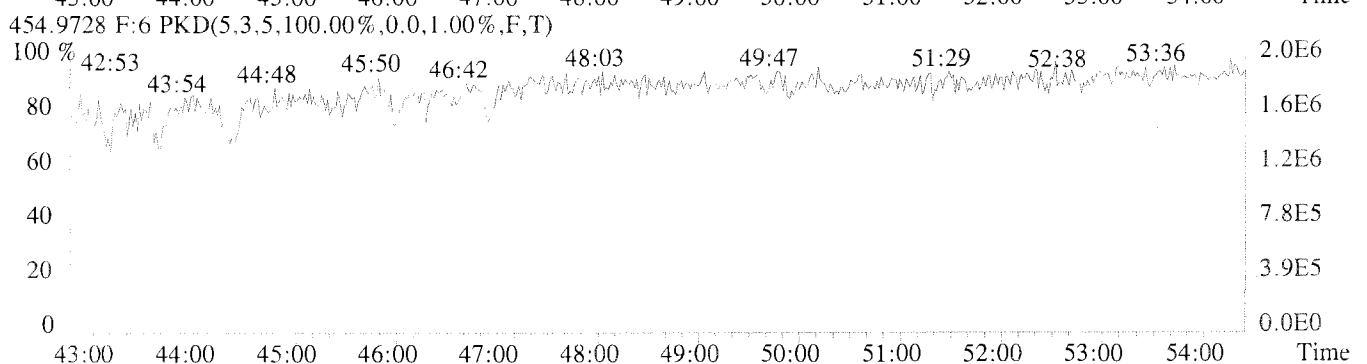
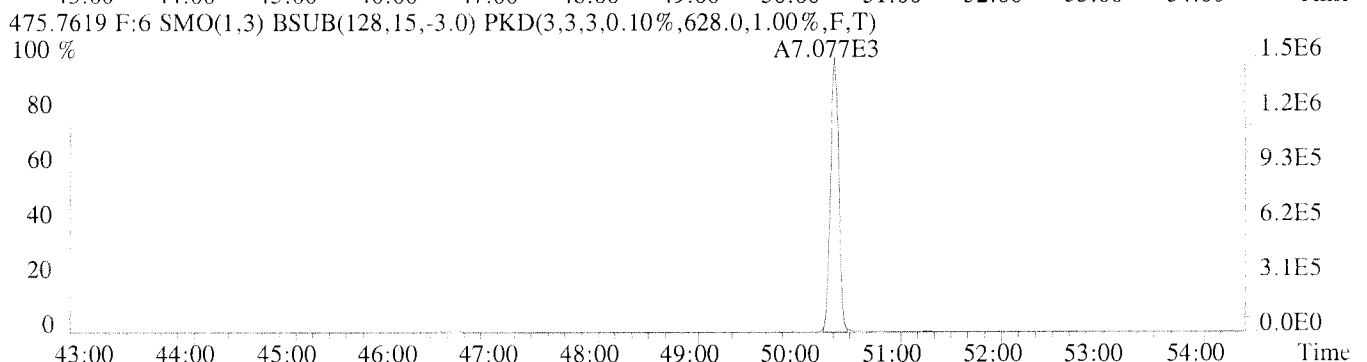
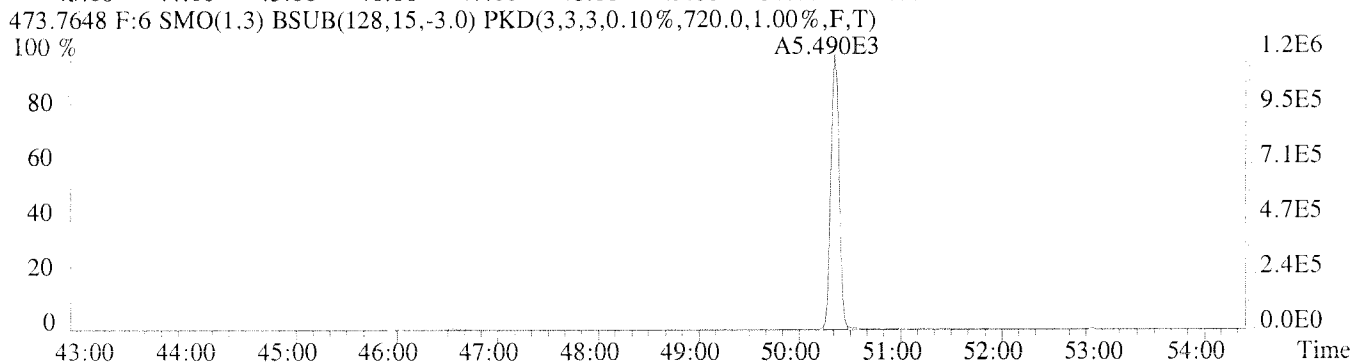
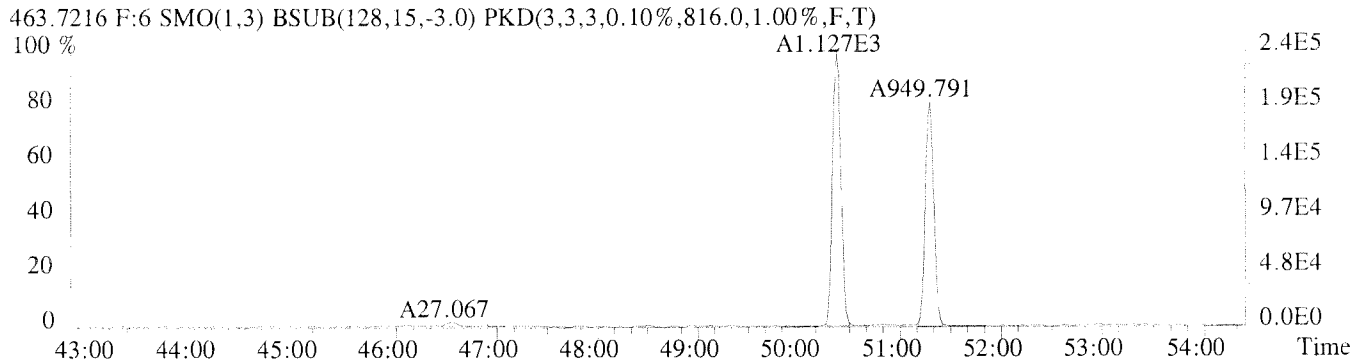
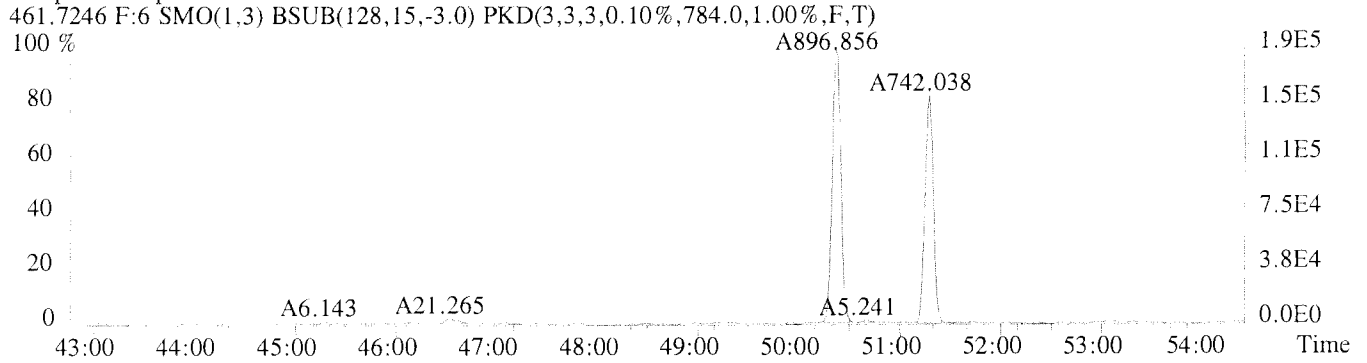
441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1240.0,1.00%,F,T)

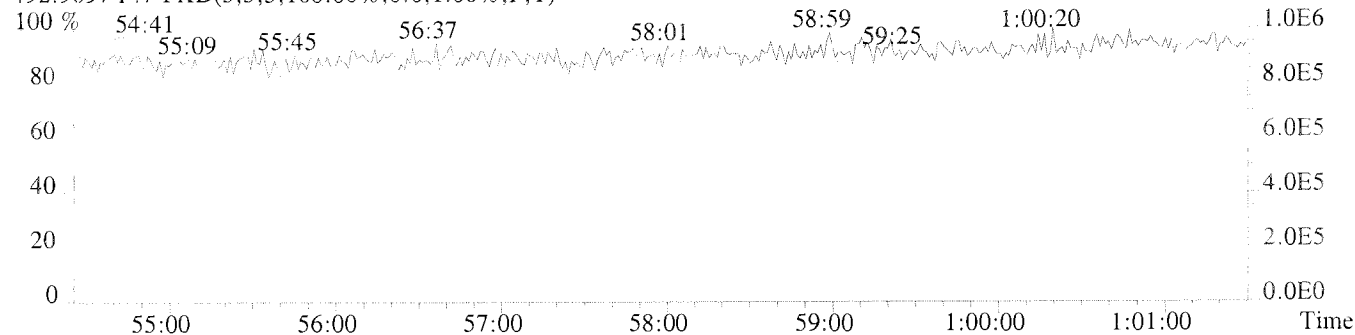
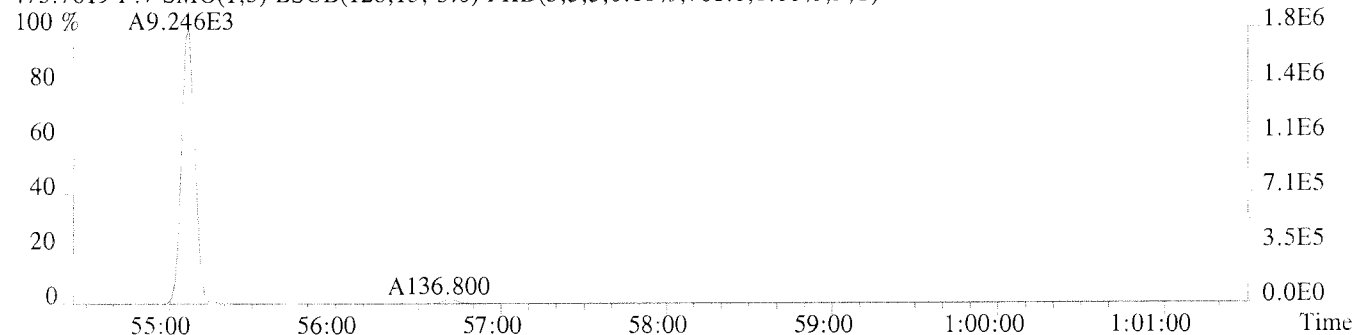
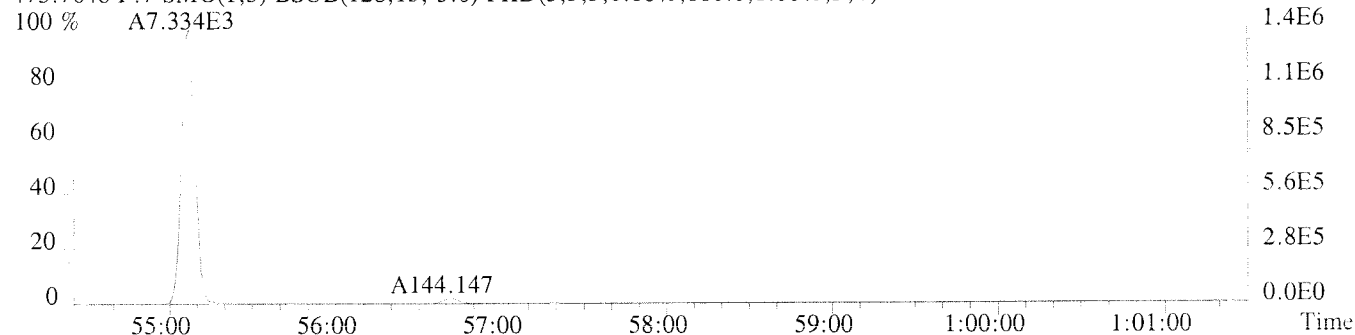
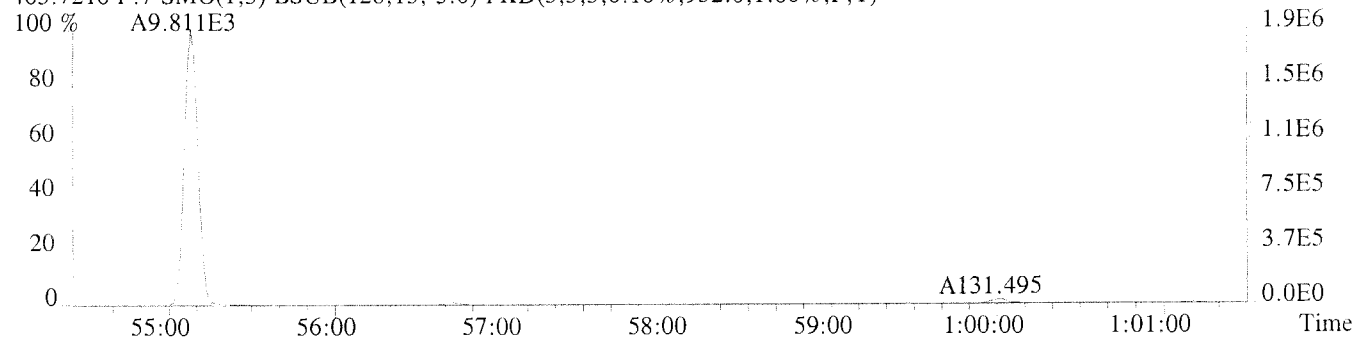
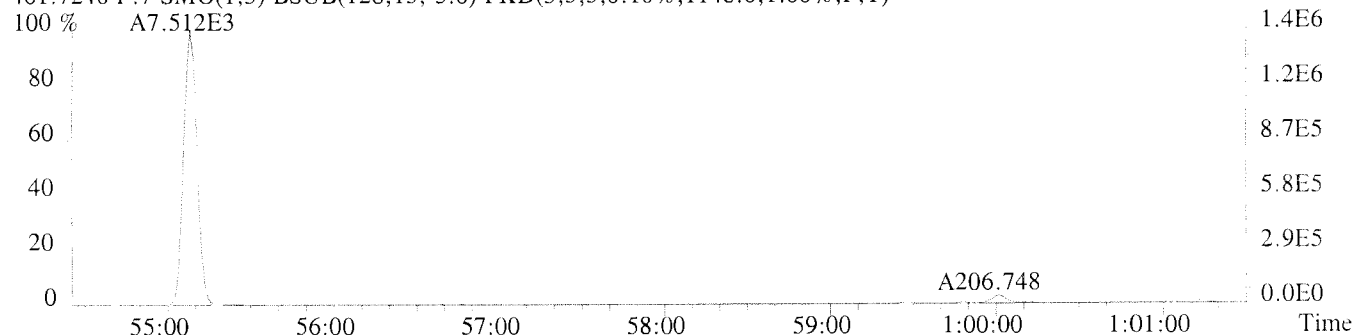


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



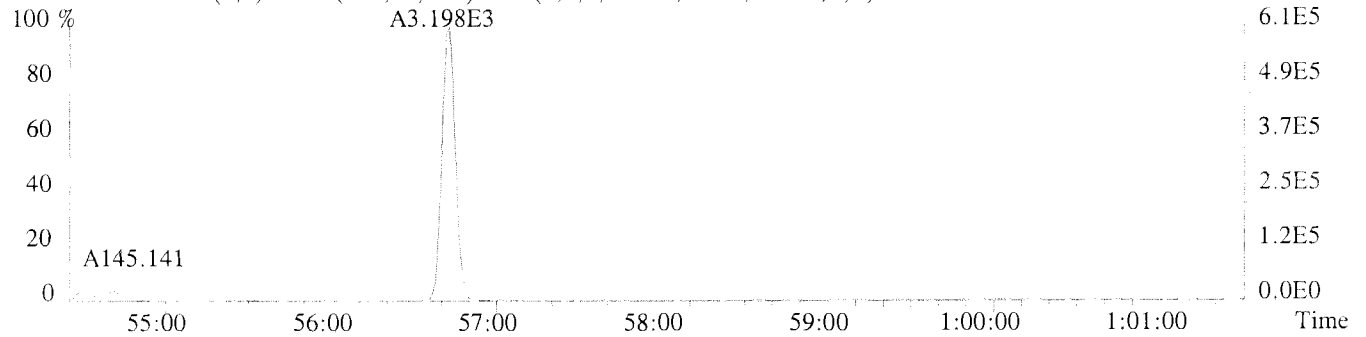
File:U224757 #1-577 Acq:15-JAN-2011 05:23:34 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008 USENE/W061



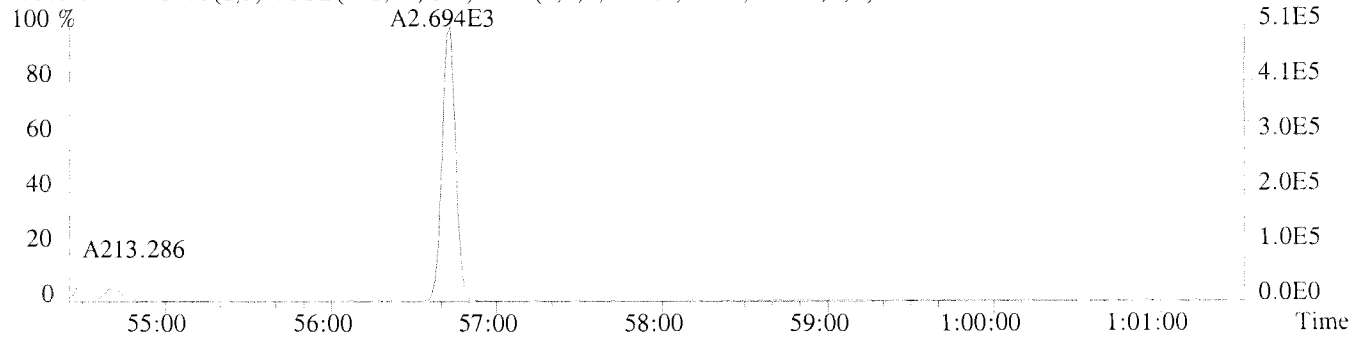


Sample#1 Exp:K1013433-008 USENE/W061

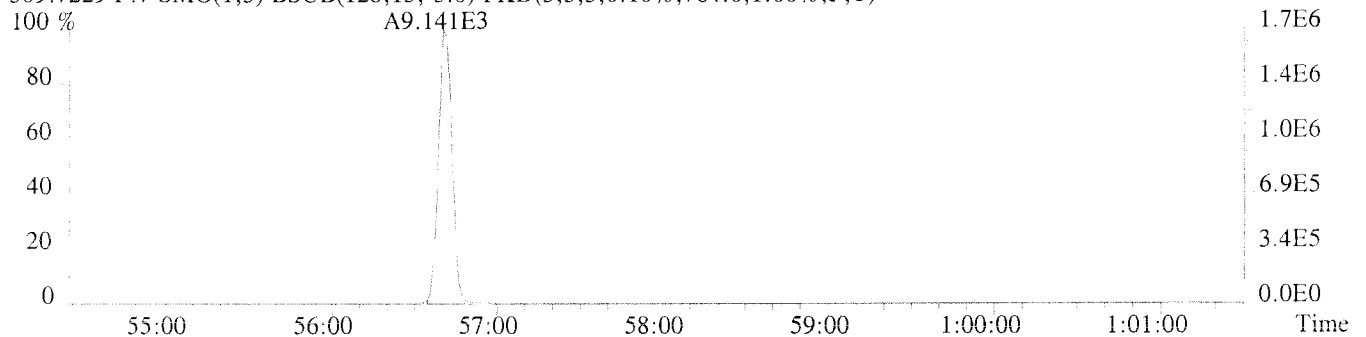
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,860.0,1.00%,F,T)



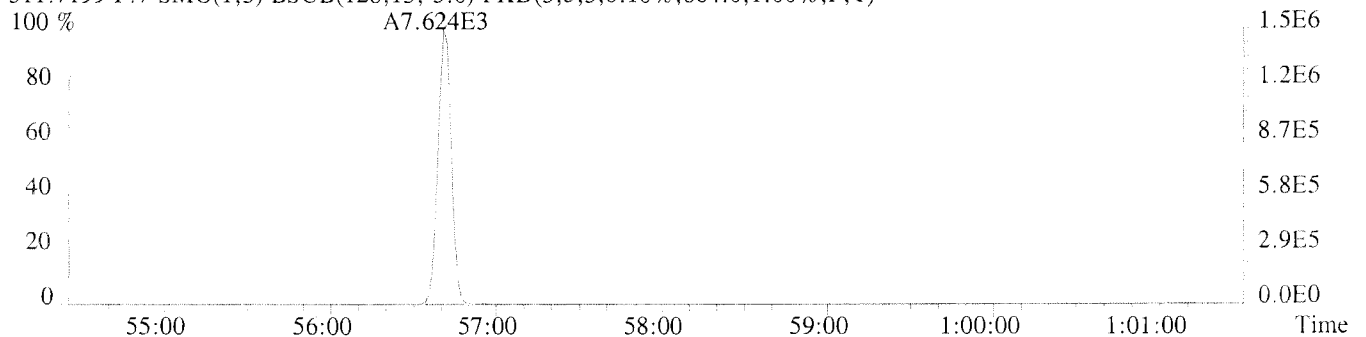
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,704.0,1.00%,F,T)



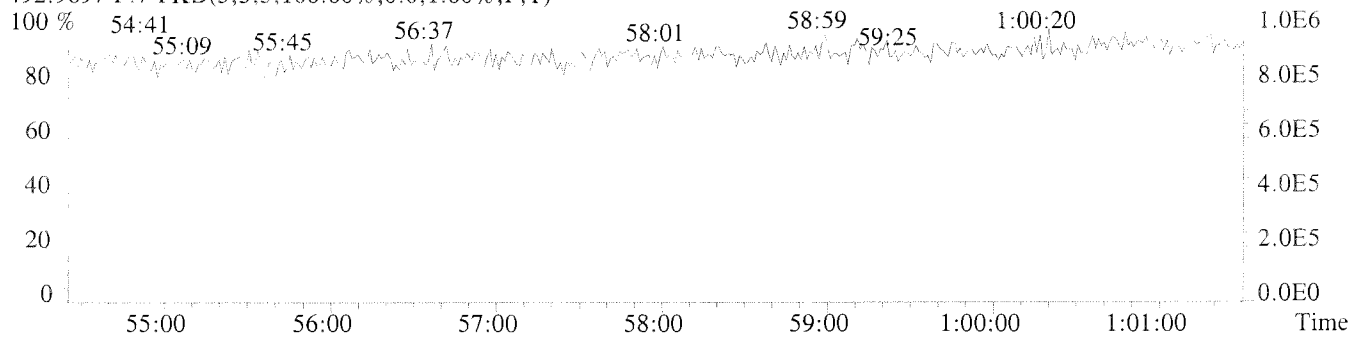
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,764.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,664.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-E/W-06-1

Run #14 Filename U224775
Processed: 18-JAN-11 15:19:03

Samp: 1 Inj: 1 Acquired: 17-JAN-11 14:58:31
Sample ID: K1013433-008DL

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet	Mod?	RRF
1	1	PCB-1	NotFnd	*	*	*	n n	1.0617
2	1	PCB-2	NotFnd	*	*	*	n n	1.0541
3	1	PCB-3	NotFnd	*	*	*	n n	1.0567
4	1	PCB-4	NotFnd	*	*	*	n n	0.9523
5	1	PCB-10	NotFnd	*	*	*	n n	1.3162
6	2	PCB-9	NotFnd	*	*	*	n n	1.0344
7	2	PCB-7	NotFnd	*	*	*	n n	1.0421
8	2	PCB-6	NotFnd	*	*	*	n n	1.0675
9	2	PCB-5	NotFnd	*	*	*	n n	0.8980
10	2	PCB-8	NotFnd	*	*	*	n n	1.1352
11	2	PCB-14	NotFnd	*	*	*	n n	1.0687
12	2	PCB-11	NotFnd	*	*	*	n n	1.0812
13	2	PCB-12/13	NotFnd	*	*	*	n n	1.0148
14	2	PCB-15	NotFnd	*	*	*	n n	0.9734
15	2	PCB-19	NotFnd	*	*	*	n n	1.0211
16	2	PCB-18/30	NotFnd	*	*	*	n n	0.9107
17	2	PCB-17	NotFnd	*	*	*	n n	0.7931
18	2	PCB-27	NotFnd	*	*	*	n n	1.1075
19	2	PCB-24	NotFnd	*	*	*	n n	0.9951
20	2	PCB-16	NotFnd	*	*	*	n n	0.6247
21	2	PCB-32	NotFnd	*	*	*	n n	1.1794
22	3	PCB-34	NotFnd	*	*	*	n n	1.3548
23	3	PCB-23	NotFnd	*	*	*	n n	1.2463
24	3	PCB-26/29	NotFnd	*	*	*	n n	1.3970
25	3	PCB-25	NotFnd	*	*	*	n n	1.5757
26	3	PCB-31	NotFnd	*	*	*	n n	1.4606
27	3	PCB-20/28	NotFnd	*	*	*	n n	1.2810
28	3	PCB-21/33	NotFnd	*	*	*	n n	1.4332
29	3	PCB-22	NotFnd	*	*	*	n n	1.2503
30	3	PCB-36	NotFnd	*	*	*	n n	1.4020
31	3	PCB-39	NotFnd	*	*	*	n n	1.4099
32	3	PCB-38	NotFnd	*	*	*	n n	1.3785
33	3	PCB-35	NotFnd	*	*	*	n n	1.3415
34	3	PCB-37	NotFnd	*	*	*	n n	1.0819
35	2	PCB-54	NotFnd	*	*	*	n n	0.9626
36	3	PCB-50/53	NotFnd	*	*	*	n n	0.7750
37	3	PCB-45/51	NotFnd	*	*	*	n n	0.7550
38	3	PCB-46	NotFnd	*	*	*	n n	0.6764
39	3	PCB-52	NotFnd	*	*	*	n n	0.8241
40	3	PCB-43/73	NotFnd	*	*	*	n n	0.8236
41	3	PCB-49/69	NotFnd	*	*	*	n n	0.9327
42	3	PCB-48	NotFnd	*	*	*	n n	0.7552
43	3	PCB-44/47/65	NotFnd	*	*	*	n n	0.8575
44	3	PCB-59/62/75	NotFnd	*	*	*	n n	1.0336
45	3	PCB-42	NotFnd	*	*	*	n n	0.7598
46	3	PCB-40/41/71	NotFnd	*	*	*	n n	0.7753
47	3	PCB-64	NotFnd	*	*	*	n n	1.1120
48	3	PCB-72	NotFnd	*	*	*	n n	1.1115
49	3	PCB-68	NotFnd	*	*	*	n n	1.0471
50	3	PCB-57	NotFnd	*	*	*	n n	1.0514

51	3	PCB-58	NotFnd	*	*	*	n	n	1.0107
52	3	PCB-67	NotFnd	*	*	*	n	n	1.2004
53	3	PCB-63	NotFnd	*	*	*	n	n	1.1198
54	3	PCB-61/70/74/76	NotFnd	*	*	*	n	n	1.0667
55	3	PCB-66	NotFnd	*	*	*	n	n	1.1266
56	3	PCB-55	NotFnd	*	*	*	n	n	0.9457
57	4	PCB-56	NotFnd	*	*	*	n	n	1.0666
58	4	PCB-60	NotFnd	*	*	*	n	n	1.0281
59	4	PCB-80	NotFnd	*	*	*	n	n	1.2345
60	4	PCB-79	NotFnd	*	*	*	n	n	1.1765
61	4	PCB-78	NotFnd	*	*	*	n	n	1.0368
62	4	PCB-81	NotFnd	*	*	*	n	n	1.0839
63	4	PCB-77	NotFnd	*	*	*	n	n	1.0368
64	3	PCB-104	NotFnd	*	*	*	n	n	1.0032
65	3	PCB-96	NotFnd	*	*	*	n	n	1.1937
66	3	PCB-103	NotFnd	*	*	*	n	n	0.9923
67	3	PCB-94	NotFnd	*	*	*	n	n	0.7946
68	3	PCB-95	NotFnd	*	*	*	n	n	0.9064
69	3	PCB-93/100	NotFnd	*	*	*	n	n	0.8589
70	3	PCB-98/102	NotFnd	*	*	*	n	n	0.8783
71	3	PCB-88/91	NotFnd	*	*	*	n	n	0.8669
72	3	PCB-84	NotFnd	*	*	*	n	n	0.7832
73	3	PCB-89	NotFnd	*	*	*	n	n	0.8175
74	4	PCB-121	NotFnd	*	*	*	n	n	1.0126
75	4	PCB-92	NotFnd	*	*	*	n	n	0.7078
76	4	PCB-90/101/113	NotFnd	*	*	*	n	n	0.8257
77	4	PCB-83/99	NotFnd	*	*	*	n	n	0.6849
78	4	PCB-112	NotFnd	*	*	*	n	n	0.9768
79	4	PCB-86/87/97/109/119/125	NotFnd	*	*	*	n	n	0.7969
80	4	PCB-117	NotFnd	*	*	*	n	n	0.8378
81	4	PCB-85/116	NotFnd	*	*	*	n	n	0.8627
82	4	PCB-110/115	NotFnd	*	*	*	n	n	0.9154
83	4	PCB-82	NotFnd	*	*	*	n	n	0.6012
84	4	PCB-111	NotFnd	*	*	*	n	n	0.8847
85	4	PCB-120	NotFnd	*	*	*	n	n	0.9630
86	5	PCB-108/124	NotFnd	*	*	*	n	n	0.8660
87	5	PCB-107	NotFnd	*	*	*	n	n	0.9679
88	5	PCB-123	NotFnd	*	*	*	n	n	1.0758
89	5	PCB-106	NotFnd	*	*	*	n	n	0.9401
90	5	PCB-118	NotFnd	*	*	*	n	n	1.1029
91	5	PCB-122	NotFnd	*	*	*	n	n	0.8099
92	5	PCB-114	NotFnd	*	*	*	n	n	1.0787
93	5	PCB-105	NotFnd	*	*	*	n	n	1.0593
94	5	PCB-127	NotFnd	*	*	*	n	n	0.8305
95	5	PCB-126	NotFnd	*	*	*	n	n	1.0408
96	4	PCB-155	NotFnd	*	*	*	n	n	0.9771
97	4	PCB-152	NotFnd	*	*	*	n	n	1.8526
98	4	PCB-150	NotFnd	*	*	*	n	n	1.6823
99	4	PCB-136	NotFnd	*	*	*	n	n	1.7659
100	4	PCB-145	NotFnd	*	*	*	n	n	1.6039
101	4	PCB-148	NotFnd	*	*	*	n	n	1.2761
102	4	PCB-135/151	NotFnd	*	*	*	n	n	1.1786
103	4	PCB-154	NotFnd	*	*	*	n	n	1.4069
104	4	PCB-144	NotFnd	*	*	*	n	n	1.2596
105	5	PCB-147/149	NotFnd	*	*	*	n	n	0.9913
106	5	PCB-134	NotFnd	*	*	*	n	n	0.8134
107	5	PCB-143	NotFnd	*	*	*	n	n	0.9599

108	5	PCB-139/140	NotFnd	*	*	*	n	n	0.9649
109	5	PCB-131	NotFnd	*	*	*	n	n	0.8720
110	5	PCB-142	NotFnd	*	*	*	n	n	0.8537
111	5	PCB-132	NotFnd	*	*	*	n	n	0.7901
112	5	PCB-133	NotFnd	*	*	*	n	n	0.8551
113	5	PCB-165	NotFnd	*	*	*	n	n	1.0611
114	5	PCB-146	NotFnd	*	*	*	n	n	1.0650
115	5	PCB-161	NotFnd	*	*	*	n	n	1.1902
116	5	PCB-153/168	NotFnd	*	*	*	n	n	1.1032
117	5	PCB-141	NotFnd	*	*	*	n	n	0.9068
118	5	PCB-130	NotFnd	*	*	*	n	n	0.7682
119	5	PCB-137	NotFnd	*	*	*	n	n	0.8033
120	5	PCB-164	NotFnd	*	*	*	n	n	1.1581
121	5	PCB-129/138/163	NotFnd	*	*	*	n	n	0.8763
122	5	PCB-160	NotFnd	*	*	*	n	n	1.1495
123	5	PCB-158	NotFnd	*	*	*	n	n	1.2203
124	5	PCB-128/166	NotFnd	*	*	*	n	n	1.0052
125	6	PCB-159	NotFnd	*	*	*	n	n	0.8692
126	6	PCB-162	NotFnd	*	*	*	n	n	0.8306
127	6	PCB-167	NotFnd	*	*	*	n	n	1.0299
128	6	PCB-156/157	NotFnd	*	*	*	n	n	1.0644
129	6	PCB-169	NotFnd	*	*	*	n	n	1.0362
130	5	PCB-188	NotFnd	*	*	*	n	n	0.9497
131	5	PCB-179	NotFnd	*	*	*	n	n	1.3157
132	5	PCB-184	NotFnd	*	*	*	n	n	1.2794
133	5	PCB-176	NotFnd	*	*	*	n	n	1.2918
134	5	PCB-186	NotFnd	*	*	*	n	n	1.1683
135	5	PCB-178	NotFnd	*	*	*	n	n	0.8355
136	5	PCB-175	NotFnd	*	*	*	n	n	0.8746
137	5	PCB-187	NotFnd	*	*	*	n	n	1.0732
138	5	PCB-182	NotFnd	*	*	*	n	n	0.9007
139	6	PCB-183	NotFnd	*	*	*	n	y	0.6169
140	6	PCB-185	NotFnd	*	*	*	n	n	0.4962
141	6	PCB-174	NotFnd	*	*	*	n	y	0.5560
142	6	PCB-177	NotFnd	*	*	*	n	y	0.5174
143	6	PCB-181	NotFnd	*	*	*	n	n	0.5073
144	6	PCB-171/173	NotFnd	*	*	*	n	y	0.4833
145	6	PCB-172	NotFnd	*	*	*	n	y	0.4330
146	6	PCB-192	NotFnd	*	*	*	n	n	0.5186
147	6	PCB-180/193	46:31	1.063e+04	1.035e+04	1.03	y	n	0.5218
148	6	PCB-191	NotFnd	*	*	*	n	y	0.5440
149	6	PCB-170	NotFnd	*	*	*	n	y	0.3735
150	6	PCB-190	NotFnd	*	*	*	n	y	0.5257
151	6	PCB-189	NotFnd	*	*	*	n	y	0.9118
152	6	PCB-202	NotFnd	*	*	*	n	n	0.8687
153	6	PCB-201	NotFnd	*	*	*	n	n	1.0343
154	6	PCB-204	NotFnd	*	*	*	n	n	0.9888
155	6	PCB-197	NotFnd	*	*	*	n	n	0.9692
156	6	PCB-200	NotFnd	*	*	*	n	n	1.0198
157	6	PCB-198/199	NotFnd	*	*	*	n	n	0.5581
158	6	PCB-196	NotFnd	*	*	*	n	n	0.5876
159	6	PCB-203	NotFnd	*	*	*	n	n	0.5816
160	6	PCB-195	NotFnd	*	*	*	n	n	0.5191
161	6	PCB-194	NotFnd	*	*	*	n	n	0.4975
162	6	PCB-205	NotFnd	*	*	*	n	n	0.9331
163	6	PCB-208	NotFnd	*	*	*	n	n	0.9147
164	6	PCB-207	NotFnd	*	*	*	n	n	1.1351

165	7	PCB-206	NotFnd		*		*		*	n	n	0.9373
166	7	PCB-209	NotFnd		*		*		*	n	n	0.9245
167	1	PCB-1L	12:56		2.177e+04		6.993e+03		3.11	y	n	1.1278
168	1	PCB-3L	15:08		2.215e+04		7.000e+03		3.16	y	n	1.1560
169	1	PCB-4L	15:23		1.320e+04		8.650e+03		1.53	y	n	0.8995
170	2	PCB-15L	21:19		1.619e+04		1.030e+04		1.57	y	n	1.0207
171	2	PCB-19L	18:31		7.124e+03		7.176e+03		0.99	y	n	0.6111
172	3	PCB-37L	28:20		1.354e+04		1.257e+04		1.08	y	n	1.3160
173	2	PCB-54L	21:36		1.058e+04		1.360e+04		0.78	y	n	1.2721
174	4	PCB-81L	35:02		8.882e+03		1.131e+04		0.79	y	n	1.0738
175	4	PCB-77L	35:36		8.726e+03		1.132e+04		0.77	y	n	1.0702
176	3	PCB-104L	27:04		1.521e+04		9.905e+03		1.54	y	n	1.4912
177	5	PCB-123L	37:33		1.083e+04		6.853e+03		1.58	y	n	1.1778
178	5	PCB-118L	37:53		1.134e+04		7.170e+03		1.58	y	n	1.2110
179	5	PCB-114L	38:24		1.074e+04		6.779e+03		1.58	y	n	1.1896
180	5	PCB-105L	39:04		1.103e+04		7.152e+03		1.54	y	n	1.1605
181	5	PCB-126L	42:08		1.183e+04		7.392e+03		1.60	y	n	1.0617
182	4	PCB-155L	32:41		1.358e+04		1.095e+04		1.24	y	n	1.6959
183	6	PCB-167L	43:57		7.877e+03		6.133e+03		1.28	y	n	1.0133
184	6	PCB-156/157L	45:07		1.512e+04		1.196e+04		1.26	y	n	0.9268
185	6	PCB-169L	48:21		6.968e+03		5.566e+03		1.25	y	n	0.8322
186	5	PCB-188L	38:23		9.494e+03		8.930e+03		1.06	y	n	2.6945
187	6	PCB-189L	50:50		6.044e+03		5.839e+03		1.04	y	n	1.4447
188	6	PCB-202L	43:44		6.227e+03		6.970e+03		0.89	y	n	1.8164
189	6	PCB-205L	53:23		5.498e+03		6.234e+03		0.88	y	n	1.2914
190	6	PCB-208L	50:20		5.341e+03		6.917e+03		0.77	y	n	1.4411
191	7	PCB-206L	55:06		3.792e+03		4.954e+03		0.77	y	n	1.0999
192	7	PCB-209L	56:40		5.873e+03		4.822e+03		1.22	y	n	1.5058
193	3	PCB-28L	24:19		1.429e+03		1.494e+03		0.96	y	n	1.5006
194	4	PCB-111L	35:35		1.233e+03		7.516e+02		1.64	y	n	1.2093
195	5	PCB-178L	41:25		6.838e+02		6.244e+02		1.10	y	n	1.2813
196	2	PCB-9L	17:23		1.638e+04		1.045e+04		1.57	y	n	-
197	3	PCB-52L	26:08		8.393e+03		1.071e+04		0.78	y	n	-
198	4	PCB-101L	32:56		1.037e+04		6.394e+03		1.62	y	n	-
199	5	PCB-138L	40:58		9.276e+03		7.529e+03		1.23	y	n	-
200	6	PCB-194L	52:54		4.137e+03		4.574e+03		0.90	y	n	-

$$PCB209 = \frac{(9.06e+02 + 8.16e+02) \times 10000 \times 25 \times 10}{(1.10e+06 + 9.21e+05) \times 5.382 \times 10^{-9245} / 67} = 6390 \text{ ng/kg}$$

$$PCB180/193 = \frac{(1.063e+04 + 1.035e+04) \times 10000 \times 20}{(9.49e+03 + 8.93e+03) \times (6.04e+03 + 5.84e+03) \times 5.382 \times 10^{-1.61}} = 80819 \text{ ng/kg}$$

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sp166resp
 02/2009

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
USEN-E/W-06-1

Run #14 Filename U224775#1 Samp: 1 Inj: 1 Acquired: 17-JAN-11 14:58:31

Processed: 18-JAN-11 15:19:03 LAB. ID: K1013433-008DL

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	*	2.33e+03	*	*	1.74e+03	*
2	PCB-2	*	2.33e+03	*	*	1.74e+03	*
3	PCB-3	*	2.33e+03	*	*	1.74e+03	*
4	PCB-4	*	2.37e+03	*	*	1.08e+04	*
5	PCB-10	*	2.37e+03	*	*	1.08e+04	*
6	PCB-9	*	3.08e+03	*	*	1.25e+04	*
7	PCB-7	*	3.08e+03	*	*	1.25e+04	*
8	PCB-6	*	3.08e+03	*	*	1.25e+04	*
9	PCB-5	*	3.08e+03	*	*	1.25e+04	*
10	PCB-8	*	3.08e+03	*	*	1.25e+04	*
11	PCB-14	*	3.08e+03	*	*	1.25e+04	*
12	PCB-11	*	3.08e+03	*	*	1.25e+04	*
13	PCB-12/13	*	3.08e+03	*	*	1.25e+04	*
14	PCB-15	*	3.08e+03	*	*	1.25e+04	*
15	PCB-19	*	2.20e+03	*	*	2.11e+03	*
16	PCB-18/30	*	2.20e+03	*	*	2.11e+03	*
17	PCB-17	*	2.20e+03	*	*	2.11e+03	*
18	PCB-27	*	2.20e+03	*	*	2.11e+03	*
19	PCB-24	*	2.20e+03	*	*	2.11e+03	*
20	PCB-16	*	2.20e+03	*	*	2.11e+03	*
21	PCB-32	*	2.20e+03	*	*	2.11e+03	*
22	PCB-34	*	3.46e+03	*	*	3.57e+03	*
23	PCB-23	*	3.46e+03	*	*	3.57e+03	*
24	PCB-26/29	*	3.46e+03	*	*	3.57e+03	*
25	PCB-25	*	3.46e+03	*	*	3.57e+03	*
26	PCB-31	*	3.46e+03	*	*	3.57e+03	*
27	PCB-20/28	*	3.46e+03	*	*	3.57e+03	*
28	PCB-21/33	*	3.46e+03	*	*	3.57e+03	*
29	PCB-22	*	3.46e+03	*	*	3.57e+03	*
30	PCB-36	*	3.46e+03	*	*	3.57e+03	*
31	PCB-39	*	3.46e+03	*	*	3.57e+03	*
32	PCB-38	*	3.46e+03	*	*	3.57e+03	*
33	PCB-35	*	3.46e+03	*	*	3.57e+03	*
34	PCB-37	*	3.46e+03	*	*	3.57e+03	*
35	PCB-54	*	9.08e+02	*	*	8.64e+02	*
36	PCB-50/53	*	8.00e+02	*	*	8.64e+02	*
37	PCB-45/51	*	8.00e+02	*	*	8.64e+02	*
38	PCB-46	*	8.00e+02	*	*	8.64e+02	*
39	PCB-52	*	8.00e+02	*	*	8.64e+02	*
40	PCB-43/73	*	8.00e+02	*	*	8.64e+02	*
41	PCB-49/69	*	8.00e+02	*	*	8.64e+02	*
42	PCB-48	*	8.00e+02	*	*	8.64e+02	*
43	PCB-44/47/65	*	8.00e+02	*	*	8.64e+02	*
44	PCB-59/62/75	*	8.00e+02	*	*	8.64e+02	*
45	PCB-42	*	8.00e+02	*	*	8.64e+02	*
46	PCB-40/41/71	*	8.00e+02	*	*	8.64e+02	*
47	PCB-64	*	8.00e+02	*	*	8.64e+02	*

48	PCB-72	*	8.00e+02	*	*	8.64e+02	*
49	PCB-68	*	8.00e+02	*	*	8.64e+02	*
50	PCB-57	*	8.00e+02	*	*	8.64e+02	*
51	PCB-58	*	8.00e+02	*	*	8.64e+02	*
52	PCB-67	*	8.00e+02	*	*	8.64e+02	*
53	PCB-63	*	8.00e+02	*	*	8.64e+02	*
54	PCB-61/70/74/76	*	8.00e+02	*	*	8.64e+02	*
55	PCB-66	*	8.00e+02	*	*	8.64e+02	*
56	PCB-55	*	8.00e+02	*	*	8.64e+02	*
57	PCB-56	*	1.58e+03	*	*	2.71e+03	*
58	PCB-60	*	1.58e+03	*	*	2.71e+03	*
59	PCB-80	*	1.58e+03	*	*	2.71e+03	*
60	PCB-79	*	1.58e+03	*	*	2.71e+03	*
61	PCB-78	*	1.58e+03	*	*	2.71e+03	*
62	PCB-81	*	1.58e+03	*	*	2.71e+03	*
63	PCB-77	*	1.58e+03	*	*	2.71e+03	*
64	PCB-104	*	1.08e+03	*	*	1.67e+03	*
65	PCB-96	*	1.08e+03	*	*	1.67e+03	*
66	PCB-103	*	1.08e+03	*	*	1.67e+03	*
67	PCB-94	*	1.08e+03	*	*	1.67e+03	*
68	PCB-95	*	1.08e+03	*	*	1.67e+03	*
69	PCB-93/100	*	1.08e+03	*	*	1.67e+03	*
70	PCB-98/102	*	1.08e+03	*	*	1.67e+03	*
71	PCB-88/91	*	1.08e+03	*	*	1.67e+03	*
72	PCB-84	*	1.08e+03	*	*	1.67e+03	*
73	PCB-89	*	1.08e+03	*	*	1.67e+03	*
74	PCB-121	*	5.11e+03	*	*	3.55e+03	*
75	PCB-92	*	5.11e+03	*	*	3.55e+03	*
76	PCB-90/101/113	*	5.11e+03	*	*	3.55e+03	*
77	PCB-83/99	*	5.11e+03	*	*	3.55e+03	*
78	PCB-112	*	5.11e+03	*	*	3.55e+03	*
79	CB-86/87/97/109/119/125	*	5.11e+03	*	*	3.55e+03	*
80	PCB-117	*	5.11e+03	*	*	3.55e+03	*
81	PCB-85/116	*	5.11e+03	*	*	3.55e+03	*
82	PCB-110/115	*	5.11e+03	*	*	3.55e+03	*
83	PCB-82	*	5.11e+03	*	*	3.55e+03	*
84	PCB-111	*	5.11e+03	*	*	3.55e+03	*
85	PCB-120	*	5.11e+03	*	*	3.55e+03	*
86	PCB-108/124	*	2.37e+03	*	*	4.02e+03	*
87	PCB-107	*	2.37e+03	*	*	4.02e+03	*
88	PCB-123	*	2.37e+03	*	*	4.02e+03	*
89	PCB-106	*	2.37e+03	*	*	4.02e+03	*
90	PCB-118	*	2.37e+03	*	*	4.02e+03	*
91	PCB-122	*	2.37e+03	*	*	4.02e+03	*
92	PCB-114	*	2.37e+03	*	*	4.02e+03	*
93	PCB-105	*	2.37e+03	*	*	4.02e+03	*
94	PCB-127	*	2.37e+03	*	*	4.02e+03	*
95	PCB-126	*	2.37e+03	*	*	4.02e+03	*
96	PCB-155	*	1.32e+03	*	*	1.38e+03	*
97	PCB-152	*	1.32e+03	*	*	1.38e+03	*
98	PCB-150	*	1.32e+03	*	*	1.38e+03	*
99	PCB-136	*	1.32e+03	*	*	1.38e+03	*
100	PCB-145	*	1.32e+03	*	*	1.38e+03	*
101	PCB-148	*	1.32e+03	*	*	1.38e+03	*
102	PCB-135/151	*	1.32e+03	*	*	1.38e+03	*
103	PCB-154	*	1.32e+03	*	*	1.38e+03	*
104	PCB-144	*	1.32e+03	*	*	1.38e+03	*

105	PCB-147/149	*	3.65e+03	*	*	2.46e+03	*
106	PCB-134	*	3.65e+03	*	*	2.46e+03	*
107	PCB-143	*	3.65e+03	*	*	2.46e+03	*
108	PCB-139/140	*	3.65e+03	*	*	2.46e+03	*
109	PCB-131	*	3.65e+03	*	*	2.46e+03	*
110	PCB-142	*	3.65e+03	*	*	2.46e+03	*
111	PCB-132	*	3.65e+03	*	*	2.46e+03	*
112	PCB-133	*	3.65e+03	*	*	2.46e+03	*
113	PCB-165	*	3.65e+03	*	*	2.46e+03	*
114	PCB-146	*	3.65e+03	*	*	2.46e+03	*
115	PCB-161	*	3.65e+03	*	*	2.46e+03	*
116	PCB-153/168	*	3.65e+03	*	*	2.46e+03	*
117	PCB-141	*	3.65e+03	*	*	2.46e+03	*
118	PCB-130	*	3.65e+03	*	*	2.46e+03	*
119	PCB-137	*	3.65e+03	*	*	2.46e+03	*
120	PCB-164	*	3.65e+03	*	*	2.46e+03	*
121	PCB-129/138/163	*	3.65e+03	*	*	2.46e+03	*
122	PCB-160	*	3.65e+03	*	*	2.46e+03	*
123	PCB-158	*	3.65e+03	*	*	2.46e+03	*
124	PCB-128/166	*	3.65e+03	*	*	2.46e+03	*
125	PCB-159	*	1.24e+03	*	*	1.44e+03	*
126	PCB-162	*	1.24e+03	*	*	1.44e+03	*
127	PCB-167	*	1.24e+03	*	*	1.44e+03	*
128	PCB-156/157	*	1.24e+03	*	*	1.44e+03	*
129	PCB-169	*	1.24e+03	*	*	1.44e+03	*
130	PCB-188	*	9.52e+02	*	*	7.24e+02	*
131	PCB-179	*	9.52e+02	*	*	7.24e+02	*
132	PCB-184	*	9.52e+02	*	*	7.24e+02	*
133	PCB-176	*	9.52e+02	*	*	7.24e+02	*
134	PCB-186	*	9.52e+02	*	*	7.24e+02	*
135	PCB-178	*	9.52e+02	*	*	7.24e+02	*
136	PCB-175	*	9.52e+02	*	*	7.24e+02	*
137	PCB-187	*	9.52e+02	*	*	7.24e+02	*
138	PCB-182	*	9.52e+02	*	*	7.24e+02	*
139	PCB-183	*	2.30e+03	*	*	2.13e+03	*
140	PCB-185	*	2.30e+03	*	*	2.13e+03	*
141	PCB-174	*	2.30e+03	*	*	2.13e+03	*
142	PCB-177	*	2.30e+03	*	*	2.13e+03	*
143	PCB-181	*	2.30e+03	*	*	2.13e+03	*
144	PCB-171/173	*	2.30e+03	*	*	2.13e+03	*
145	PCB-172	*	2.30e+03	*	*	2.13e+03	*
146	PCB-192	*	2.30e+03	*	*	2.13e+03	*
147	PCB-180/193	2.11e+06	2.30e+03	9.1e+02	2.05e+06	2.13e+03	9.6e+02
148	PCB-191	*	2.30e+03	*	*	2.13e+03	*
149	PCB-170	*	2.30e+03	*	*	2.13e+03	*
150	PCB-190	*	2.30e+03	*	*	2.13e+03	*
151	PCB-189	*	2.30e+03	*	*	2.13e+03	*
152	PCB-202	*	1.17e+03	*	*	1.18e+03	*
153	PCB-201	*	1.17e+03	*	*	1.18e+03	*
154	PCB-204	*	1.17e+03	*	*	1.18e+03	*
155	PCB-197	*	1.17e+03	*	*	1.18e+03	*
156	PCB-200	*	1.17e+03	*	*	1.18e+03	*
157	PCB-198/199	*	1.17e+03	*	*	1.18e+03	*
158	PCB-196	*	1.17e+03	*	*	1.18e+03	*
159	PCB-203	*	1.17e+03	*	*	1.18e+03	*
160	PCB-195	*	1.17e+03	*	*	1.18e+03	*
161	PCB-194	*	1.17e+03	*	*	1.18e+03	*
162	PCB-205	*	1.17e+03	*	*	1.18e+03	*

Run #14

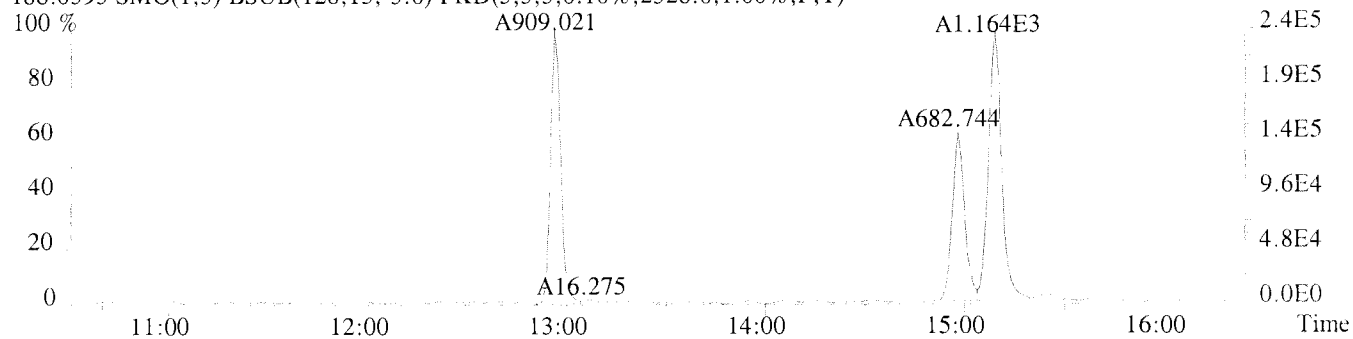
Filename U224775#1 Samp: 1

Acquired: 17-JAN-11 14:58:31

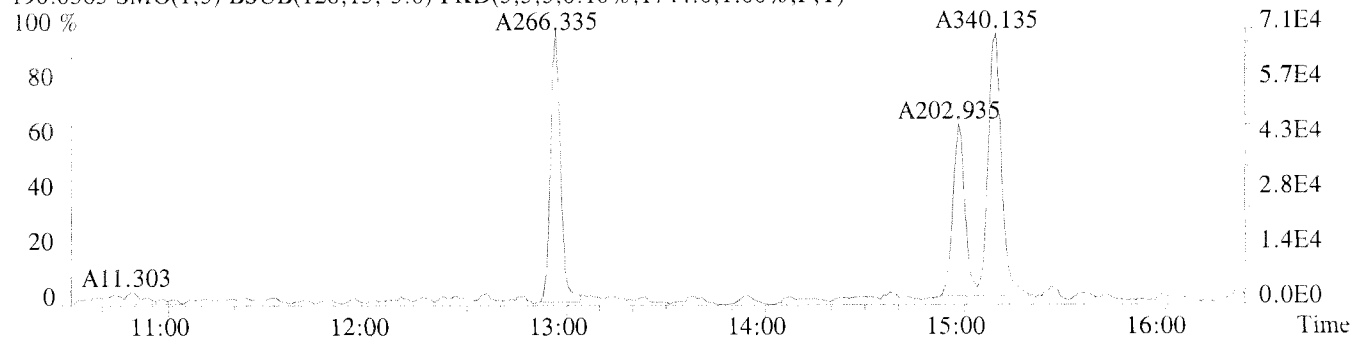
163	PCB-208	*	1.10e+03	*	*	1.13e+03	*
164	PCB-207	*	1.10e+03	*	*	1.13e+03	*
165	PCB-206	*	9.48e+02	*	*	7.44e+02	*
166	PCB-209	*	9.08e+02	*	*	8.16e+02	*
167	PCB-11L	5.77e+06	1.90e+03	3.0e+03	1.88e+06	1.26e+04	1.5e+02
168	PCB-3L	4.58e+06	1.90e+03	2.4e+03	1.43e+06	1.26e+04	1.1e+02
169	PCB-4L	2.95e+06	3.63e+03	8.1e+02	1.94e+06	1.88e+03	1.0e+03
170	PCB-15L	2.52e+06	7.27e+03	3.5e+02	1.58e+06	2.78e+03	5.7e+02
171	PCB-19L	1.61e+06	4.61e+04	3.5e+01	1.57e+06	1.93e+04	8.1e+01
172	PCB-37L	1.83e+06	1.07e+04	1.7e+02	1.77e+06	1.05e+04	1.7e+02
173	PCB-54L	2.25e+06	3.02e+03	7.4e+02	2.90e+06	1.07e+03	2.7e+03
174	PCB-81L	1.25e+06	2.47e+03	5.1e+02	1.57e+06	1.25e+03	1.3e+03
175	PCB-77L	1.24e+06	2.47e+03	5.0e+02	1.53e+06	1.25e+03	1.2e+03
176	PCB-104L	2.80e+06	9.76e+02	2.9e+03	1.84e+06	9.24e+02	2.0e+03
177	PCB-123L	1.78e+06	3.78e+03	4.7e+02	1.12e+06	1.48e+03	7.6e+02
178	PCB-118L	1.88e+06	3.78e+03	5.0e+02	1.17e+06	1.48e+03	8.0e+02
179	PCB-114L	1.77e+06	3.78e+03	4.7e+02	1.12e+06	1.48e+03	7.6e+02
180	PCB-105L	1.77e+06	3.78e+03	4.7e+02	1.14e+06	1.48e+03	7.7e+02
181	PCB-126L	1.69e+06	3.78e+03	4.5e+02	1.05e+06	1.48e+03	7.1e+02
182	PCB-155L	2.52e+06	1.38e+03	1.8e+03	2.03e+06	1.65e+03	1.2e+03
183	PCB-167L	1.64e+06	9.64e+02	1.7e+03	1.30e+06	8.28e+02	1.6e+03
184	PCB-156/157L	2.23e+06	9.64e+02	2.3e+03	1.73e+06	8.28e+02	2.1e+03
185	PCB-169L	1.21e+06	9.64e+02	1.3e+03	9.36e+05	8.28e+02	1.1e+03
186	PCB-188L	1.71e+06	1.06e+03	1.6e+03	1.62e+06	8.56e+02	1.9e+03
187	PCB-189L	1.14e+06	1.12e+03	1.0e+03	1.08e+06	1.22e+03	8.8e+02
188	PCB-202L	1.35e+06	9.88e+02	1.4e+03	1.50e+06	1.29e+03	1.2e+03
189	PCB-205L	1.08e+06	9.88e+02	1.1e+03	1.24e+06	1.29e+03	9.6e+02
190	PCB-208L	1.13e+06	1.06e+03	1.1e+03	1.49e+06	1.00e+03	1.5e+03
191	PCB-206L	7.38e+05	6.92e+02	1.1e+03	9.44e+05	1.04e+03	9.1e+02
192	PCB-209L	1.10e+06	3.44e+02	3.2e+03	9.21e+05	7.88e+02	1.2e+03
193	PCB-28L	2.48e+05	1.07e+04	2.3e+01	2.46e+05	1.05e+04	2.3e+01
194	PCB-111L	2.14e+05	1.46e+03	1.5e+02	1.37e+05	1.80e+03	7.6e+01
195	PCB-178L	1.23e+05	1.06e+03	1.2e+02	1.19e+05	8.56e+02	1.4e+02
196	PCB-9L	3.41e+06	7.27e+03	4.7e+02	2.19e+06	2.78e+03	7.9e+02
197	PCB-52L	1.50e+06	2.05e+03	7.3e+02	1.90e+06	1.58e+03	1.2e+03
198	PCB-101L	1.78e+06	1.46e+03	1.2e+03	1.11e+06	1.80e+03	6.2e+02
199	PCB-138L	1.64e+06	7.04e+02	2.3e+03	1.34e+06	1.04e+03	1.3e+03
200	PCB-194L	8.37e+05	9.88e+02	8.5e+02	9.22e+05	1.29e+03	7.2e+02

File:U224775 #1-379 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008DL USENE/W06

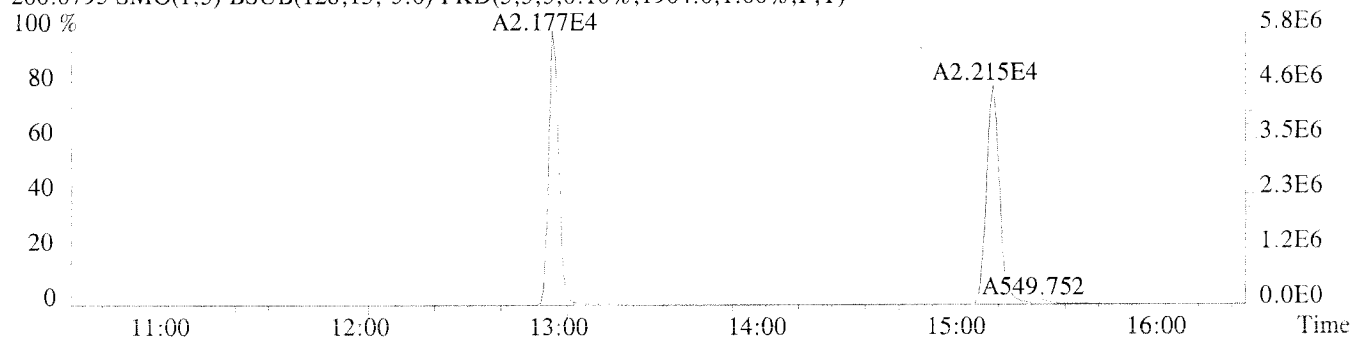
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2328.0,1.00%,F,T)



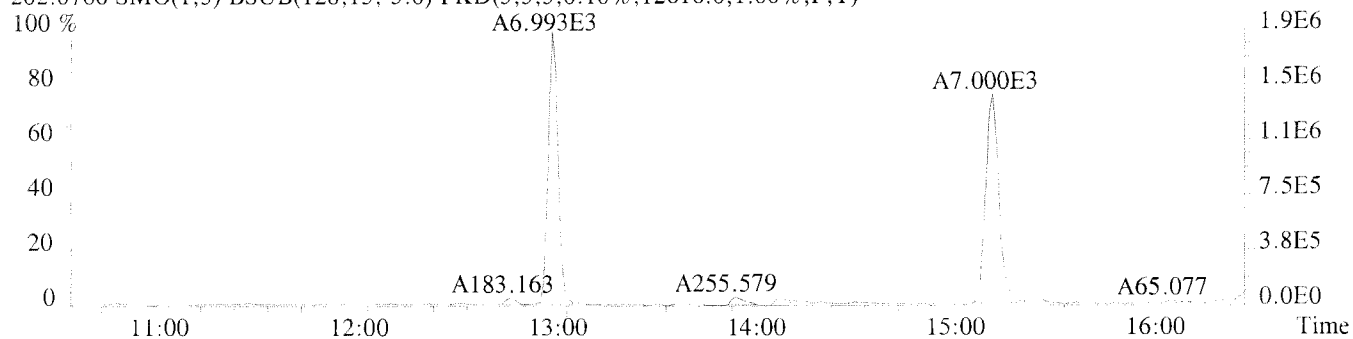
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1744.0,1.00%,F,T)



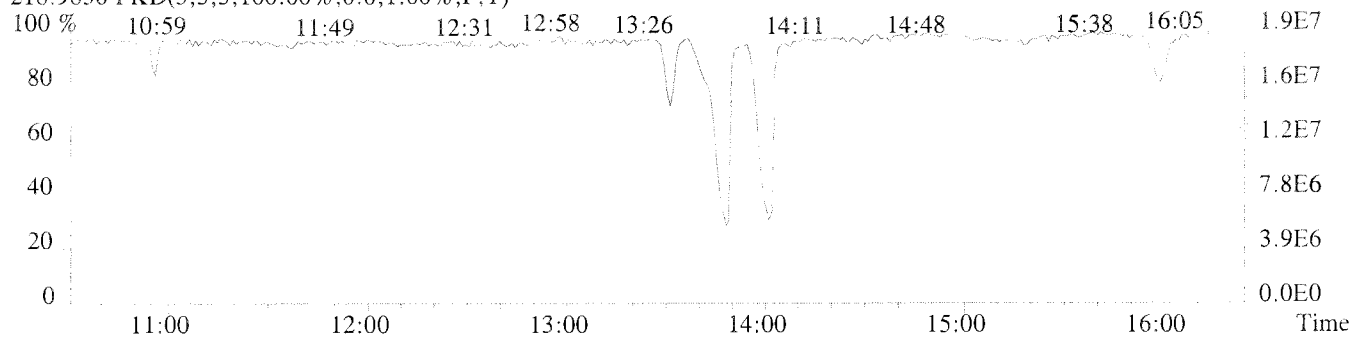
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1904.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12616.0,1.00%,F,T)



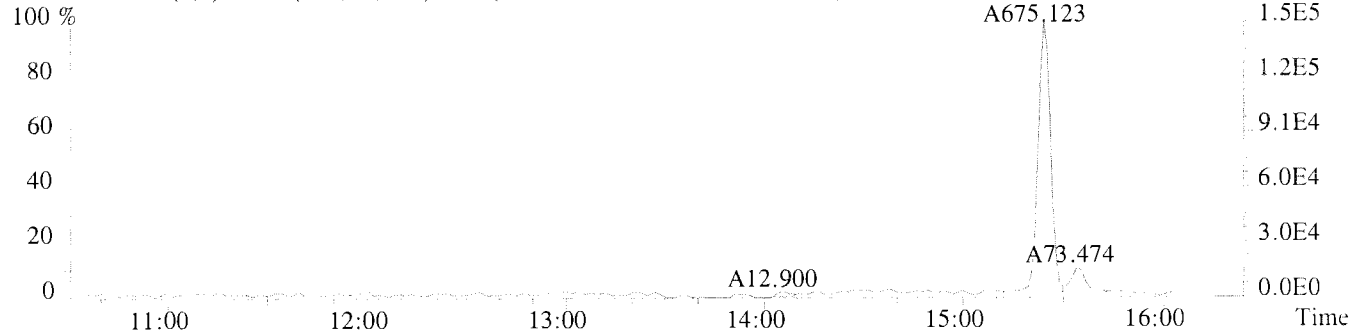
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



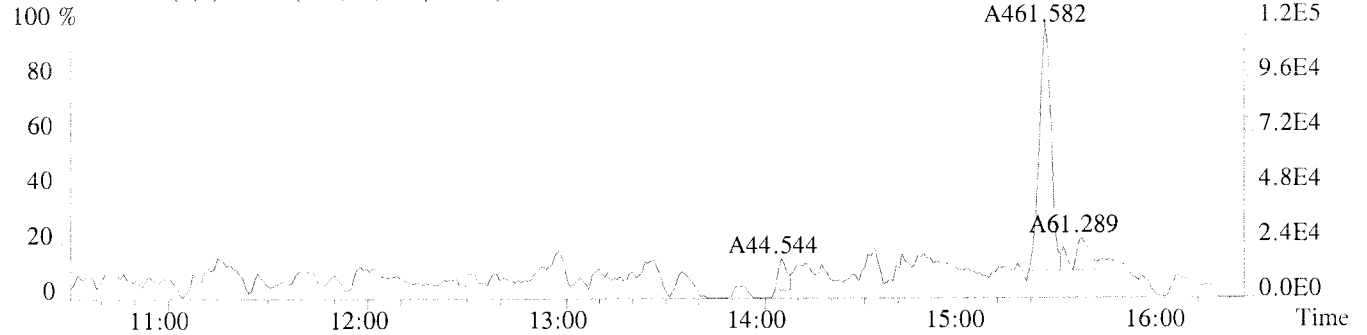
File:U224775 #1-379 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-008DL USENE/W06

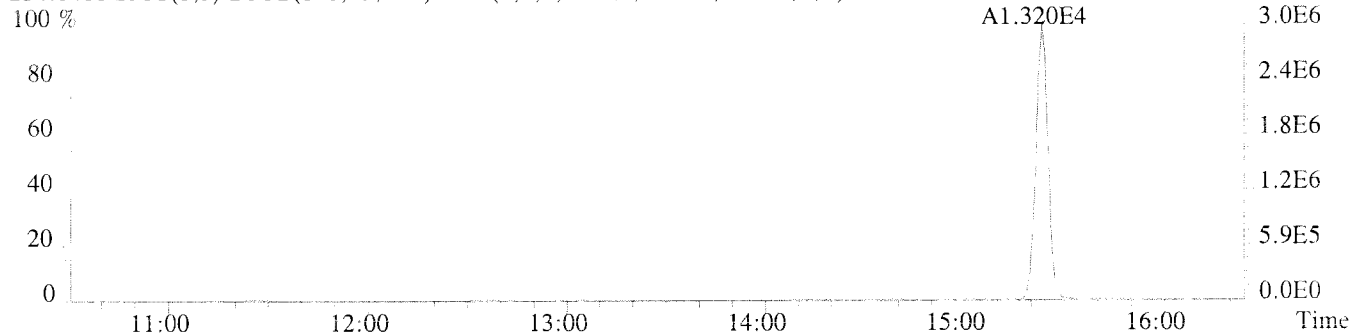
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2372.0,1.00%,F,T)



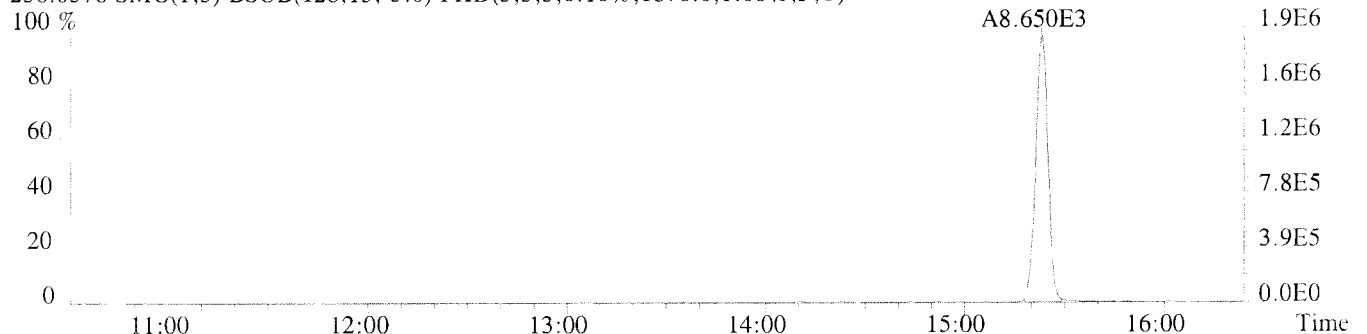
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10764.0,1.00%,F,T)



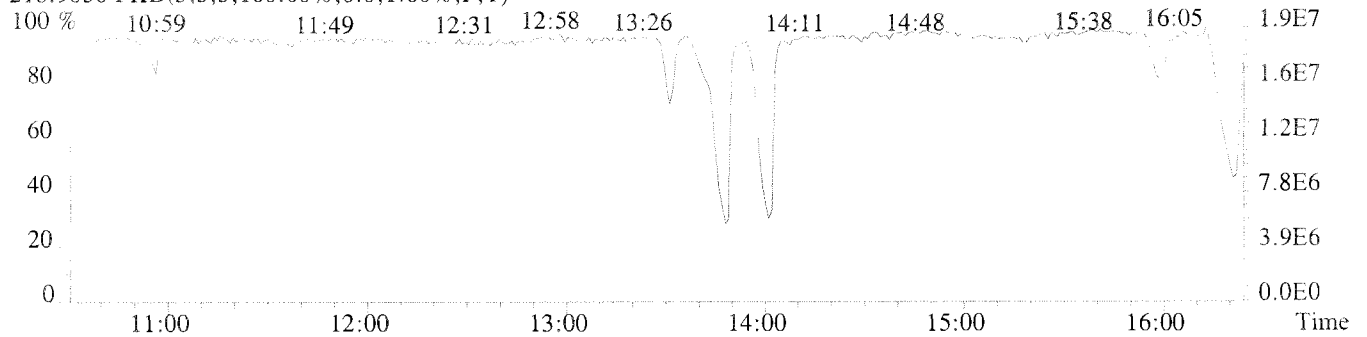
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3628.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1876.0,1.00%,F,T)

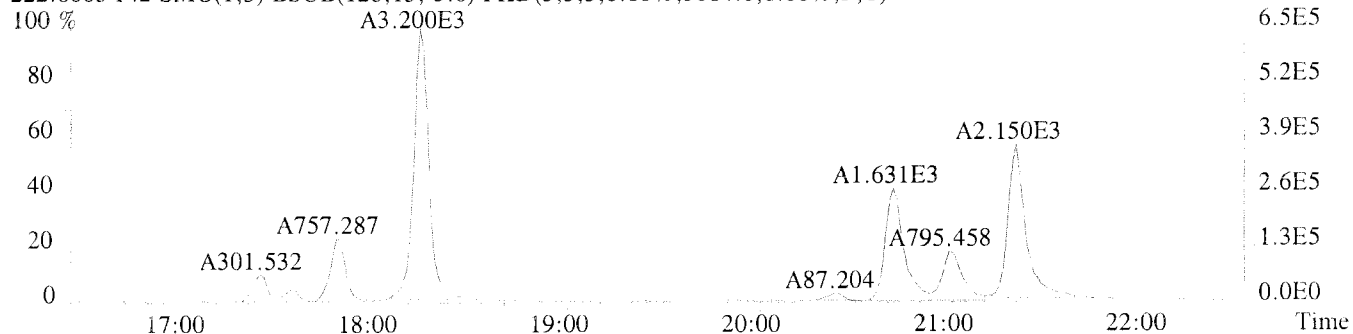


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

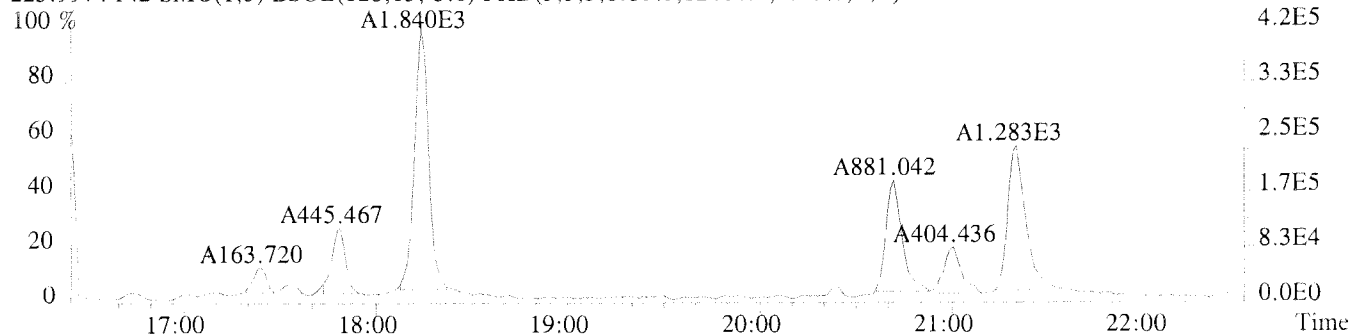


File:U224775 #1-337 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008DL USENE/W06

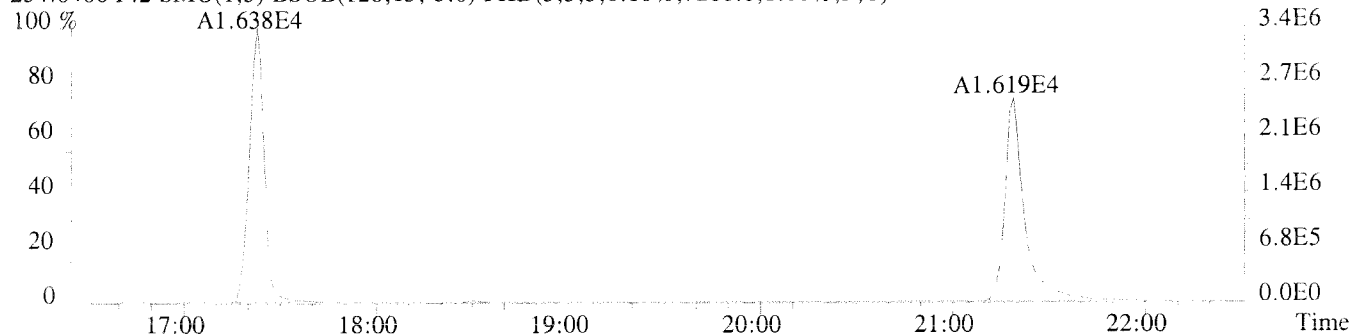
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3084.0,1.00%,F,T)



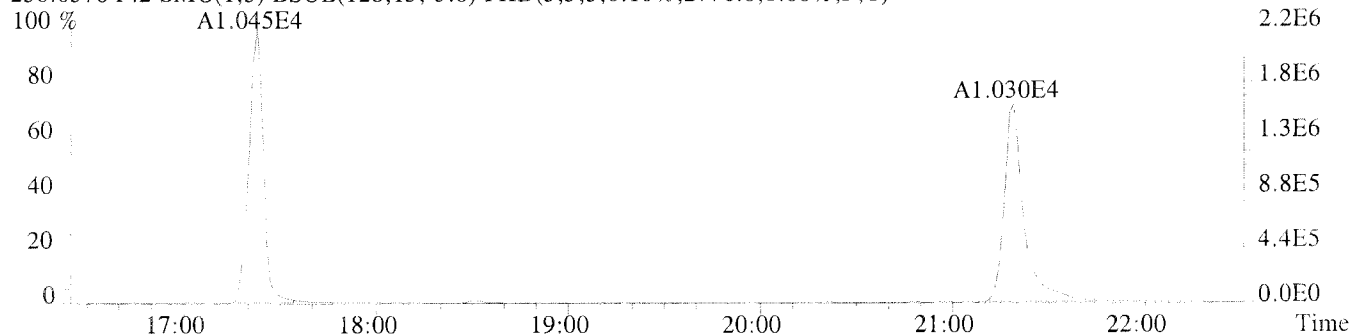
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12464.0,1.00%,F,T)



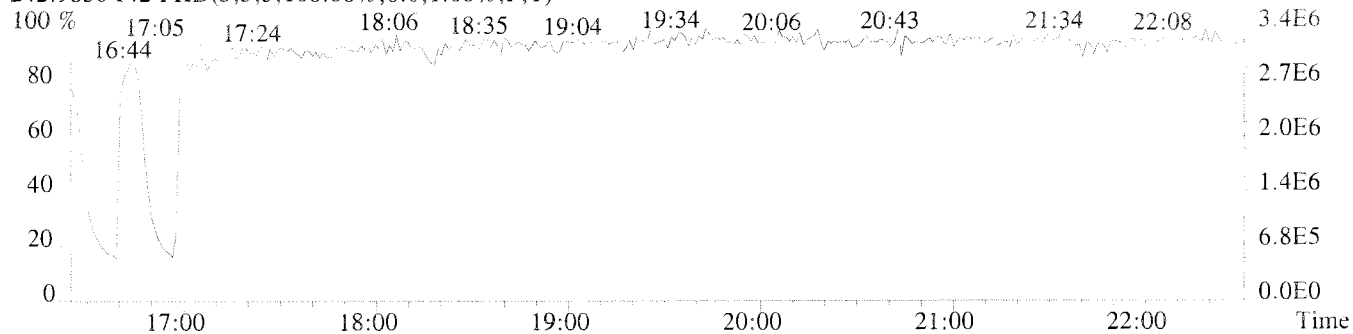
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7268.0,1.00%,F,T)

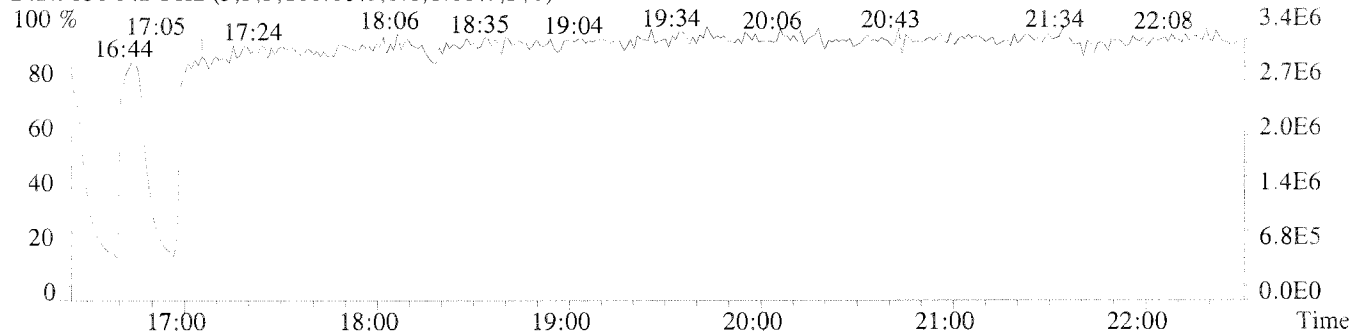
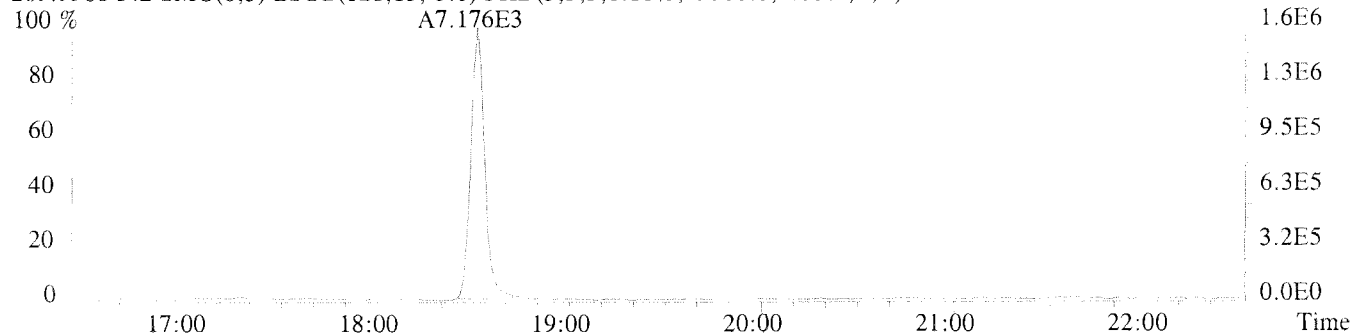
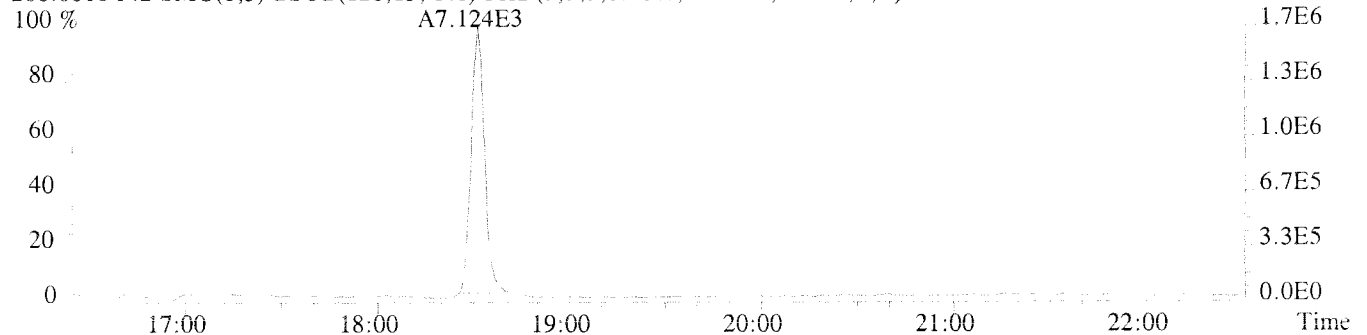
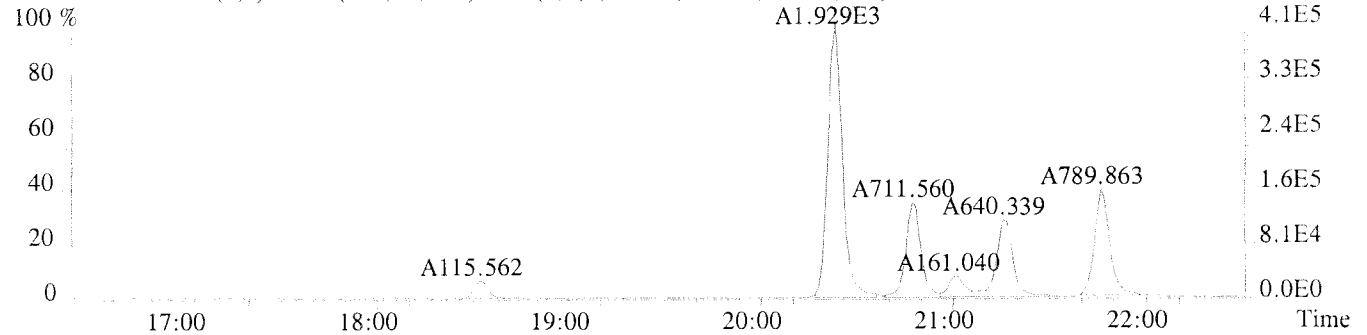
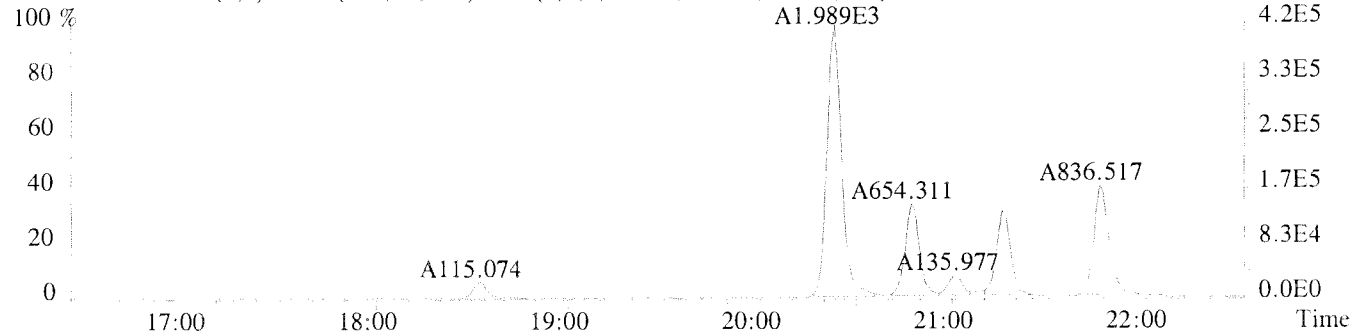


236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2776.0,1.00%,F,T)



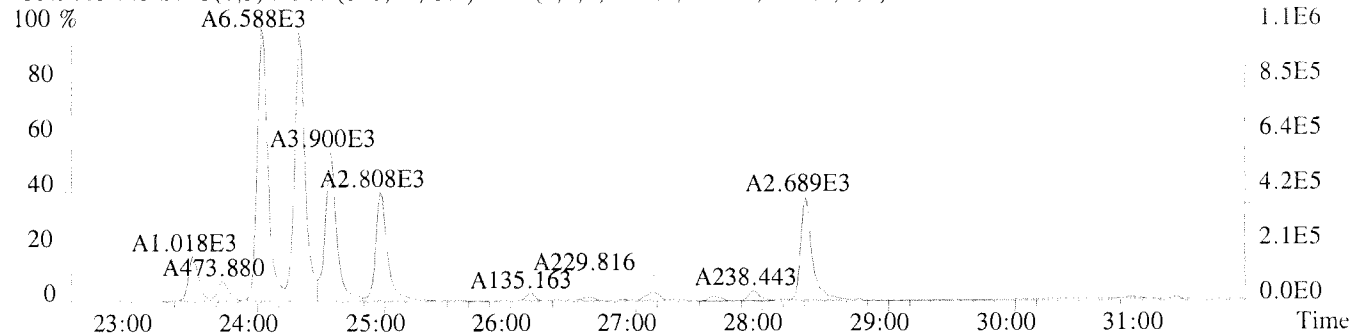
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



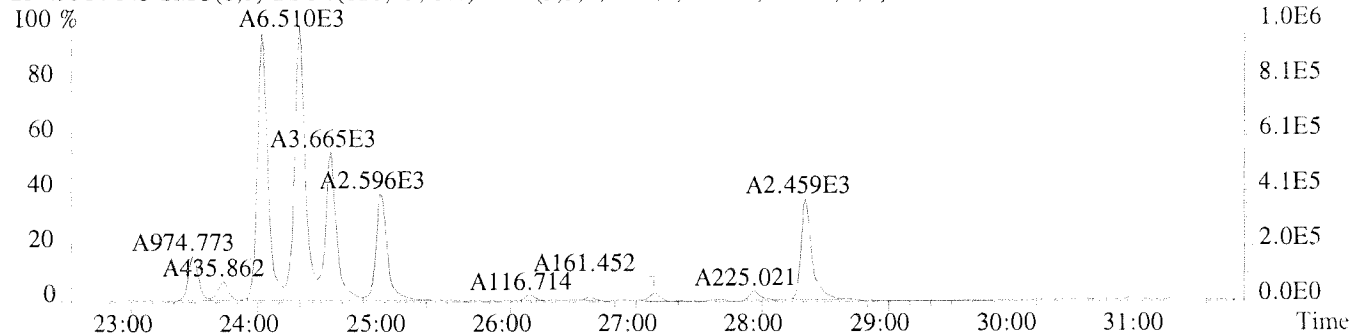


Sample#1 Exp:K1013433-008DL USENE/W06

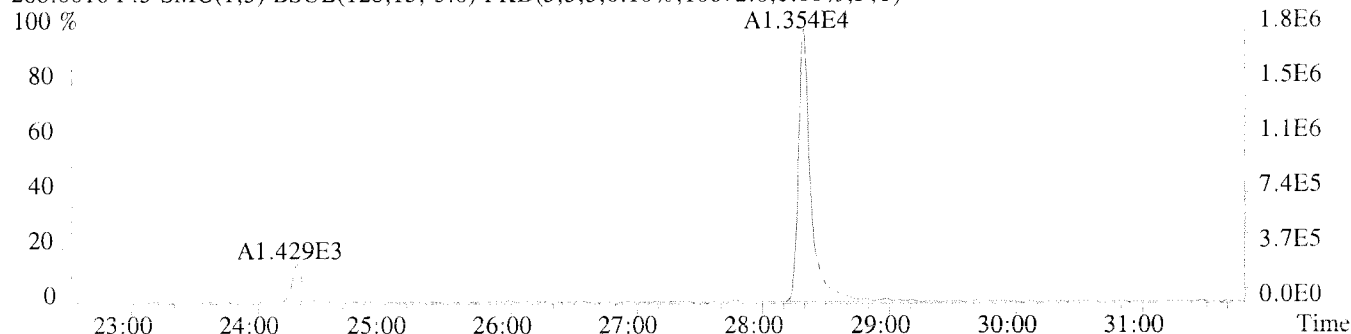
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3460.0,1.00%,F,T)



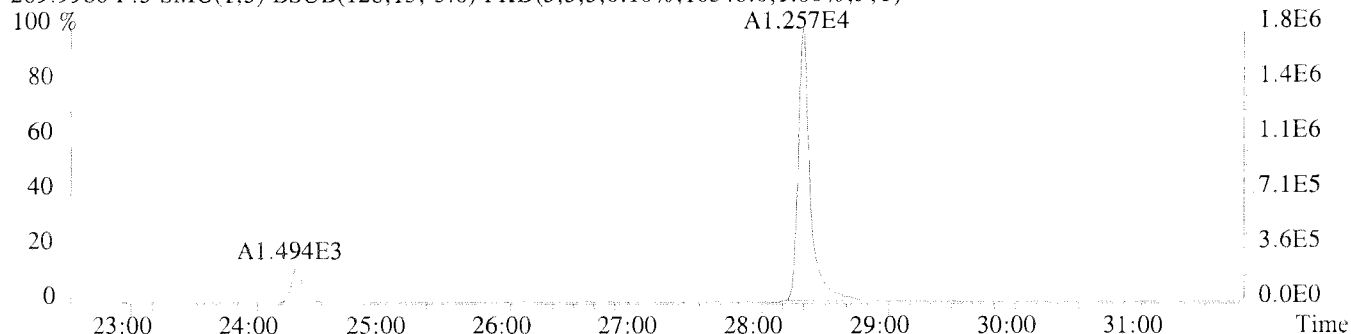
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3572.0,1.00%,F,T)



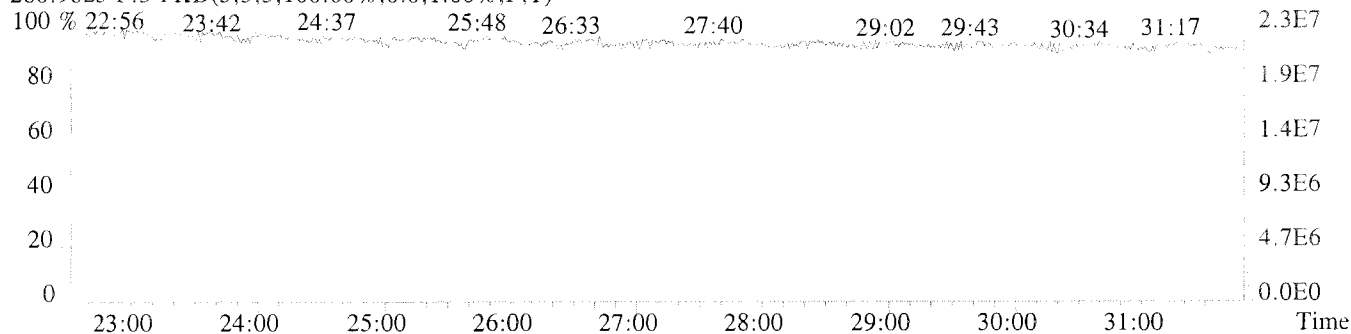
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10672.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10548.0,1.00%,F,T)

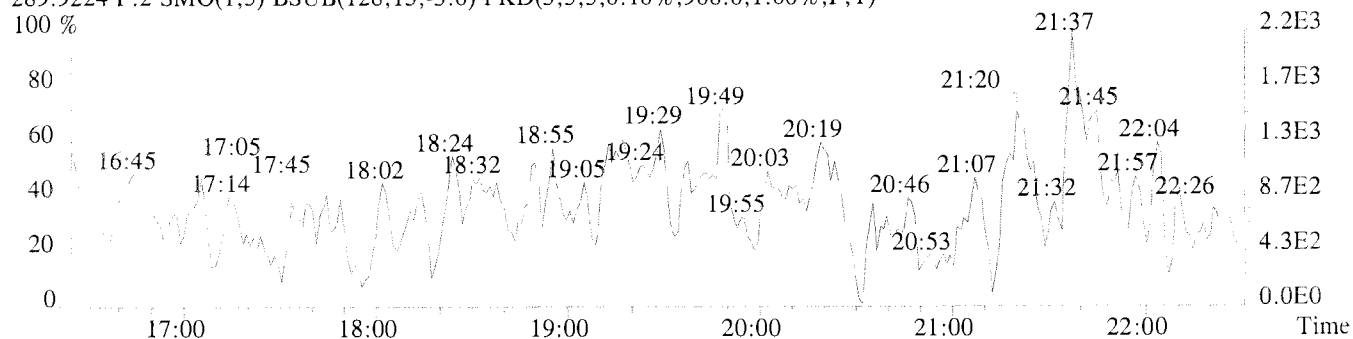


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

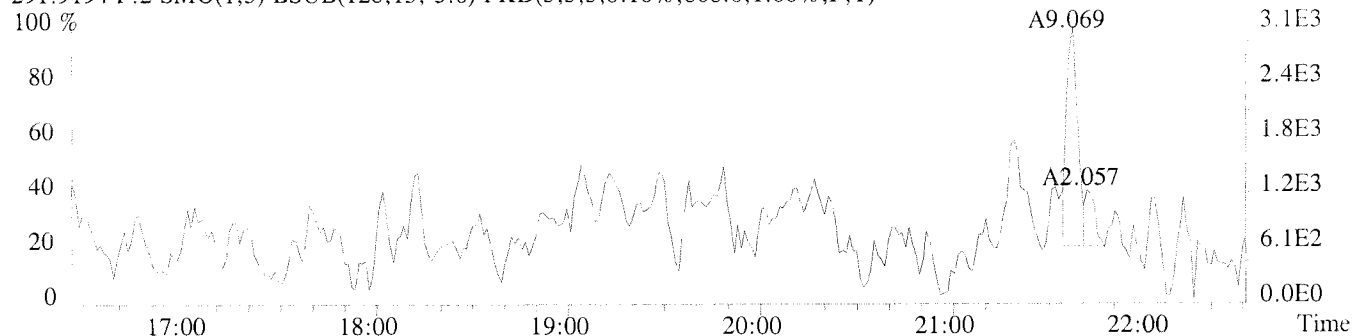


File:U224775 #1-337 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008DL USENE/W06

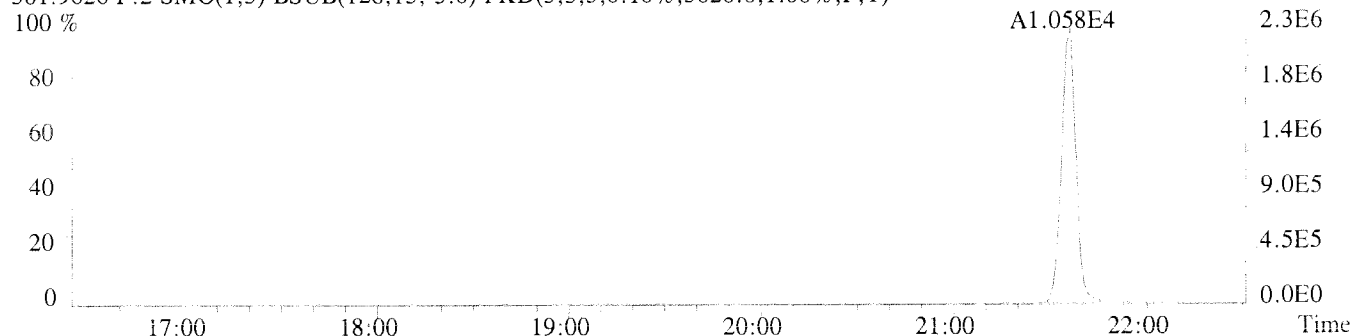
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,908.0,1.00%,F,T)



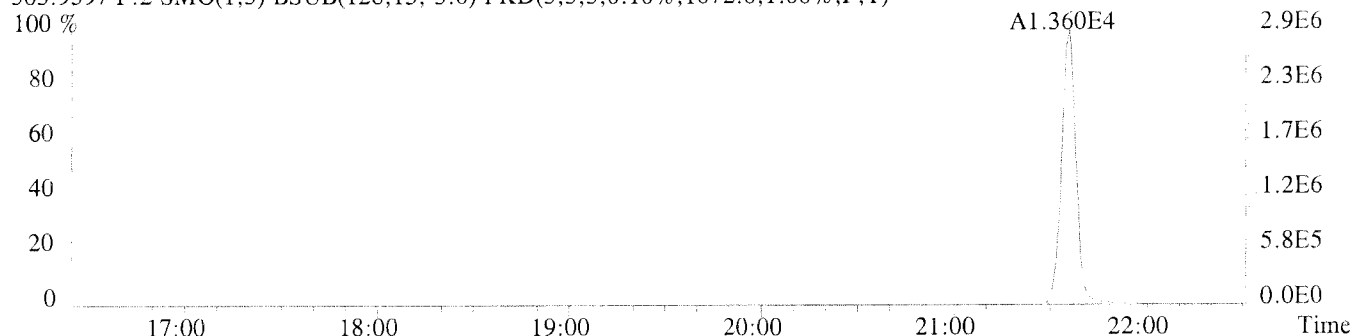
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,868.0,1.00%,F,T)



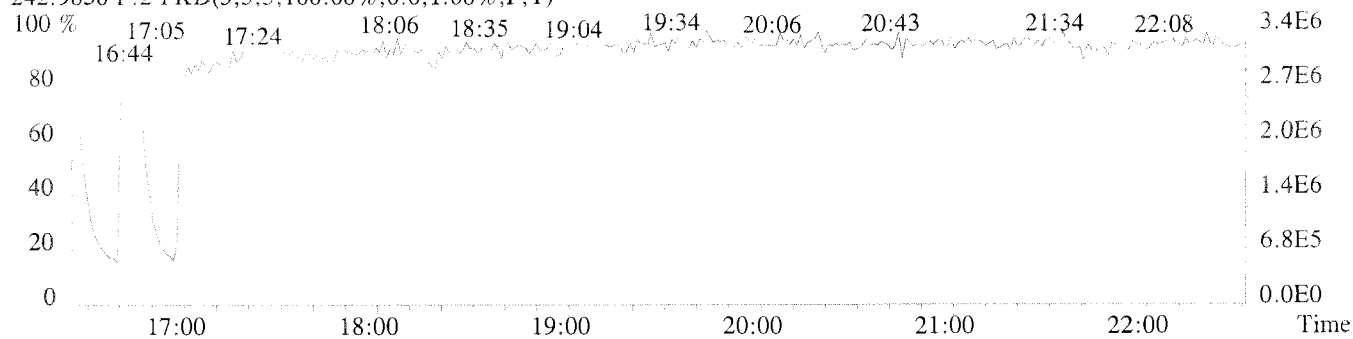
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3020.0,1.00%,F,T)



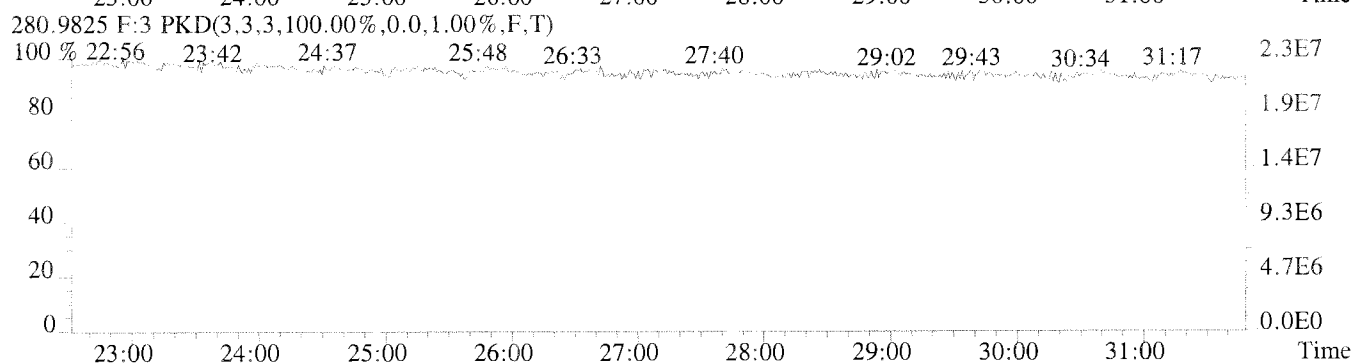
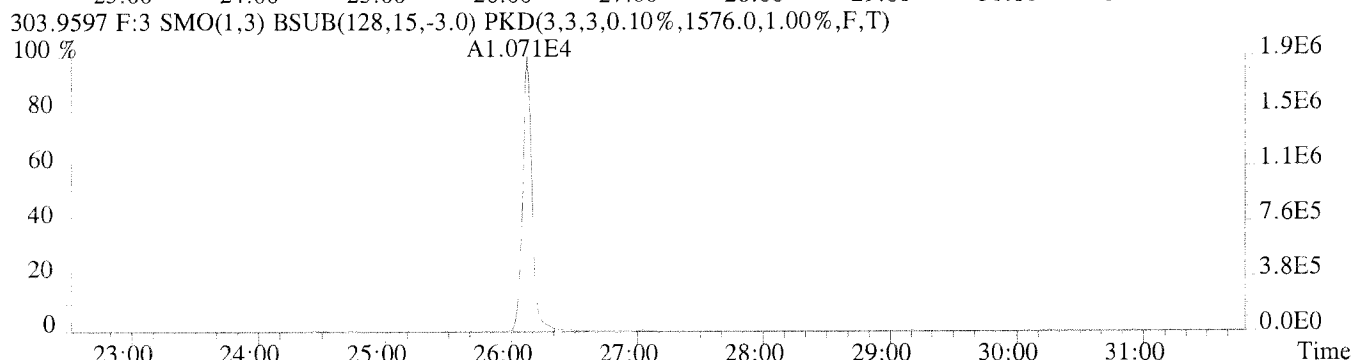
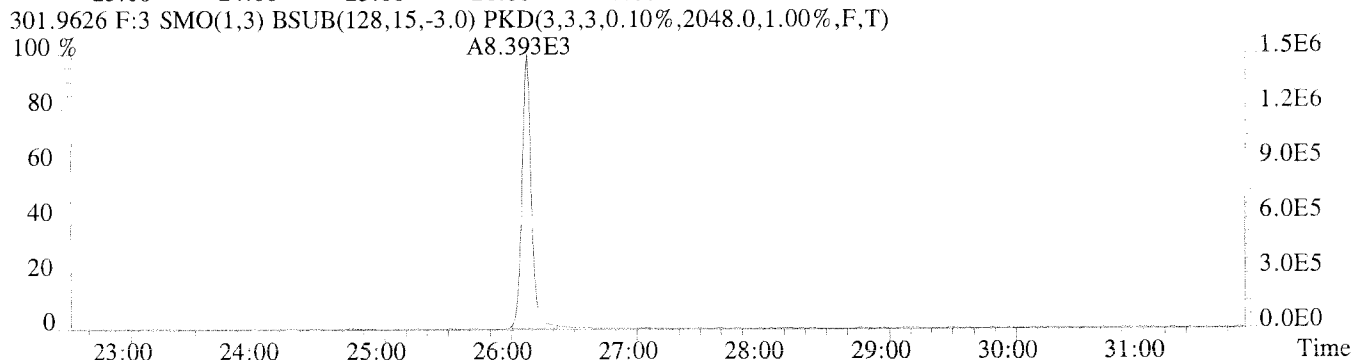
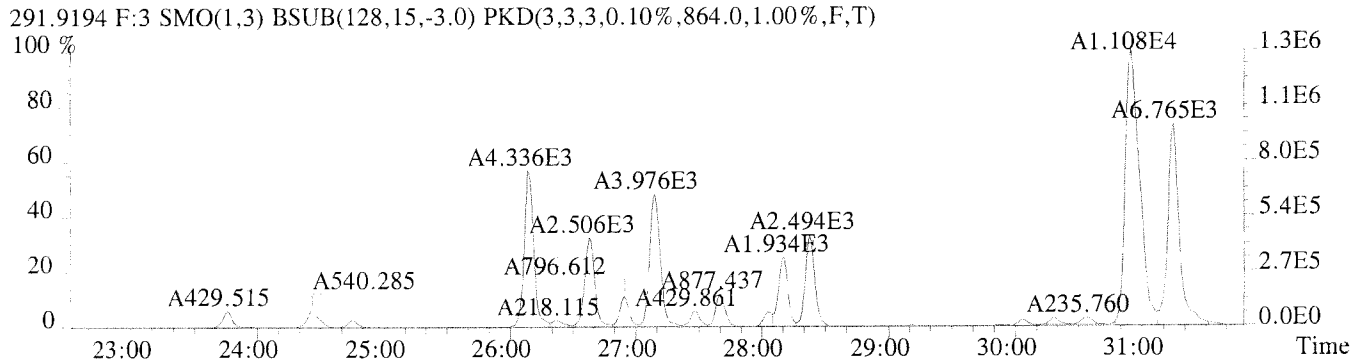
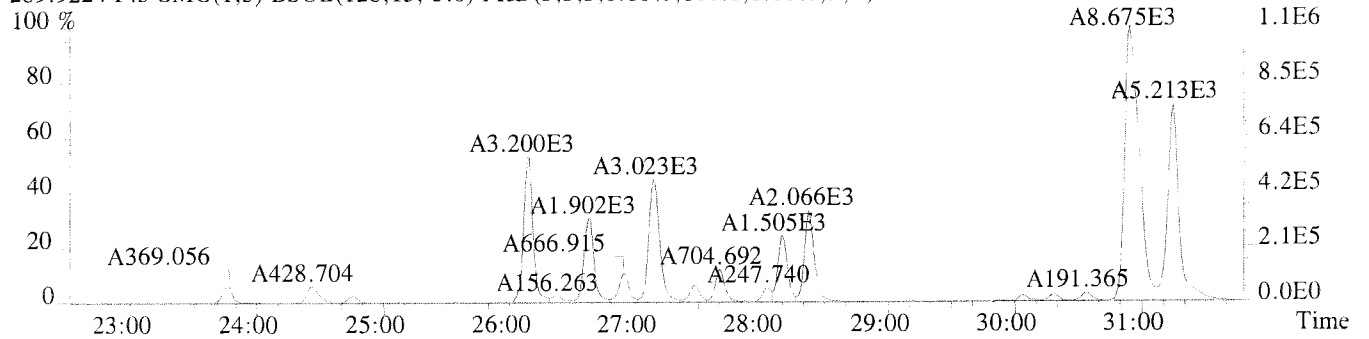
303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1072.0,1.00%,F,T)



242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



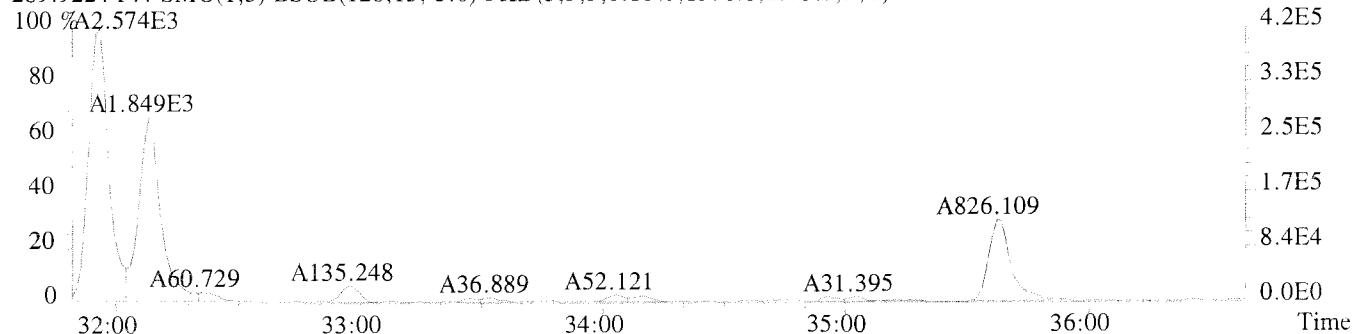
File:U224775 #1-594 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-008DL USENE/W06
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,800.0,1.00%,F,T)



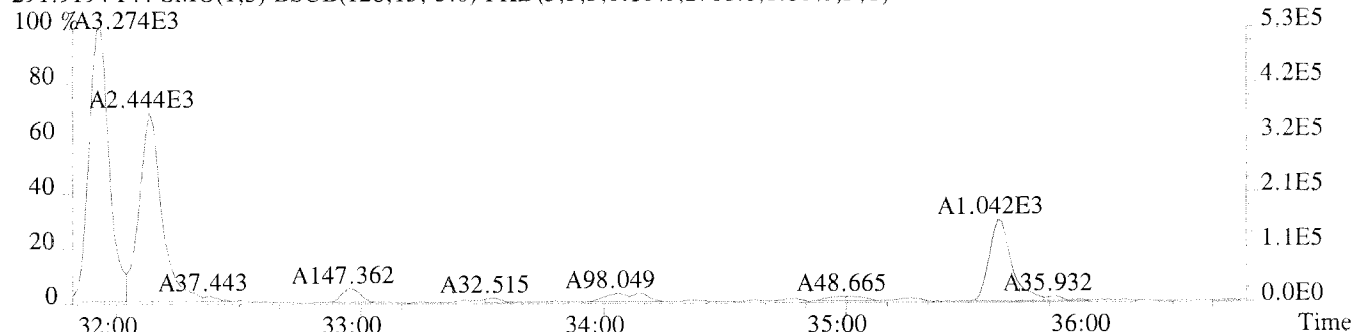
File:U224775 #1-309 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-008DL USENE/W06

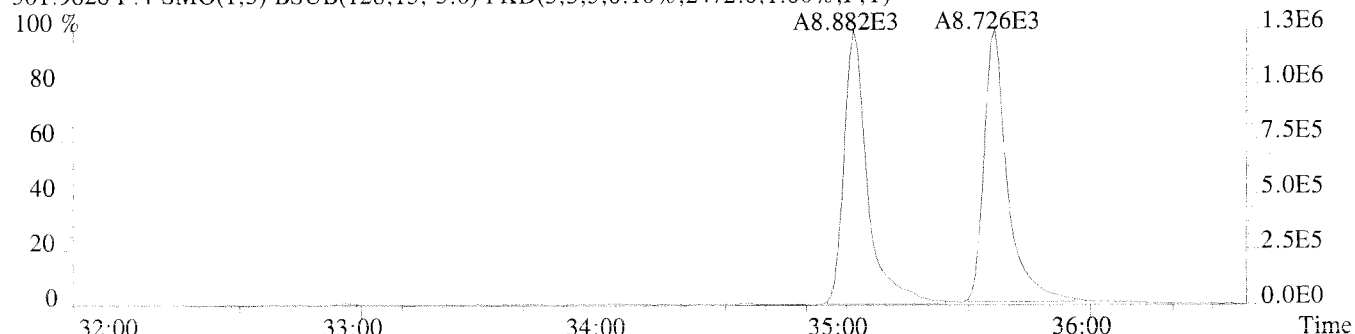
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1576.0,1.00%,F,T)



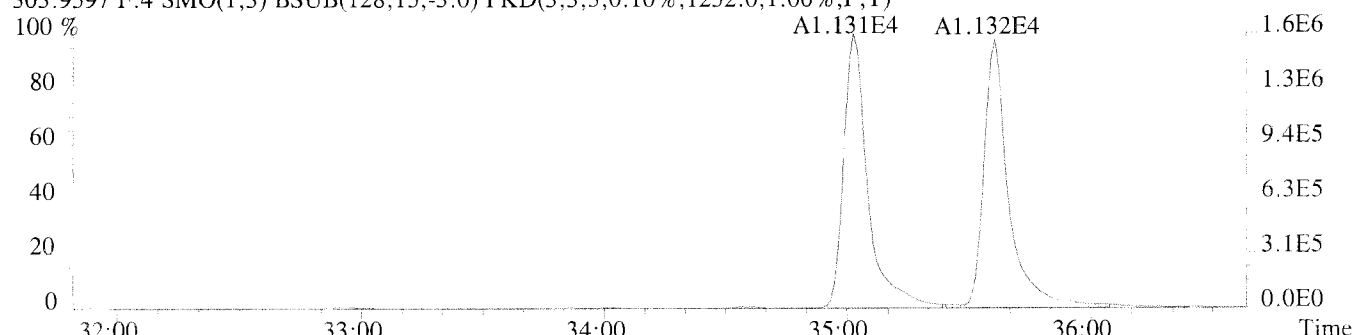
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2708.0,1.00%,F,T)



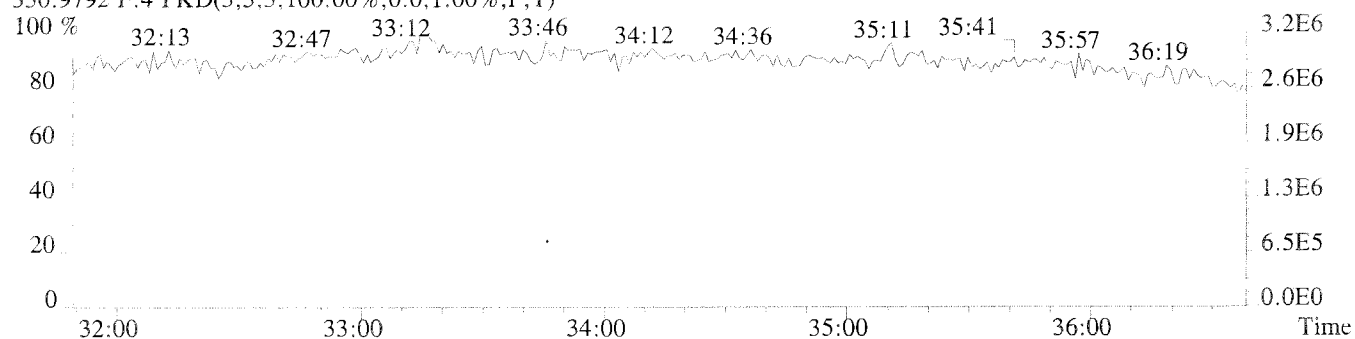
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2472.0,1.00%,F,T)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1252.0,1.00%,F,T)



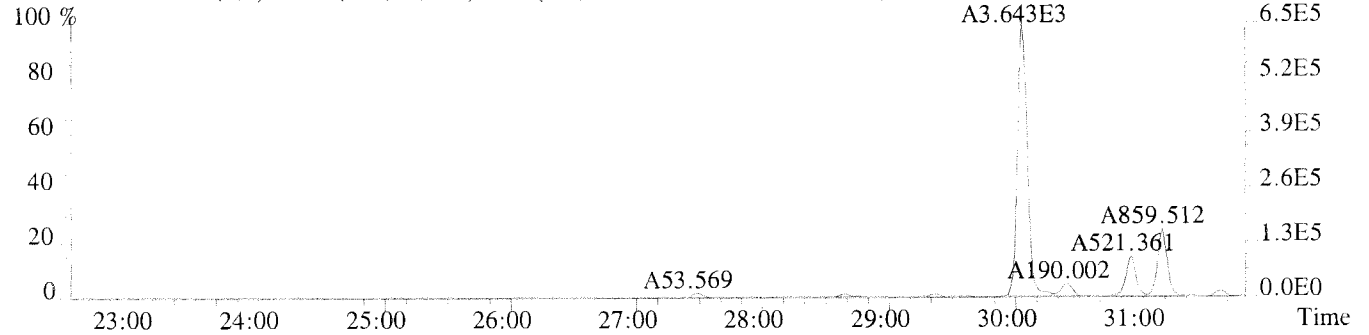
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



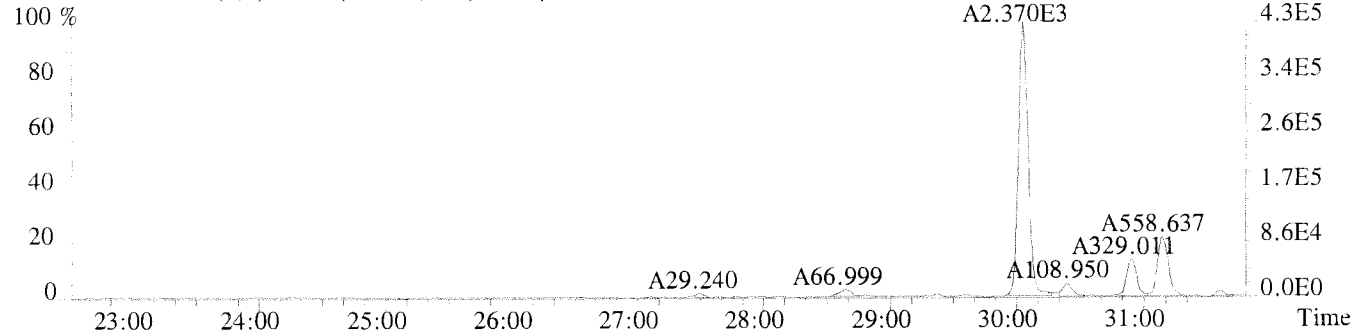
File:U224775 #1-594 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-008DL USENE/W06

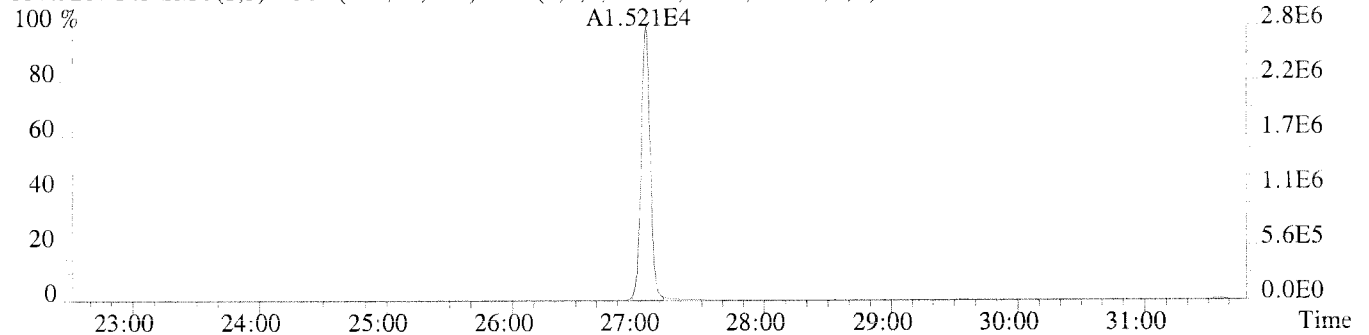
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1076.0,1.00%,F,T)



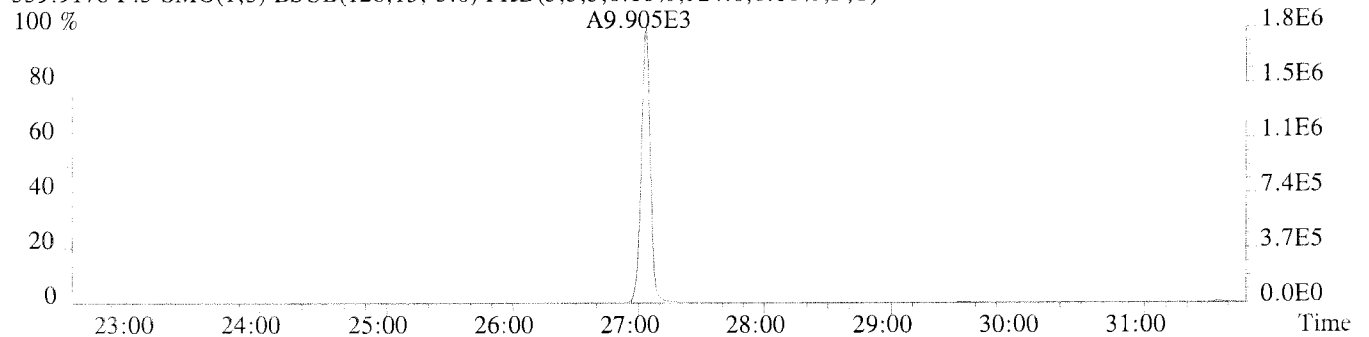
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1668.0,1.00%,F,T)



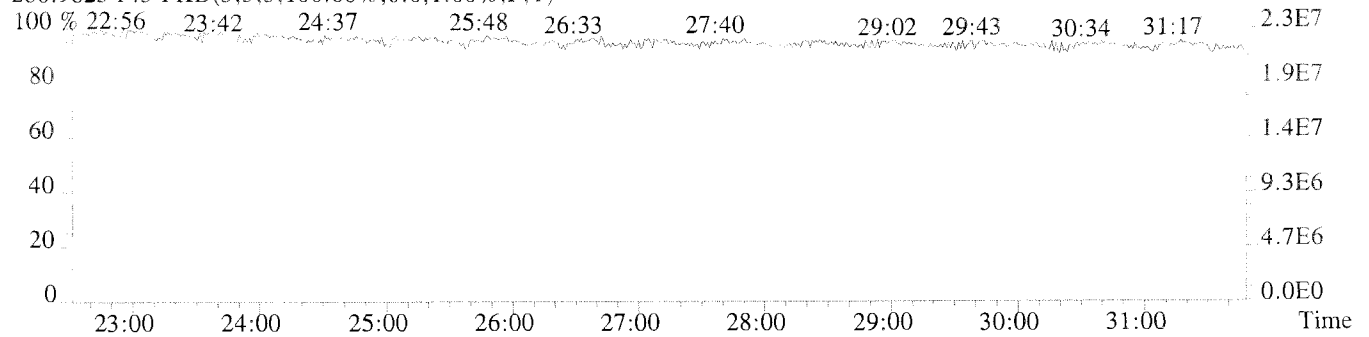
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,976.0,1.00%,F,T)



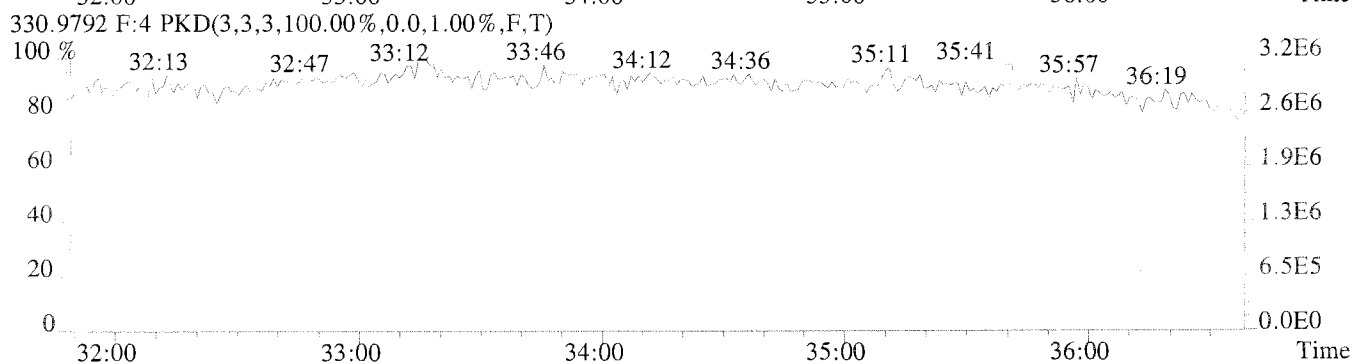
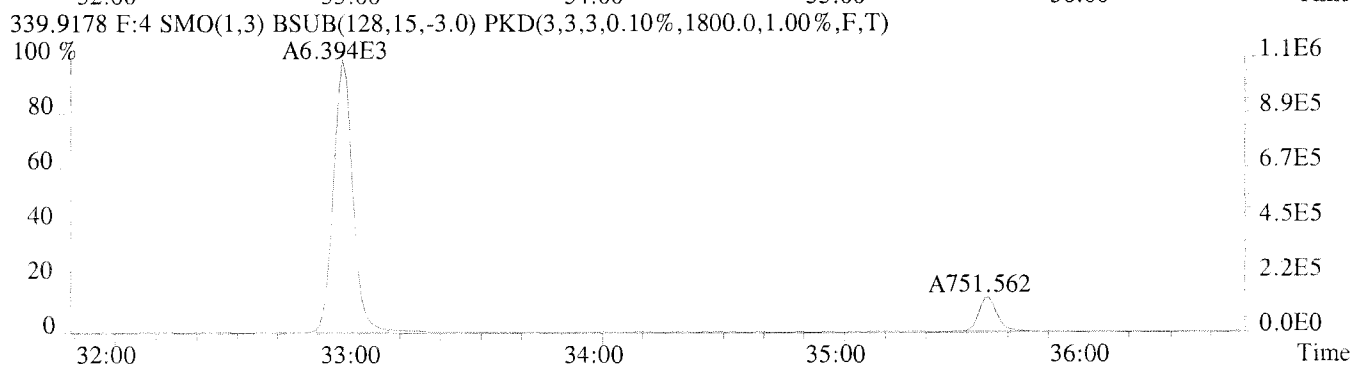
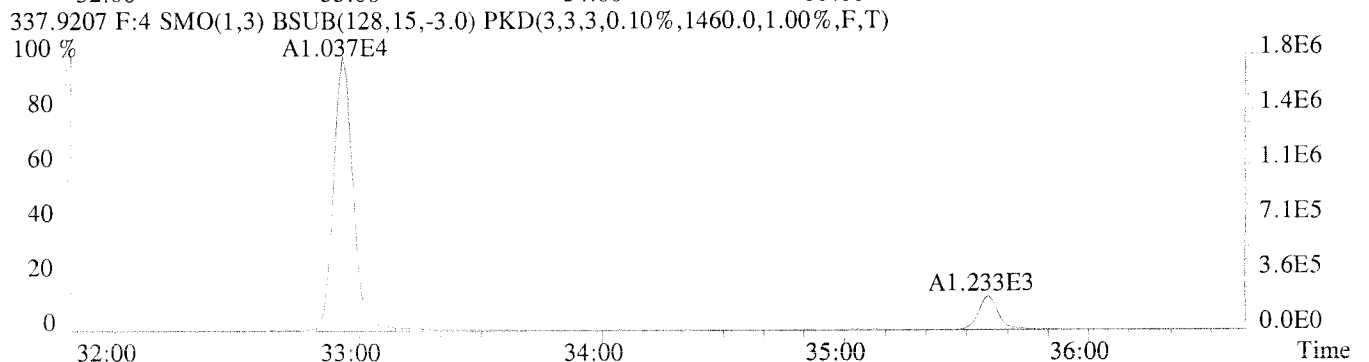
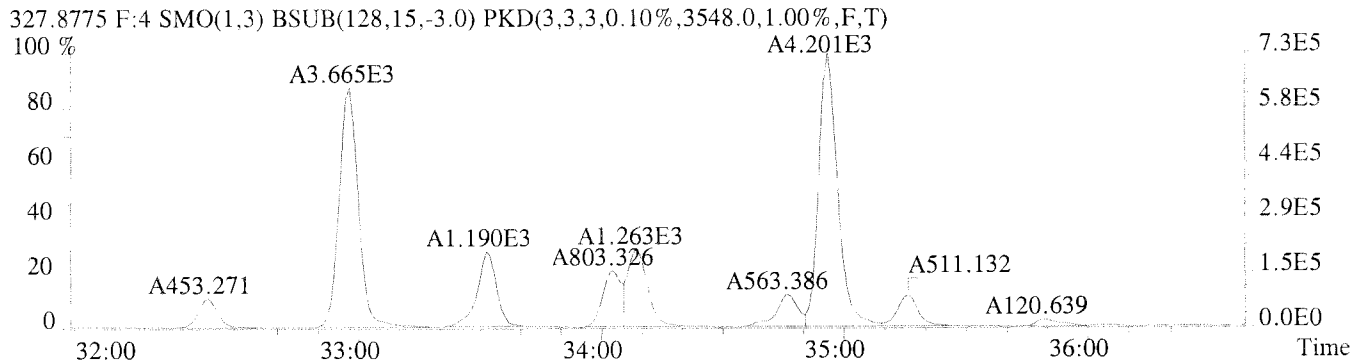
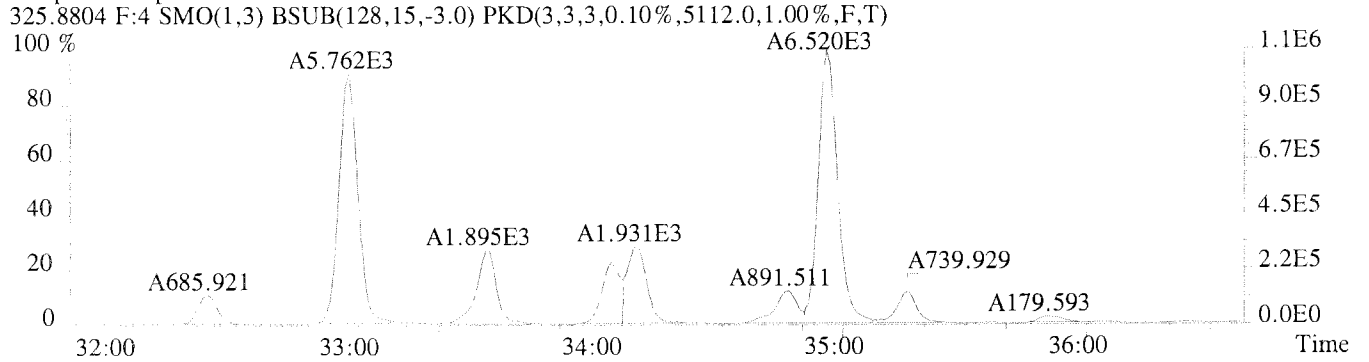
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,924.0,1.00%,F,T)



280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



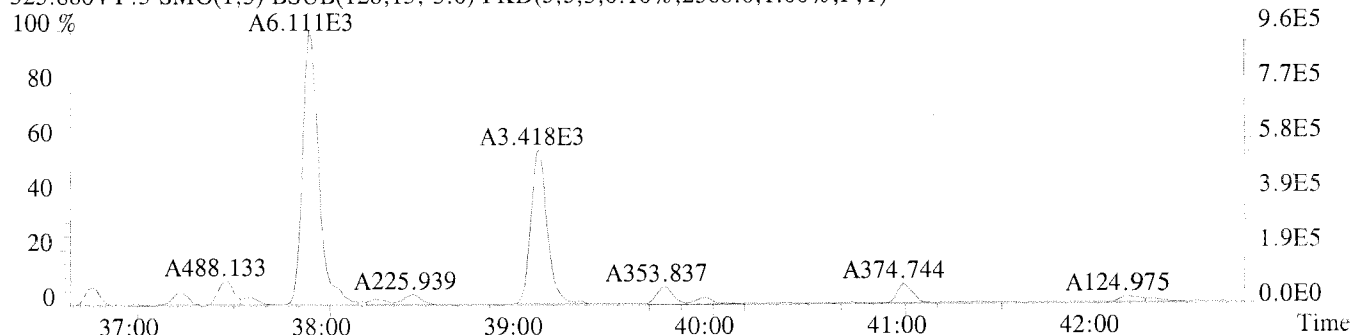
File:U224775 #1-309 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008DL USENE/W06



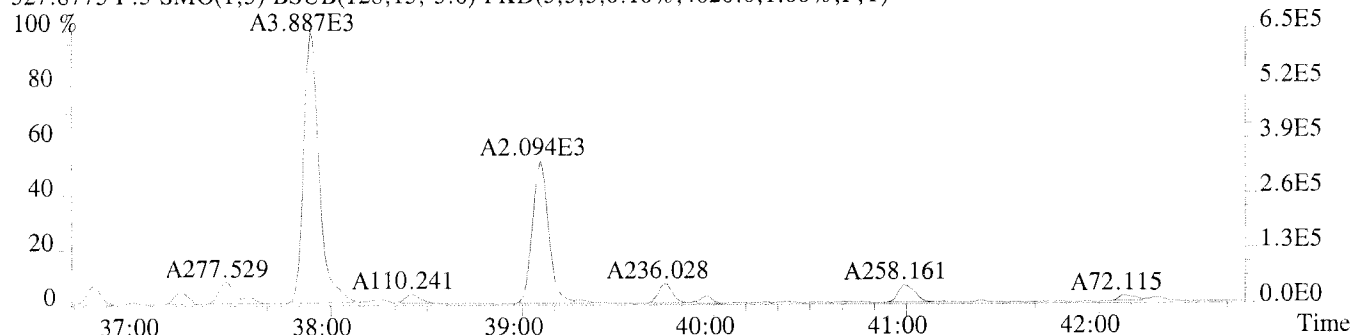
File:U224775 #1-391 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-008DL USENE/W06

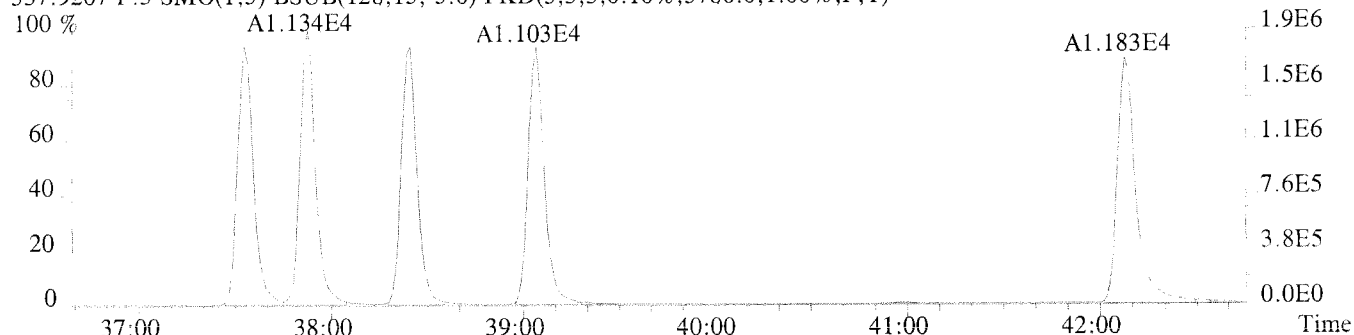
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2368.0,1.00%,F,T)



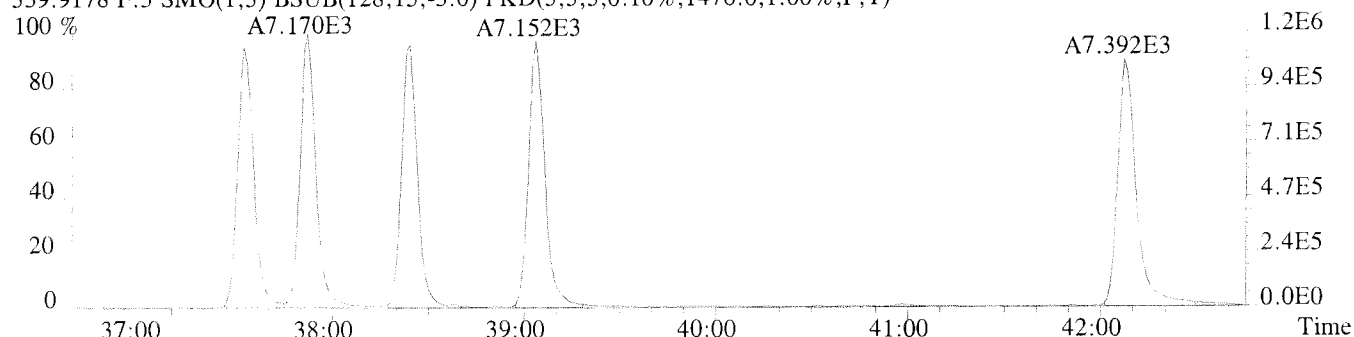
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4020.0,1.00%,F,T)



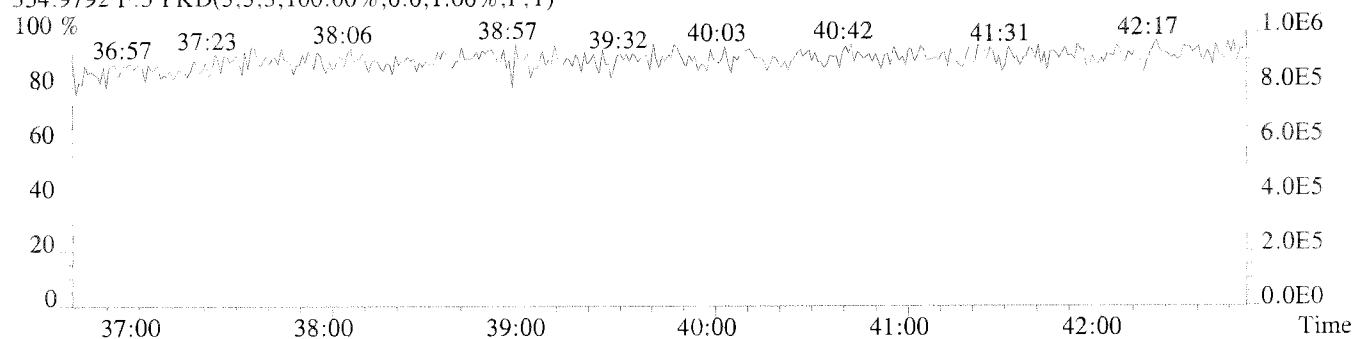
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3780.0,1.00%,F,T)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1476.0,1.00%,F,T)



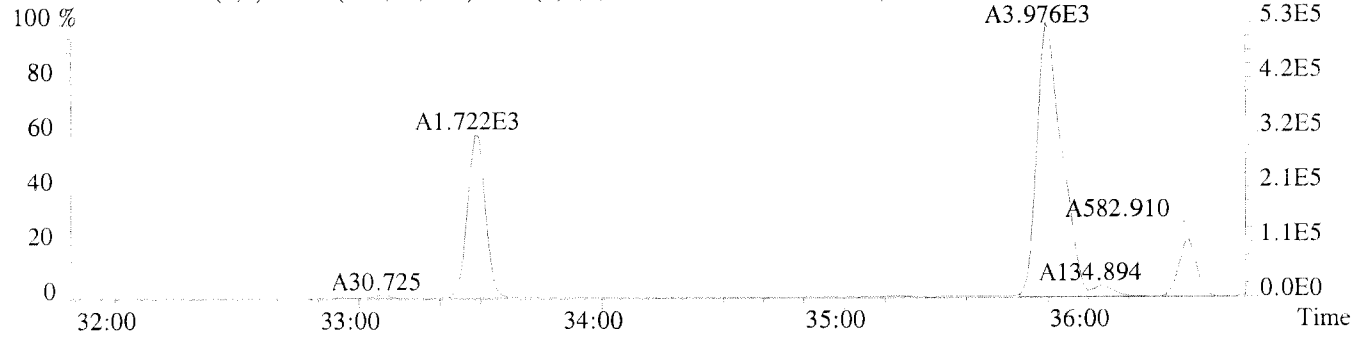
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



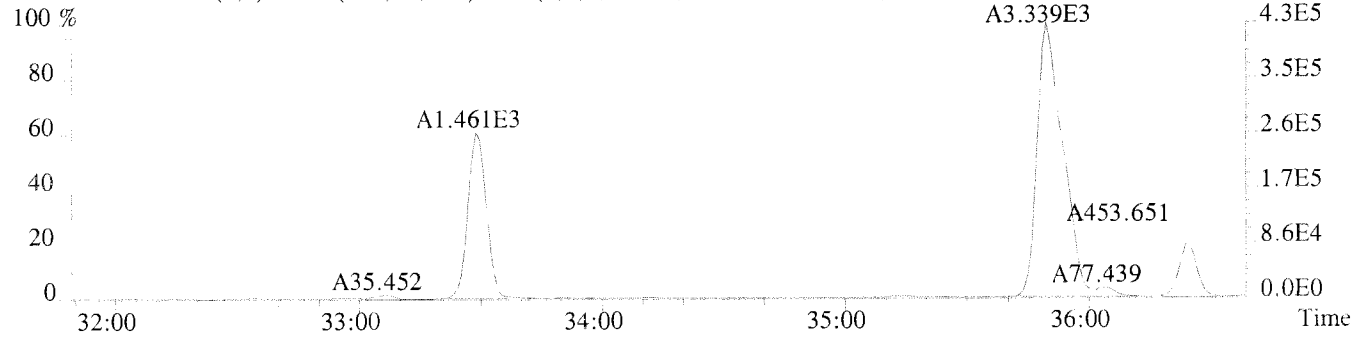
File:U224775 #1-309 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-008DL USENE/W06

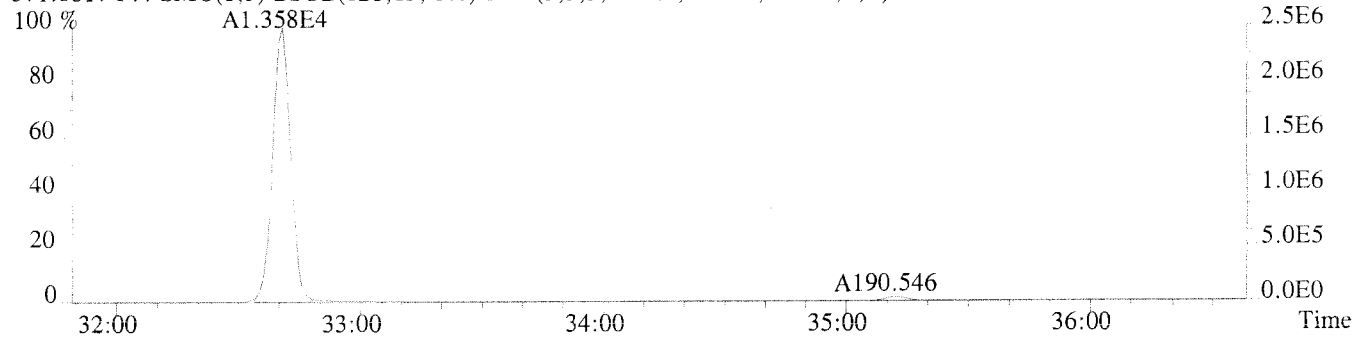
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1320.0,1.00%,F,T)



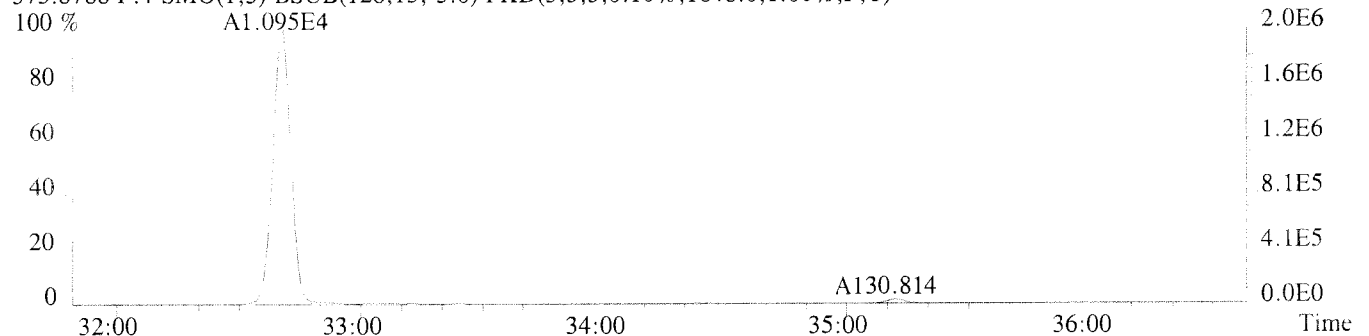
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1376.0,1.00%,F,T)



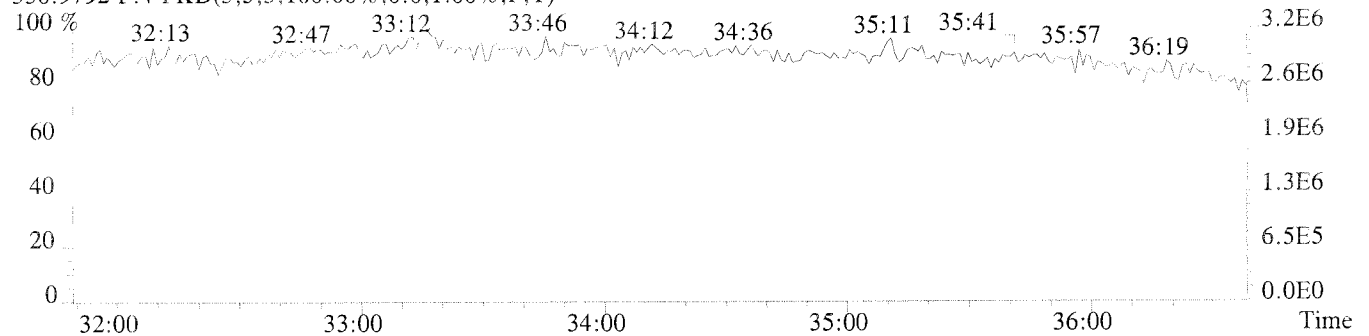
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1376.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1648.0,1.00%,F,T)

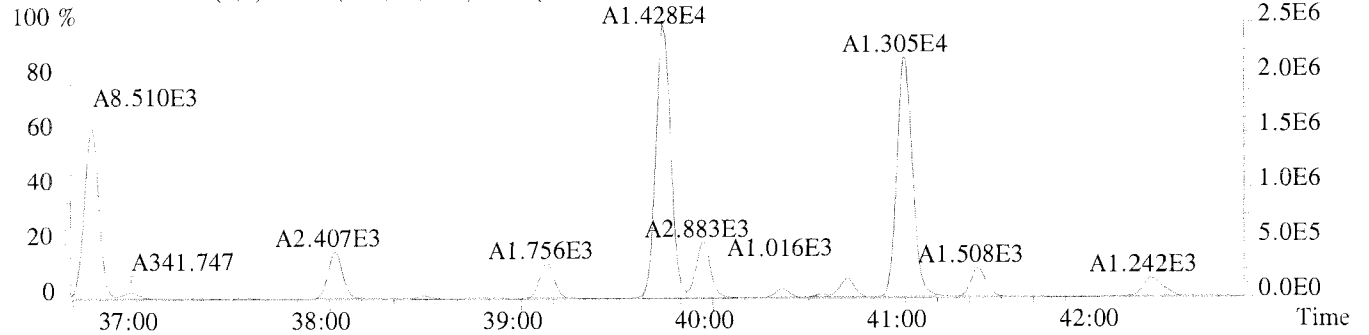


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

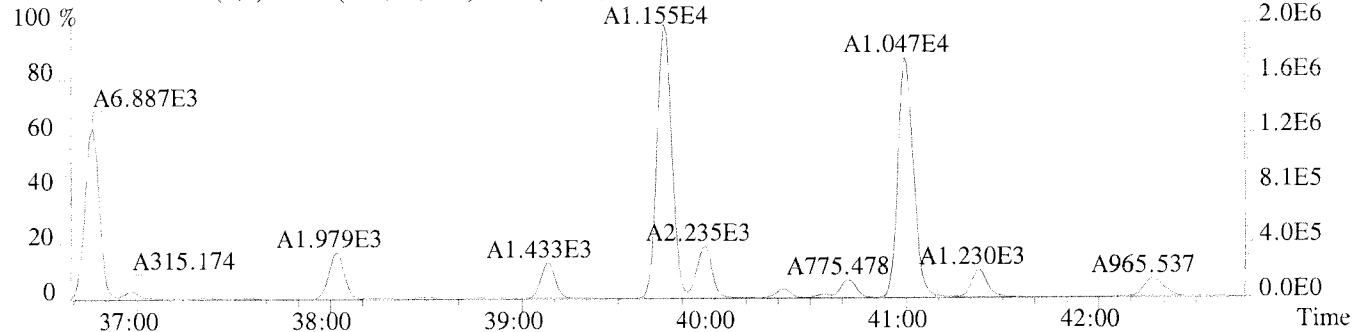


File:U224775 #1-391 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008DL USENE/W06

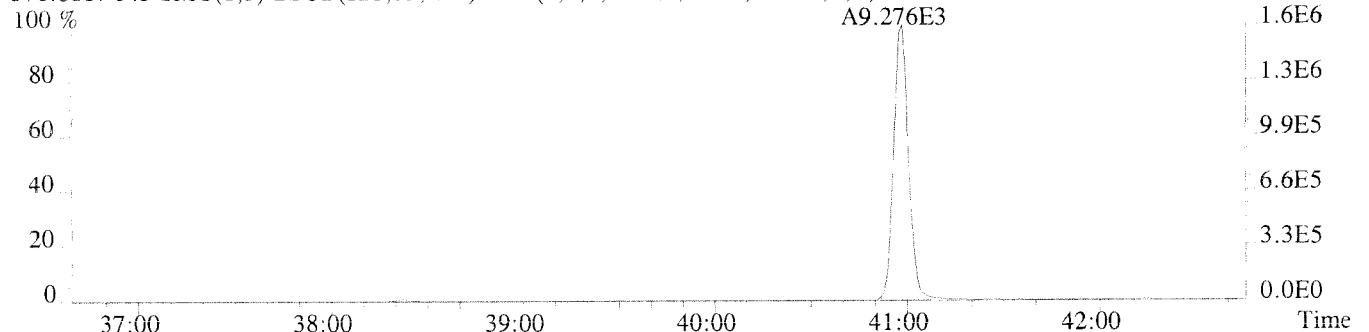
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3652.0,1.00%,F,T)



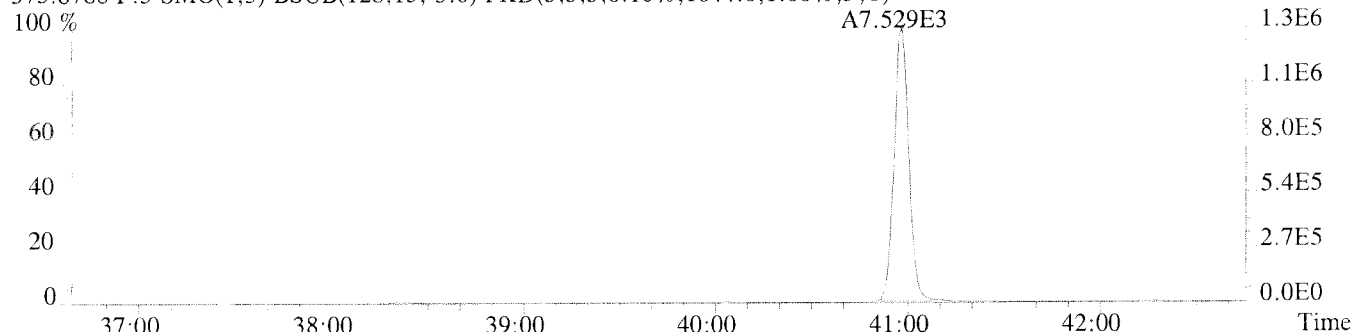
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2464.0,1.00%,F,T)



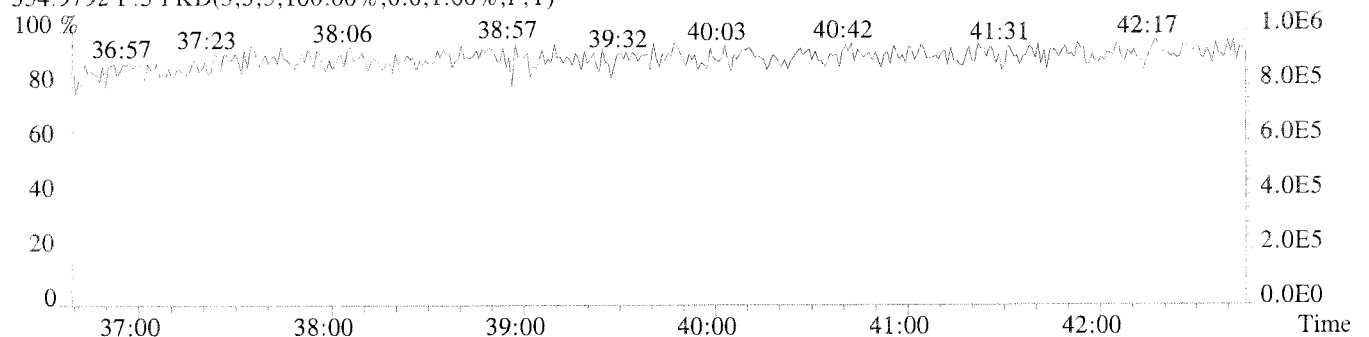
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,704.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1044.0,1.00%,F,T)



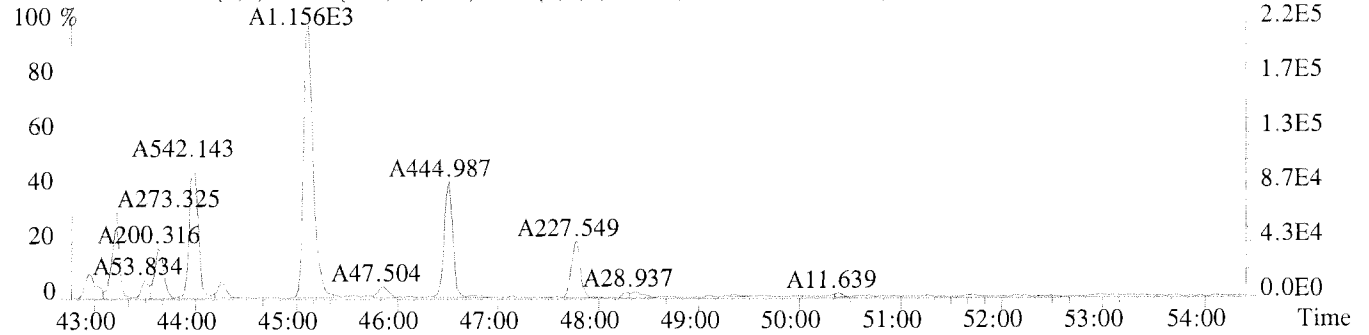
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



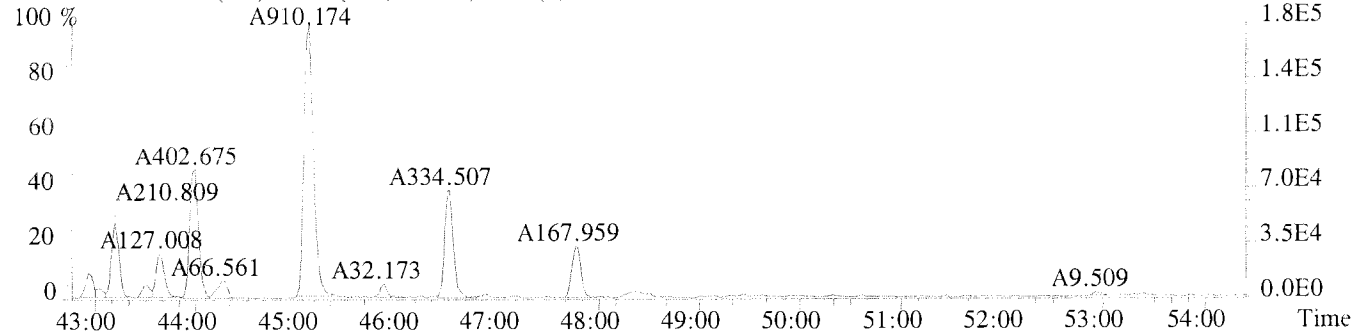
File:U224775 #1-577 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-008DL USENE/W06

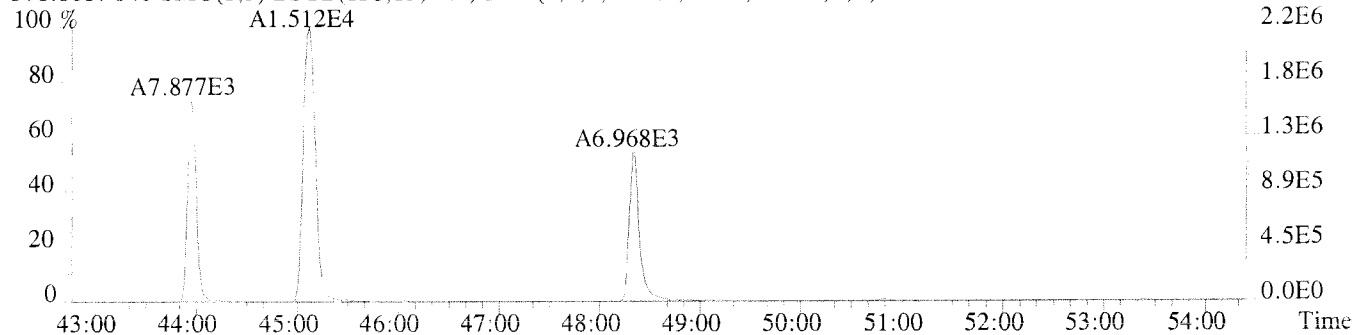
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1240.0,1.00%,F,T)



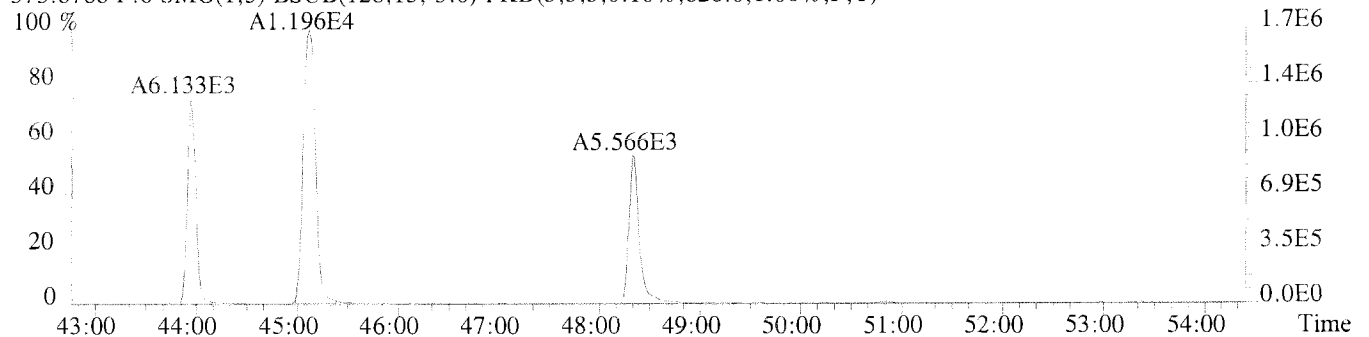
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1440.0,1.00%,F,T)



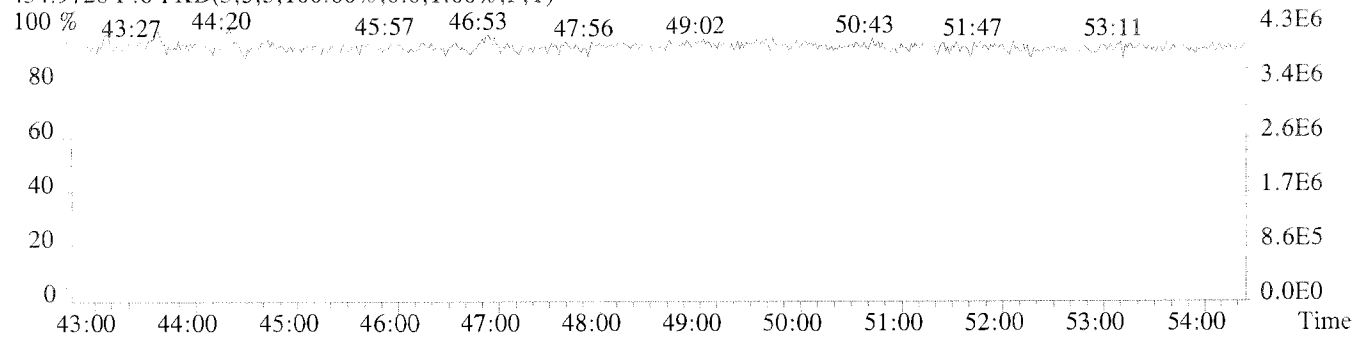
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,964.0,1.00%,F,T)



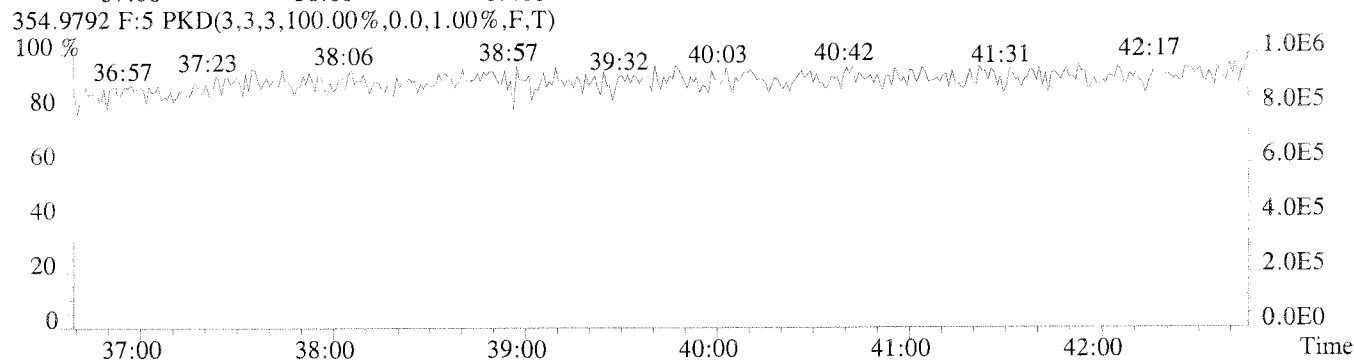
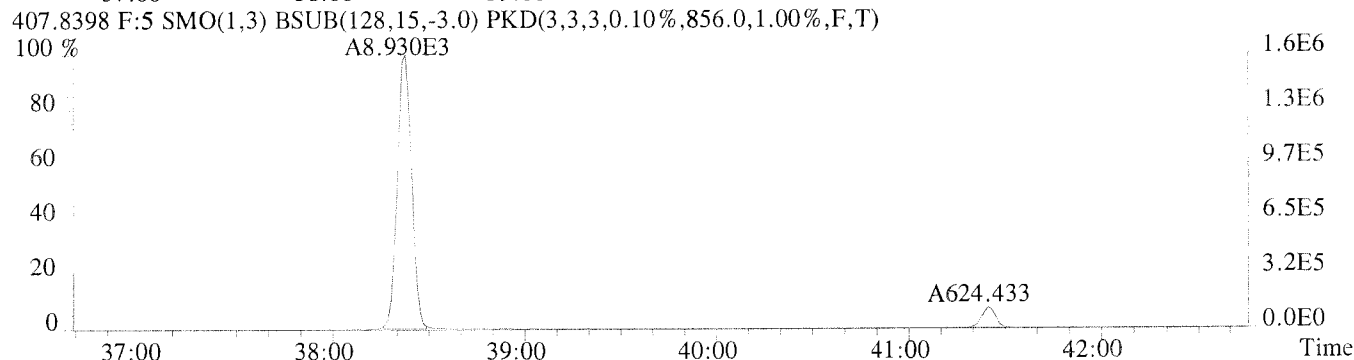
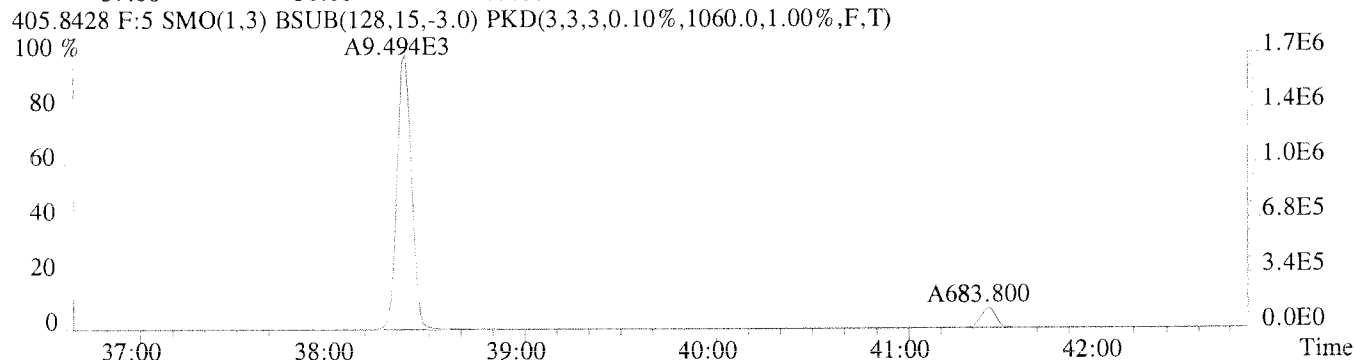
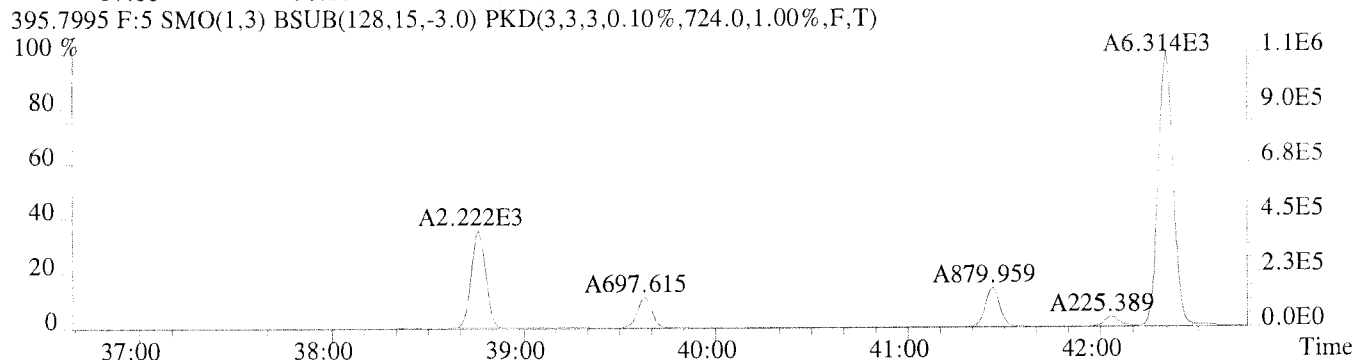
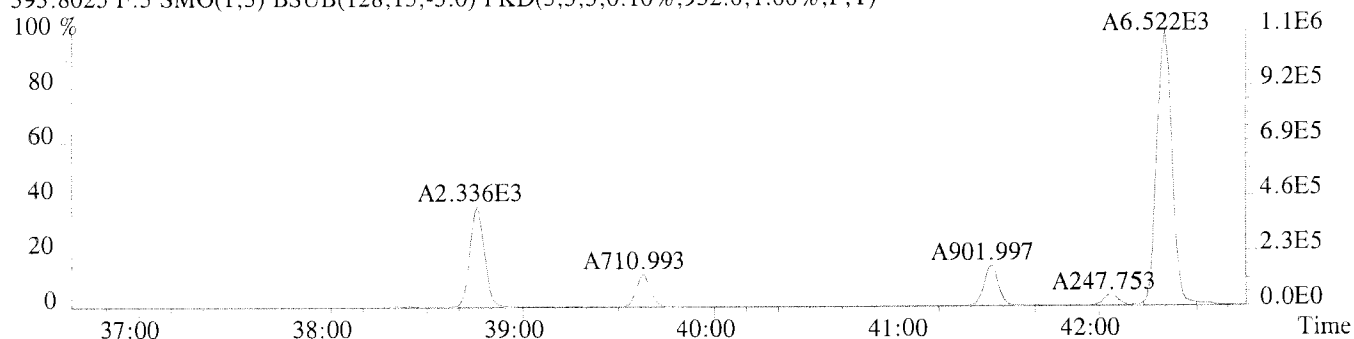
373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,828.0,1.00%,F,T)



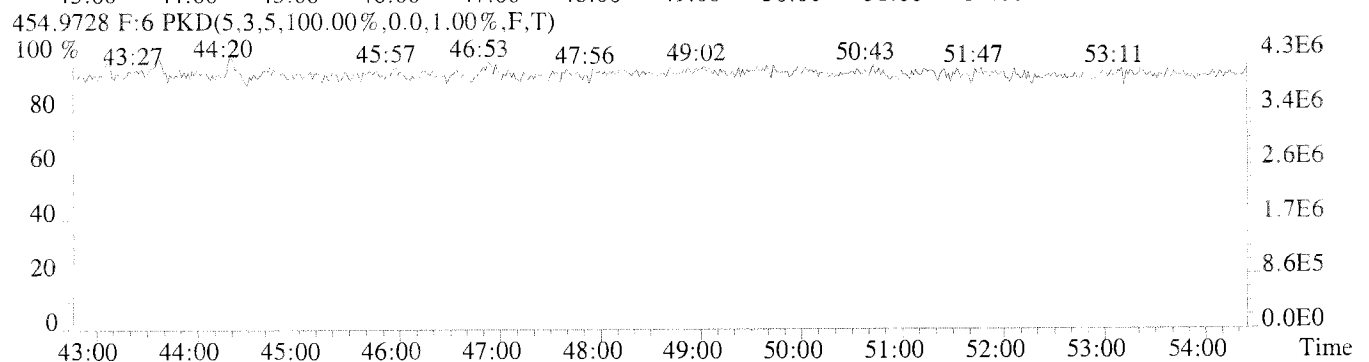
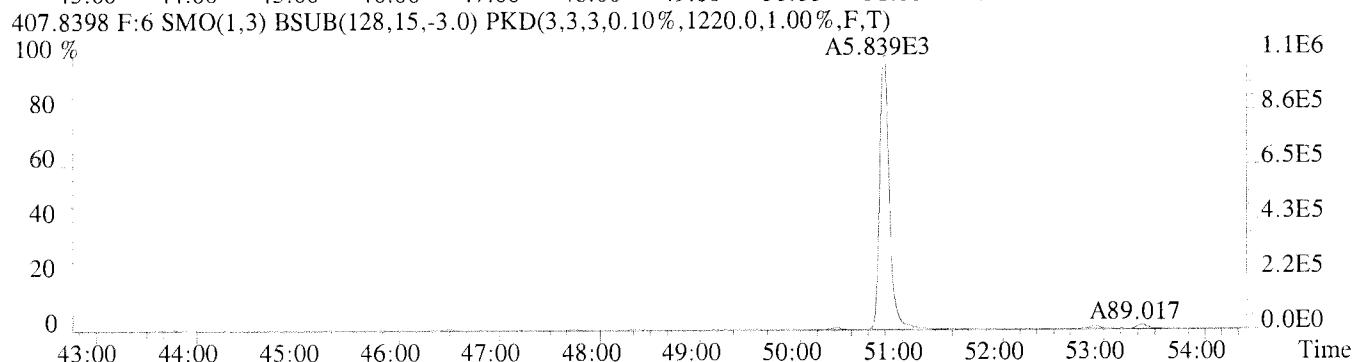
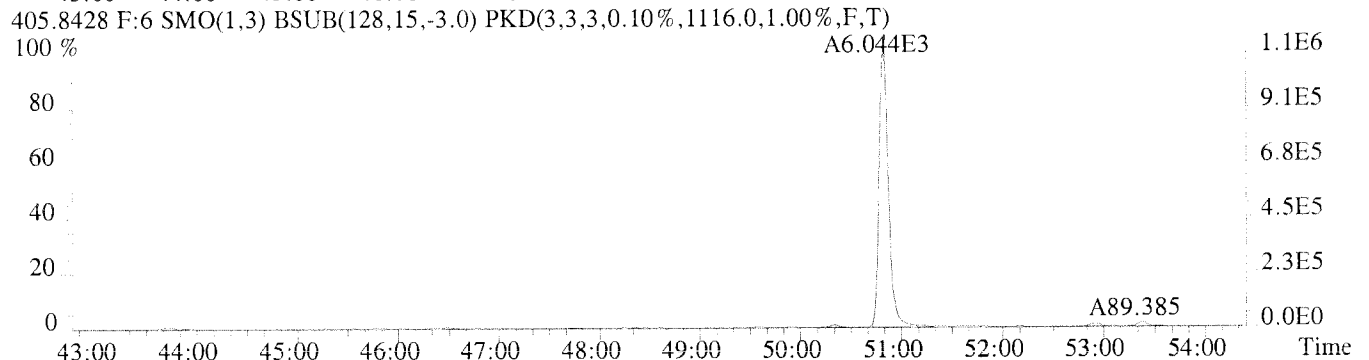
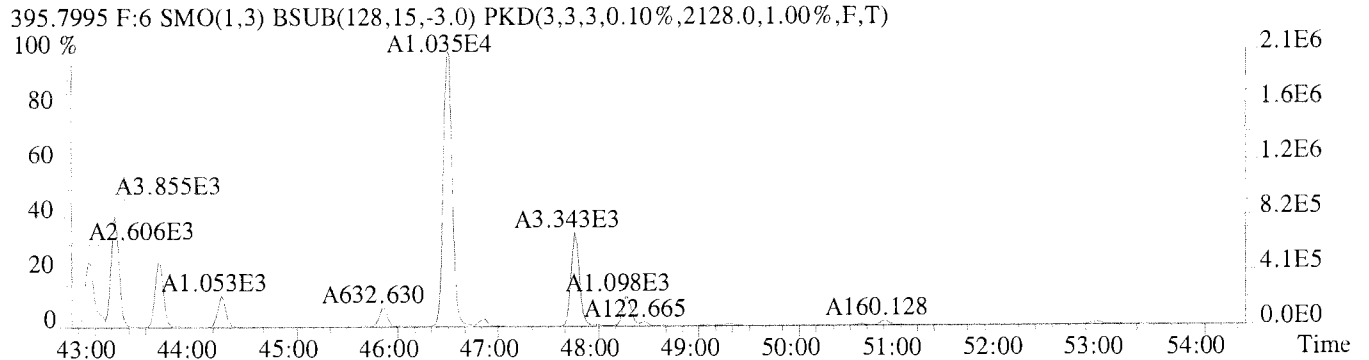
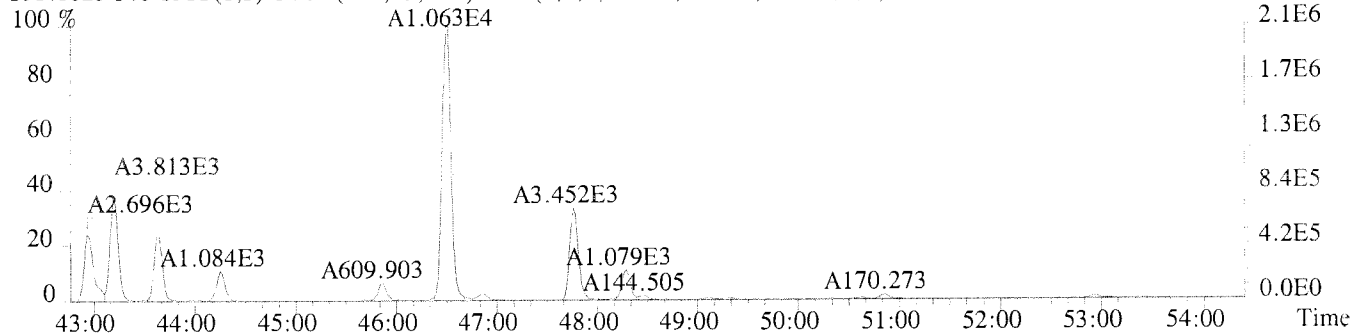
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



File:U224775 #1-391 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008DL USENE/W06
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,952.0,1.00%,F,T)

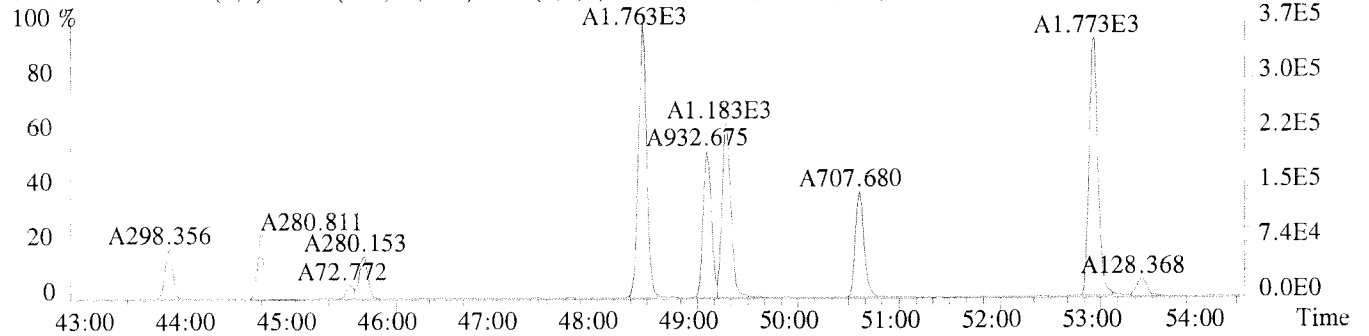


File:U224775 #1-577 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008DL USENE/W06

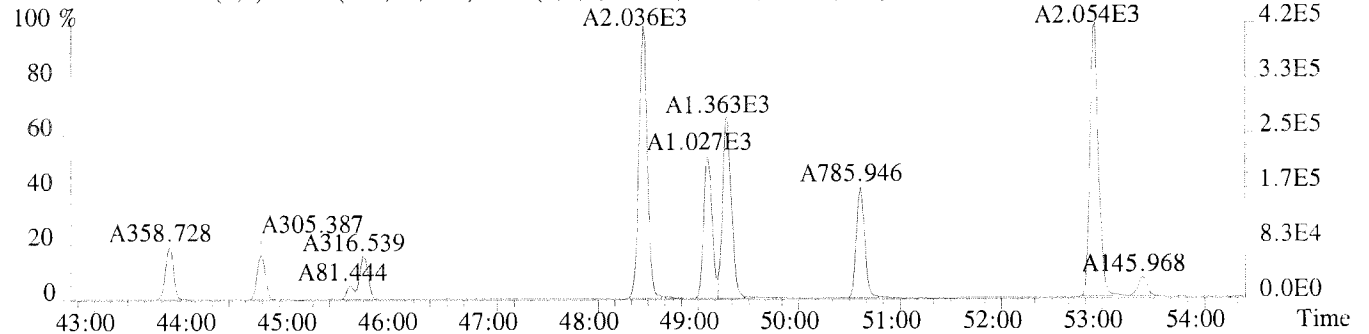


File:U224775 #1-577 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008DL USENE/W06

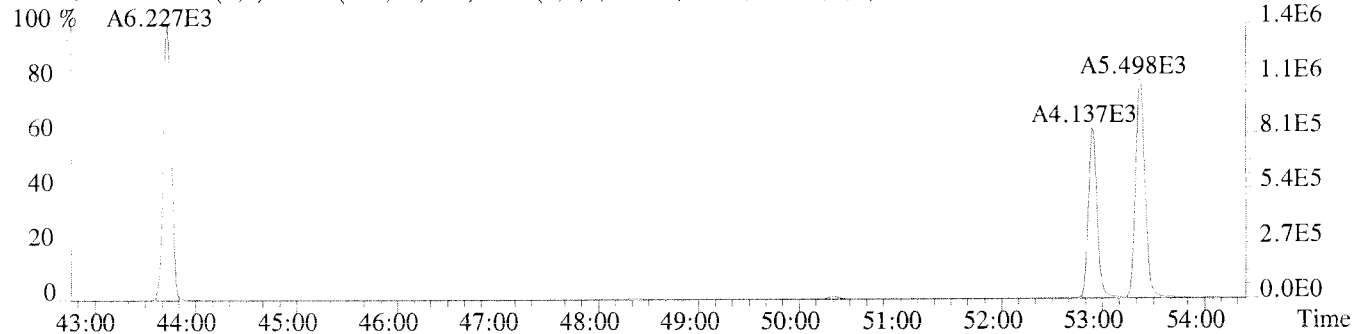
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1168.0,1.00%,F,T)



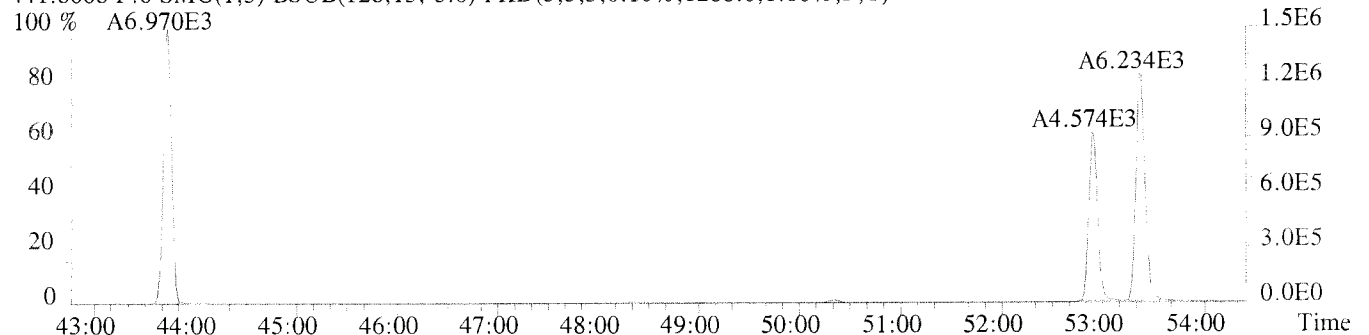
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)



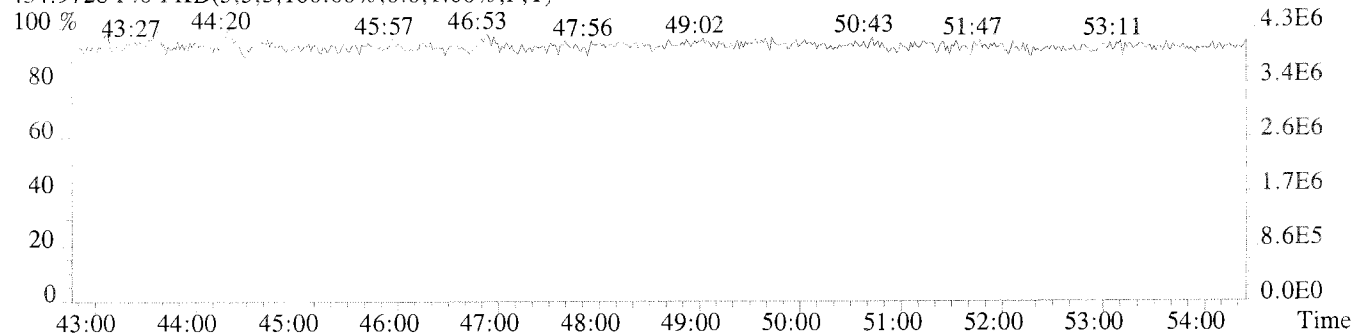
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,988.0,1.00%,F,T)



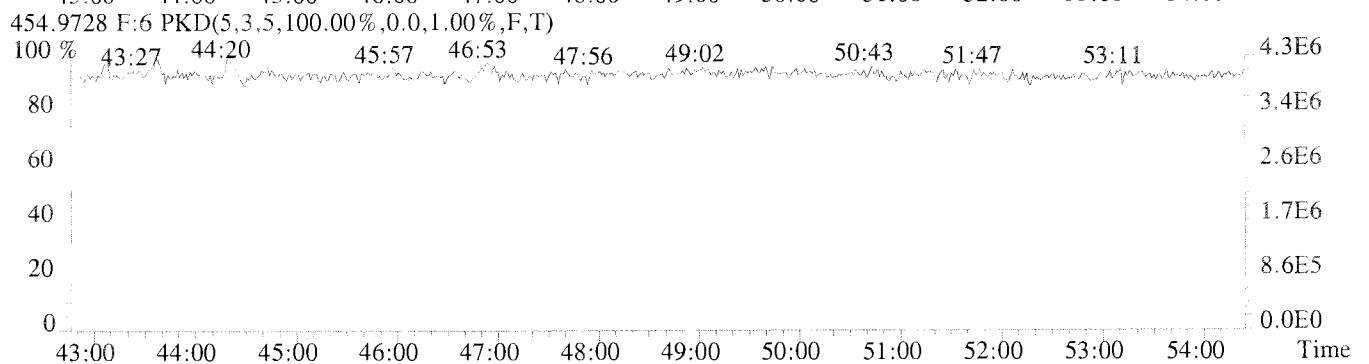
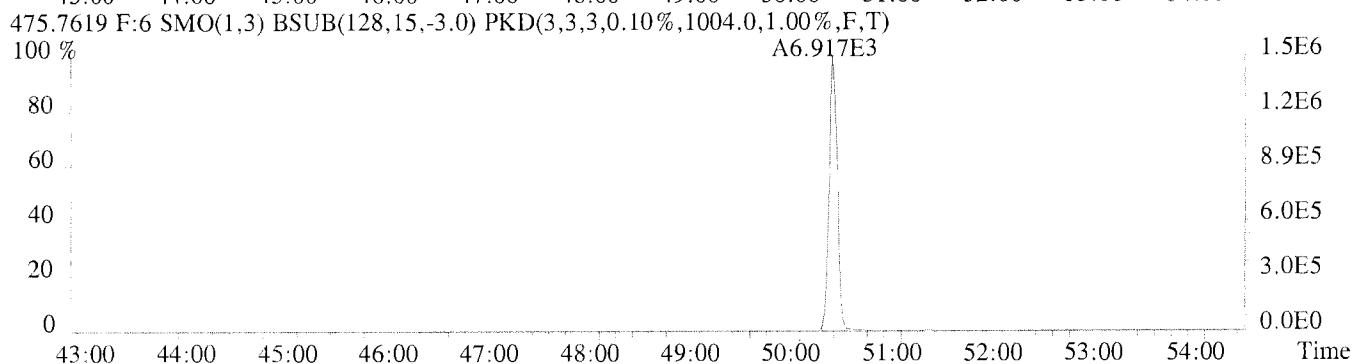
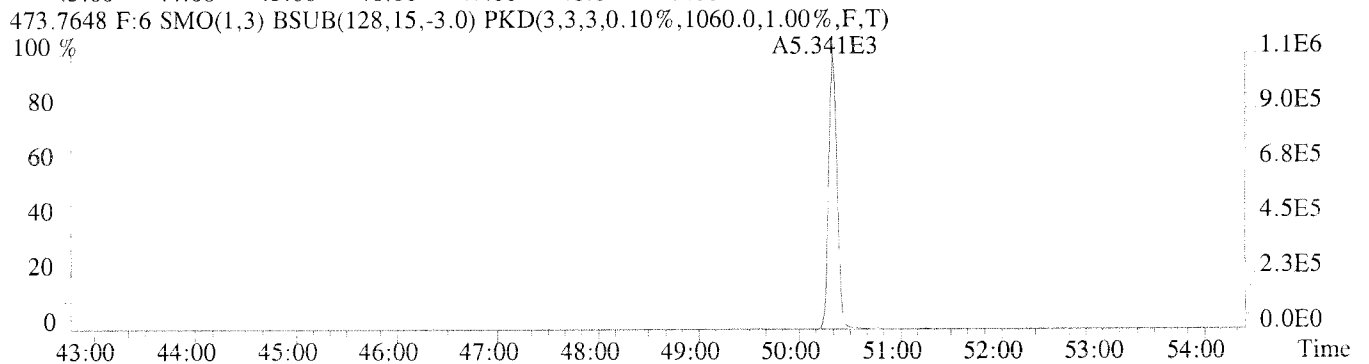
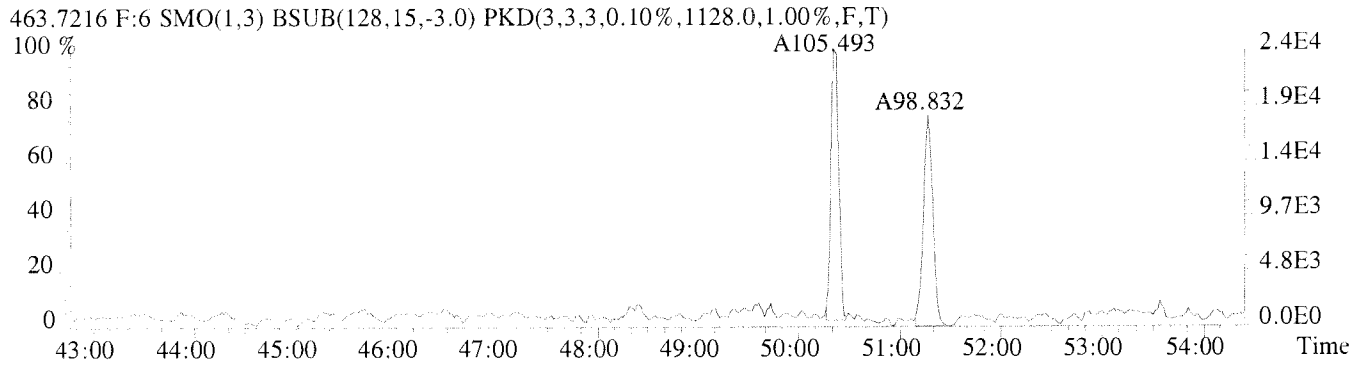
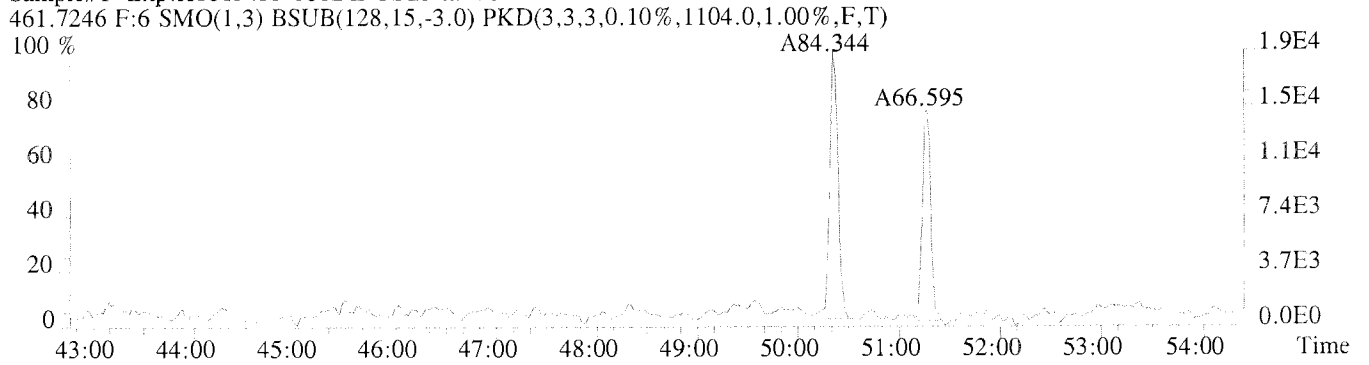
441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1288.0,1.00%,F,T)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



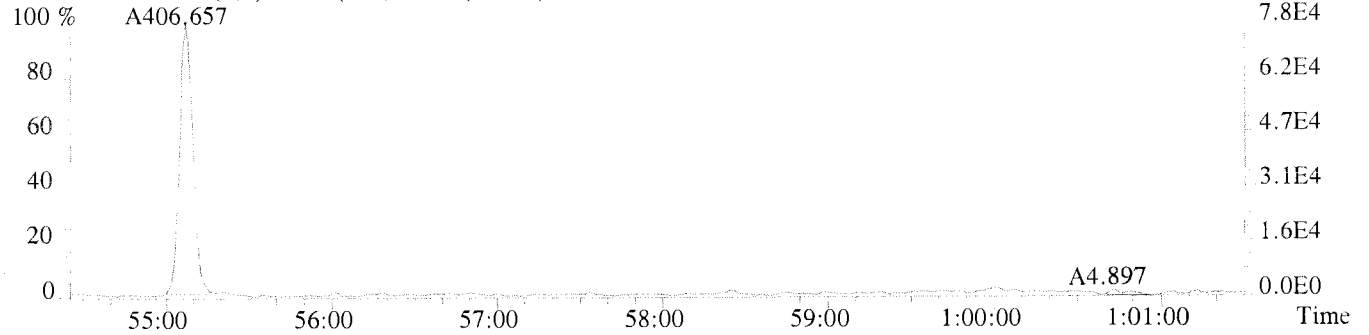
File:U224775 #1-577 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008DL USENE/W06



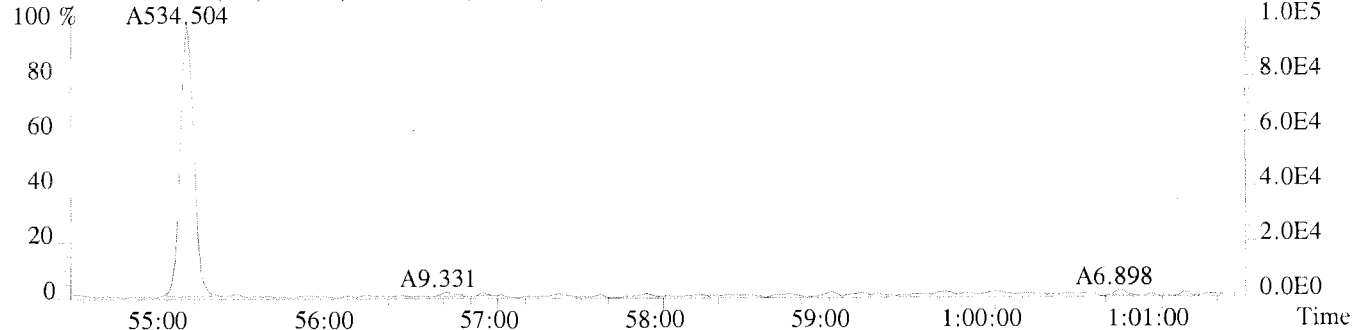
File:U224775 #1-400 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-008DL USENE/W06

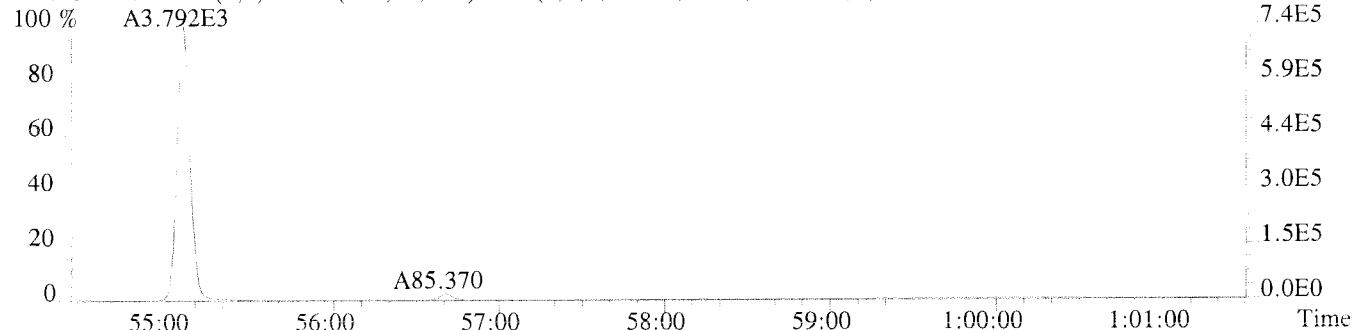
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,948.0,1.00%,F,T)



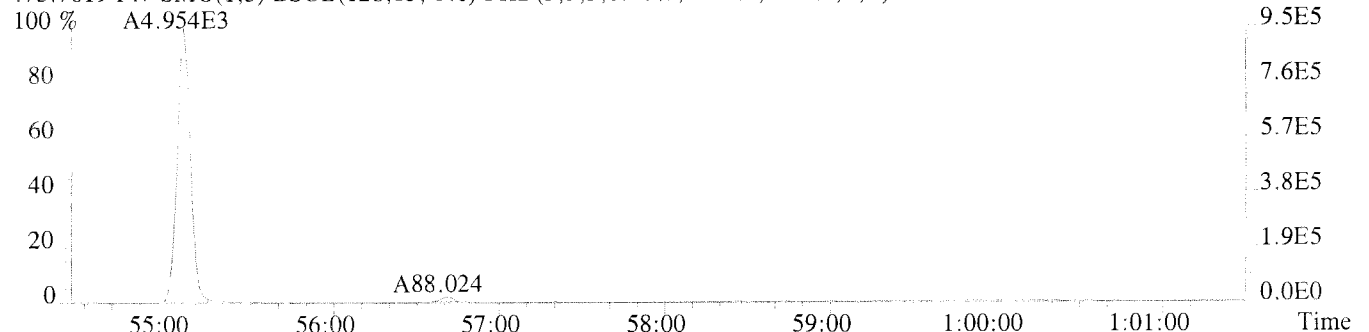
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,744.0,1.00%,F,T)



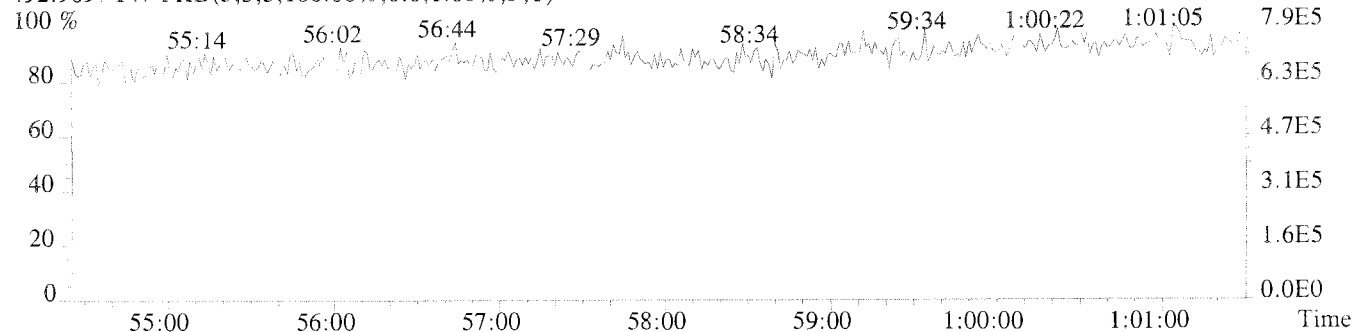
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,692.0,1.00%,F,T)



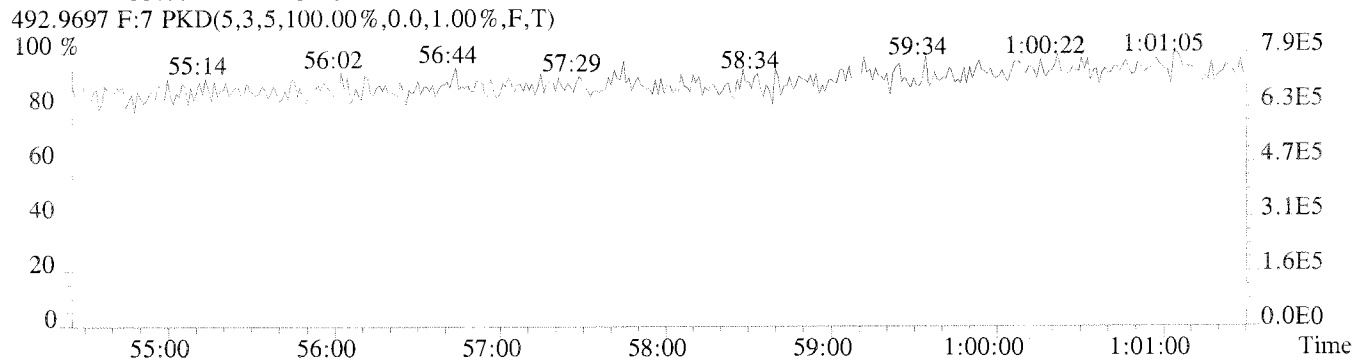
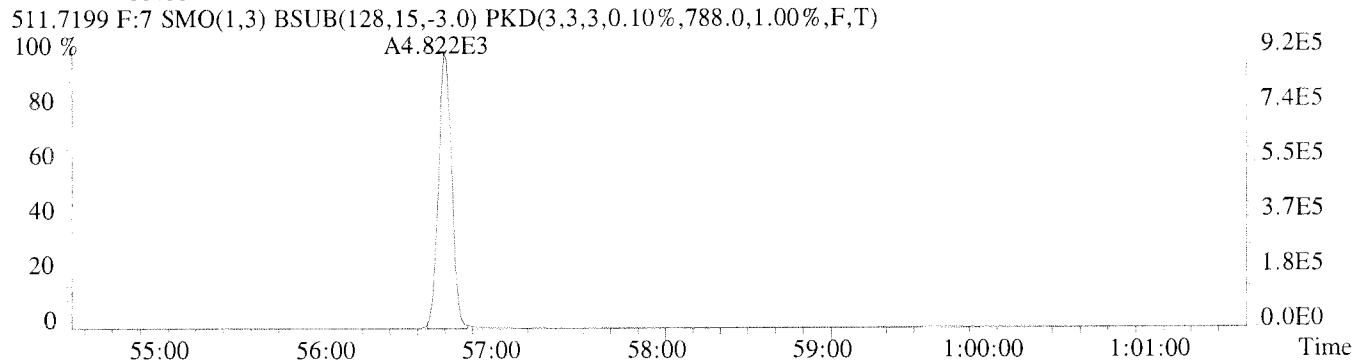
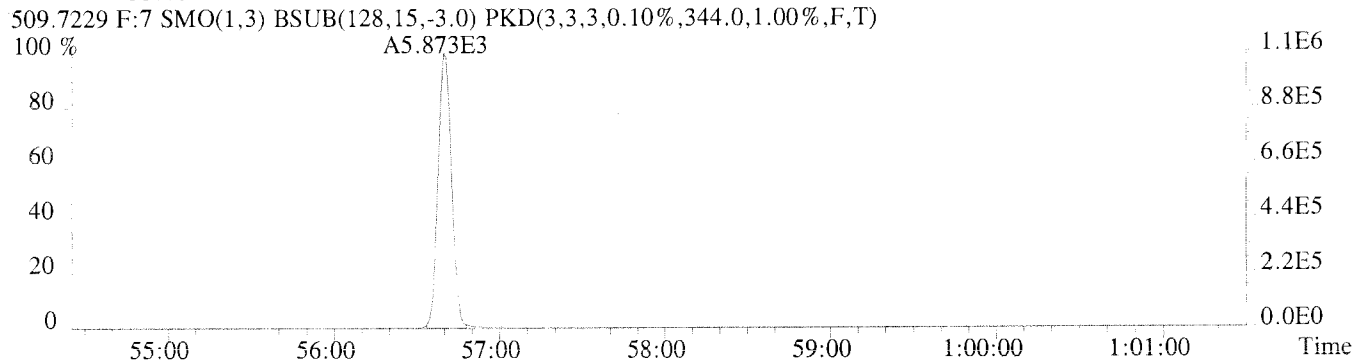
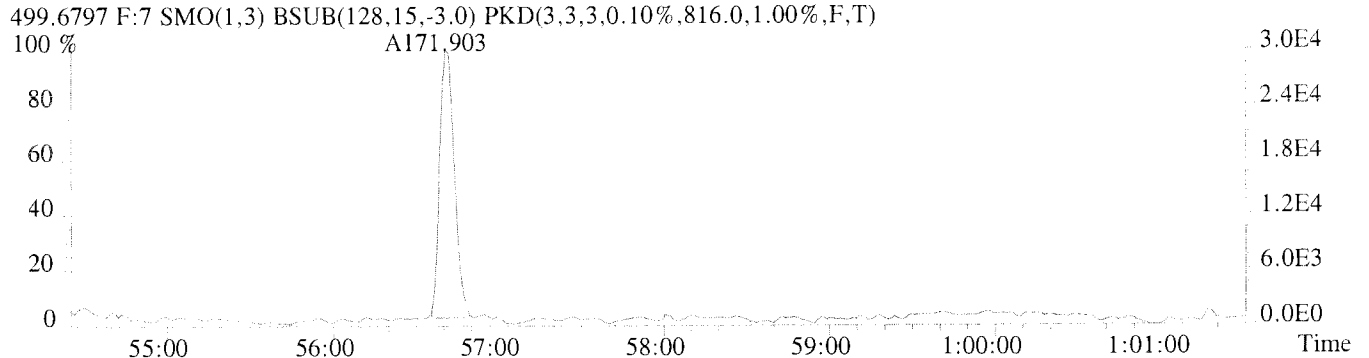
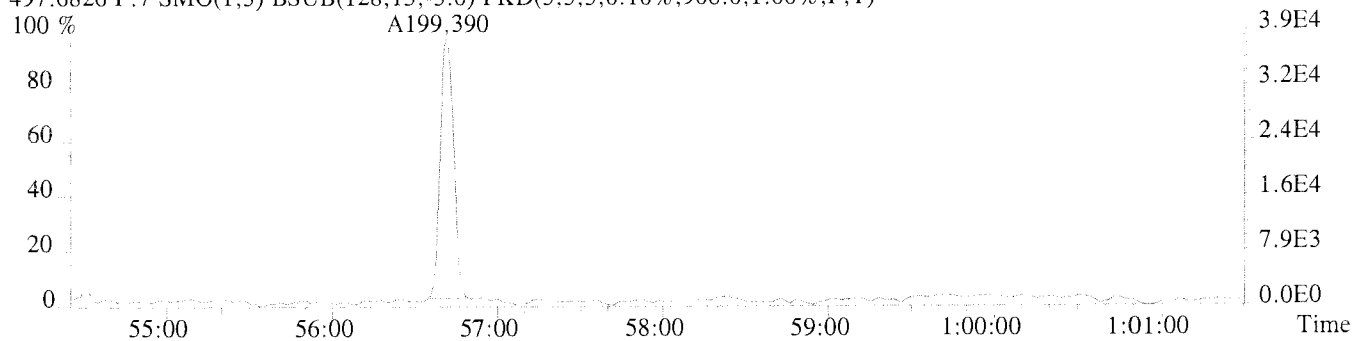
475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1036.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



File:U224775 #1-400 Acq:17-JAN-2011 14:58:31 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-008DL USENE/W06



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-E/W-07-1

Run #9 Filename U224761 Samp: 1 Inj: 1 Acquired: 15-JAN-11 15:40:58
Processed: 17-JAN-11 10:24:31 Sample ID: K1013433-009

#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	12:59	6.504e+02	2.044e+02	3.18	y	y	1.062
2	1	PCB-2	15:03	2.249e+02	7.391e+01	3.04	y	y	1.045
3	1	PCB-3	15:13	1.048e+03	3.098e+02	3.38	y	y	1.057
4	1	PCB-4	NotFnd	*	*	*	n	n	0.952
5	1	PCB-10	NotFnd	*	*	*	n	n	1.347
6	2	PCB-9	NotFnd	*	*	*	n	y	0.979
7	2	PCB-7	NotFnd	*	*	*	n	y	0.997
8	2	PCB-6	18:05	1.123e+03	9.884e+02	1.14	n	y	0.999
9	2	PCB-5	NotFnd	*	*	*	n	y	0.877
10	2	PCB-8	18:27	5.215e+03	3.469e+03	1.50	y	y	1.083
11	2	PCB-14	NotFnd	*	*	*	n	y	1.010
12	2	PCB-11	20:46	4.036e+03	2.329e+03	1.73	y	y	0.968
13	2	PCB-12/13	NotFnd	*	*	*	n	y	0.985
14	2	PCB-15	21:23	6.723e+03	4.164e+03	1.61	y	y	0.973
15	2	PCB-19	18:44	2.647e+02	2.465e+02	1.07	y	y	1.021
16	2	PCB-18/30	20:30	4.065e+03	4.070e+03	1.00	y	y	0.916
17	2	PCB-17	20:53	1.382e+03	1.392e+03	0.99	y	y	0.767
18	2	PCB-27	21:06	3.065e+02	3.696e+02	0.83	n	y	1.121
19	2	PCB-24	NotFnd	*	*	*	n	y	1.011
20	2	PCB-16	21:21	1.296e+03	1.405e+03	0.92	y	y	0.648
21	2	PCB-32	21:50	1.925e+03	1.981e+03	0.97	y	y	1.189
22	3	PCB-34	NotFnd	*	*	*	n	n	1.295
23	3	PCB-23	NotFnd	*	*	*	n	n	1.210
24	3	PCB-26/29	23:32	2.389e+03	2.384e+03	1.00	y	n	1.361
25	3	PCB-25	23:46	1.291e+03	1.276e+03	1.01	y	n	1.530
26	3	PCB-31	24:05	1.757e+04	1.758e+04	1.00	y	n	1.416
27	3	PCB-20/28	24:21	2.006e+04	1.989e+04	1.01	y	n	1.290
28	3	PCB-21/33	24:37	9.917e+03	9.664e+03	1.03	y	n	1.445
29	3	PCB-22	25:00	8.332e+03	8.174e+03	1.02	y	n	1.225
30	3	PCB-36	NotFnd	*	*	*	n	n	1.435
31	3	PCB-39	NotFnd	*	*	*	n	y	1.413
32	3	PCB-38	NotFnd	*	*	*	n	n	1.286
33	3	PCB-35	27:57	8.518e+02	7.378e+02	1.15	y	y	1.278
34	3	PCB-37	28:22	1.281e+04	1.246e+04	1.03	y	y	1.082
35	2	PCB-54	NotFnd	*	*	*	n	y	0.963
36	3	PCB-50/53	23:49	1.142e+03	1.601e+03	0.71	y	n	0.736
37	3	PCB-45/51	24:29	1.484e+03	1.928e+03	0.77	y	n	0.730
38	3	PCB-46	24:48	4.959e+02	6.129e+02	0.81	y	n	0.644
39	3	PCB-52	26:10	1.222e+04	1.580e+04	0.77	y	y	0.781
40	3	PCB-43/73	26:24	4.495e+02	5.090e+02	0.88	y	y	0.778
41	3	PCB-49/69	26:39	7.611e+03	9.525e+03	0.80	y	y	0.885
42	3	PCB-48	26:56	2.410e+03	3.123e+03	0.77	y	y	0.722
43	3	PCB-44/47/65	27:10	1.228e+04	1.579e+04	0.78	y	y	0.814
44	3	PCB-59/62/75	27:30	1.315e+03	1.758e+03	0.75	y	y	0.978
45	3	PCB-42	27:41	2.934e+03	3.939e+03	0.74	y	y	0.715
46	3	PCB-40/41/71	28:11	7.442e+03	9.579e+03	0.78	y	y	0.735
47	3	PCB-64	28:25	8.058e+03	1.046e+04	0.77	y	y	1.052
48	3	PCB-72	29:12	4.673e+01	6.178e+01	0.76	y	y	1.048
49	3	PCB-68	NotFnd	*	*	*	n	n	1.000
50	3	PCB-57	29:55	3.910e+01	7.161e+01	0.55	n	y	1.006

3	PCB-58	NotFnd	*	*	*	n	y	0.970
3	PCB-67	30:19	5.347e+02	8.260e+02	0.65	n	n	1.135
3	PCB-63	30:35	9.312e+02	1.093e+03	0.85	y	n	1.090
3	PCB-61/70/74/76	30:56	4.078e+04	5.303e+04	0.77	y	y	1.020
3	PCB-66	31:15	2.463e+04	3.160e+04	0.78	y	y	1.066
3	PCB-55	31:24	9.481e+02	1.121e+03	0.85	y	y	0.907
4	PCB-56	31:56	1.426e+04	1.818e+04	0.78	y	n	1.004
4	PCB-60	32:09	9.936e+03	1.252e+04	0.79	y	n	0.963
4	PCB-80	NotFnd	*	*	*	n	n	1.154
4	PCB-79	34:03	4.302e+02	5.711e+02	0.75	y	n	1.115
4	PCB-78	NotFnd	*	*	*	n	n	0.980
4	PCB-81	35:04	1.786e+02	3.116e+02	0.57	n	n	1.084
4	PCB-77	35:41	5.705e+03	7.293e+03	0.78	y	n	1.037
3	PCB-104	NotFnd	*	*	*	n	n	1.003
3	PCB-96	27:30	2.647e+02	1.616e+02	1.64	y	n	1.221
3	PCB-103	29:23	1.344e+02	9.073e+01	1.48	y	n	0.993
3	PCB-94	29:38	1.058e+02	8.201e+01	1.29	n	n	0.795
3	PCB-95	30:04	1.650e+04	1.082e+04	1.53	y	n	0.913
3	PCB-93/100	30:17	1.988e+02	1.662e+02	1.20	n	n	0.863
3	PCB-98/102	30:25	9.289e+02	6.346e+02	1.46	y	n	0.897
3	PCB-88/91	30:56	2.895e+03	1.899e+03	1.52	y	y	0.874
3	PCB-84	31:10	4.933e+03	3.224e+03	1.53	y	y	0.800
3	PCB-89	31:38	4.243e+02	2.760e+02	1.54	y	y	0.834
4	PCB-121	NotFnd	*	*	*	n	n	1.009
4	PCB-92	32:24	3.315e+03	2.183e+03	1.52	y	n	0.716
4	PCB-90/101/113	32:59	2.792e+04	1.776e+04	1.57	y	n	0.814
4	PCB-83/99	33:33	1.103e+04	7.195e+03	1.53	y	n	0.690
4	PCB-112	NotFnd	*	*	*	n	n	1.015
4	PCB-86/87/97/109/119/125	34:10	1.865e+04	1.196e+04	1.56	y	y	0.809
4	PCB-117	34:41	5.421e+02	3.336e+02	1.63	y	y	0.820
4	PCB-85/116	34:47	5.216e+03	3.355e+03	1.55	y	y	0.883
4	PCB-110/115	34:57	3.671e+04	2.379e+04	1.54	y	y	0.948
4	PCB-82	35:17	2.816e+03	1.695e+03	1.66	y	n	0.615
4	PCB-111	NotFnd	*	*	*	n	n	0.892
4	PCB-120	36:06	2.982e+02	3.589e+02	0.83	n	n	0.962
5	PCB-108/124	37:14	1.563e+03	9.944e+02	1.57	y	n	0.885
5	PCB-107	37:28	2.953e+03	1.898e+03	1.56	y	n	0.943
5	PCB-123	37:36	9.422e+02	5.510e+02	1.71	y	n	1.076
5	PCB-106	NotFnd	*	*	*	n	n	0.898
5	PCB-118	37:55	3.728e+04	2.384e+04	1.56	y	n	1.103
5	PCB-122	38:16	4.726e+02	3.010e+02	1.57	y	n	0.818
5	PCB-114	38:26	1.363e+03	7.873e+02	1.73	y	n	1.079
5	PCB-105	39:07	2.407e+04	1.540e+04	1.56	y	n	1.059
5	PCB-127	NotFnd	*	*	*	n	n	0.875
5	PCB-126	42:11	7.106e+02	4.235e+02	1.68	y	n	1.041
4	PCB-155	NotFnd	*	*	*	n	n	0.977
4	PCB-152	NotFnd	*	*	*	n	y	1.591
4	PCB-150	33:07	1.548e+02	1.299e+02	1.19	y	n	1.456
4	PCB-136	33:32	8.496e+03	6.868e+03	1.24	y	n	1.518
4	PCB-145	NotFnd	*	*	*	n	n	1.390
4	PCB-148	35:15	4.136e+01	3.206e+01	1.29	y	n	1.098
4	PCB-135/151	35:52	2.147e+04	1.794e+04	1.20	y	n	1.041
4	PCB-154	36:06	5.417e+02	7.366e+02	0.74	n	n	1.242
4	PCB-144	36:26	3.364e+03	2.863e+03	1.18	y	n	1.088
5	PCB-147/149	36:47	4.903e+04	3.957e+04	1.24	y	n	0.883
5	PCB-134	37:00	1.915e+03	1.506e+03	1.27	y	n	0.689
5	PCB-143	NotFnd	*	*	*	n	n	0.869

108	5	PCB-139/140	37:22	3.937e+02	3.307e+02	1.19	y	n	0.861
109	5	PCB-131	37:35	3.828e+02	3.021e+02	1.27	y	n	0.763
110	5	PCB-142	NotFnd	*	*	*	n	n	0.761
111	5	PCB-132	38:03	1.360e+04	1.104e+04	1.23	y	n	0.710
112	5	PCB-133	38:31	6.227e+02	4.772e+02	1.30	y	n	0.749
113	5	PCB-165	NotFnd	*	*	*	n	n	0.935
114	5	PCB-146	39:09	1.019e+04	8.181e+03	1.25	y	n	0.905
115	5	PCB-161	NotFnd	*	*	*	n	n	1.097
116	5	PCB-153/168	39:46	7.849e+04	6.341e+04	1.24	y	n	0.974
117	5	PCB-141	39:59	1.506e+04	1.209e+04	1.25	y	n	0.837
118	5	PCB-130	40:25	2.513e+03	2.003e+03	1.25	y	n	0.701
119	5	PCB-137	40:37	1.137e+03	8.838e+02	1.29	y	n	0.774
120	5	PCB-164	40:44	5.263e+03	4.321e+03	1.22	y	n	1.042
121	5	PCB-129/138/163	41:02	7.687e+04	6.152e+04	1.25	y	n	0.837
122	5	PCB-160	NotFnd	*	*	*	n	n	1.023
123	5	PCB-158	41:25	8.611e+03	6.980e+03	1.23	y	n	1.164
124	5	PCB-128/166	42:18	8.196e+03	6.495e+03	1.26	y	n	0.899
125	6	PCB-159	43:14	1.763e+03	1.476e+03	1.19	y	n	0.805
126	6	PCB-162	43:33	2.611e+02	1.932e+02	1.35	y	n	0.756
127	6	PCB-167	44:01	2.534e+03	2.024e+03	1.25	y	n	1.030
128	6	PCB-156/157	45:08	5.743e+03	4.710e+03	1.22	y	n	1.064
129	6	PCB-169	NotFnd	*	*	*	n	y	1.036
130	5	PCB-188	38:24	7.835e+01	8.753e+01	0.90	y	y	0.950
131	5	PCB-179	38:47	1.350e+04	1.343e+04	1.01	y	n	1.134
132	5	PCB-184	NotFnd	*	*	*	n	n	1.120
133	5	PCB-176	39:40	4.246e+03	4.233e+03	1.00	y	n	1.100
134	5	PCB-186	NotFnd	*	*	*	n	n	1.035
135	5	PCB-178	41:28	4.963e+03	5.042e+03	0.98	y	n	0.795
136	5	PCB-175	42:05	1.154e+03	1.159e+03	1.00	y	n	0.835
137	5	PCB-187	42:21	3.836e+04	3.799e+04	1.01	y	n	0.868
138	5	PCB-182	42:32	1.768e+02	1.730e+02	1.02	y	n	0.862
139	6	PCB-183	42:59	1.281e+04	1.241e+04	1.03	y	y	0.646
140	6	PCB-185	43:04	1.814e+03	1.812e+03	1.00	y	y	0.493
141	6	PCB-174	43:13	2.051e+04	1.988e+04	1.03	y	y	0.545
142	6	PCB-177	43:40	1.238e+04	1.200e+04	1.03	y	n	0.533
143	6	PCB-181	NotFnd	*	*	*	n	n	0.519
144	6	PCB-171/173	44:17	5.788e+03	5.641e+03	1.03	y	n	0.516
145	6	PCB-172	45:53	3.283e+03	3.140e+03	1.05	y	n	0.524
146	6	PCB-192	NotFnd	*	*	*	n	n	0.624
147	6	PCB-180/193	46:32	5.599e+04	5.401e+04	1.04	y	n	0.642
148	6	PCB-191	46:53	1.315e+03	1.241e+03	1.06	y	n	0.686
149	6	PCB-170	47:47	1.654e+04	1.606e+04	1.03	y	n	0.478
150	6	PCB-190	48:17	5.163e+03	4.991e+03	1.03	y	n	0.672
151	6	PCB-189	50:51	7.226e+02	7.077e+02	1.02	y	n	0.912
152	6	PCB-202	43:46	1.968e+03	2.244e+03	0.88	y	n	0.869
153	6	PCB-201	44:41	1.503e+03	1.813e+03	0.83	y	n	0.943
154	6	PCB-204	NotFnd	*	*	*	n	n	0.942
155	6	PCB-197	45:34	4.722e+02	4.634e+02	1.02	y	n	0.918
156	6	PCB-200	45:42	1.400e+03	1.692e+03	0.83	y	n	0.930
157	6	PCB-198/199	48:28	9.195e+03	1.057e+04	0.87	y	n	0.627
158	6	PCB-196	49:07	4.528e+03	5.168e+03	0.88	y	n	0.638
159	6	PCB-203	49:18	6.039e+03	6.973e+03	0.87	y	n	0.683
160	6	PCB-195	50:38	3.486e+03	3.895e+03	0.89	y	n	0.610
161	6	PCB-194	52:56	8.959e+03	1.021e+04	0.88	y	n	0.629
162	6	PCB-205	53:24	6.303e+02	7.319e+02	0.86	y	n	0.933
163	6	PCB-208	50:22	5.127e+02	6.507e+02	0.79	y	n	0.915
164	6	PCB-207	51:18	4.109e+02	5.473e+02	0.75	y	n	1.154

165	7	PCB-206	55:08	1.623e+03	2.165e+03	0.75	y	n	0.937
166	7	PCB-209	56:42	2.297e+03	1.974e+03	1.16	y	n	0.925
167	1	PCB-11L	12:59	2.240e+04	7.312e+03	3.06	y	y	1.162
168	1	PCB-3L	15:12	2.308e+04	7.023e+03	3.29	y	y	1.187
169	1	PCB-4L	15:28	1.518e+04	1.004e+04	1.51	y	n	0.907
170	2	PCB-15L	21:22	1.582e+04	9.935e+03	1.59	y	n	1.030
171	2	PCB-19L	18:43	6.952e+03	6.774e+03	1.03	y	n	0.615
172	3	PCB-37L	28:21	1.564e+04	1.432e+04	1.09	y	n	1.320
173	2	PCB-54L	21:41	1.217e+04	1.573e+04	0.77	y	n	1.261
174	4	PCB-81L	35:03	1.171e+04	1.452e+04	0.81	y	n	1.088
175	4	PCB-77L	35:40	1.272e+04	1.588e+04	0.80	y	n	1.091
176	3	PCB-104L	27:06	1.938e+04	1.258e+04	1.54	y	n	1.480
177	5	PCB-123L	37:34	1.681e+04	1.055e+04	1.59	y	n	1.214
178	5	PCB-118L	37:53	1.664e+04	1.028e+04	1.62	y	n	1.246
179	5	PCB-114L	38:25	1.651e+04	1.034e+04	1.60	y	n	1.236
180	5	PCB-105L	39:05	1.748e+04	1.094e+04	1.60	y	n	1.197
181	5	PCB-126L	42:09	1.703e+04	1.057e+04	1.61	y	n	1.105
182	4	PCB-155L	32:42	1.988e+04	1.622e+04	1.23	y	n	1.599
183	6	PCB-167L	43:59	1.116e+04	8.766e+03	1.27	y	n	1.051
184	6	PCB-156/157L	45:08	2.179e+04	1.627e+04	1.34	y	n	0.962
185	6	PCB-169L	48:21	9.464e+03	7.367e+03	1.28	y	n	0.886
186	5	PCB-188L	38:24	1.627e+04	1.557e+04	1.04	y	n	2.483
187	6	PCB-189L	50:50	8.255e+03	7.859e+03	1.05	y	n	1.503
188	6	PCB-202L	43:45	1.068e+04	1.203e+04	0.89	y	n	1.757
189	6	PCB-205L	53:23	8.200e+03	9.240e+03	0.89	y	n	1.317
190	6	PCB-208L	50:21	8.449e+03	1.096e+04	0.77	y	n	1.446
191	7	PCB-206L	55:06	4.520e+03	5.875e+03	0.77	y	n	1.176
192	7	PCB-209L	56:41	6.965e+03	5.904e+03	1.18	y	n	1.606
193	3	PCB-28L	24:21	1.745e+04	1.605e+04	1.09	y	n	1.538
194	4	PCB-111L	35:38	1.722e+04	1.096e+04	1.57	y	n	1.238
195	5	PCB-178L	41:27	1.131e+04	1.102e+04	1.03	y	n	0.895
196	2	PCB-9L	17:50	2.158e+04	1.349e+04	1.60	y	n	-
197	3	PCB-52L	26:09	1.294e+04	1.645e+04	0.79	y	n	-
198	4	PCB-101L	32:57	1.850e+04	1.182e+04	1.57	y	n	-
199	5	PCB-138L	41:00	2.130e+04	1.689e+04	1.26	y	n	-
200	6	PCB-194L	52:55	8.378e+03	9.241e+03	0.91	y	n	-

-- Sample Calculation--

$$\text{PCB-209} = \frac{(2.297e+03 + 1.974e+03) \times 10000 \text{ pg} \times 1}{(6.965e+03 + 5.904e+03) \times (5.229 \text{ g}) \times (100) / 100} \times 0.9245 = 688.52 \text{ ng/kg}$$

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01/19/11

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spl66respa
 02/2009

Run #9 Filename U224761#1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 15:40:58

Processed: 17-JAN-11 10:24:31 LAB. ID: K1013433-009

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	1.12e+05	2.25e+03	5.0e+01	3.48e+04	2.54e+03	1.4e+01
2	PCB-2	4.33e+04	2.25e+03	1.9e+01	1.36e+04	2.54e+03	5.4e+00
3	PCB-3	1.11e+05	2.25e+03	4.9e+01	3.28e+04	2.54e+03	1.3e+01
4	PCB-4	*	3.05e+04	*	*	1.49e+05	*
5	PCB-10	*	3.05e+04	*	*	1.49e+05	*
6	PCB-9	*	1.00e+04	*	*	5.92e+04	*
7	PCB-7	*	1.00e+04	*	*	5.92e+04	*
8	PCB-6	3.28e+05	1.00e+04	3.3e+01	2.49e+05	5.92e+04	4.2e+00
9	PCB-5	*	1.00e+04	*	*	5.92e+04	*
10	PCB-8	1.30e+06	1.00e+04	1.3e+02	8.57e+05	5.92e+04	1.4e+01
11	PCB-14	*	1.00e+04	*	*	5.92e+04	*
12	PCB-11	8.41e+05	1.00e+04	8.4e+01	5.38e+05	5.92e+04	9.1e+00
13	PCB-12/13	*	1.00e+04	*	*	5.92e+04	*
14	PCB-15	1.44e+06	1.00e+04	1.4e+02	9.16e+05	5.92e+04	1.5e+01
15	PCB-19	6.52e+04	1.07e+04	6.1e+00	6.10e+04	2.61e+03	2.3e+01
16	PCB-18/30	9.97e+05	1.07e+04	9.3e+01	9.73e+05	2.61e+03	3.7e+02
17	PCB-17	3.39e+05	1.07e+04	3.2e+01	3.16e+05	2.61e+03	1.2e+02
18	PCB-27	7.80e+04	1.07e+04	7.3e+00	8.27e+04	2.61e+03	3.2e+01
19	PCB-24	*	1.07e+04	*	*	2.61e+03	*
20	PCB-16	3.11e+05	1.07e+04	2.9e+01	3.19e+05	2.61e+03	1.2e+02
21	PCB-32	4.53e+05	1.07e+04	4.2e+01	4.61e+05	2.61e+03	1.8e+02
22	PCB-34	*	9.46e+03	*	*	2.13e+03	*
23	PCB-23	*	9.46e+03	*	*	2.13e+03	*
24	PCB-26/29	4.60e+05	9.46e+03	4.9e+01	4.53e+05	2.13e+03	2.1e+02
25	PCB-25	2.27e+05	9.46e+03	2.4e+01	2.11e+05	2.13e+03	9.9e+01
26	PCB-31	3.30e+06	9.46e+03	3.5e+02	3.29e+06	2.13e+03	1.5e+03
27	PCB-20/28	3.53e+06	9.46e+03	3.7e+02	3.52e+06	2.13e+03	1.7e+03
28	PCB-21/33	1.69e+06	9.46e+03	1.8e+02	1.67e+06	2.13e+03	7.8e+02
29	PCB-22	1.47e+06	9.46e+03	1.6e+02	1.40e+06	2.13e+03	6.6e+02
30	PCB-36	*	9.46e+03	*	*	2.13e+03	*
31	PCB-39	*	9.46e+03	*	*	2.13e+03	*
32	PCB-38	*	9.46e+03	*	*	2.13e+03	*
33	PCB-35	1.29e+05	9.46e+03	1.4e+01	1.22e+05	2.13e+03	5.7e+01
34	PCB-37	2.02e+06	9.46e+03	2.1e+02	1.97e+06	2.13e+03	9.2e+02
35	PCB-54	*	1.90e+03	*	*	2.04e+03	*
36	PCB-50/53	2.29e+05	1.46e+03	1.6e+02	3.30e+05	1.03e+03	3.2e+02
37	PCB-45/51	2.35e+05	1.46e+03	1.6e+02	2.96e+05	1.03e+03	2.9e+02
38	PCB-46	9.53e+04	1.46e+03	6.5e+01	1.31e+05	1.03e+03	1.3e+02
39	PCB-52	2.29e+06	1.46e+03	1.6e+03	3.00e+06	1.03e+03	2.9e+03
40	PCB-43/73	7.43e+04	1.46e+03	5.1e+01	9.51e+04	1.03e+03	9.3e+01
41	PCB-49/69	1.43e+06	1.46e+03	9.8e+02	1.79e+06	1.03e+03	1.7e+03
42	PCB-48	4.55e+05	1.46e+03	3.1e+02	5.67e+05	1.03e+03	5.5e+02
43	PCB-44/47/65	2.13e+06	1.46e+03	1.5e+03	2.72e+06	1.03e+03	2.6e+03
44	PCB-59/62/75	2.45e+05	1.46e+03	1.7e+02	3.20e+05	1.03e+03	3.1e+02
45	PCB-42	5.55e+05	1.46e+03	3.8e+02	7.30e+05	1.03e+03	7.1e+02
46	PCB-40/41/71	1.17e+06	1.46e+03	8.0e+02	1.53e+06	1.03e+03	1.5e+03
47	PCB-64	1.44e+06	1.46e+03	9.9e+02	1.86e+06	1.03e+03	1.8e+03

48	PCB-72	1.47e+04	1.46e+03	1.0e+01	1.70e+04	1.03e+03	1.6e+01
49	PCB-68	*	1.46e+03	*	*	1.03e+03	*
50	PCB-57	1.06e+04	1.46e+03	7.3e+00	1.50e+04	1.03e+03	1.5e+01
51	PCB-58	*	1.46e+03	*	*	1.03e+03	*
52	PCB-67	9.74e+04	1.46e+03	6.7e+01	1.35e+05	1.03e+03	1.3e+02
53	PCB-63	1.63e+05	1.46e+03	1.1e+02	2.01e+05	1.03e+03	2.0e+02
54	PCB-61/70/74/76	5.26e+06	1.46e+03	3.6e+03	6.81e+06	1.03e+03	6.6e+03
55	PCB-66	4.06e+06	1.46e+03	2.8e+03	5.24e+06	1.03e+03	5.1e+03
56	PCB-55	1.82e+05	1.46e+03	1.3e+02	2.26e+05	1.03e+03	2.2e+02
57	PCB-56	2.46e+06	6.74e+03	3.6e+02	3.09e+06	5.66e+03	5.5e+02
58	PCB-60	1.63e+06	6.74e+03	2.4e+02	2.04e+06	5.66e+03	3.6e+02
59	PCB-80	*	6.74e+03	*	*	5.66e+03	*
60	PCB-79	8.39e+04	6.74e+03	1.2e+01	1.09e+05	5.66e+03	1.9e+01
61	PCB-78	*	6.74e+03	*	*	5.66e+03	*
62	PCB-81	3.51e+04	6.74e+03	5.2e+00	4.90e+04	5.66e+03	8.7e+00
63	PCB-77	9.81e+05	6.74e+03	1.5e+02	1.25e+06	5.66e+03	2.2e+02
64	PCB-104	*	1.00e+03	*	*	1.36e+03	*
65	PCB-96	4.93e+04	1.00e+03	4.9e+01	3.15e+04	1.36e+03	2.3e+01
66	PCB-103	2.57e+04	1.00e+03	2.6e+01	1.53e+04	1.36e+03	1.1e+01
67	PCB-94	2.17e+04	1.00e+03	2.2e+01	1.61e+04	1.36e+03	1.2e+01
68	PCB-95	3.02e+06	1.00e+03	3.0e+03	1.97e+06	1.36e+03	1.4e+03
69	PCB-93/100	4.61e+04	1.00e+03	4.6e+01	3.30e+04	1.36e+03	2.4e+01
70	PCB-98/102	1.57e+05	1.00e+03	1.6e+02	1.05e+05	1.36e+03	7.7e+01
71	PCB-88/91	5.31e+05	1.00e+03	5.3e+02	3.55e+05	1.36e+03	2.6e+02
72	PCB-84	9.18e+05	1.00e+03	9.1e+02	5.94e+05	1.36e+03	4.4e+02
73	PCB-89	7.86e+04	1.00e+03	7.8e+01	5.04e+04	1.36e+03	3.7e+01
74	PCB-121	*	2.75e+03	*	*	2.67e+03	*
75	PCB-92	6.19e+05	2.75e+03	2.3e+02	4.11e+05	2.67e+03	1.5e+02
76	PCB-90/101/113	5.06e+06	2.75e+03	1.8e+03	3.22e+06	2.67e+03	1.2e+03
77	PCB-83/99	1.82e+06	2.75e+03	6.6e+02	1.21e+06	2.67e+03	4.5e+02
78	PCB-112	*	2.75e+03	*	*	2.67e+03	*
79	PCB-86/87/97/109/119/125	1.91e+06	2.75e+03	6.9e+02	1.25e+06	2.67e+03	4.7e+02
80	PCB-117	1.43e+05	2.75e+03	5.2e+01	9.78e+04	2.67e+03	3.7e+01
81	PCB-85/116	9.07e+05	2.75e+03	3.3e+02	5.87e+05	2.67e+03	2.2e+02
82	PCB-110/115	6.41e+06	2.75e+03	2.3e+03	4.17e+06	2.67e+03	1.6e+03
83	PCB-82	4.40e+05	2.75e+03	1.6e+02	2.76e+05	2.67e+03	1.0e+02
84	PCB-111	*	2.75e+03	*	*	2.67e+03	*
85	PCB-120	5.09e+04	2.75e+03	1.8e+01	5.34e+04	2.67e+03	2.0e+01
86	PCB-108/124	2.91e+05	3.25e+04	8.9e+00	1.77e+05	2.01e+04	8.8e+00
87	PCB-107	5.41e+05	3.25e+04	1.7e+01	3.57e+05	2.01e+04	1.8e+01
88	PCB-123	1.79e+05	3.25e+04	5.5e+00	1.02e+05	2.01e+04	5.1e+00
89	PCB-106	*	3.25e+04	*	*	2.01e+04	*
90	PCB-118	6.25e+06	3.25e+04	1.9e+02	3.99e+06	2.01e+04	2.0e+02
91	PCB-122	9.86e+04	3.25e+04	3.0e+00	6.60e+04	2.01e+04	3.3e+00
92	PCB-114	2.31e+05	3.25e+04	7.1e+00	1.42e+05	2.01e+04	7.1e+00
93	PCB-105	3.96e+06	3.25e+04	1.2e+02	2.53e+06	2.01e+04	1.3e+02
94	PCB-127	*	3.25e+04	*	*	2.01e+04	*
95	PCB-126	1.24e+05	3.25e+04	3.8e+00	8.05e+04	2.01e+04	4.0e+00
96	PCB-155	*	1.31e+03	*	*	8.32e+02	*
97	PCB-152	*	1.31e+03	*	*	8.32e+02	*
98	PCB-150	2.78e+04	1.31e+03	2.1e+01	2.13e+04	8.32e+02	2.6e+01
99	PCB-136	1.65e+06	1.31e+03	1.3e+03	1.32e+06	8.32e+02	1.6e+03
100	PCB-145	*	1.31e+03	*	*	8.32e+02	*
101	PCB-148	8.67e+03	1.31e+03	6.6e+00	5.55e+03	8.32e+02	6.7e+00
102	PCB-135/151	3.08e+06	1.31e+03	2.4e+03	2.54e+06	8.32e+02	3.1e+03
103	PCB-154	1.03e+05	1.31e+03	7.9e+01	1.18e+05	8.32e+02	1.4e+02
104	PCB-144	6.01e+05	1.31e+03	4.6e+02	5.26e+05	8.32e+02	6.3e+02

Run #9

Filename U224761#1 Samp: 1

Acquired: 15-JAN-11 15:40:58

105	PCB-147/149	8.86e+06	4.78e+03	1.9e+03	7.14e+06	2.52e+03	2.8e+03
106	PCB-134	3.36e+05	4.78e+03	7.0e+01	2.62e+05	2.52e+03	1.0e+02
107	PCB-143	*	4.78e+03	*	*	2.52e+03	*
108	PCB-139/140	7.02e+04	4.78e+03	1.5e+01	6.07e+04	2.52e+03	2.4e+01
109	PCB-131	6.73e+04	4.78e+03	1.4e+01	5.77e+04	2.52e+03	2.3e+01
110	PCB-142	*	4.78e+03	*	*	2.52e+03	*
111	PCB-132	2.46e+06	4.78e+03	5.2e+02	1.99e+06	2.52e+03	7.9e+02
112	PCB-133	1.15e+05	4.78e+03	2.4e+01	8.81e+04	2.52e+03	3.5e+01
113	PCB-165	*	4.78e+03	*	*	2.52e+03	*
114	PCB-146	1.83e+06	4.78e+03	3.8e+02	1.45e+06	2.52e+03	5.8e+02
115	PCB-161	*	4.78e+03	*	*	2.52e+03	*
116	PCB-153/168	1.42e+07	4.78e+03	3.0e+03	1.15e+07	2.52e+03	4.6e+03
117	PCB-141	2.52e+06	4.78e+03	5.3e+02	2.01e+06	2.52e+03	8.0e+02
118	PCB-130	4.58e+05	4.78e+03	9.6e+01	3.56e+05	2.52e+03	1.4e+02
119	PCB-137	2.21e+05	4.78e+03	4.6e+01	1.68e+05	2.52e+03	6.7e+01
120	PCB-164	9.92e+05	4.78e+03	2.1e+02	8.22e+05	2.52e+03	3.3e+02
121	PCB-129/138/163	1.33e+07	4.78e+03	2.8e+03	1.06e+07	2.52e+03	4.2e+03
122	PCB-160	*	4.78e+03	*	*	2.52e+03	*
123	PCB-158	1.50e+06	4.78e+03	3.1e+02	1.22e+06	2.52e+03	4.8e+02
124	PCB-128/166	1.21e+06	4.78e+03	2.5e+02	9.31e+05	2.52e+03	3.7e+02
125	PCB-159	3.70e+05	3.44e+03	1.1e+02	3.13e+05	7.70e+03	4.1e+01
126	PCB-162	5.86e+04	3.44e+03	1.7e+01	4.53e+04	7.70e+03	5.9e+00
127	PCB-167	5.47e+05	3.44e+03	1.6e+02	4.38e+05	7.70e+03	5.7e+01
128	PCB-156/157	1.12e+06	3.44e+03	3.3e+02	9.14e+05	7.70e+03	1.2e+02
129	PCB-169	*	3.44e+03	*	*	7.70e+03	*
130	PCB-188	1.24e+04	1.30e+03	9.6e+00	1.59e+04	1.22e+03	1.3e+01
131	PCB-179	2.46e+06	1.30e+03	1.9e+03	2.44e+06	1.22e+03	2.0e+03
132	PCB-184	*	1.30e+03	*	*	1.22e+03	*
133	PCB-176	7.52e+05	1.30e+03	5.8e+02	7.61e+05	1.22e+03	6.2e+02
134	PCB-186	*	1.30e+03	*	*	1.22e+03	*
135	PCB-178	9.22e+05	1.30e+03	7.1e+02	9.14e+05	1.22e+03	7.5e+02
136	PCB-175	2.11e+05	1.30e+03	1.6e+02	2.05e+05	1.22e+03	1.7e+02
137	PCB-187	6.89e+06	1.30e+03	5.3e+03	6.80e+06	1.22e+03	5.6e+03
138	PCB-182	3.21e+04	1.30e+03	2.5e+01	3.25e+04	1.22e+03	2.7e+01
139	PCB-183	2.70e+06	1.16e+04	2.3e+02	2.60e+06	3.45e+03	7.5e+02
140	PCB-185	5.53e+05	1.16e+04	4.8e+01	5.49e+05	3.45e+03	1.6e+02
141	PCB-174	4.36e+06	1.16e+04	3.7e+02	4.20e+06	3.45e+03	1.2e+03
142	PCB-177	2.66e+06	1.16e+04	2.3e+02	2.59e+06	3.45e+03	7.5e+02
143	PCB-181	*	1.16e+04	*	*	3.45e+03	*
144	PCB-171/173	1.26e+06	1.16e+04	1.1e+02	1.21e+06	3.45e+03	3.5e+02
145	PCB-172	6.99e+05	1.16e+04	6.0e+01	6.48e+05	3.45e+03	1.9e+02
146	PCB-192	*	1.16e+04	*	*	3.45e+03	*
147	PCB-180/193	1.18e+07	1.16e+04	1.0e+03	1.13e+07	3.45e+03	3.3e+03
148	PCB-191	2.85e+05	1.16e+04	2.5e+01	2.59e+05	3.45e+03	7.5e+01
149	PCB-170	3.59e+06	1.16e+04	3.1e+02	3.47e+06	3.45e+03	1.0e+03
150	PCB-190	1.05e+06	1.16e+04	9.0e+01	1.01e+06	3.45e+03	2.9e+02
151	PCB-189	1.46e+05	1.16e+04	1.3e+01	1.51e+05	3.45e+03	4.4e+01
152	PCB-202	4.36e+05	1.20e+03	3.6e+02	4.85e+05	1.22e+03	4.0e+02
153	PCB-201	3.27e+05	1.20e+03	2.7e+02	3.97e+05	1.22e+03	3.3e+02
154	PCB-204	*	1.20e+03	*	*	1.22e+03	*
155	PCB-197	1.07e+05	1.20e+03	8.9e+01	1.18e+05	1.22e+03	9.7e+01
156	PCB-200	3.03e+05	1.20e+03	2.5e+02	3.47e+05	1.22e+03	2.9e+02
157	PCB-198/199	1.90e+06	1.20e+03	1.6e+03	2.19e+06	1.22e+03	1.8e+03
158	PCB-196	9.82e+05	1.20e+03	8.2e+02	1.09e+06	1.22e+03	9.0e+02
159	PCB-203	1.25e+06	1.20e+03	1.0e+03	1.43e+06	1.22e+03	1.2e+03
160	PCB-195	7.19e+05	1.20e+03	6.0e+02	8.03e+05	1.22e+03	6.6e+02
161	PCB-194	1.86e+06	1.20e+03	1.6e+03	2.12e+06	1.22e+03	1.7e+03
162	PCB-205	1.22e+05	1.20e+03	1.0e+02	1.50e+05	1.22e+03	1.2e+02

Run #9

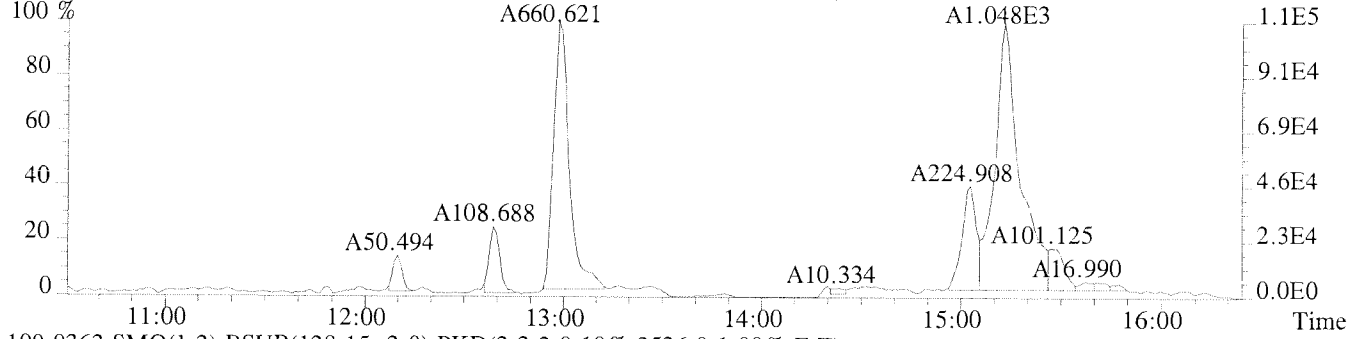
Filename U224761#1 Samp: 1

Acquired: 15-JAN-11 15:40:58

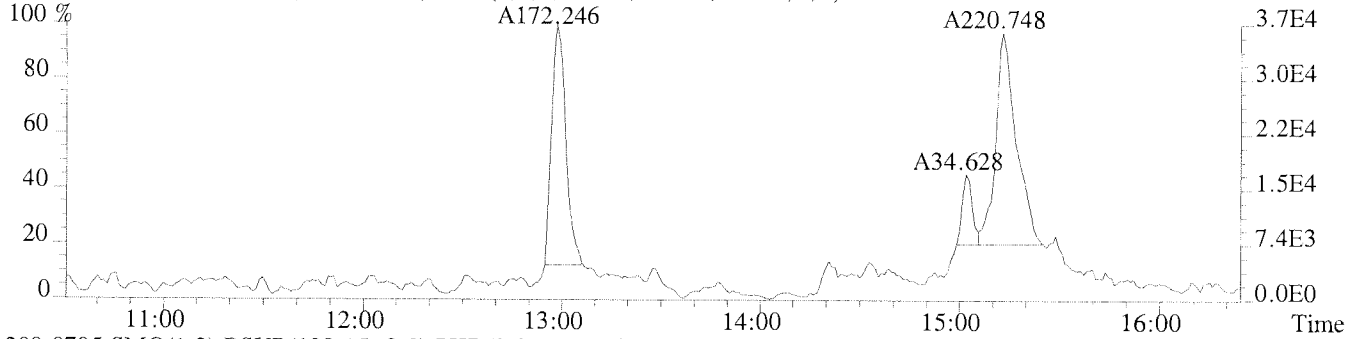
163	PCB-208	1.10e+05	1.02e+03	1.1e+02	1.38e+05	8.84e+02	1.6e+02
164	PCB-207	8.35e+04	1.02e+03	8.2e+01	1.15e+05	8.84e+02	1.3e+02
165	PCB-206	3.05e+05	9.56e+02	3.2e+02	4.09e+05	9.92e+02	4.1e+02
166	PCB-209	4.22e+05	9.32e+02	4.5e+02	3.67e+05	7.12e+02	5.2e+02
167	PCB-1L	3.95e+06	1.96e+03	2.0e+03	1.30e+06	3.81e+04	3.4e+01
168	PCB-3L	2.47e+06	1.96e+03	1.3e+03	7.84e+05	3.81e+04	2.1e+01
169	PCB-4L	1.09e+06	5.46e+03	2.0e+02	7.30e+05	2.90e+03	2.5e+02
170	PCB-15L	3.35e+06	1.03e+04	3.2e+02	2.10e+06	4.40e+03	4.8e+02
171	PCB-19L	1.76e+06	1.05e+05	1.7e+01	1.71e+06	1.37e+05	1.2e+01
172	PCB-37L	2.42e+06	2.39e+04	1.0e+02	2.24e+06	3.30e+04	6.8e+01
173	PCB-54L	2.76e+06	1.08e+04	2.6e+02	3.59e+06	1.39e+04	2.6e+02
174	PCB-81L	1.85e+06	4.69e+03	4.0e+02	2.30e+06	2.90e+03	7.9e+02
175	PCB-77L	2.02e+06	4.69e+03	4.3e+02	2.49e+06	2.90e+03	8.6e+02
176	PCB-104L	3.76e+06	1.40e+03	2.7e+03	2.42e+06	1.43e+03	1.7e+03
177	PCB-123L	2.90e+06	2.55e+03	1.1e+03	1.80e+06	1.95e+03	9.3e+02
178	PCB-118L	2.93e+06	2.55e+03	1.1e+03	1.80e+06	1.95e+03	9.3e+02
179	PCB-114L	2.88e+06	2.55e+03	1.1e+03	1.77e+06	1.95e+03	9.1e+02
180	PCB-105L	2.86e+06	2.55e+03	1.1e+03	1.79e+06	1.95e+03	9.2e+02
181	PCB-126L	2.66e+06	2.55e+03	1.0e+03	1.66e+06	1.95e+03	8.5e+02
182	PCB-155L	3.74e+06	1.69e+03	2.2e+03	3.04e+06	1.98e+03	1.5e+03
183	PCB-167L	2.43e+06	1.11e+03	2.2e+03	1.92e+06	1.57e+03	1.2e+03
184	PCB-156/157L	3.35e+06	1.11e+03	3.0e+03	2.52e+06	1.57e+03	1.6e+03
185	PCB-169L	1.73e+06	1.11e+03	1.6e+03	1.38e+06	1.57e+03	8.8e+02
186	PCB-188L	2.99e+06	1.58e+03	1.9e+03	2.87e+06	1.27e+03	2.3e+03
187	PCB-189L	1.64e+06	1.56e+03	1.1e+03	1.54e+06	1.09e+03	1.4e+03
188	PCB-202L	2.35e+06	1.15e+03	2.0e+03	2.66e+06	9.20e+02	2.9e+03
189	PCB-205L	1.69e+06	1.15e+03	1.5e+03	1.91e+06	9.20e+02	2.1e+03
190	PCB-208L	1.79e+06	1.08e+03	1.7e+03	2.32e+06	1.11e+03	2.1e+03
191	PCB-206L	8.51e+05	1.04e+03	8.2e+02	1.09e+06	6.80e+02	1.6e+03
192	PCB-209L	1.33e+06	7.80e+02	1.7e+03	1.12e+06	8.08e+02	1.4e+03
193	PCB-28L	3.24e+06	2.39e+04	1.4e+02	3.01e+06	3.30e+04	9.1e+01
194	PCB-111L	2.93e+06	9.12e+02	3.2e+03	1.85e+06	1.38e+03	1.3e+03
195	PCB-178L	2.11e+06	1.58e+03	1.3e+03	2.06e+06	1.27e+03	1.6e+03
196	PCB-9L	6.88e+06	1.03e+04	6.7e+02	4.27e+06	4.40e+03	9.7e+02
197	PCB-52L	2.49e+06	3.43e+03	7.3e+02	3.15e+06	3.76e+03	8.4e+02
198	PCB-101L	3.31e+06	9.12e+02	3.6e+03	2.10e+06	1.38e+03	1.5e+03
199	PCB-138L	3.86e+06	1.19e+03	3.2e+03	3.07e+06	1.42e+03	2.2e+03
200	PCB-194L	1.75e+06	1.15e+03	1.5e+03	1.95e+06	9.20e+02	2.1e+03

File:U224761 #1-379 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071

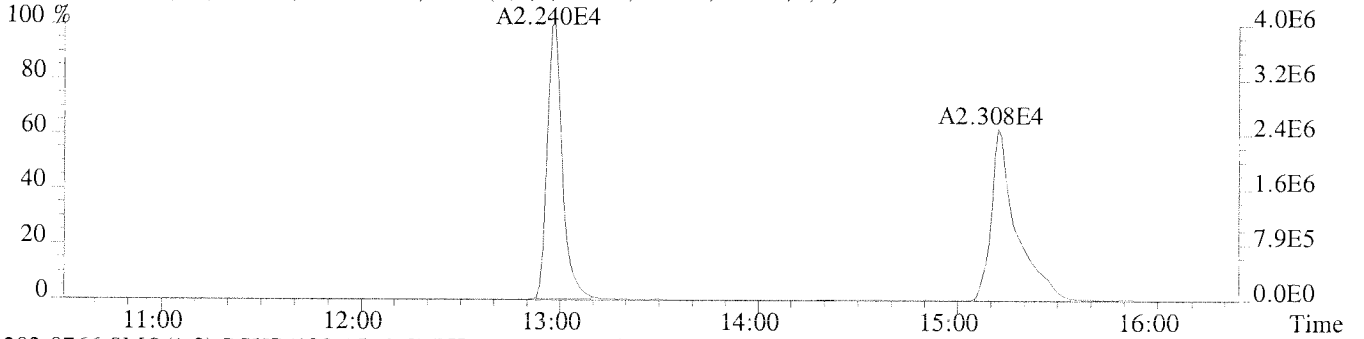
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2252.0,1.00%,F,T)



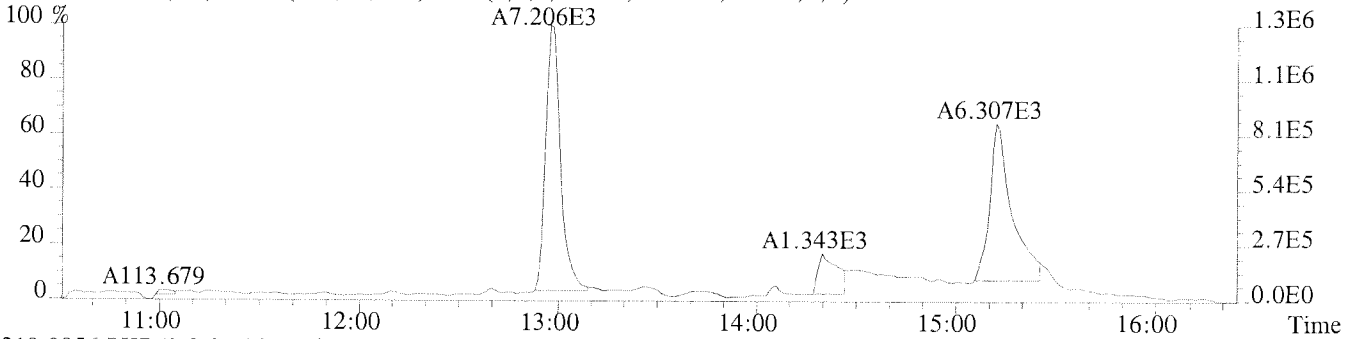
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2536.0,1.00%,F,T)



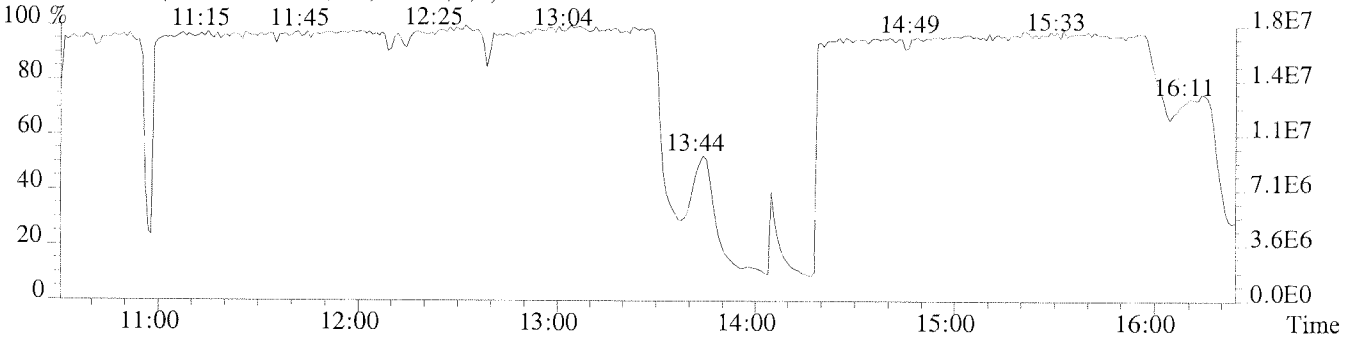
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1956.0,1.00%,F,T)

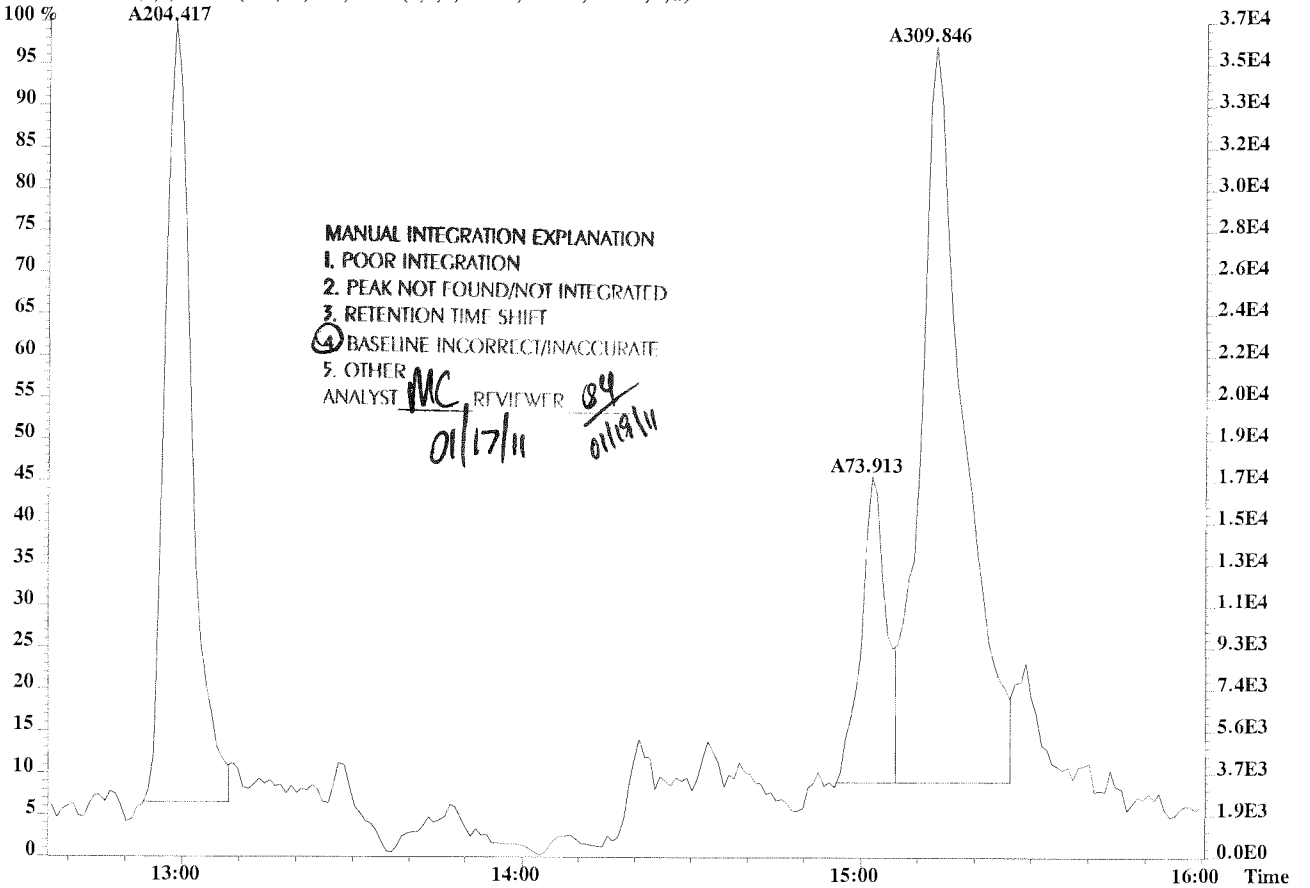
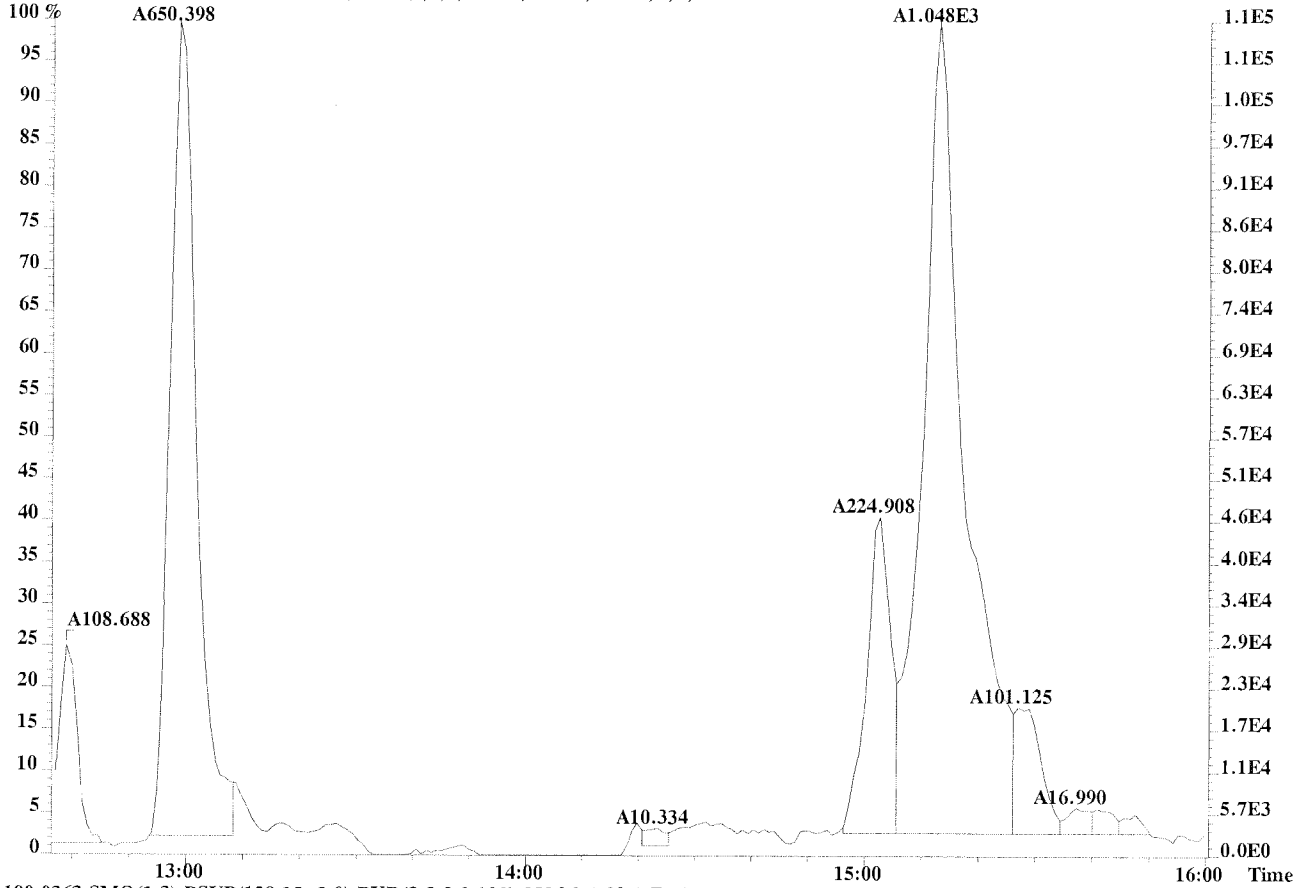


202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,38052.0,1.00%,F,T)

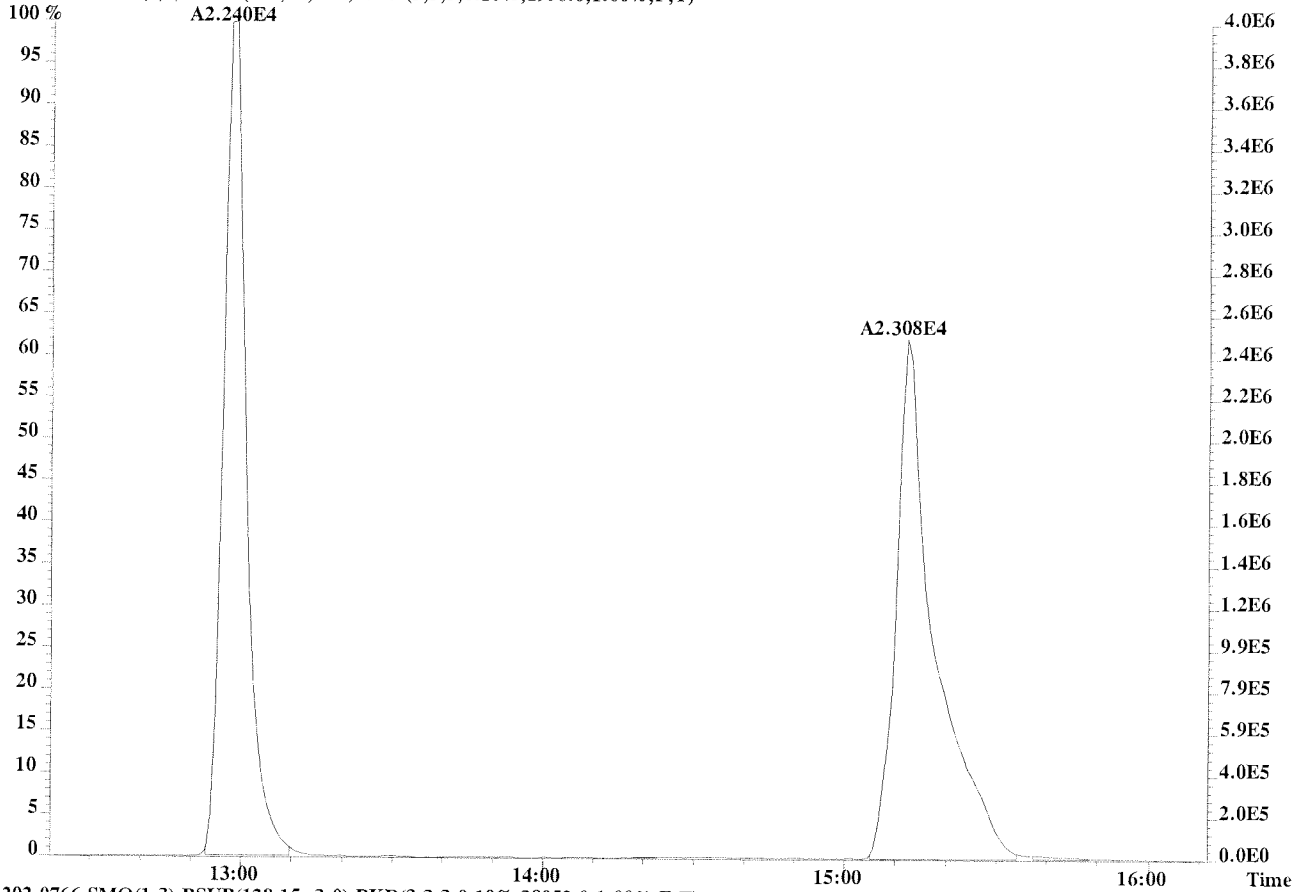


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

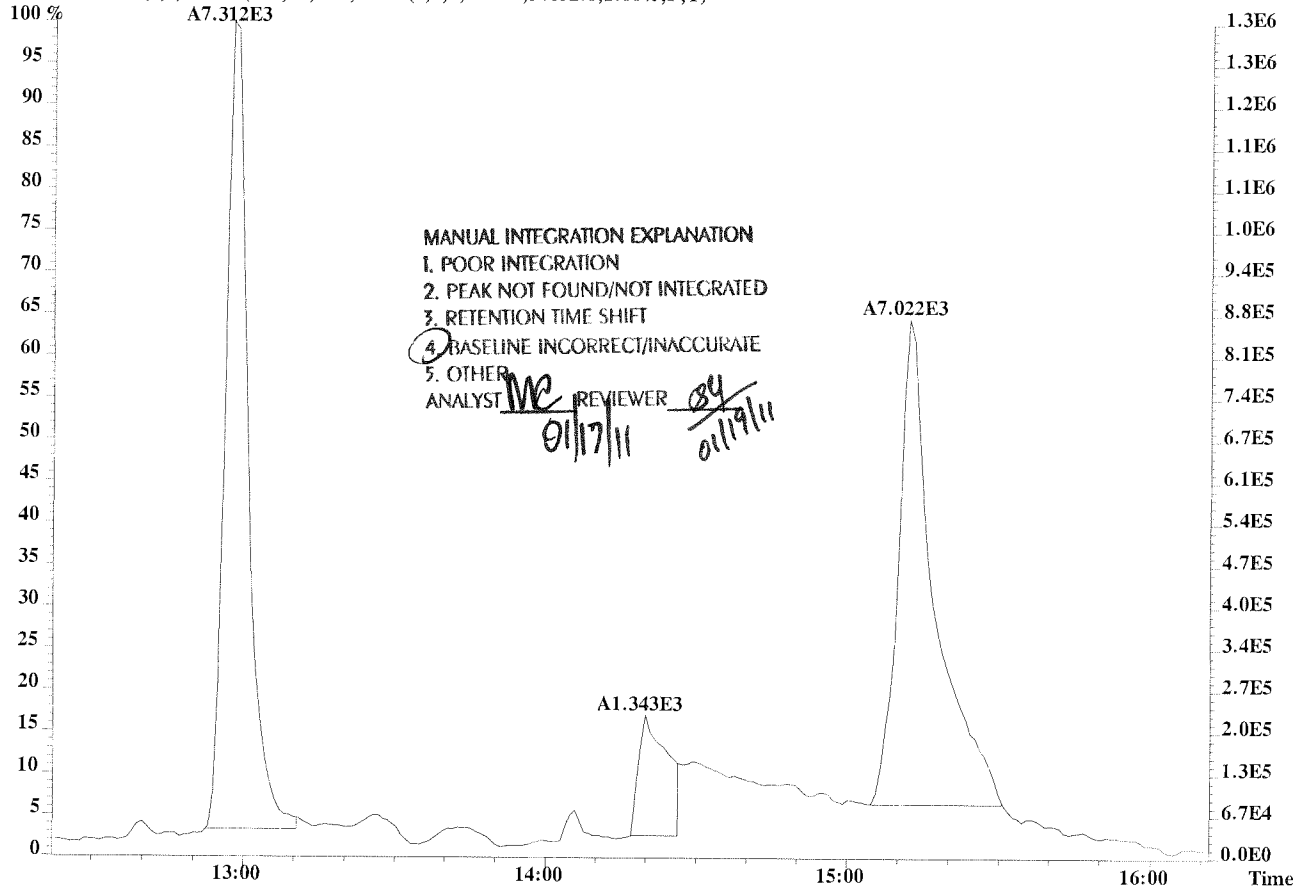




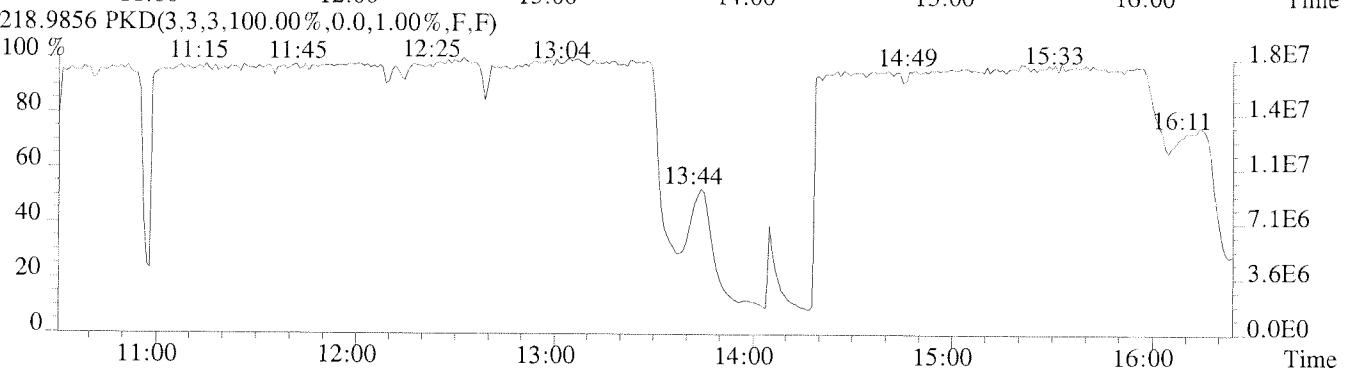
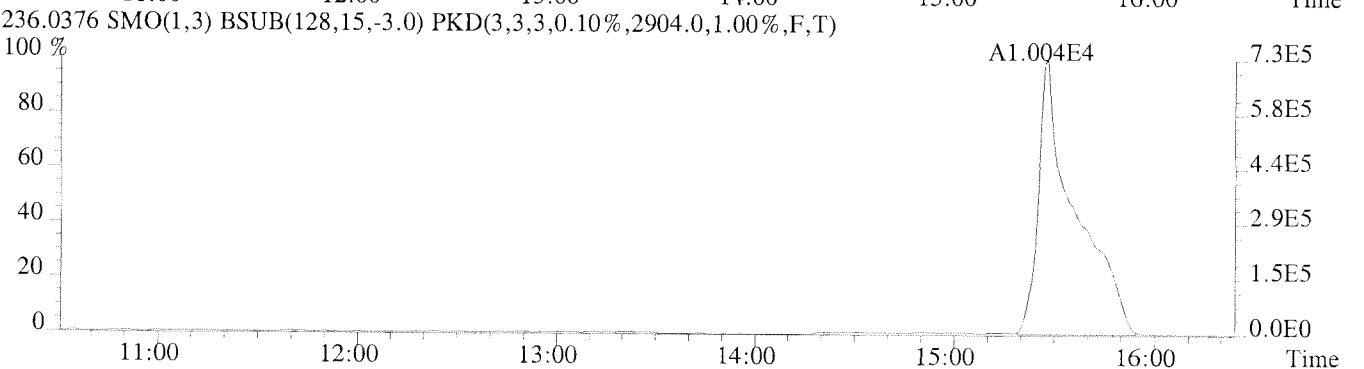
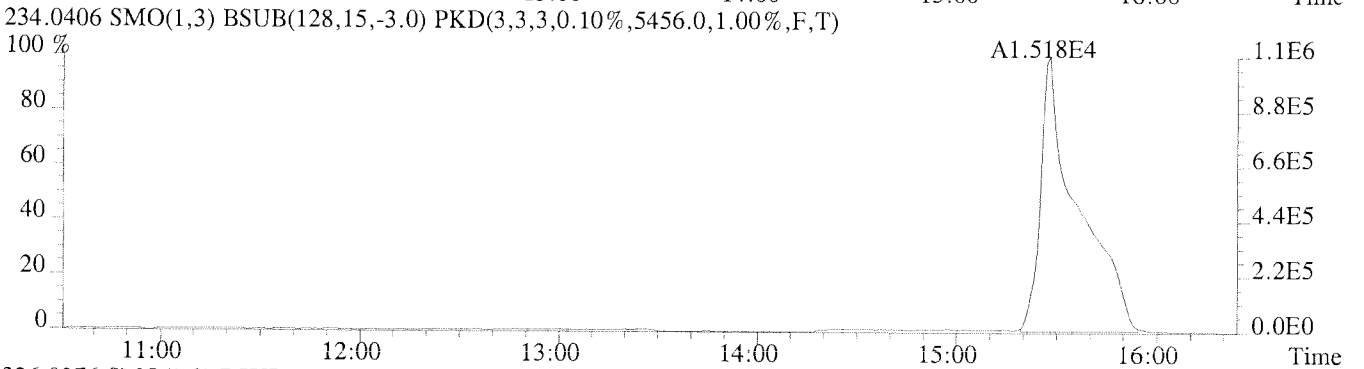
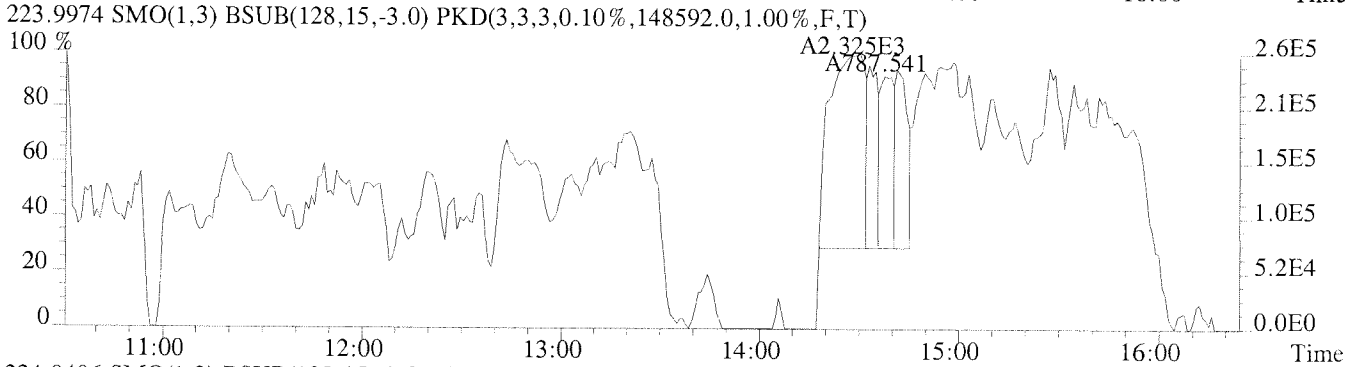
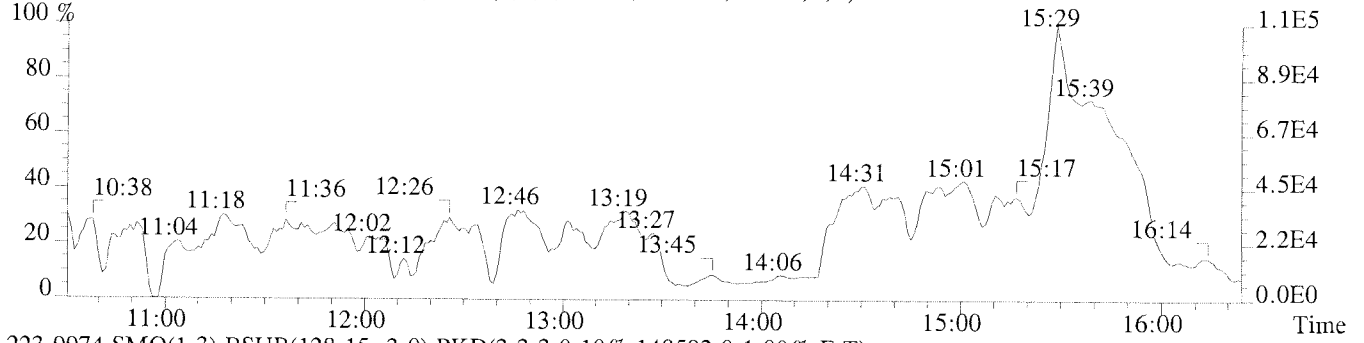
File:U224761 #1-379 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-009 USENE/W071
 200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1956.0,1.00%,F,T)



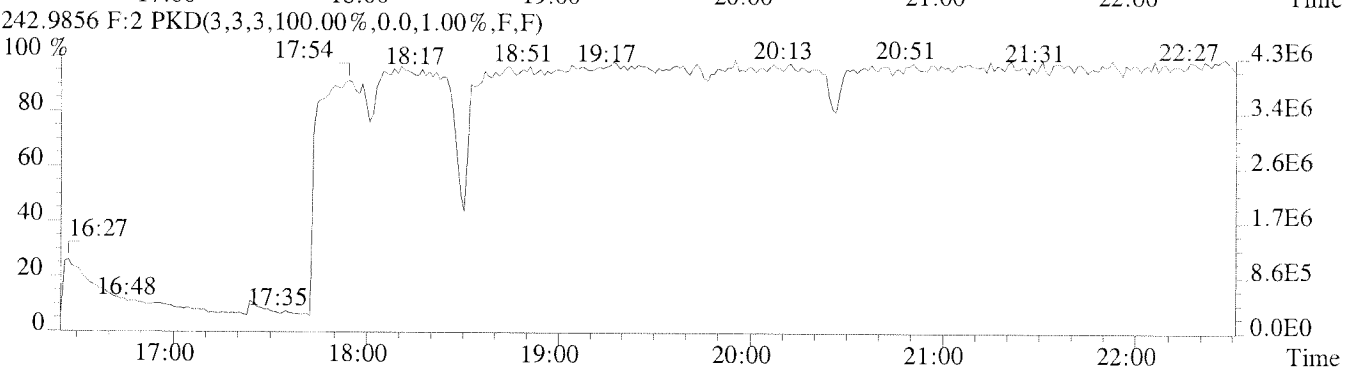
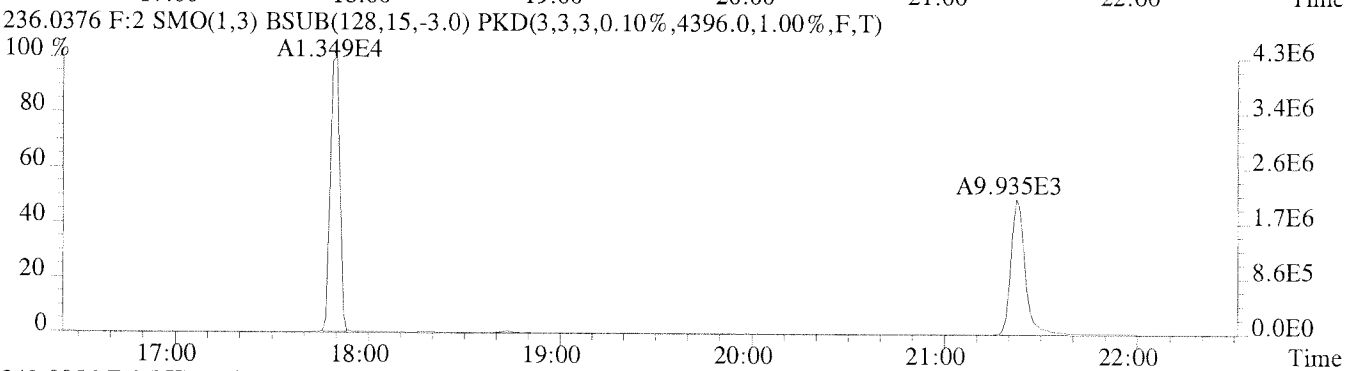
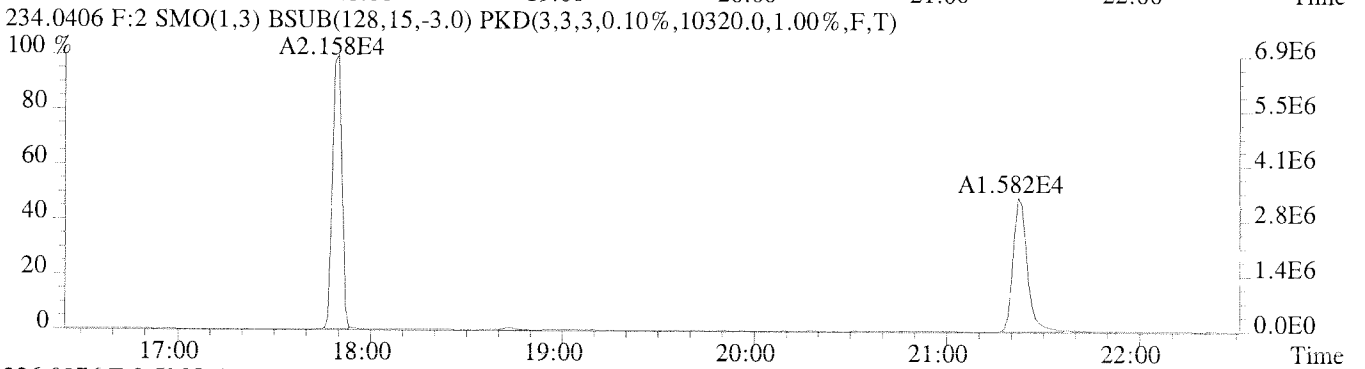
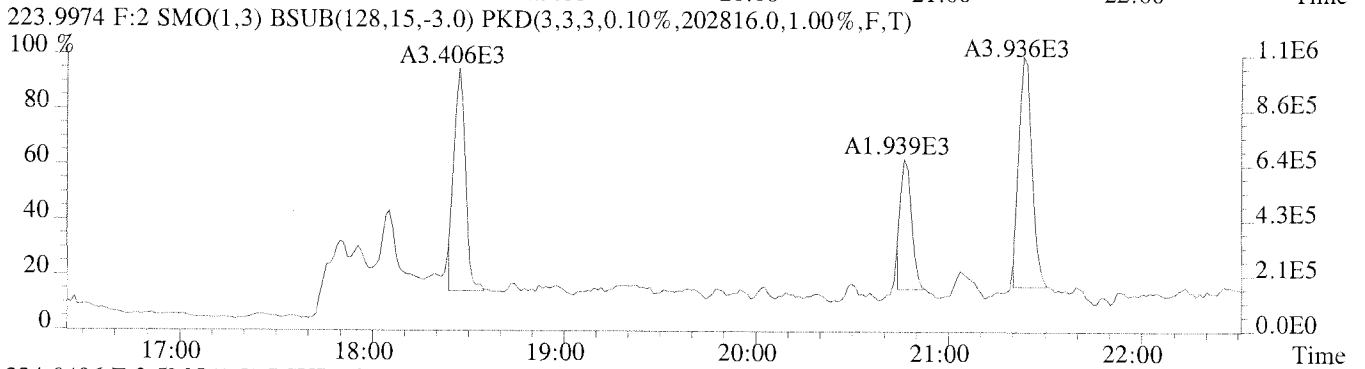
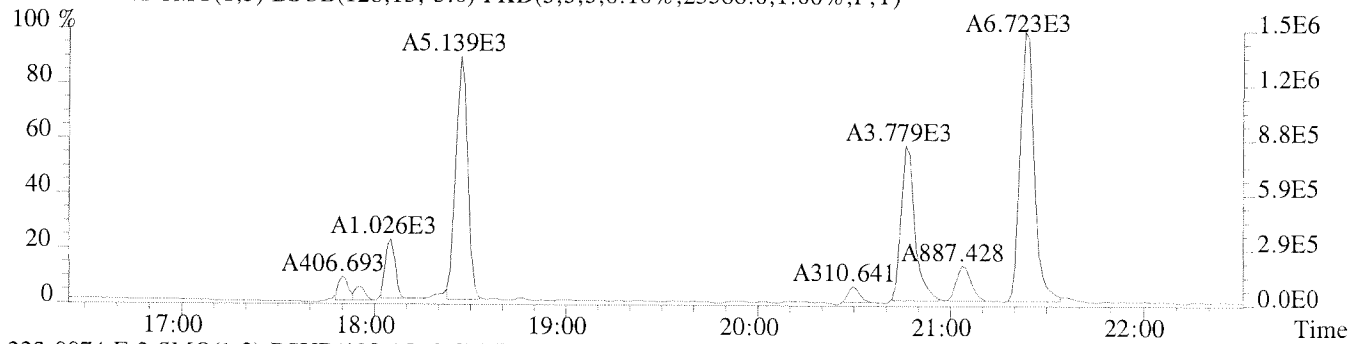
202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,38052.0,1.00%,F,T)



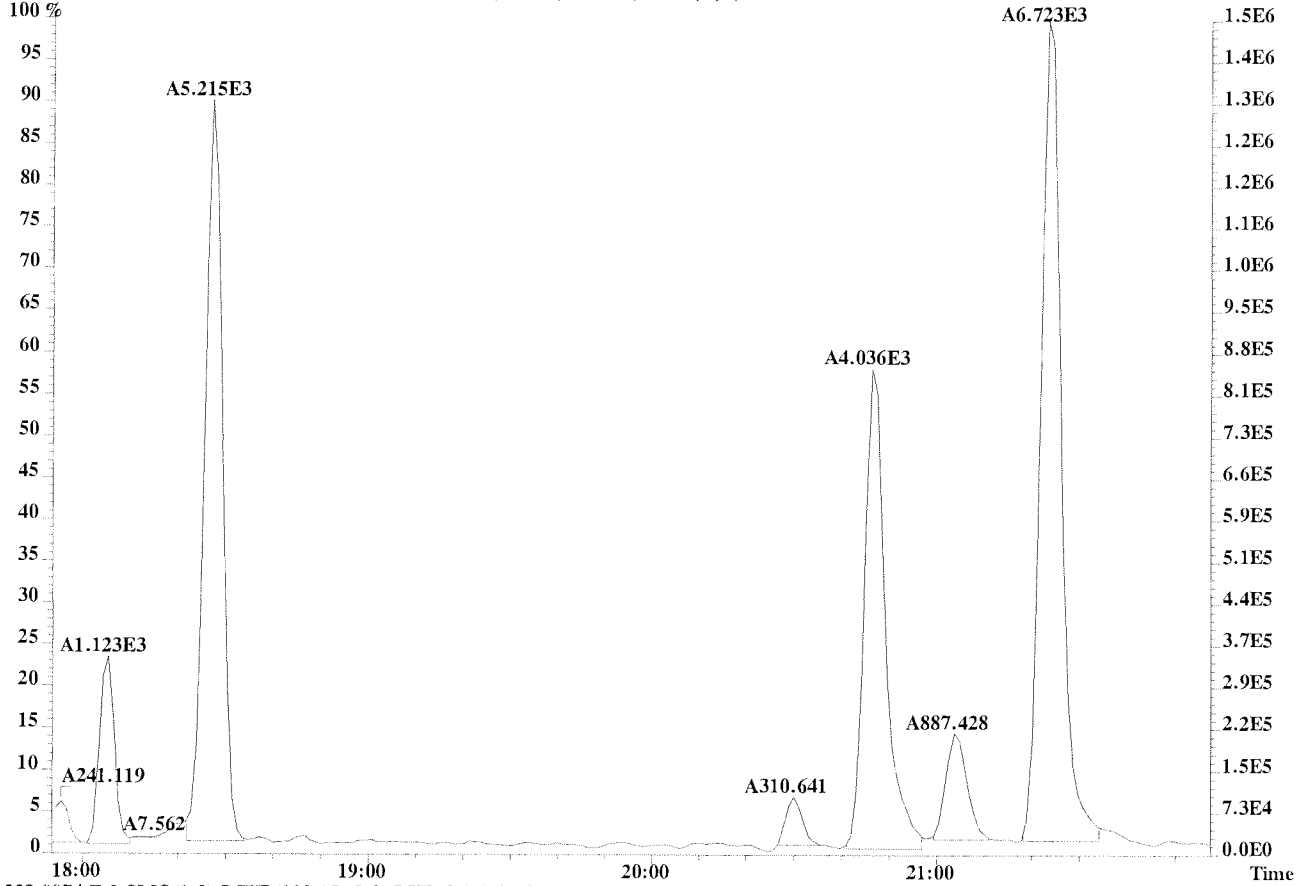
File:U224761 #1-379 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,30548.0,1.00%,F,T)



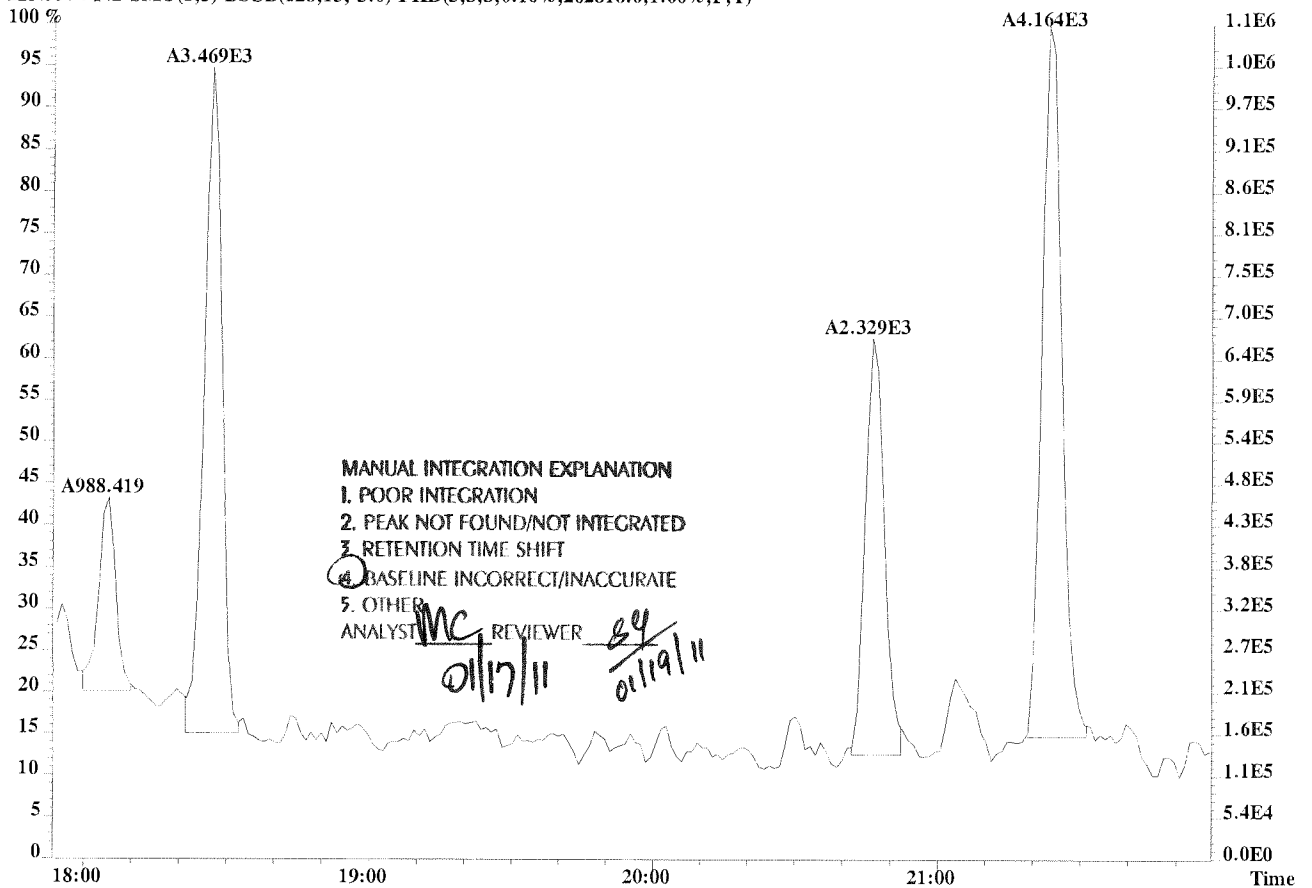
File:U224761 #1-337 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,25388.0,1.00%,F,T)

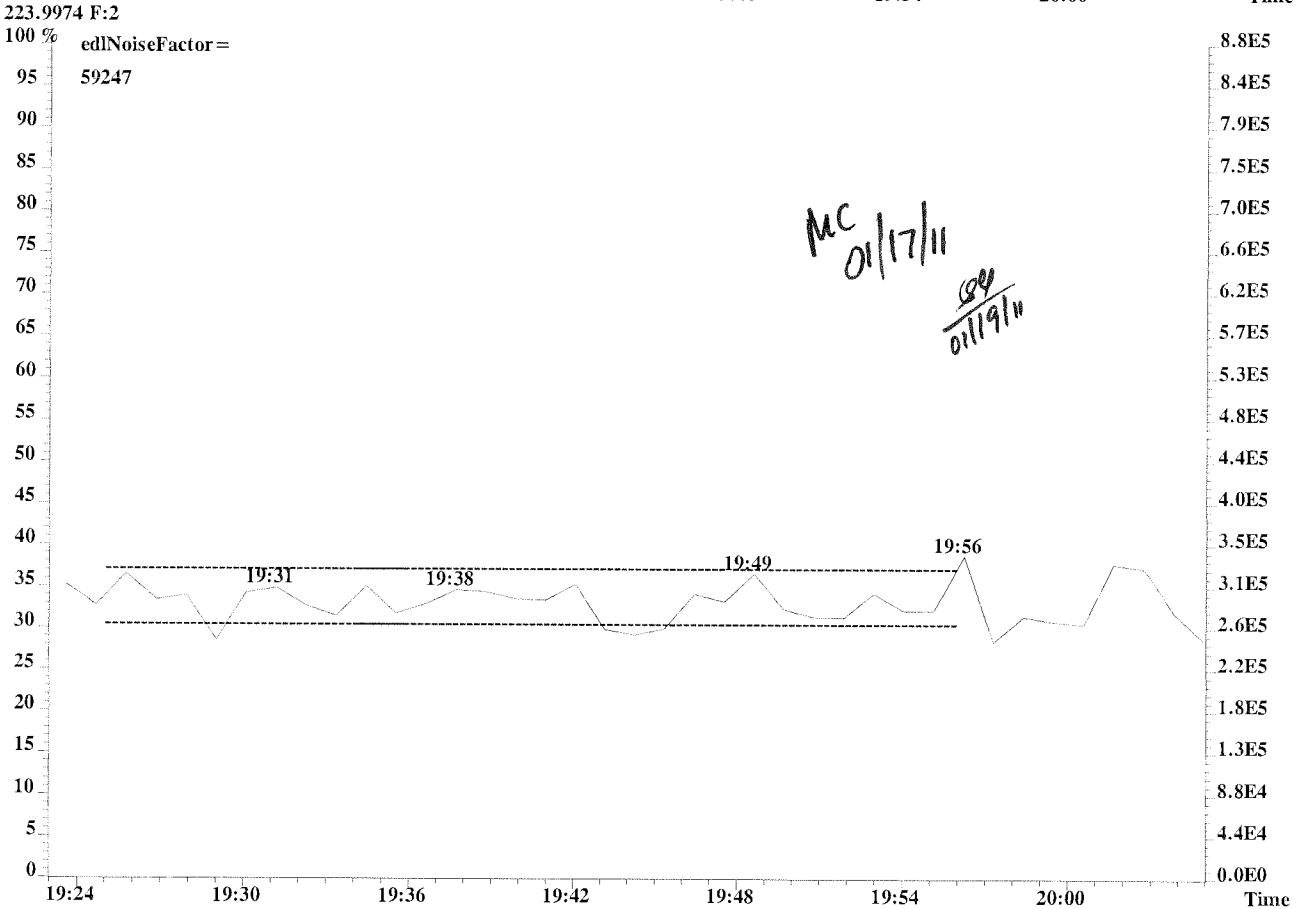
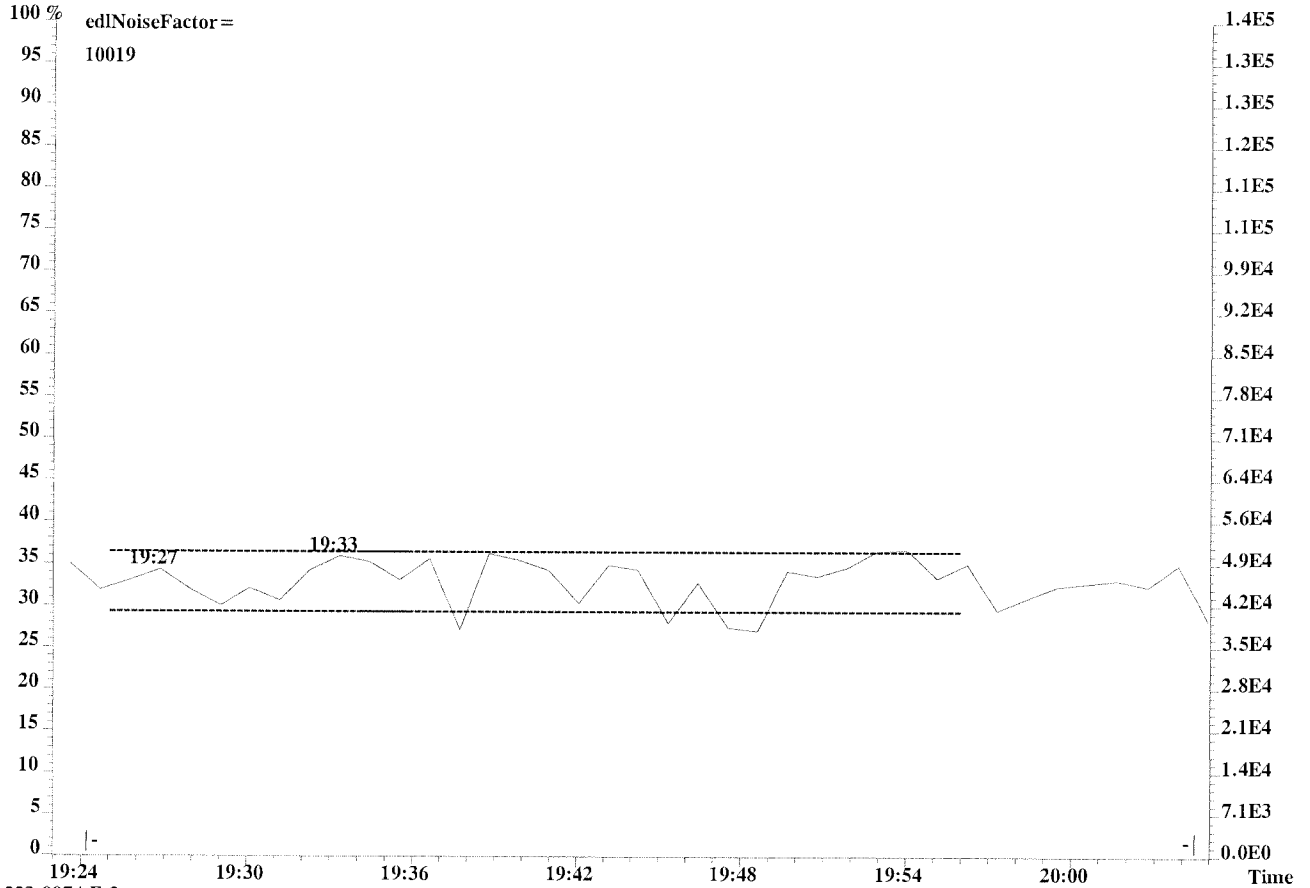


File:U224761 #1-337 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-009 USENE/W071
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,25388.0,1.00%,F,T)

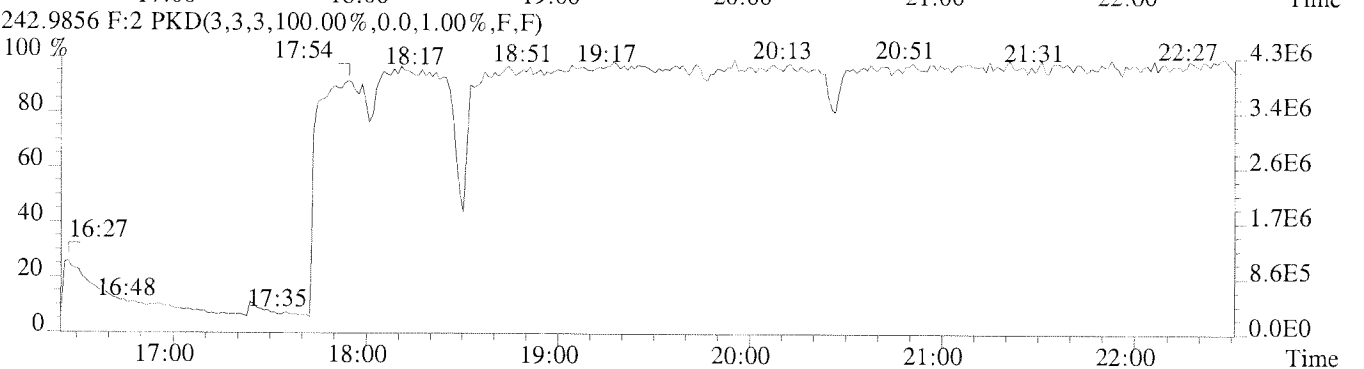
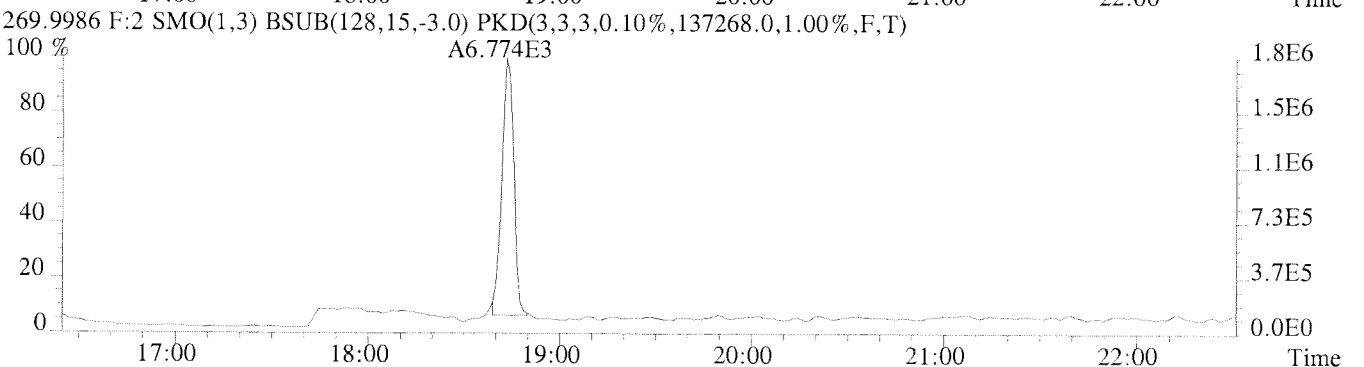
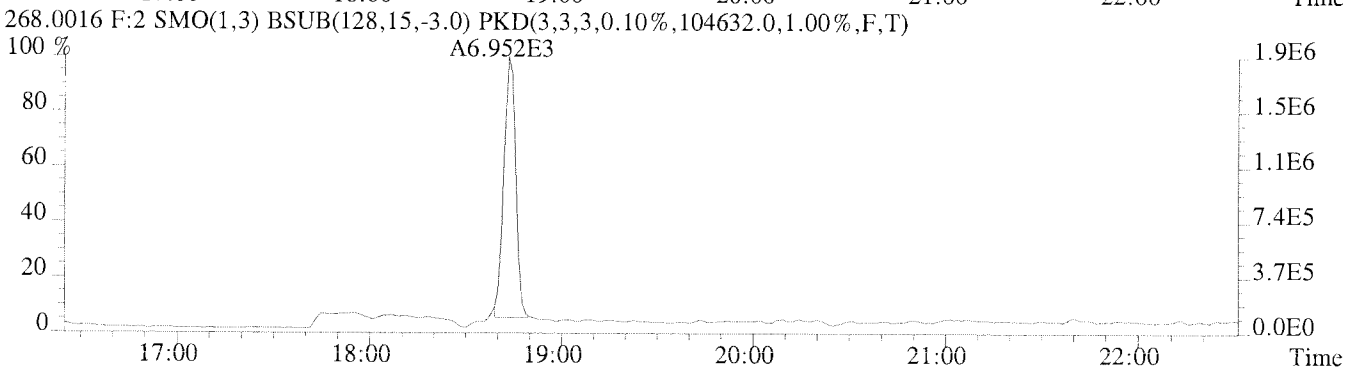
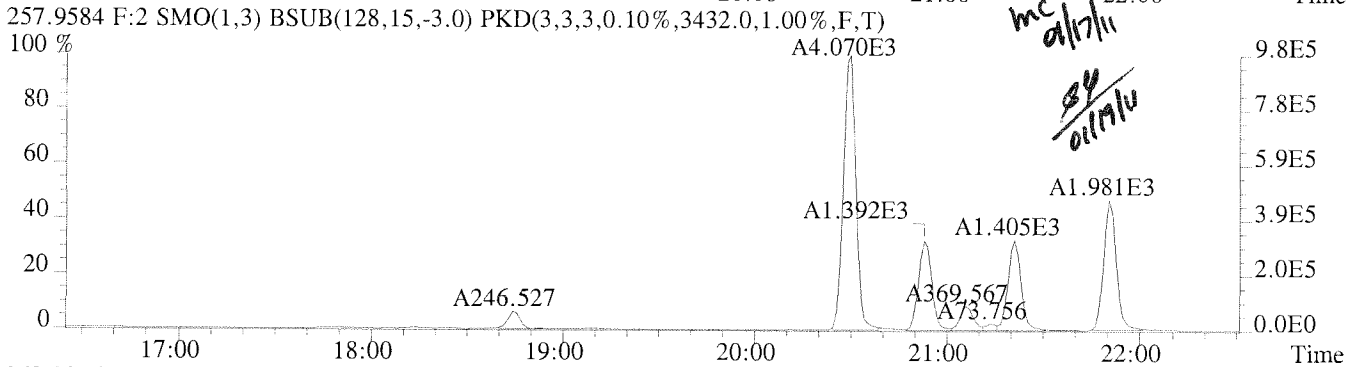
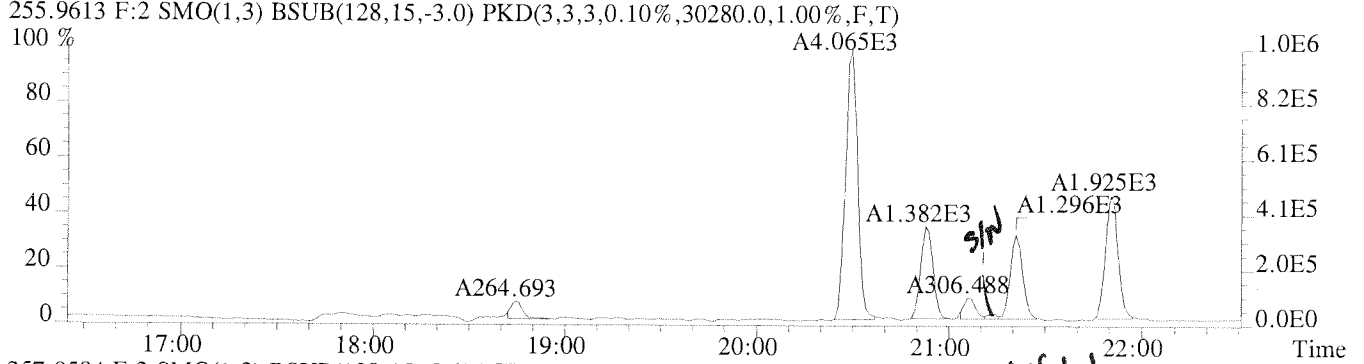


223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,202816.0,1.00%,F,T)

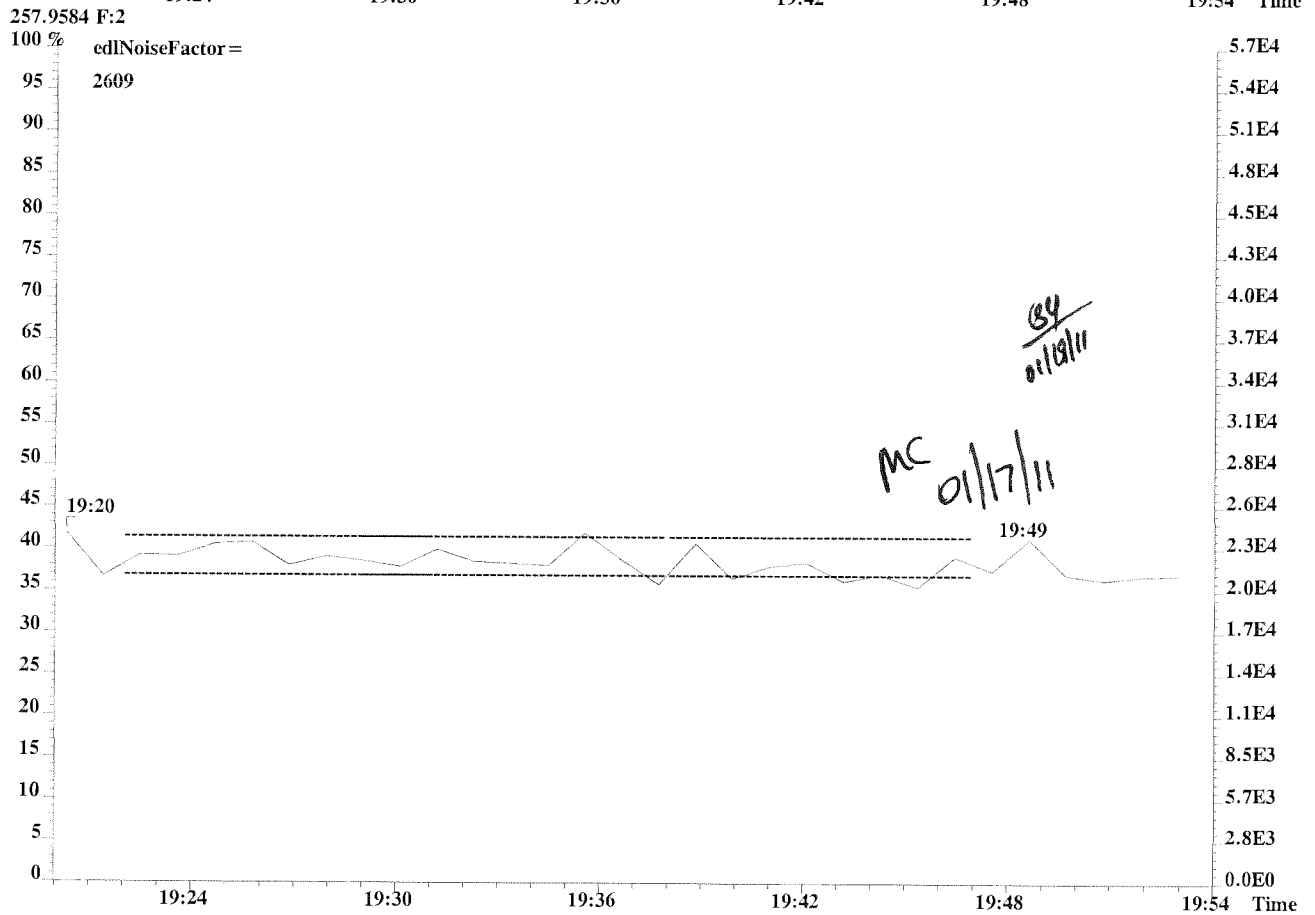
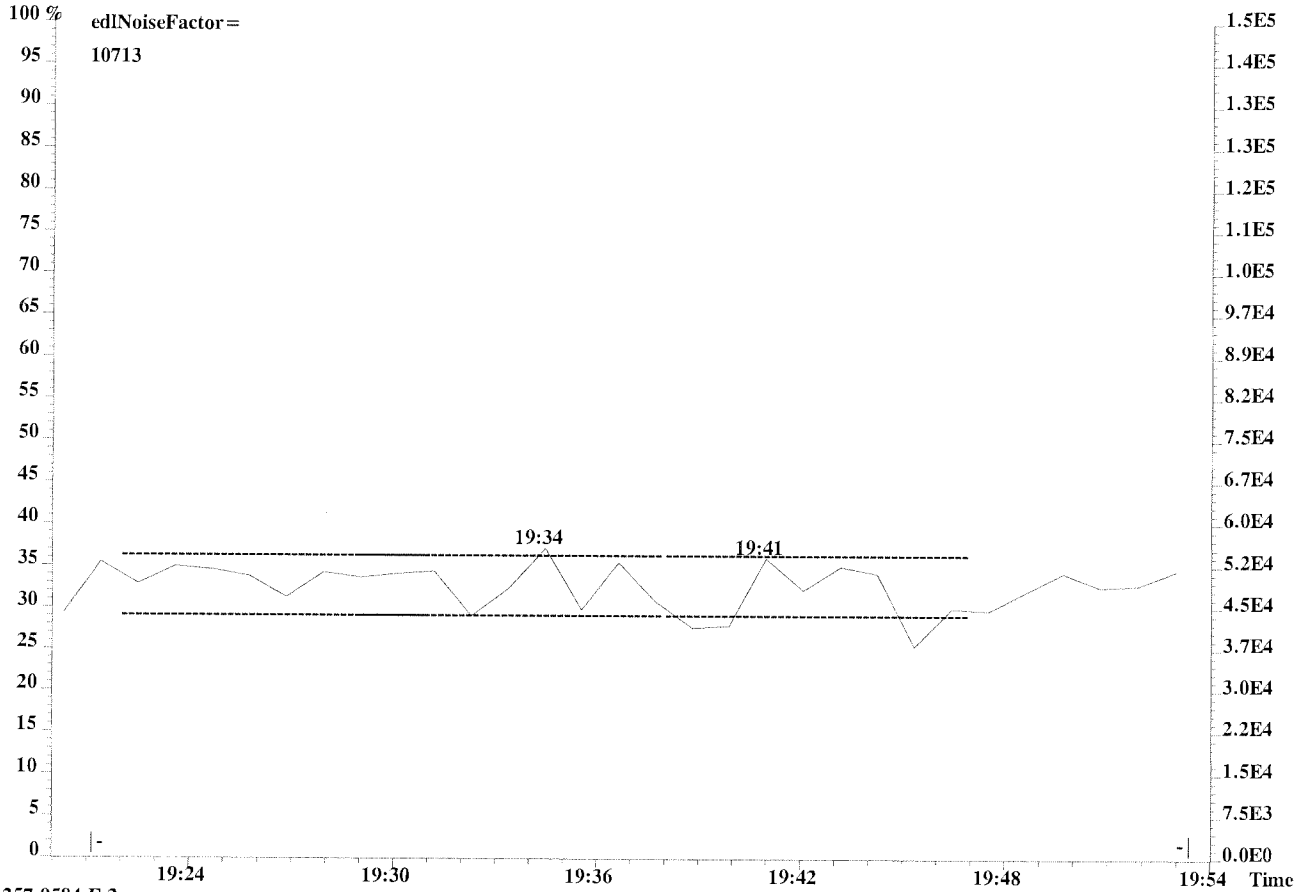




File:U224761 #1-337 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071

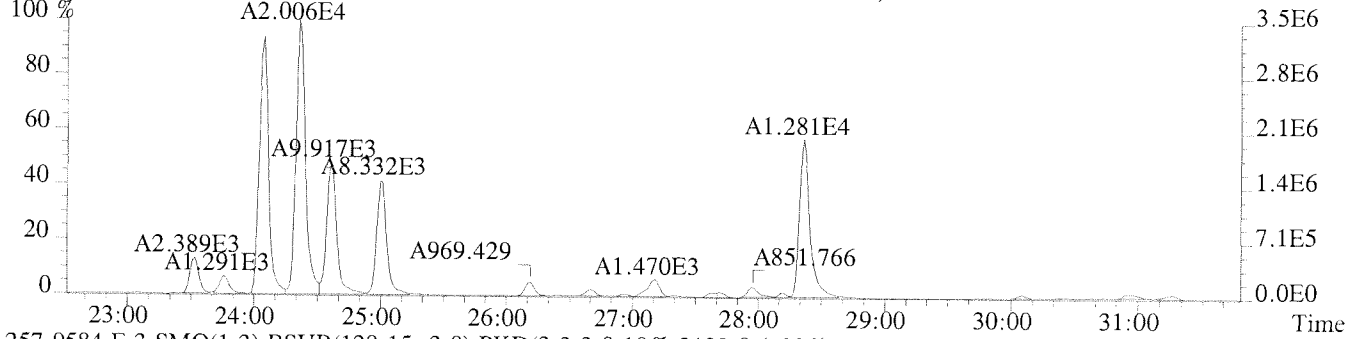


File:U224761 #1-337 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-009 USENE/W071
255.9613 F:2

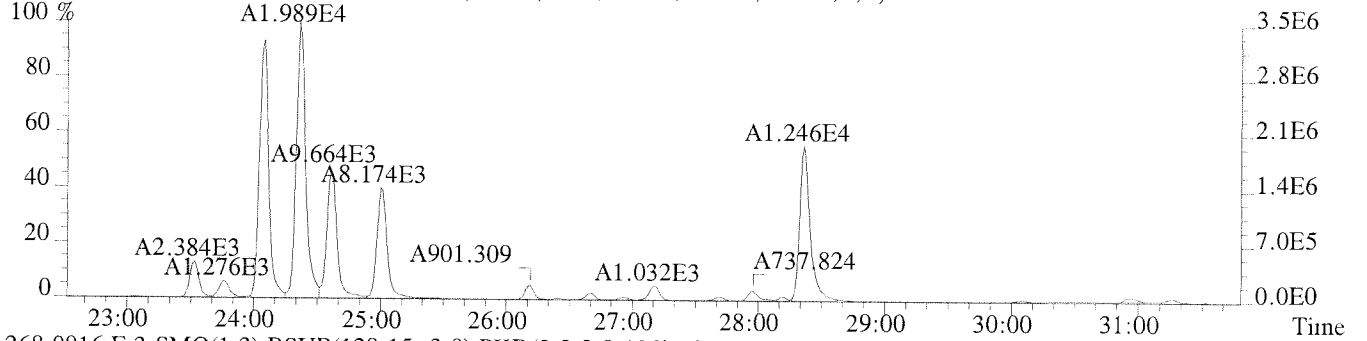


File:U224761 #1-594 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071

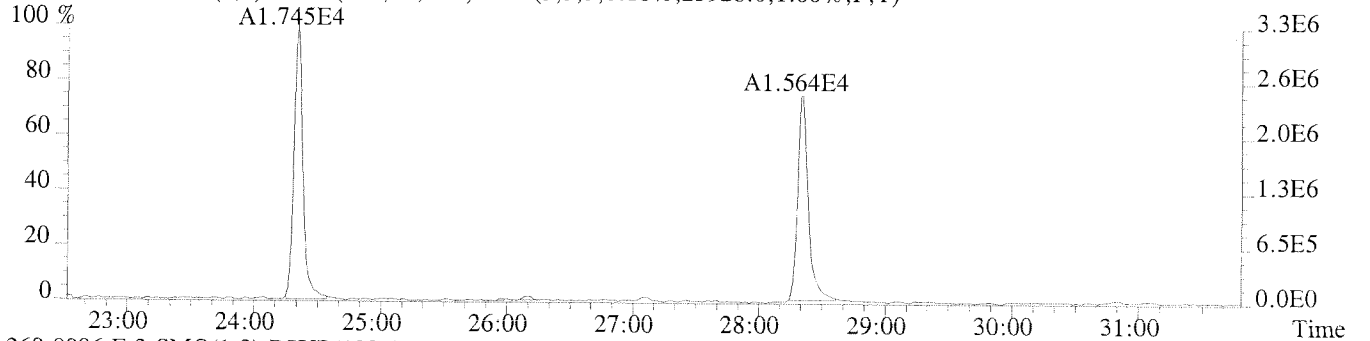
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9460.0,1.00%,F,T)



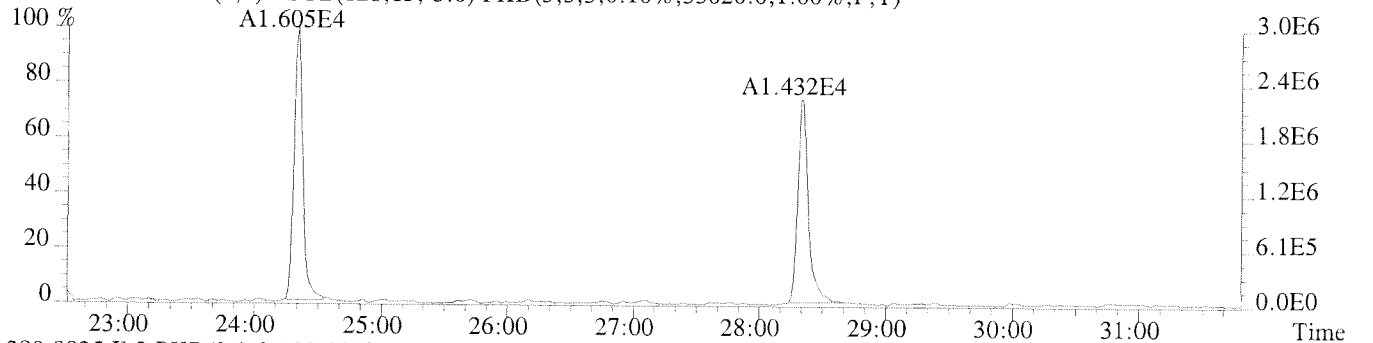
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2132.0,1.00%,F,T)



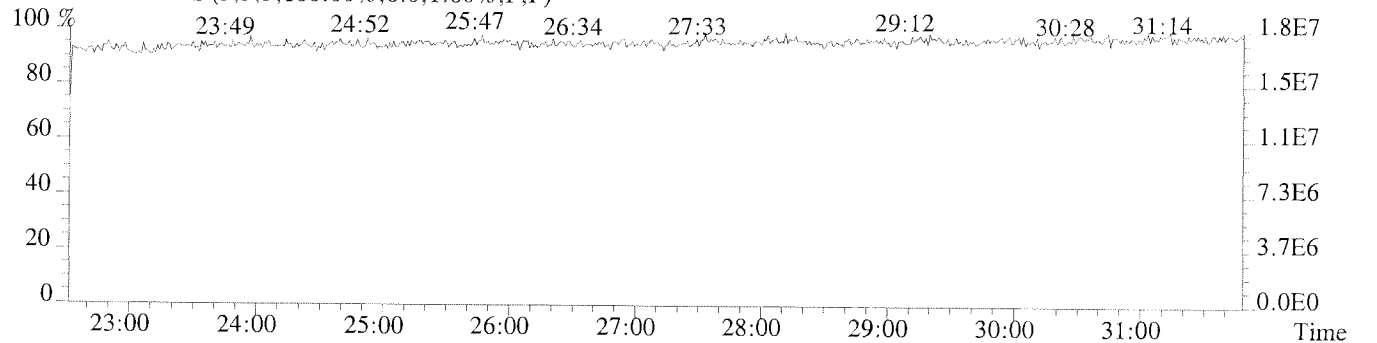
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,23928.0,1.00%,F,T)



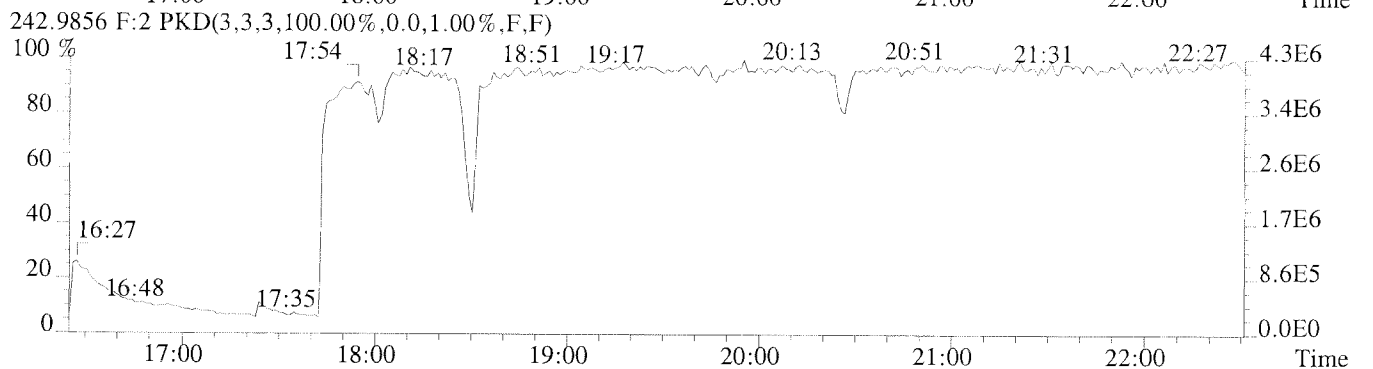
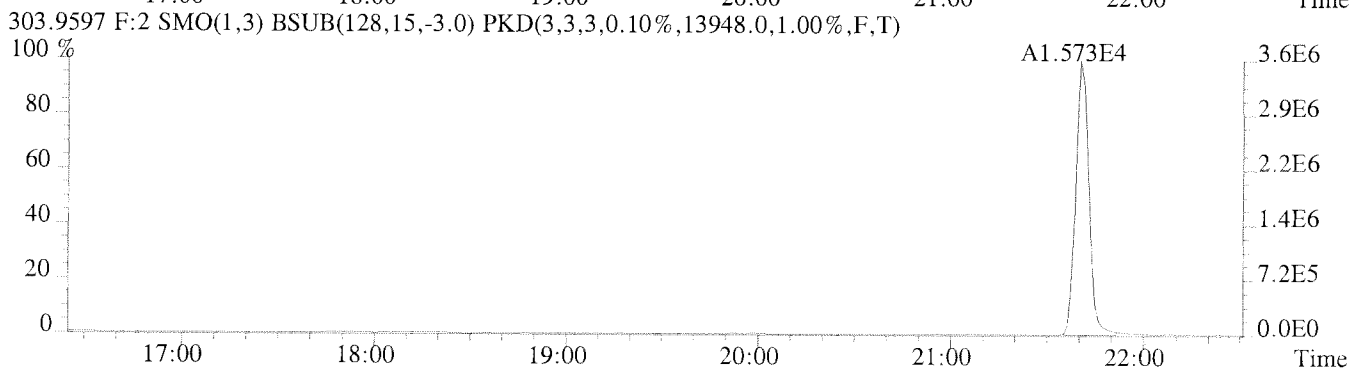
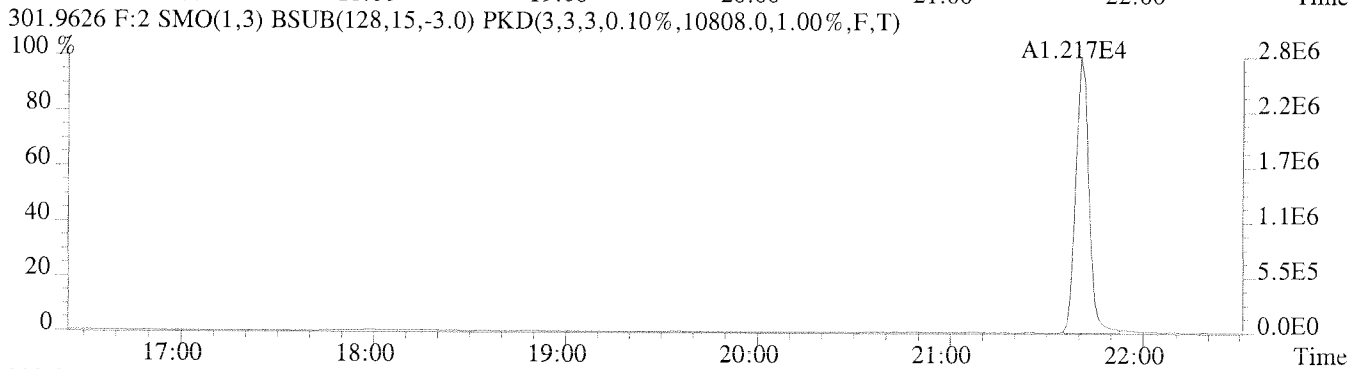
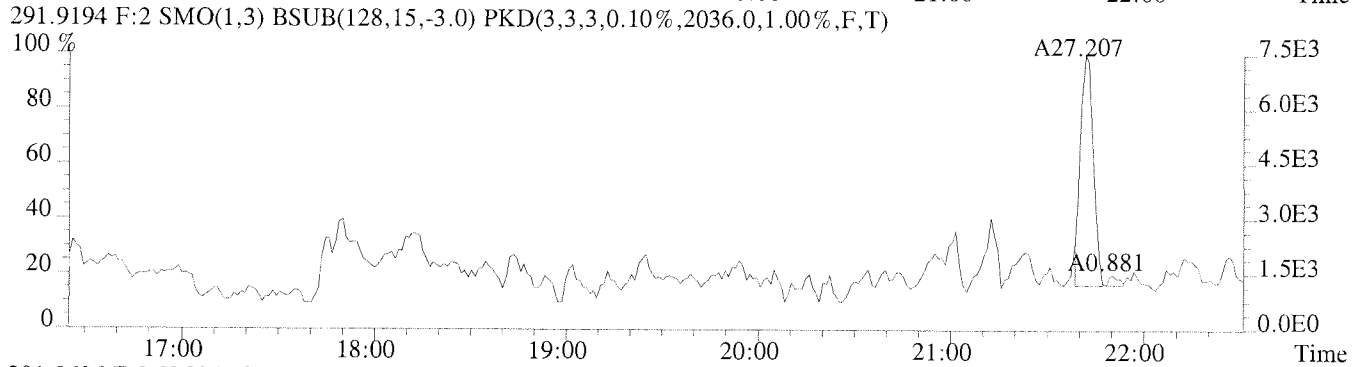
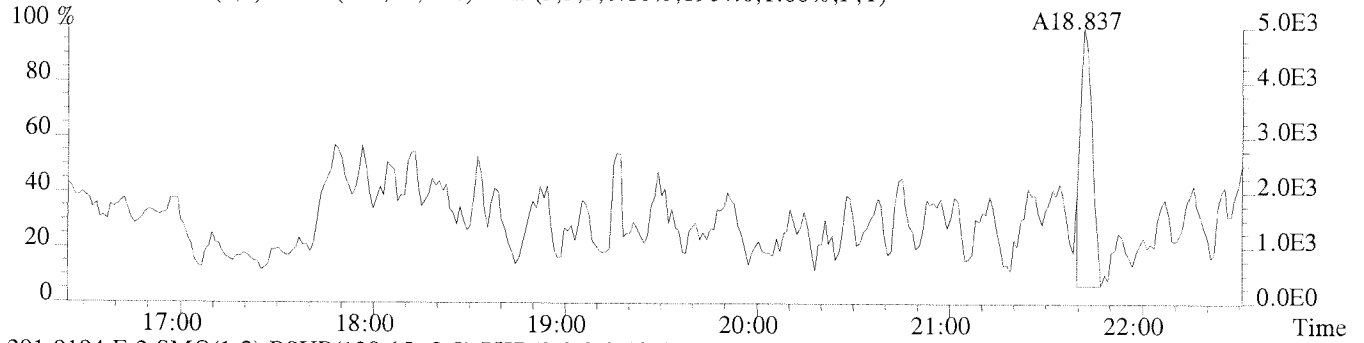
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,33020.0,1.00%,F,T)



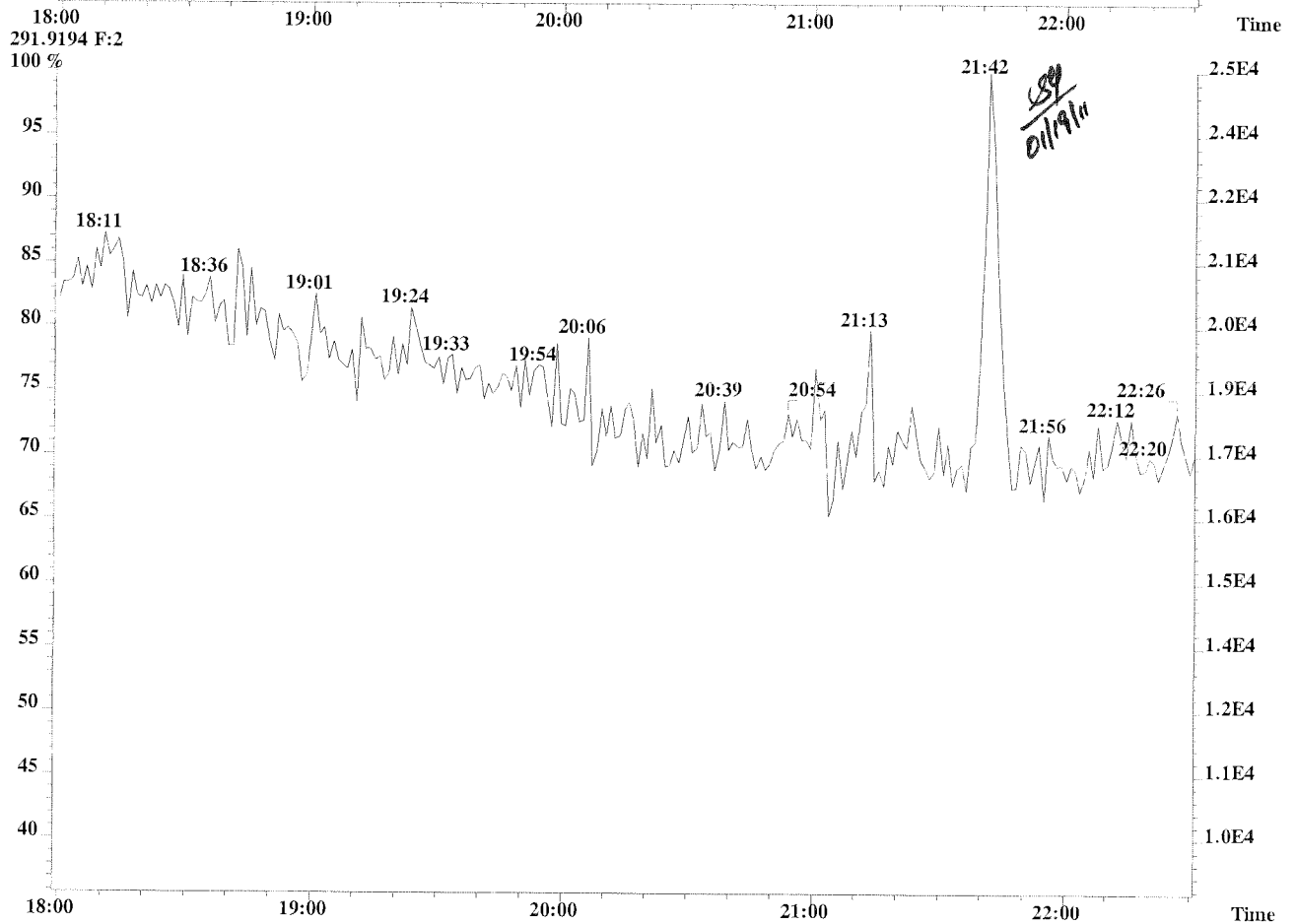
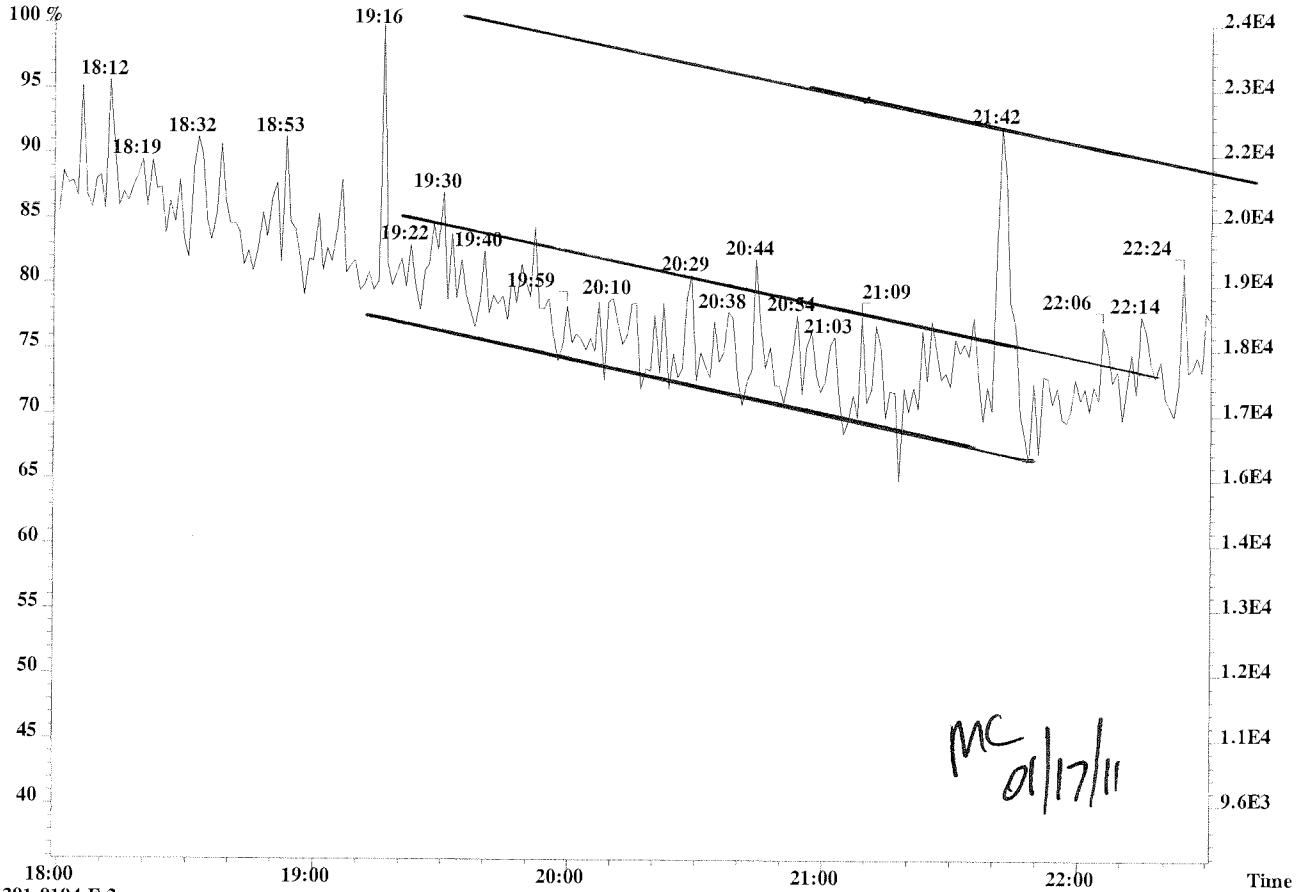
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U224761 #1-337 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1904.0,1.00%,F,T)

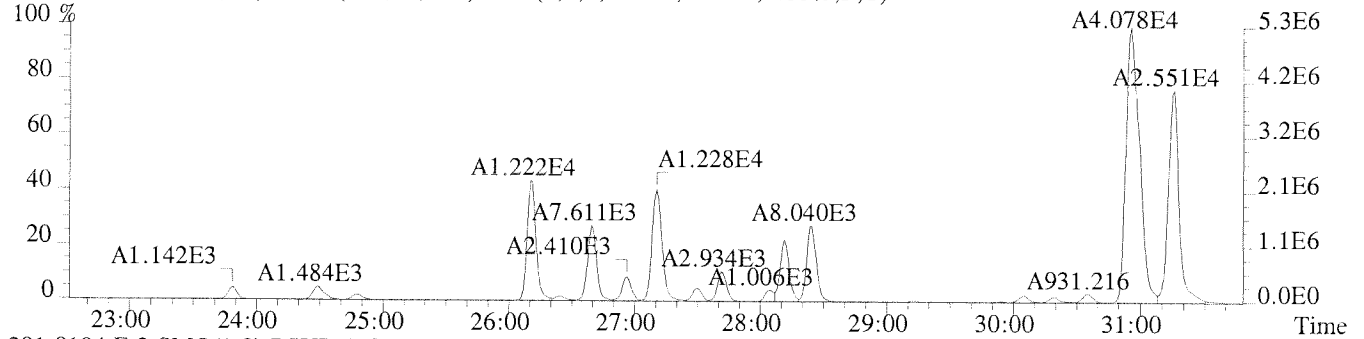


File:U224761 #1-337 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-009 USENE/W071
 289.9224 F:2

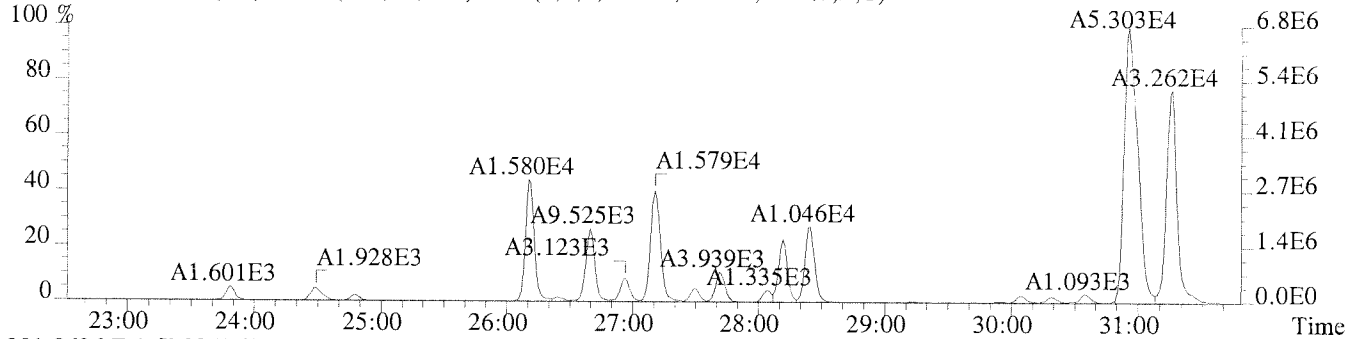


File:U224761 #1-594 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071

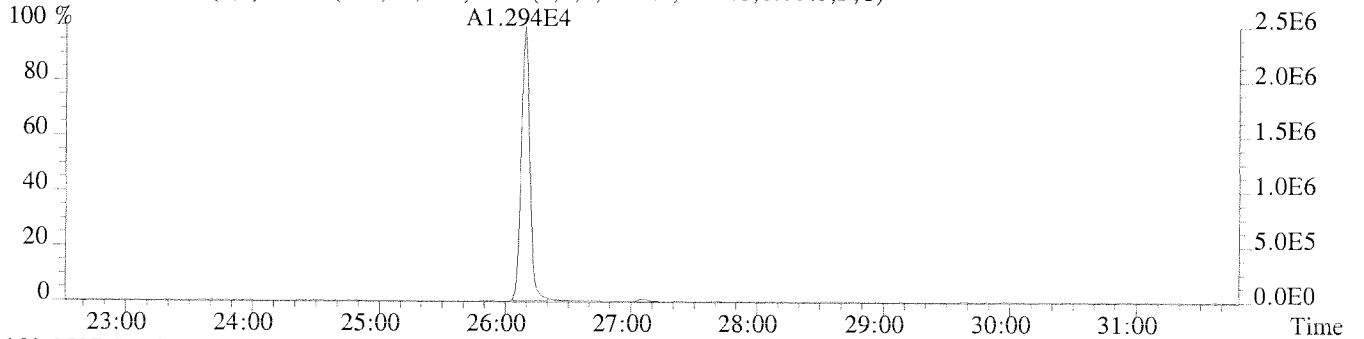
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1456.0,1.00%,F,T)



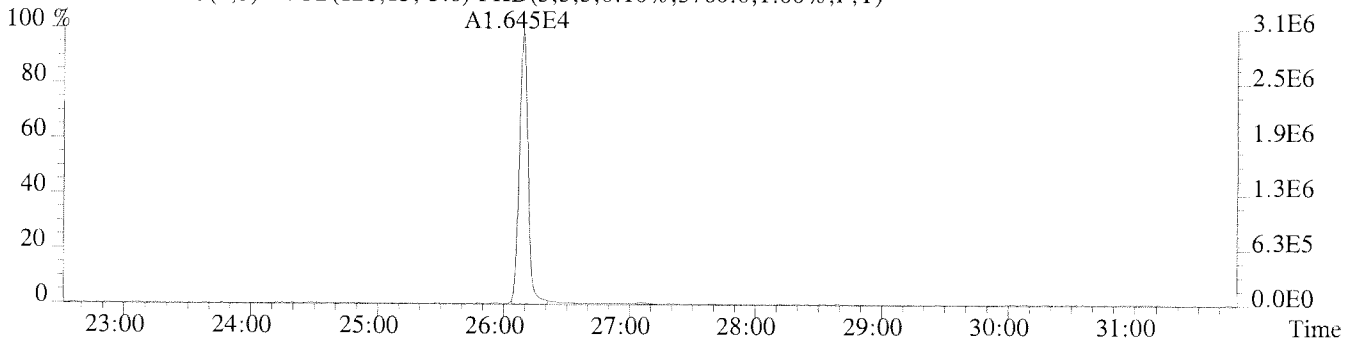
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1028.0,1.00%,F,T)



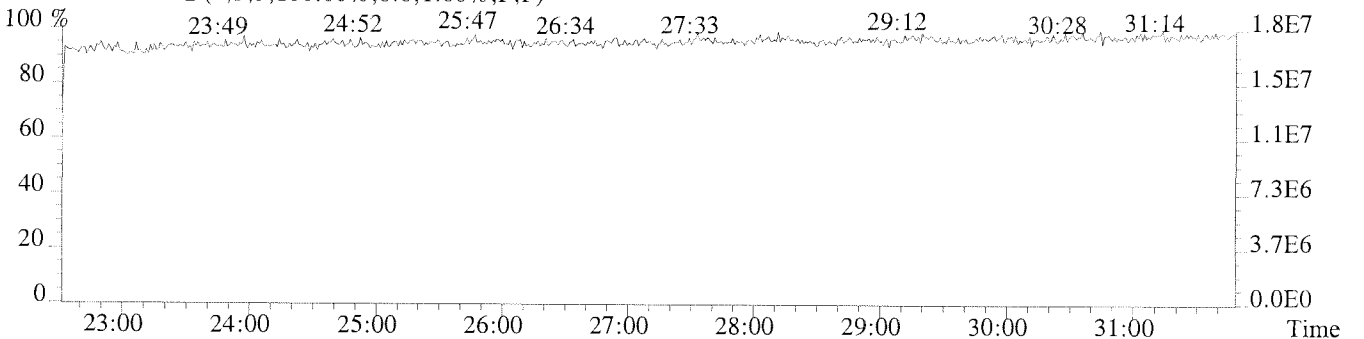
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3432.0,1.00%,F,T)



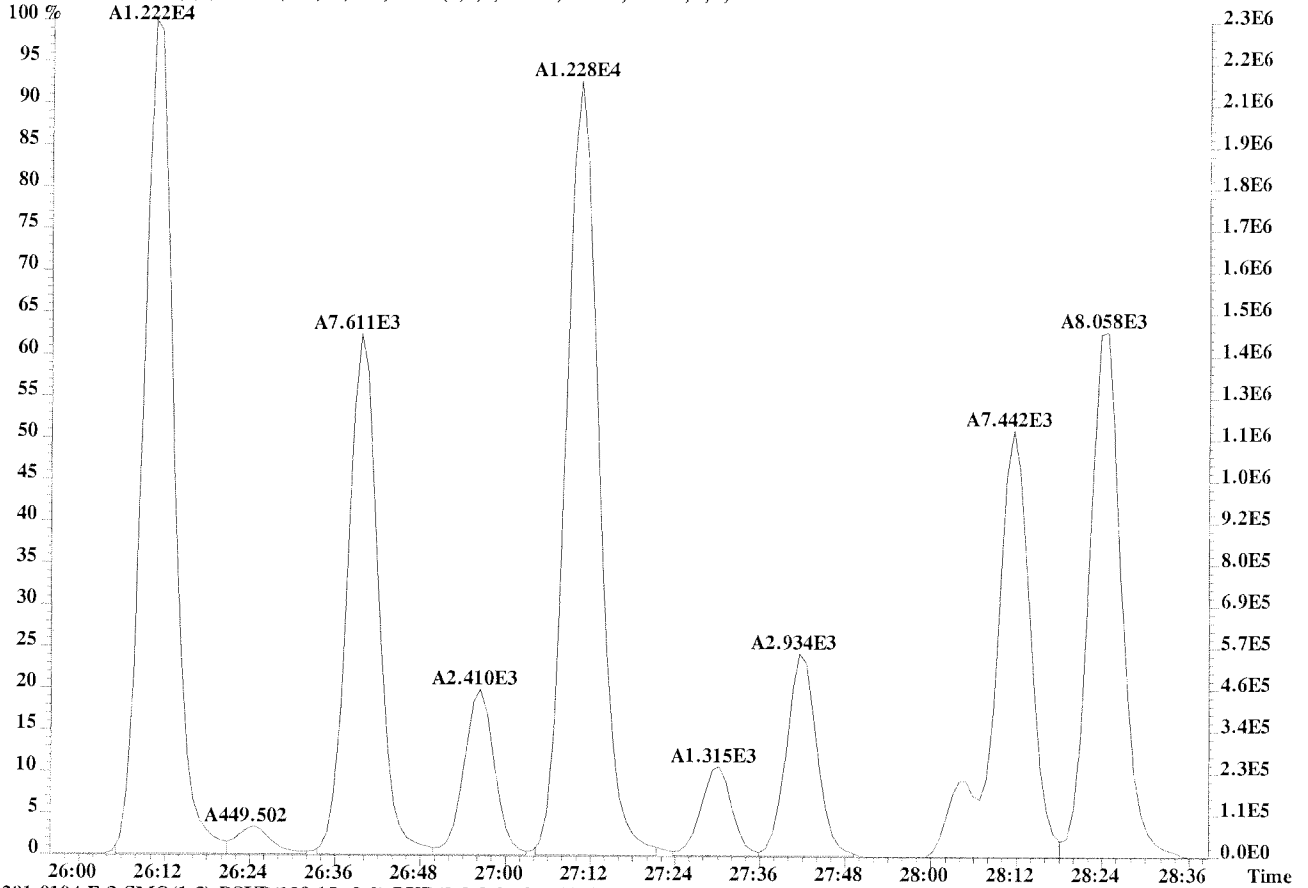
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3760.0,1.00%,F,T)



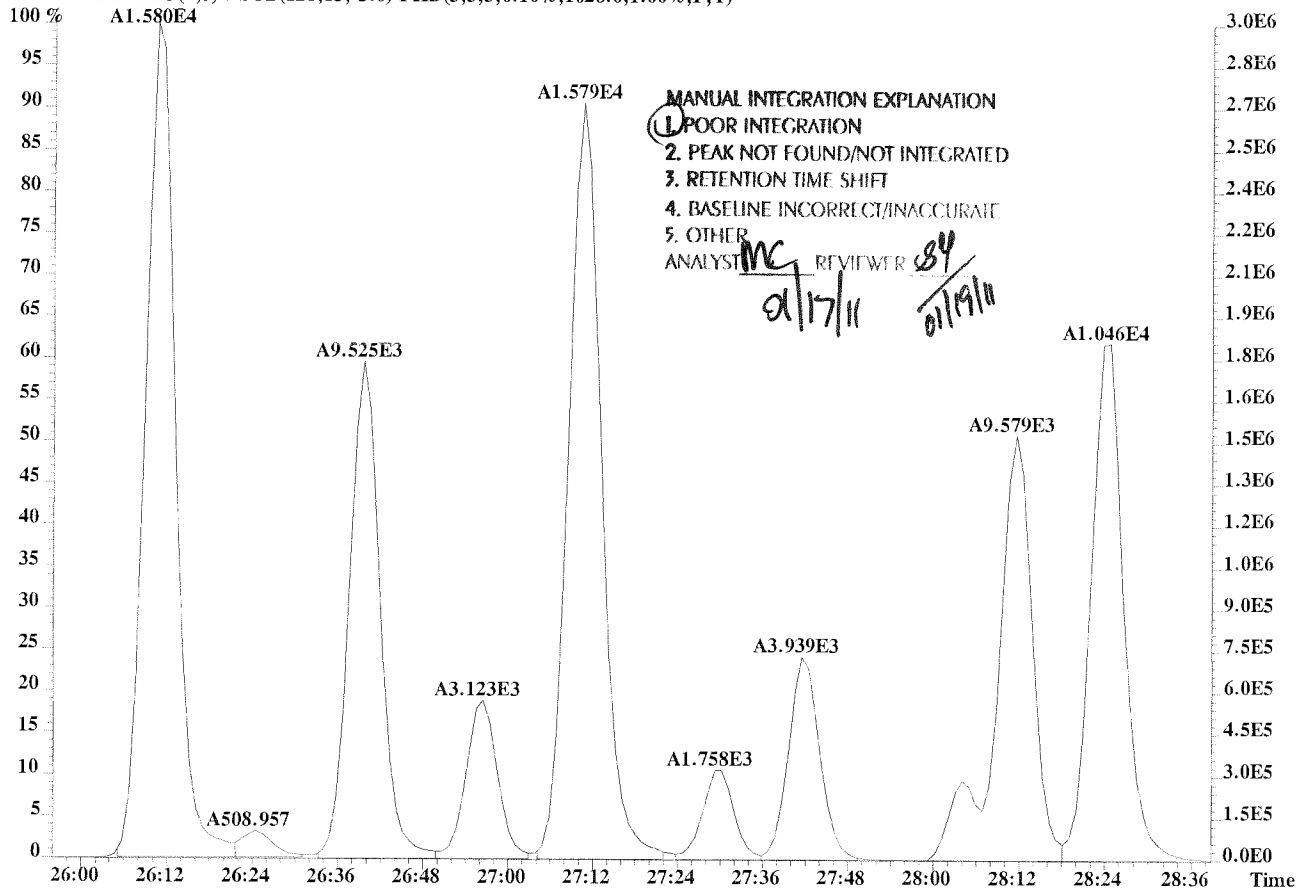
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



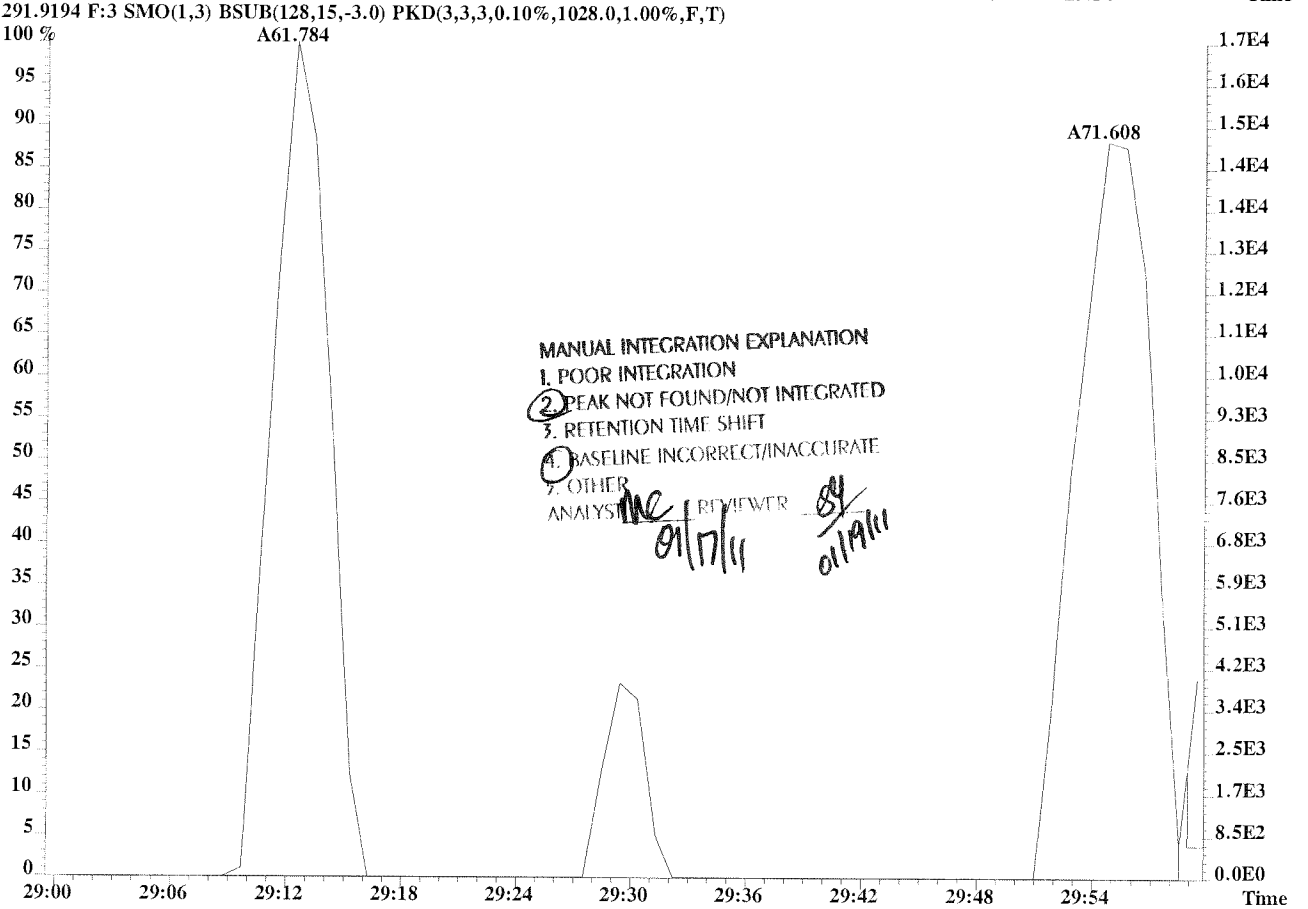
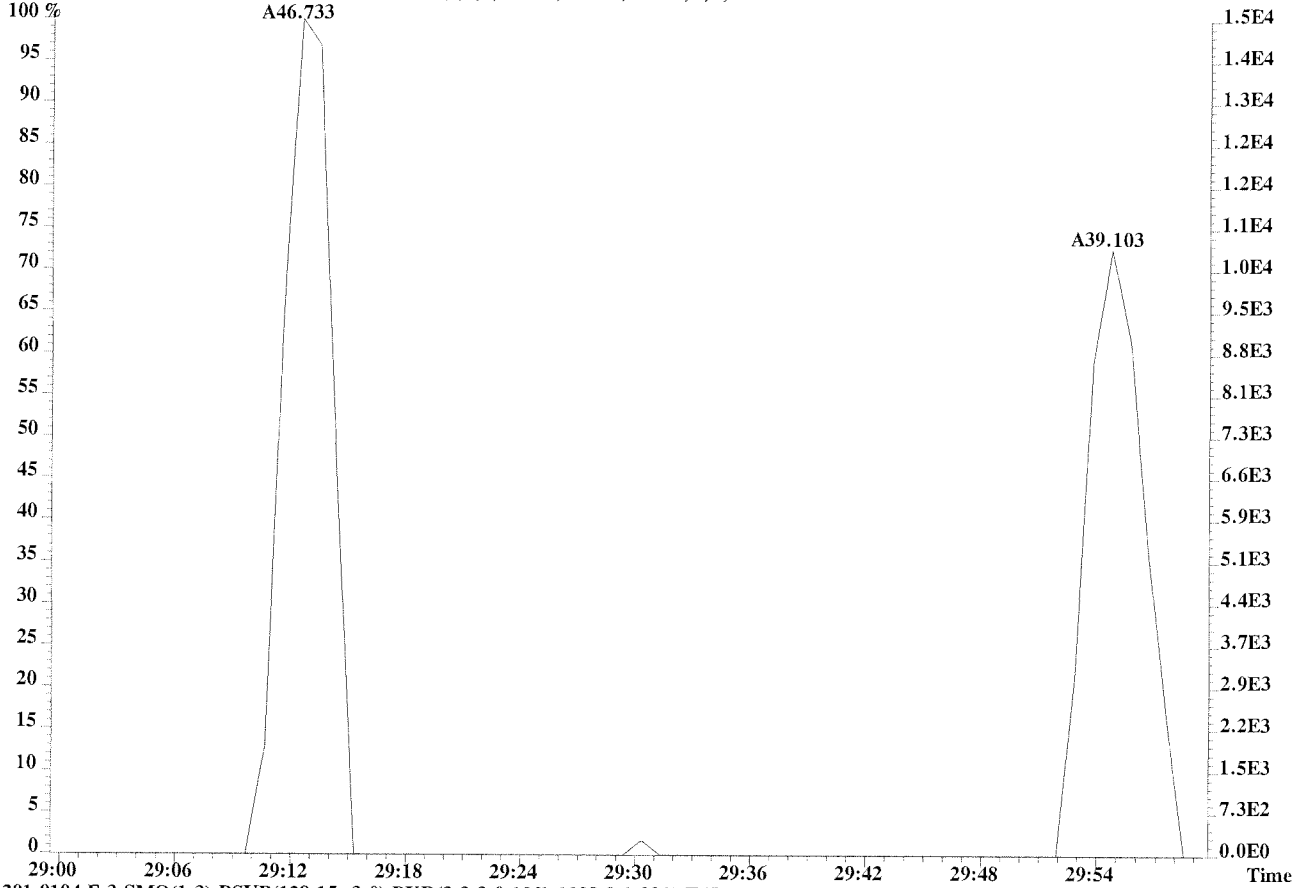
File:U224761 #1-594 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-009 USENE/W071
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1456.0,1.00%,F,T)



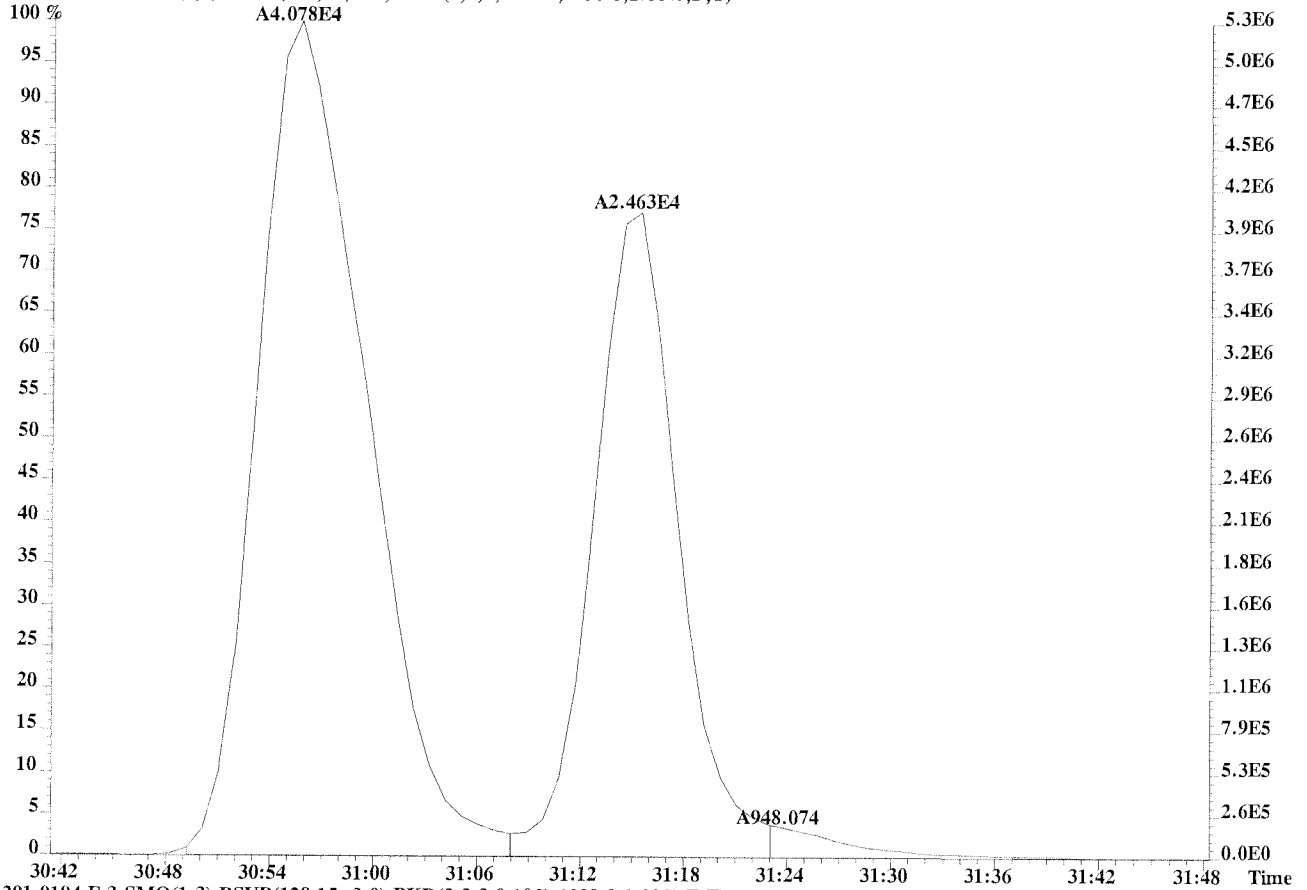
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1028.0,1.00%,F,T)



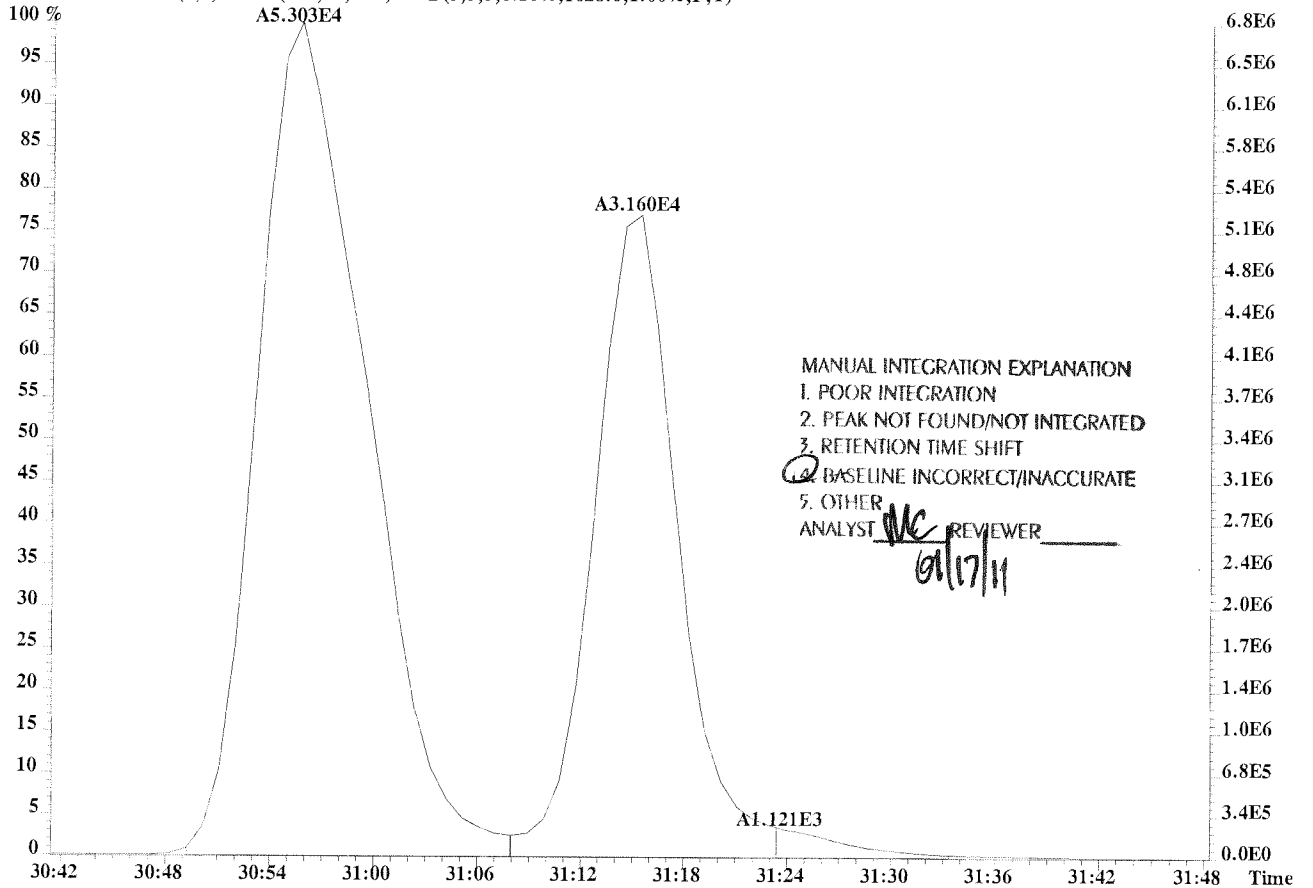
File: U224761 #1-594 Acq: 15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp: K1013433-009 USENE/W071
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1456.0,1.00%,F,T)



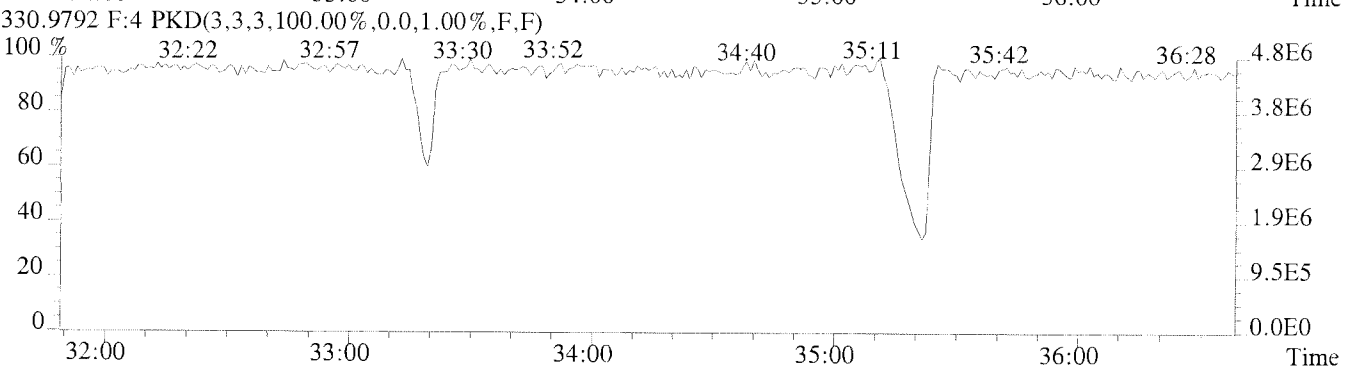
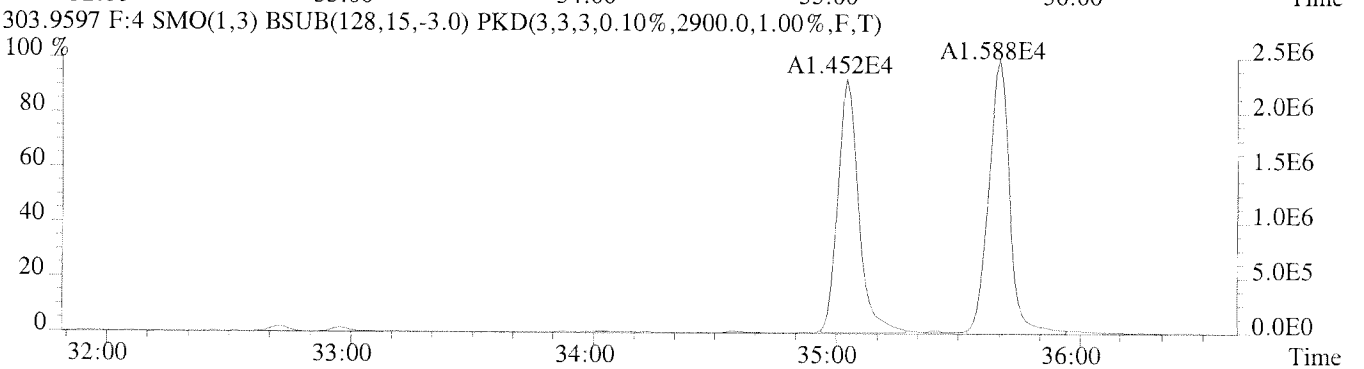
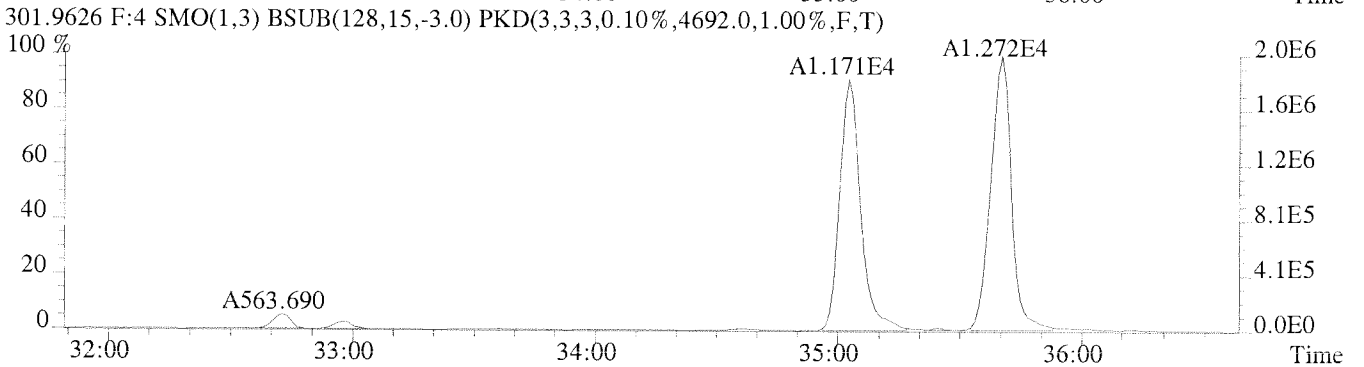
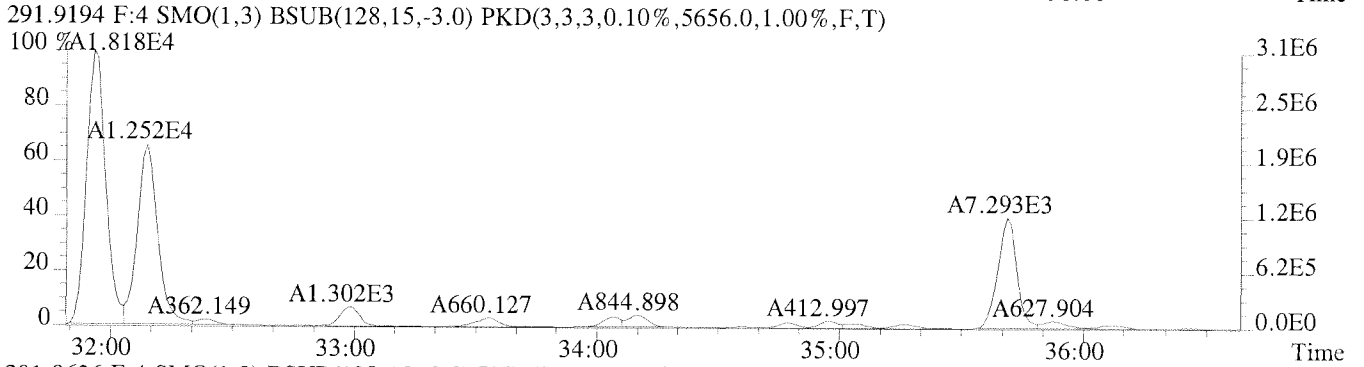
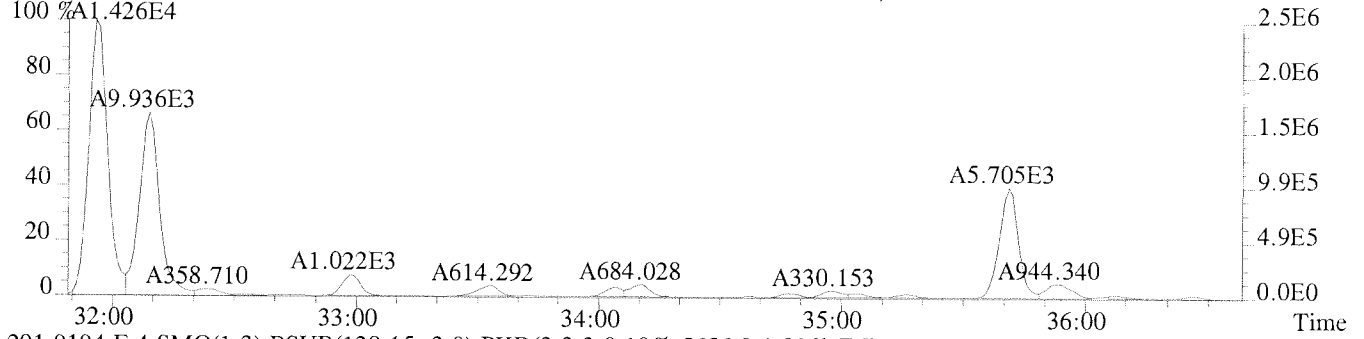
File:U224761 #1-594 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-009 USENE/W071
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1456.0,1.00%,F,T)



291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1028.0,1.00%,F,T)

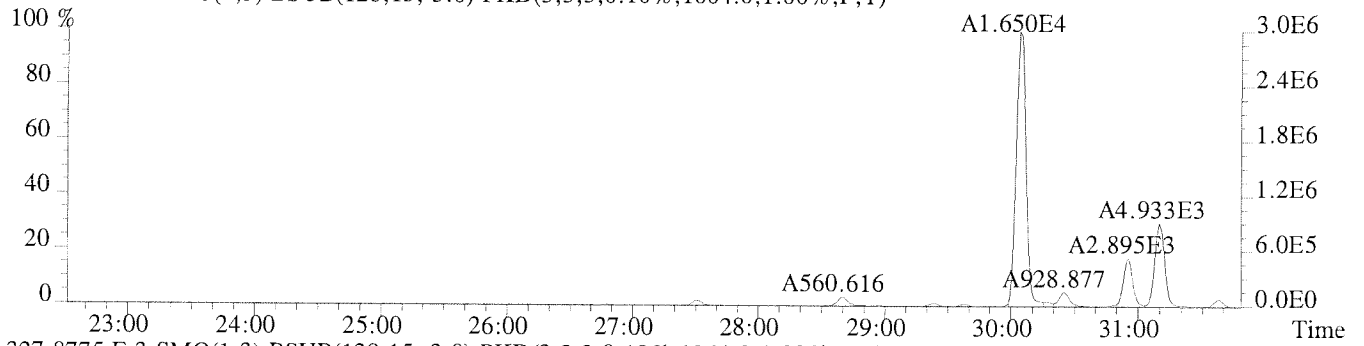


File:U224761 #1-309 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-009 USENE/W071
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6740.0,1.00%,F,T)
 100 %A1.426E4

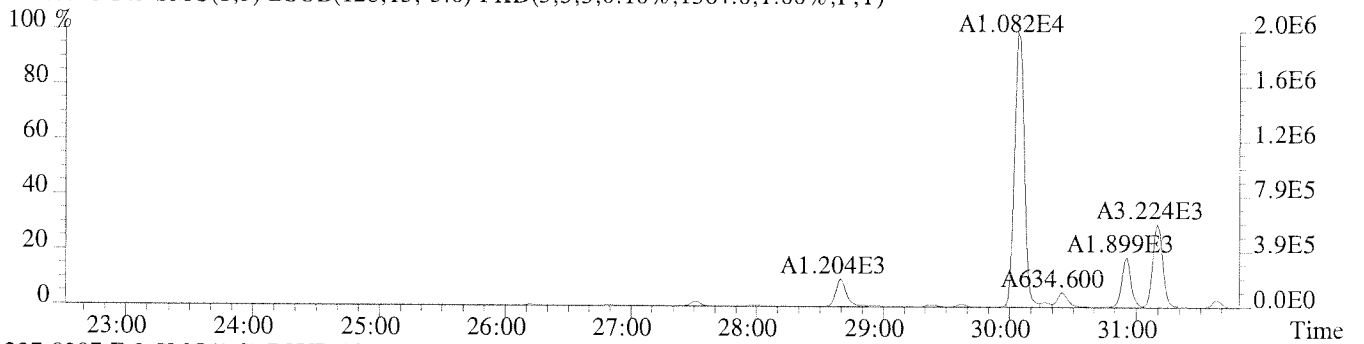


File:U224761 #1-594 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071

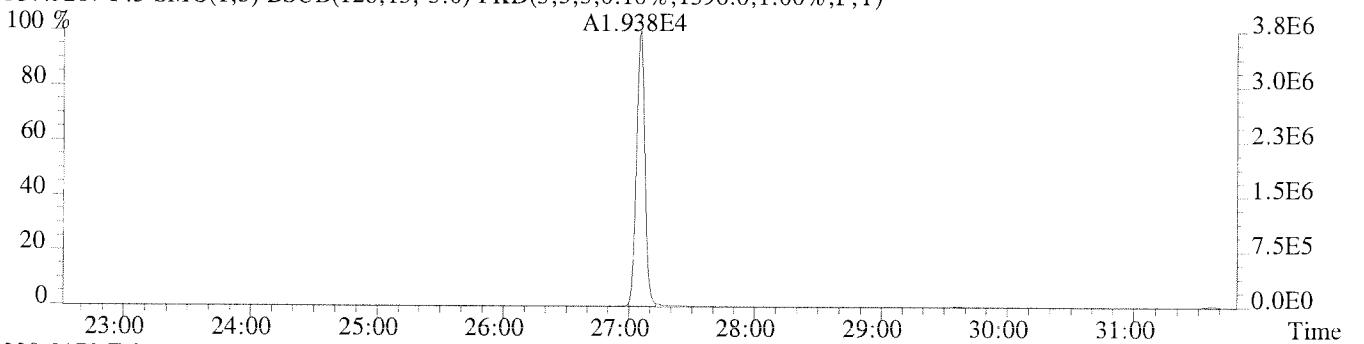
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1004.0,1.00%,F,T)



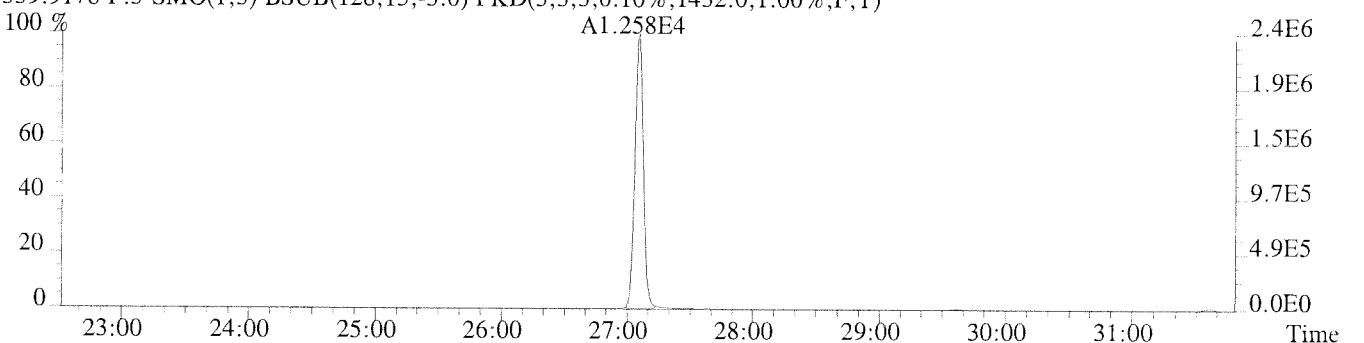
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1364.0,1.00%,F,T)



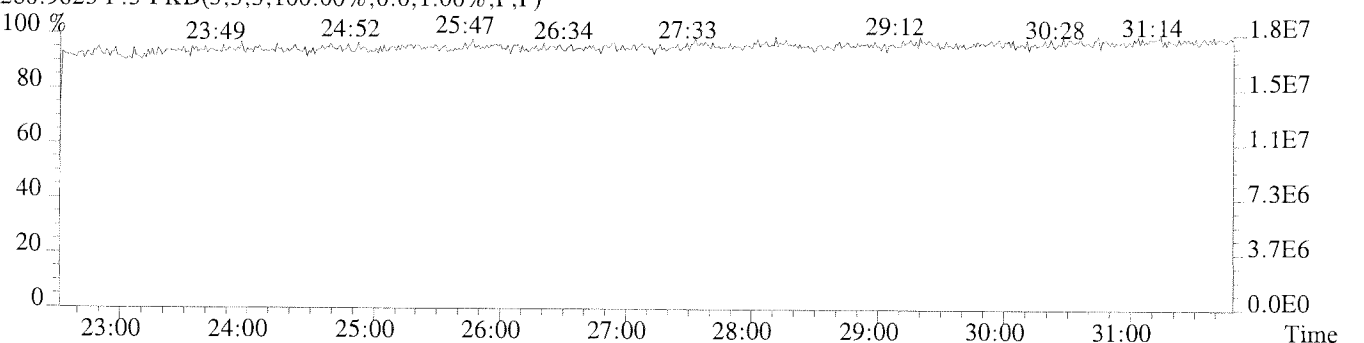
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1396.0,1.00%,F,T)

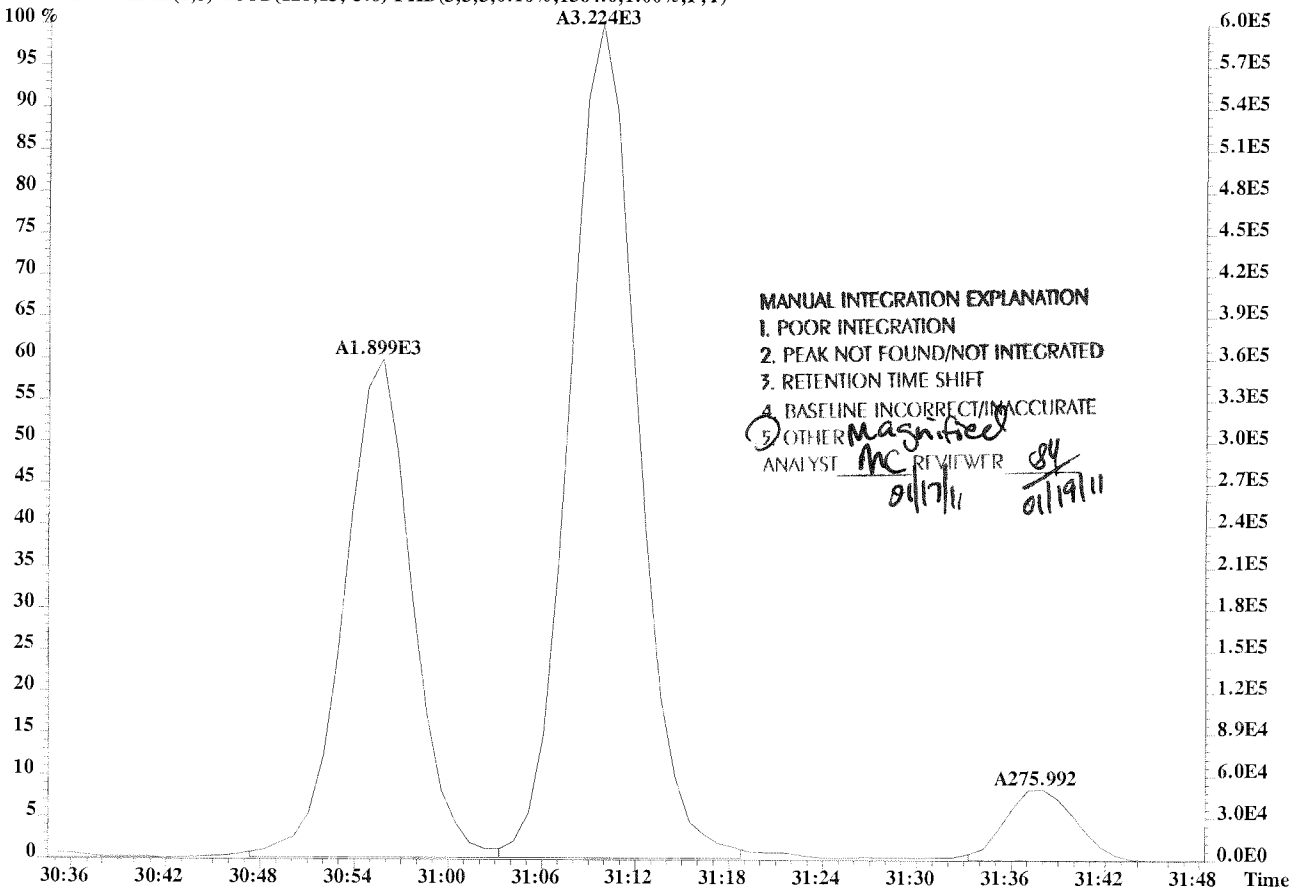
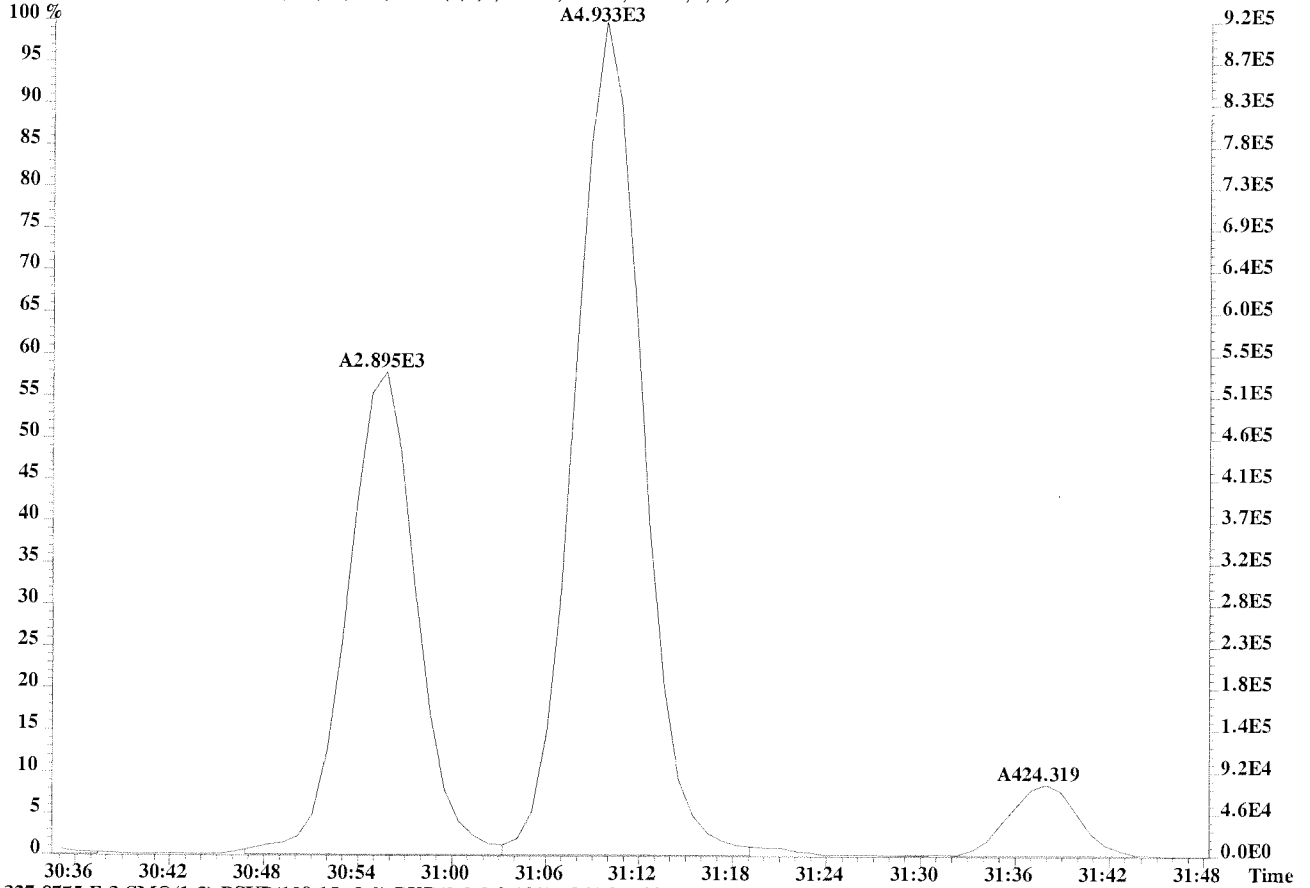


339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1432.0,1.00%,F,T)



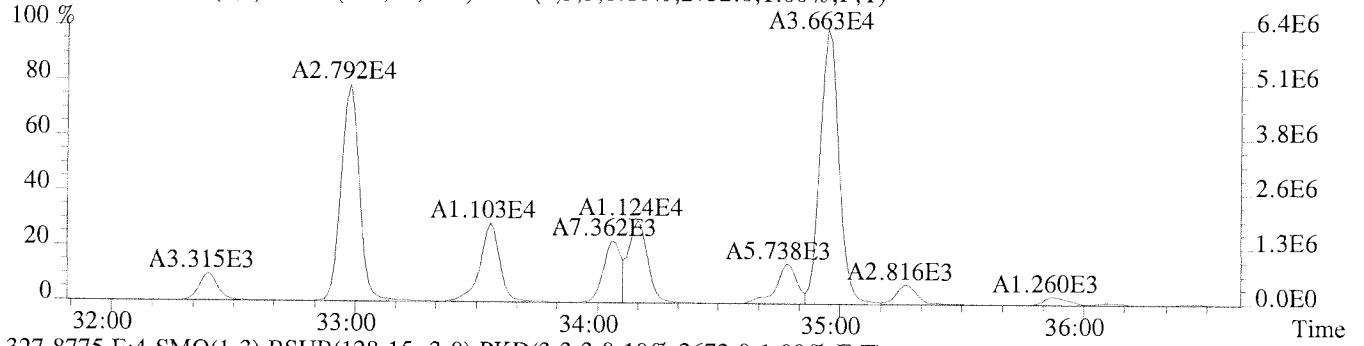
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



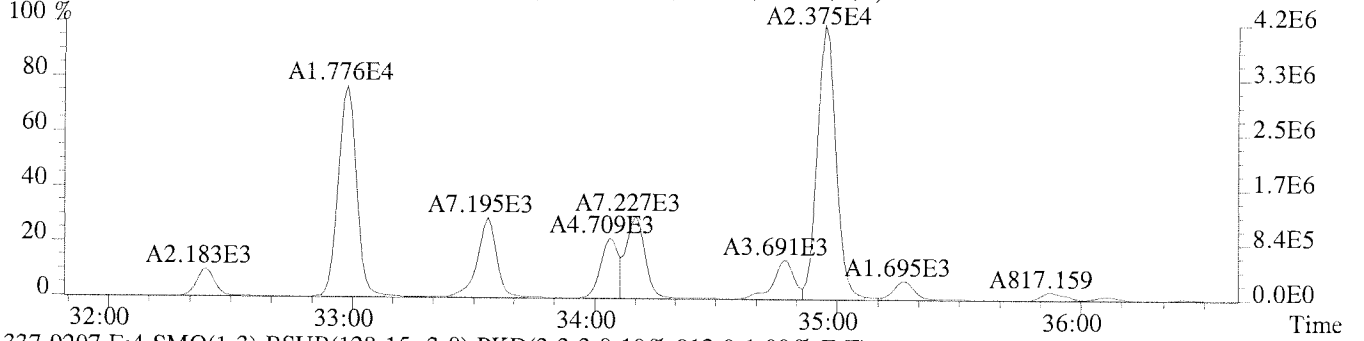


File:U224761 #1-309 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071

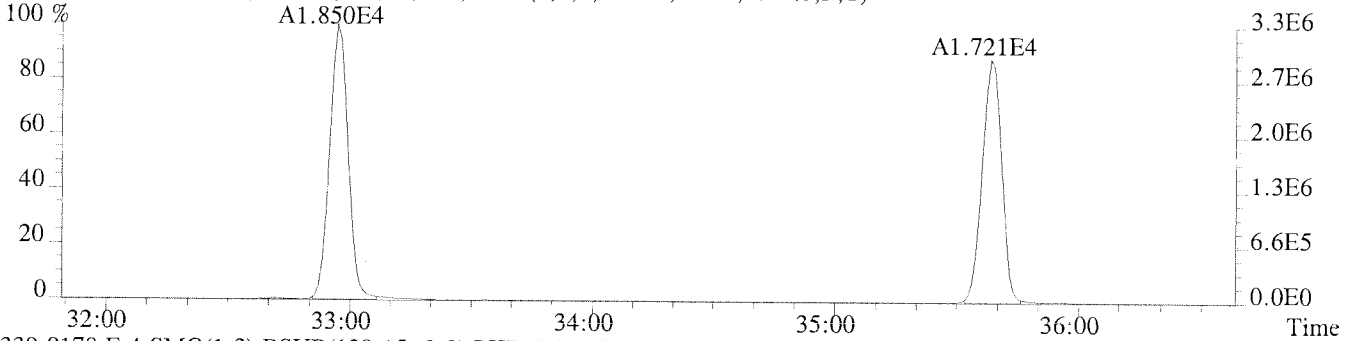
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2752.0,1.00%,F,T)



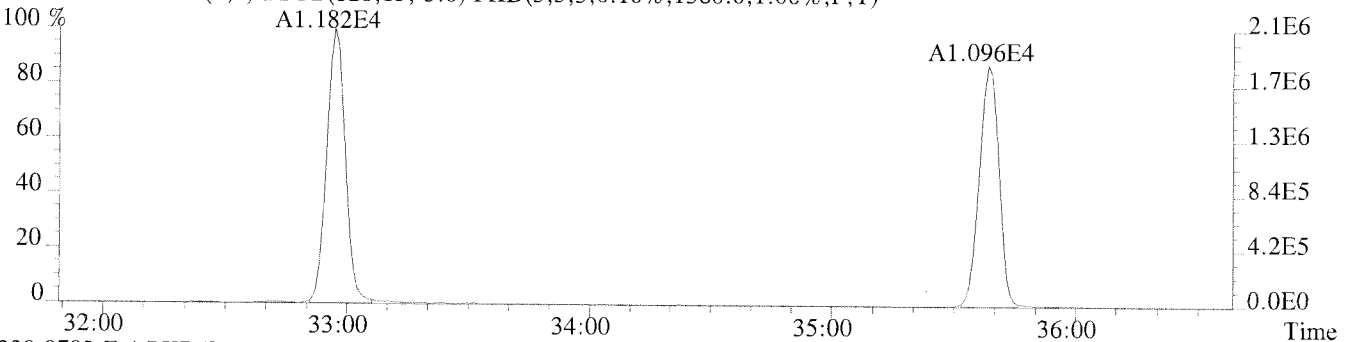
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2672.0,1.00%,F,T)



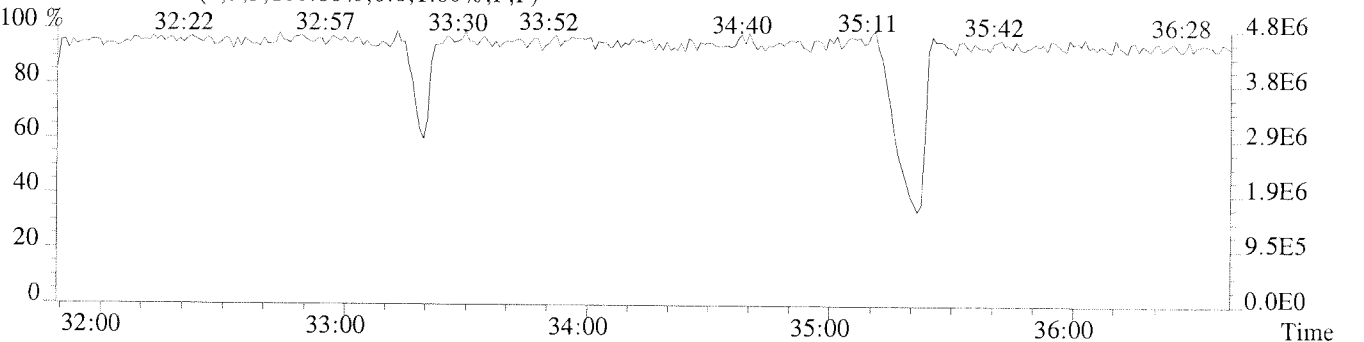
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,912.0,1.00%,F,T)



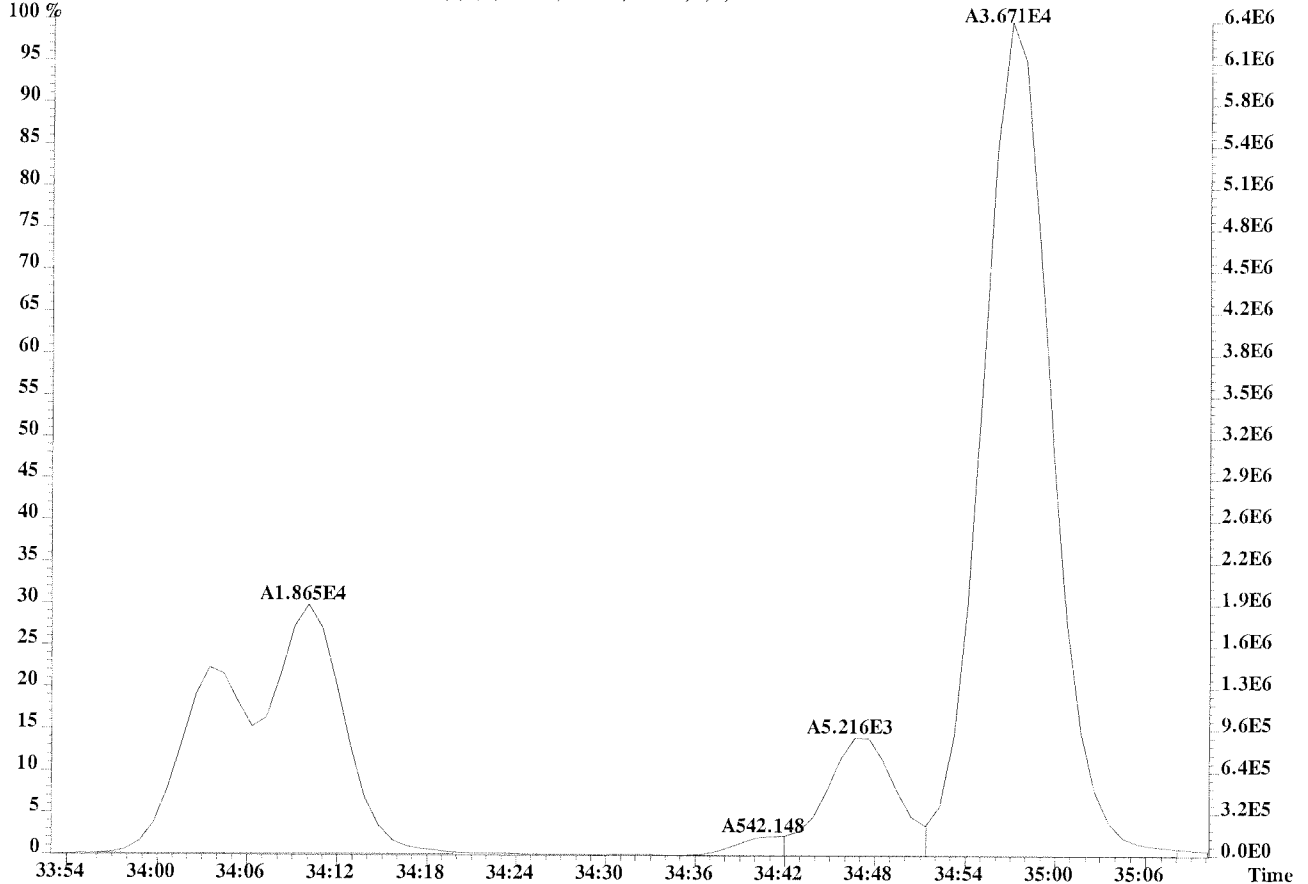
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1380.0,1.00%,F,T)



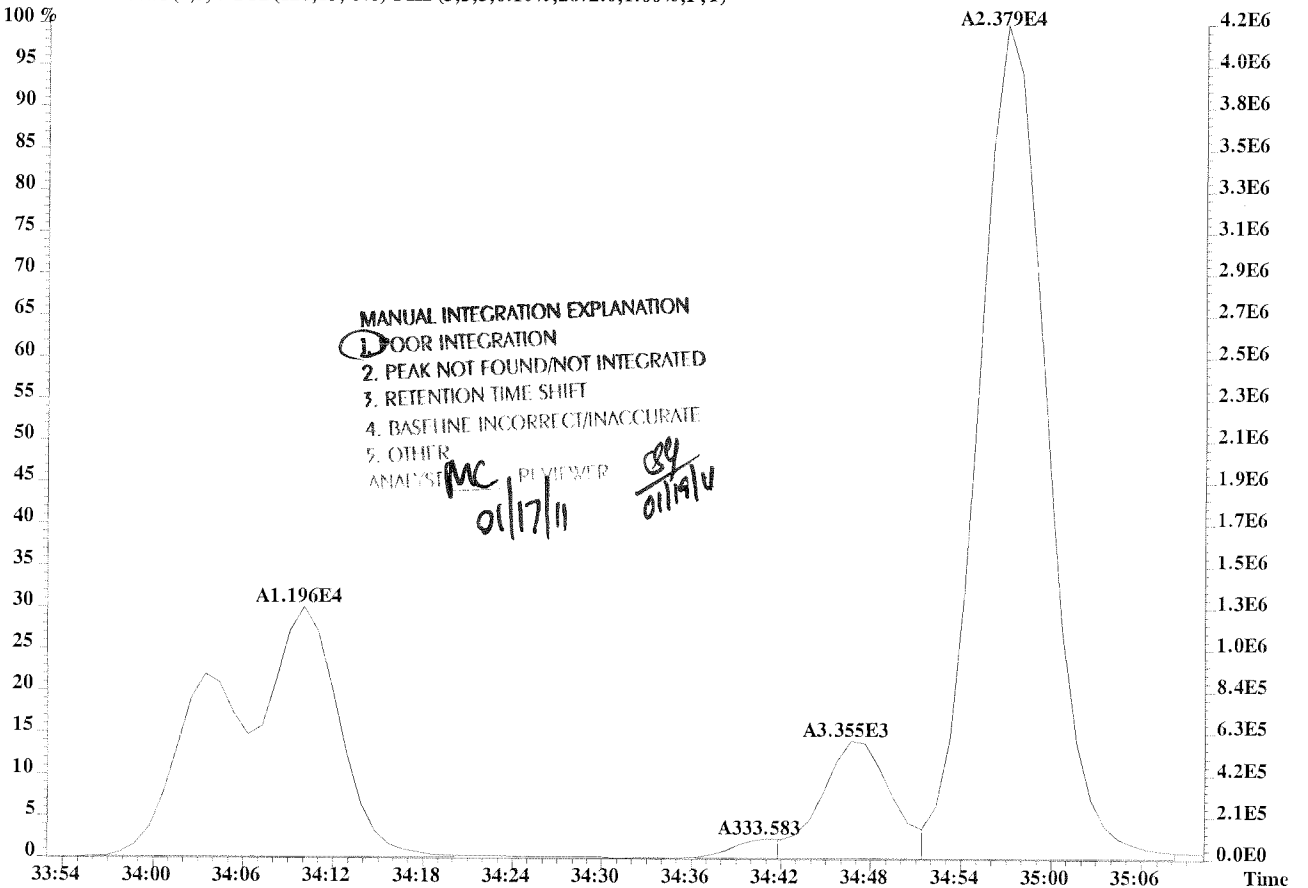
330.9792 F:4 PKD(3,3,3,100.0%,0.0,1.00%,F,F)



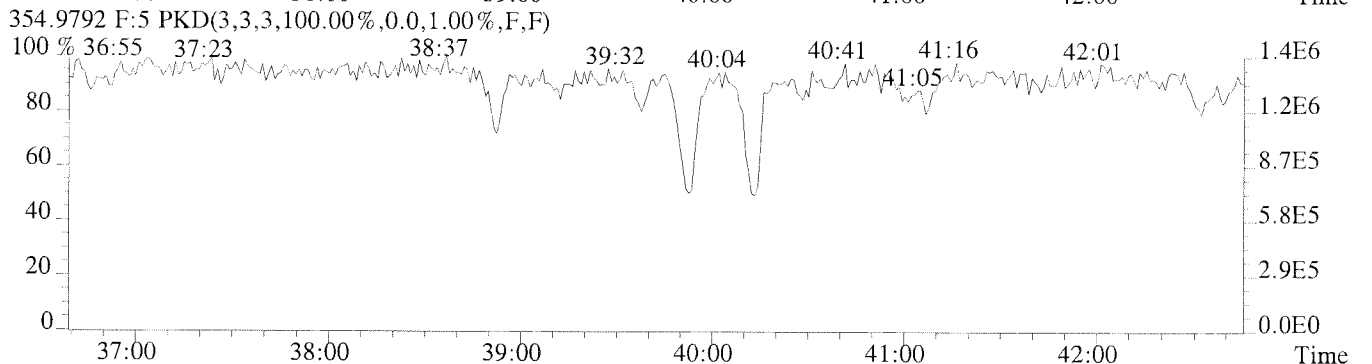
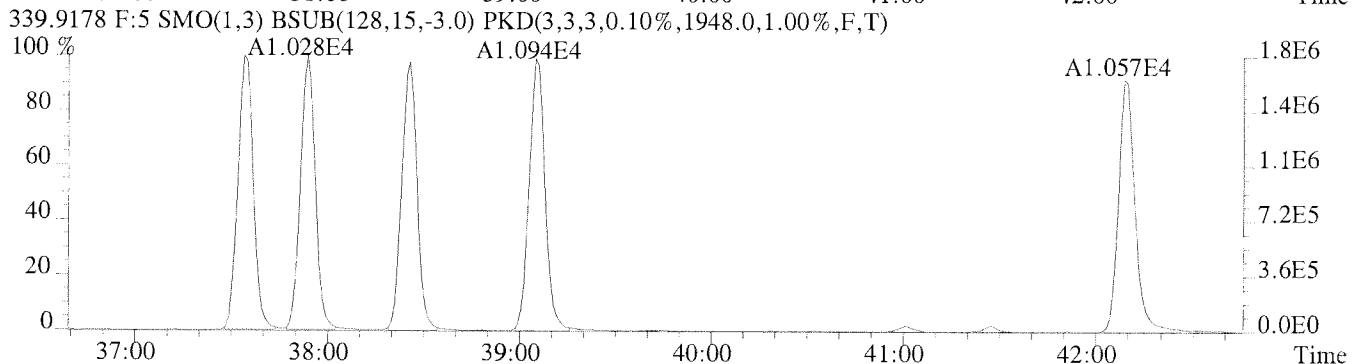
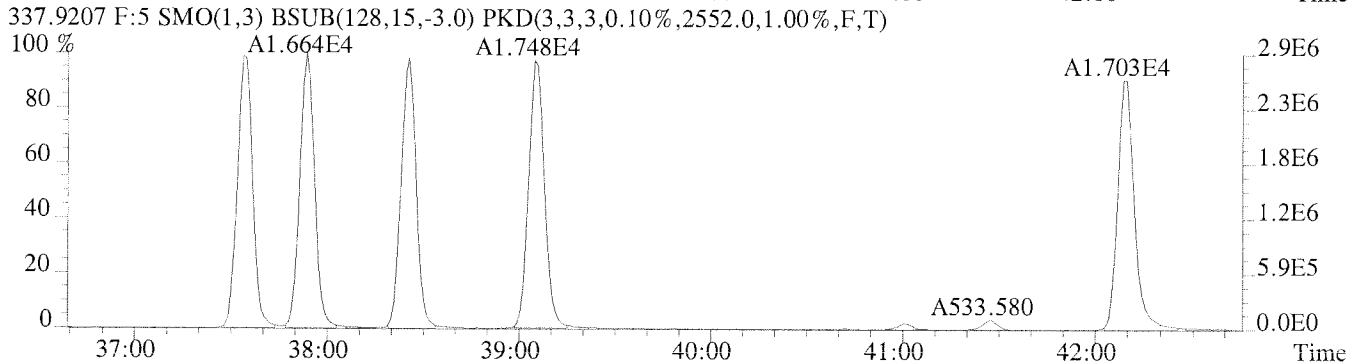
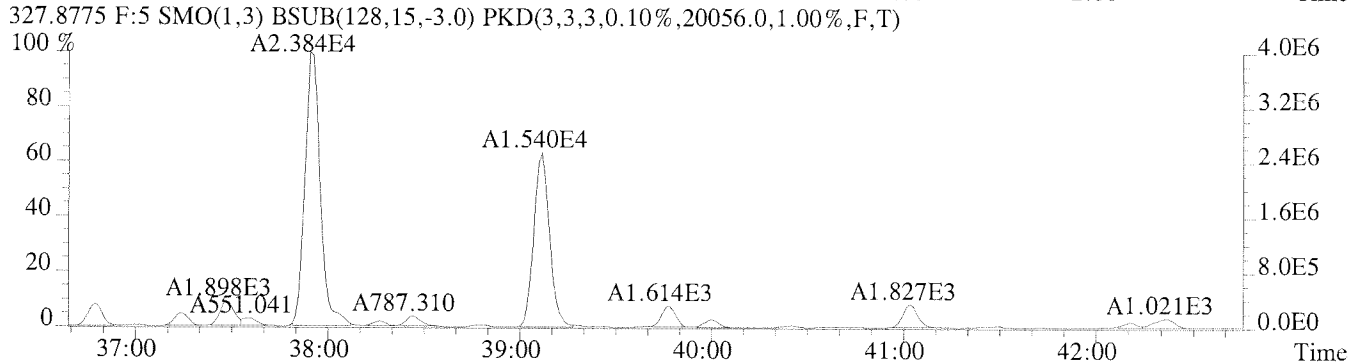
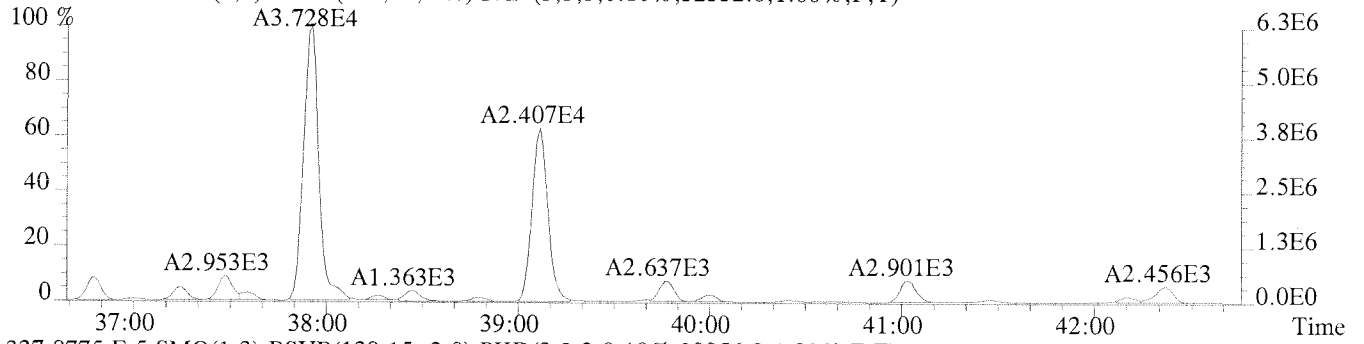
File:U224761 #1-309 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-009 USENE/W071
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2752.0,1.00%,F,T)



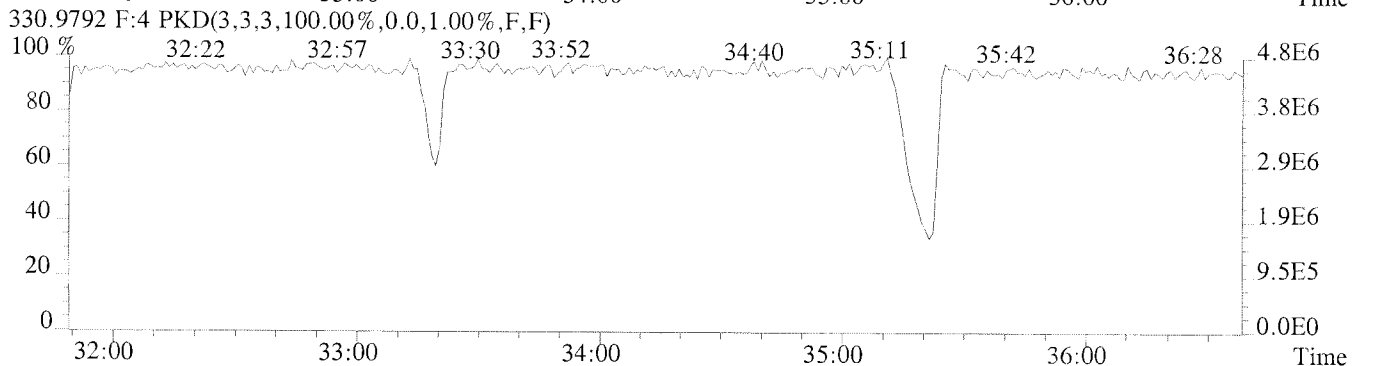
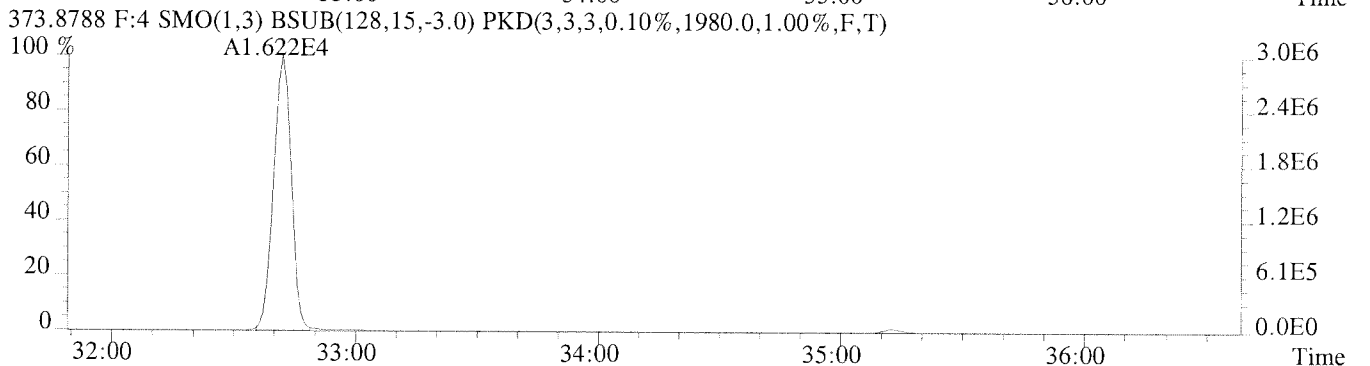
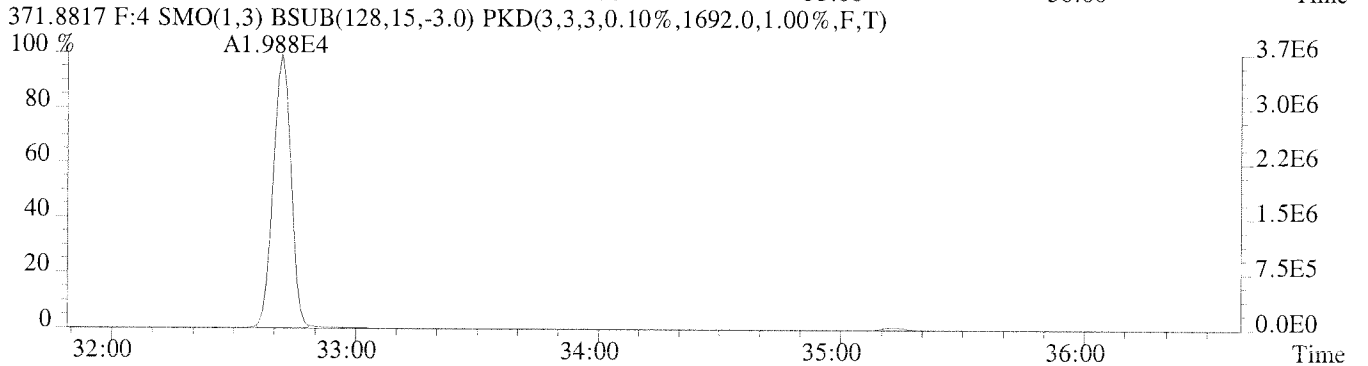
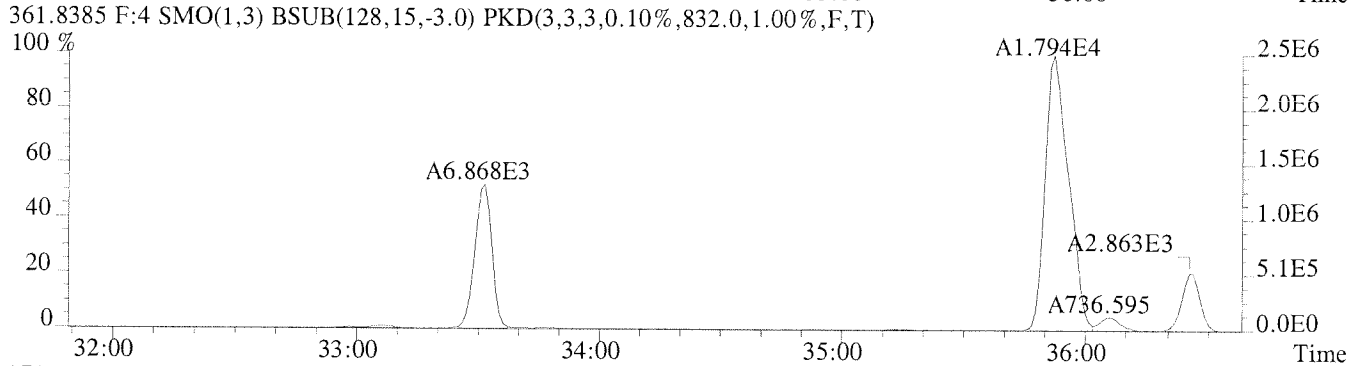
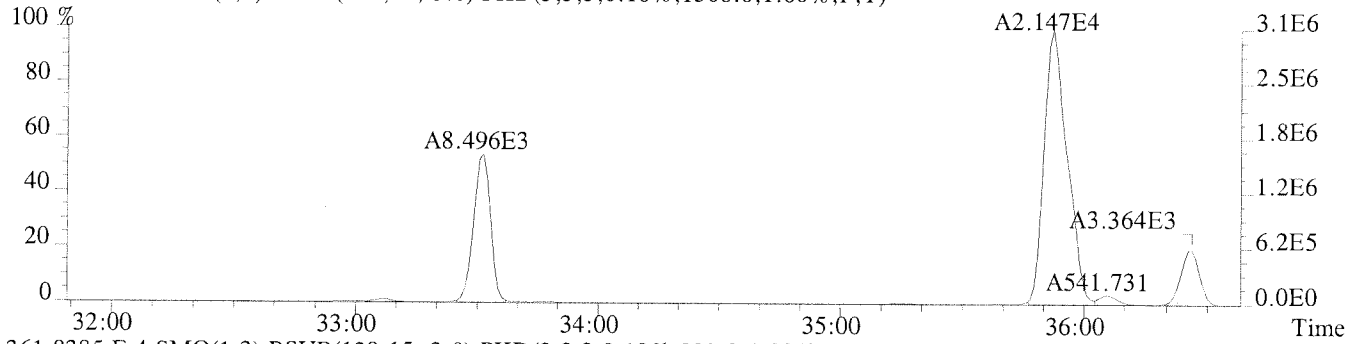
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2672.0,1.00%,F,T)



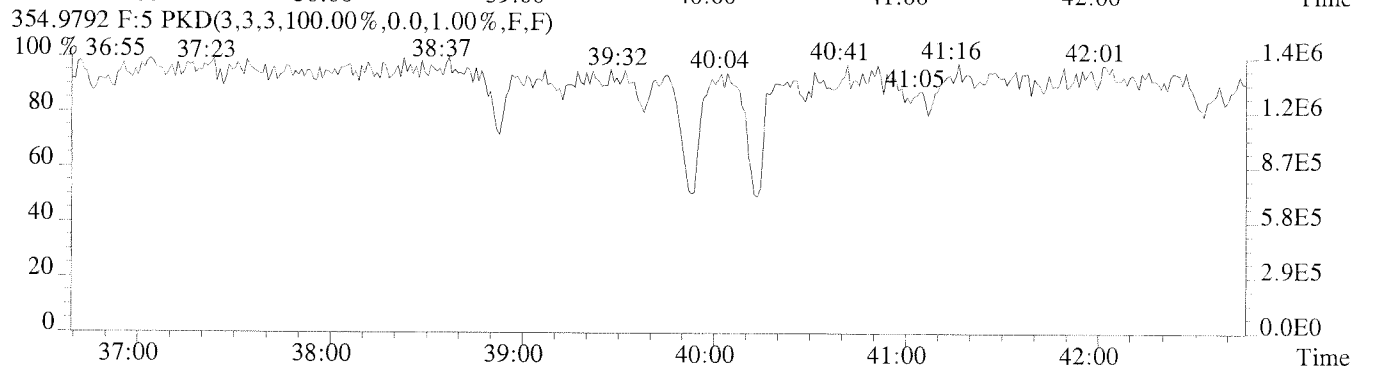
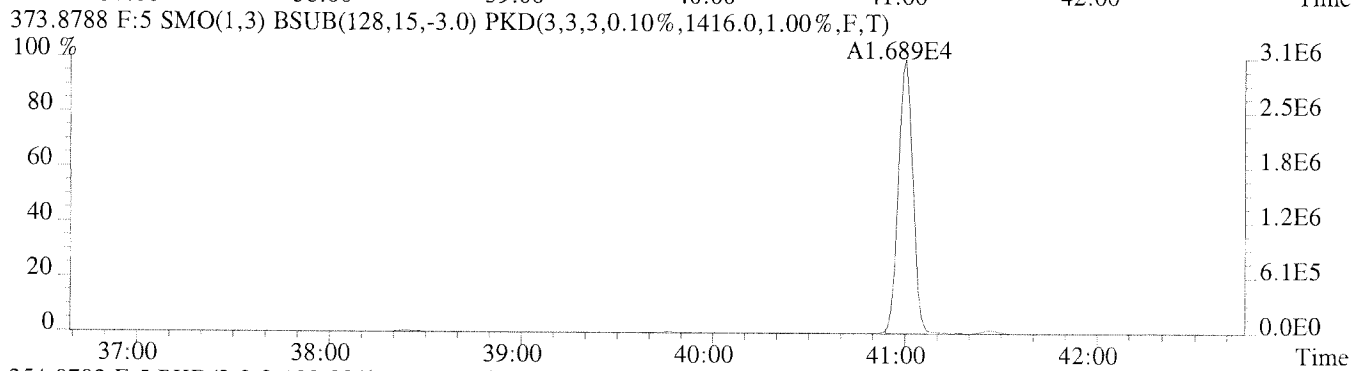
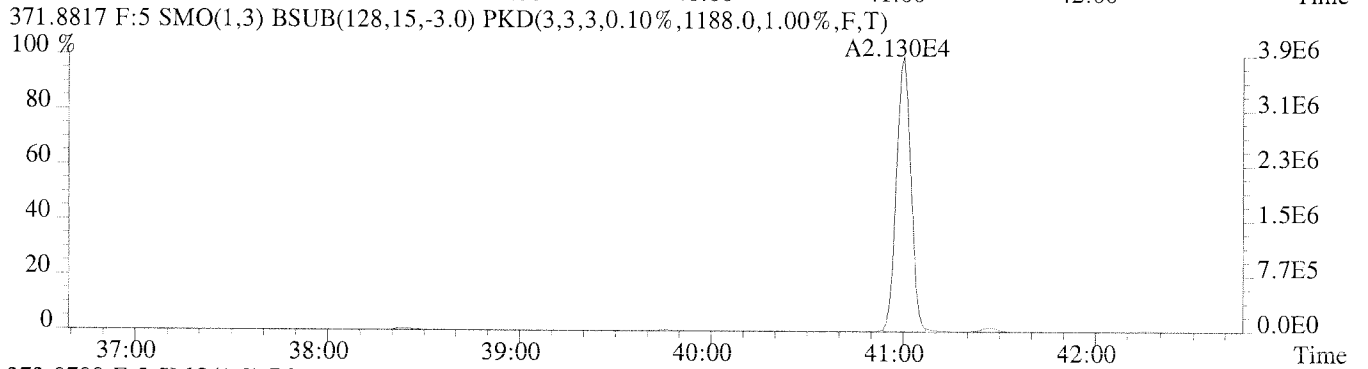
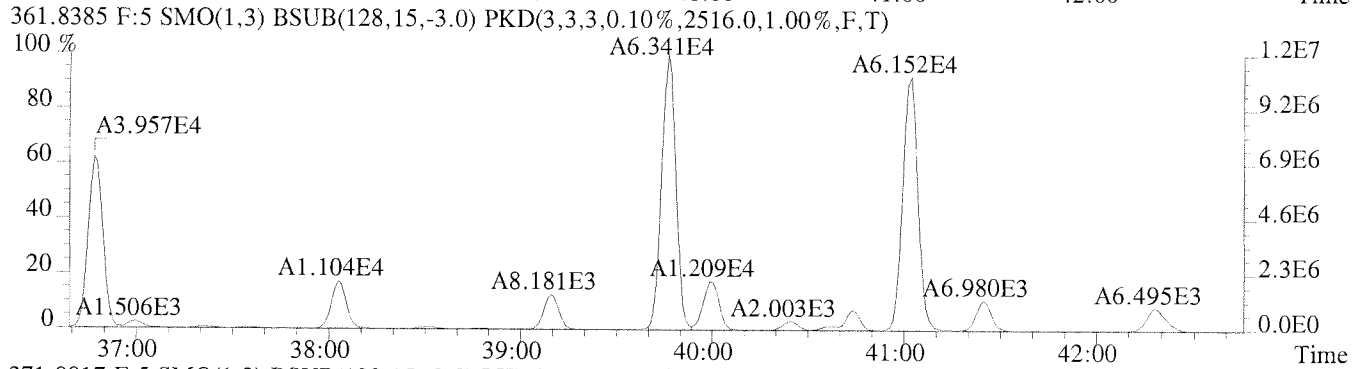
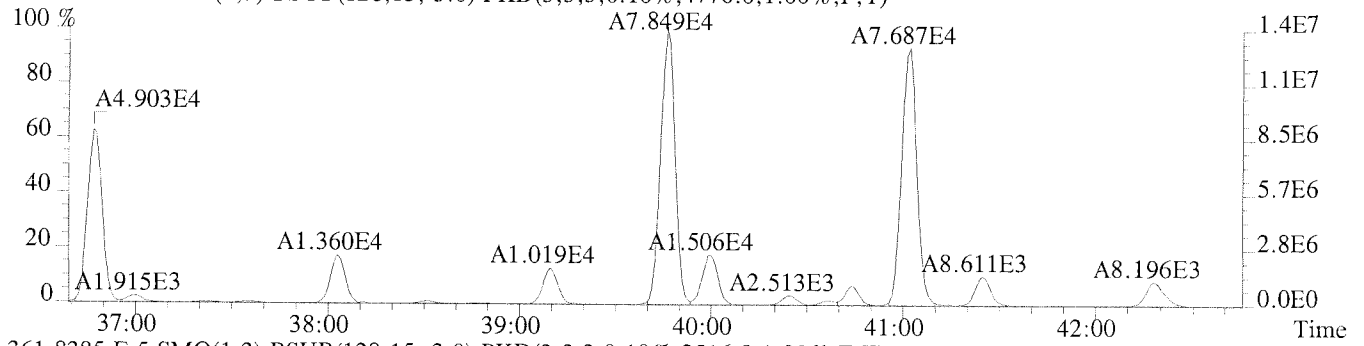
File:U224761 #1-391 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,32532.0,1.00%,F,T)



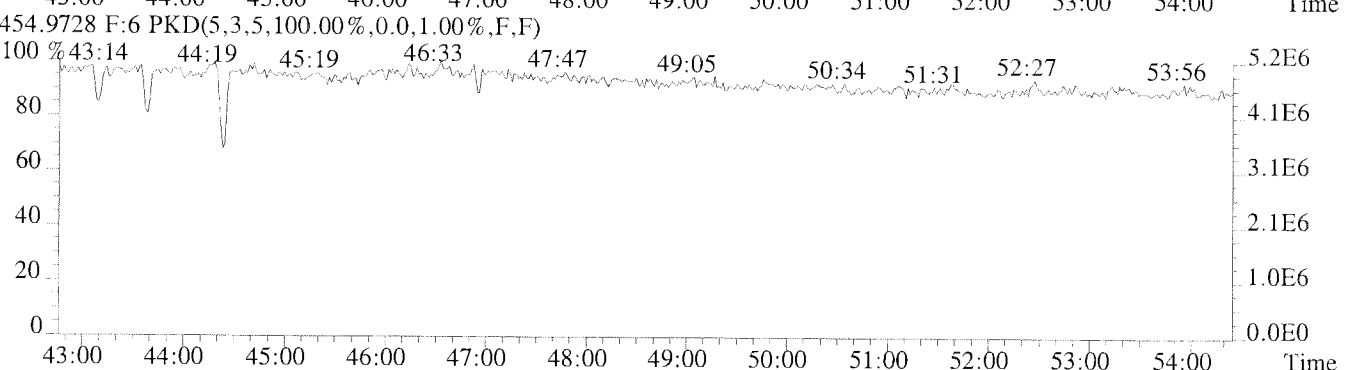
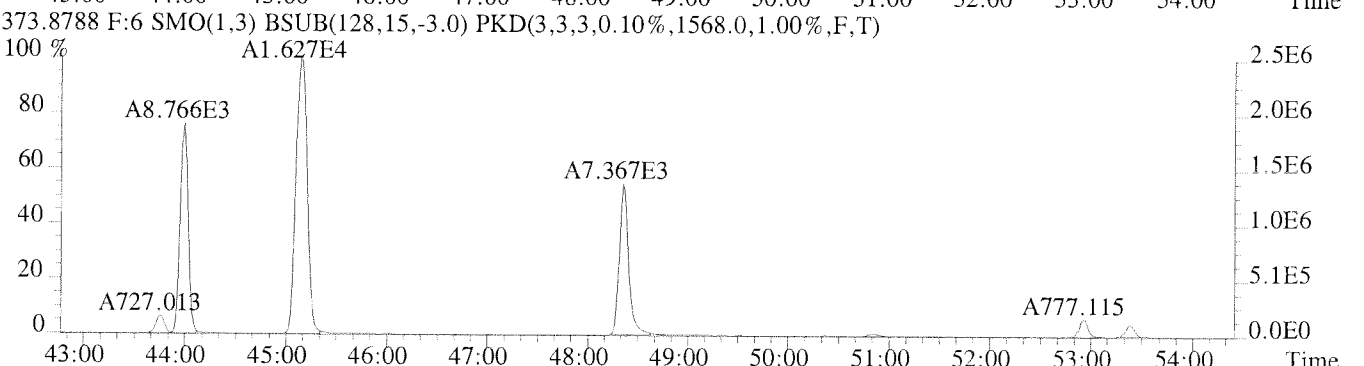
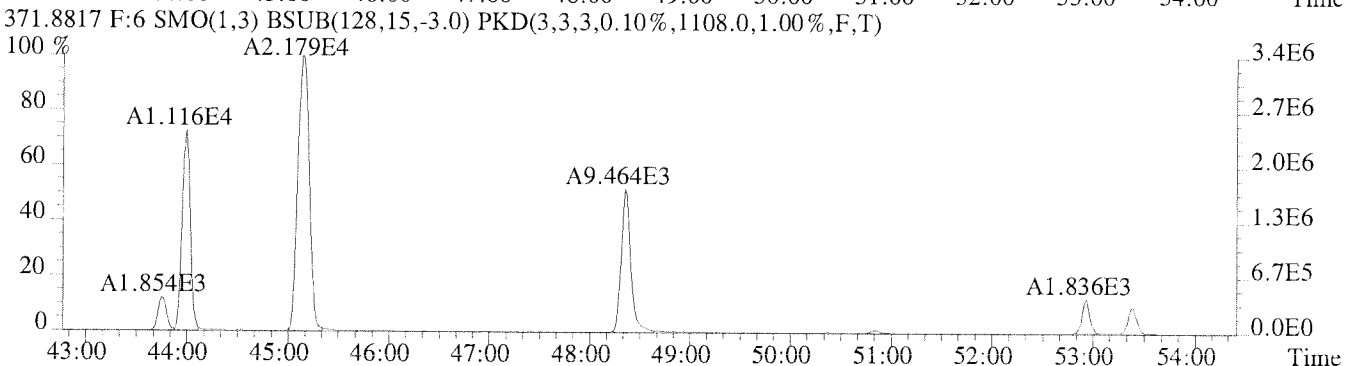
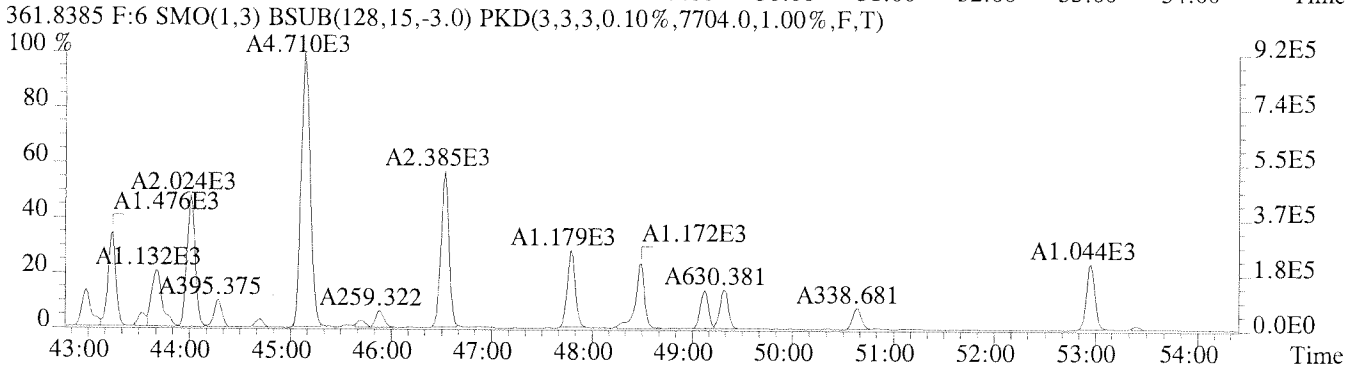
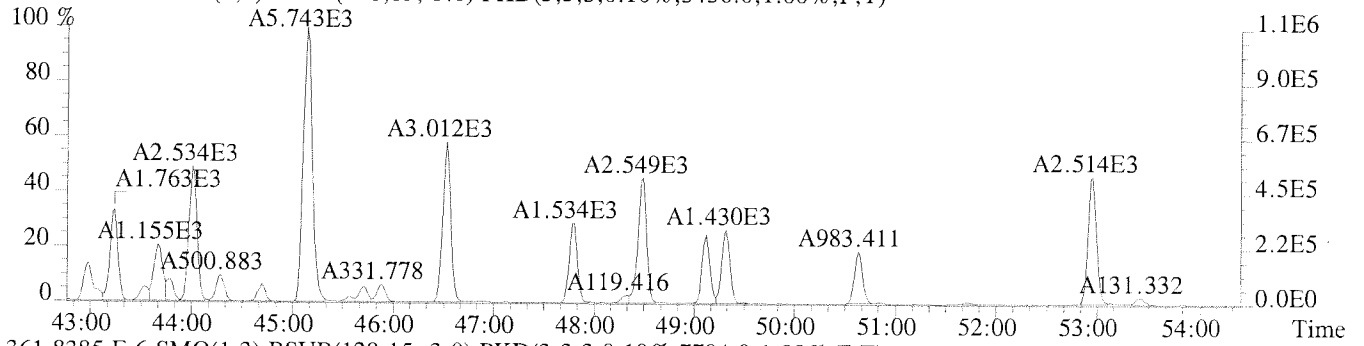
File:U224761 #1-309 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1308.0,1.00%,F,T)

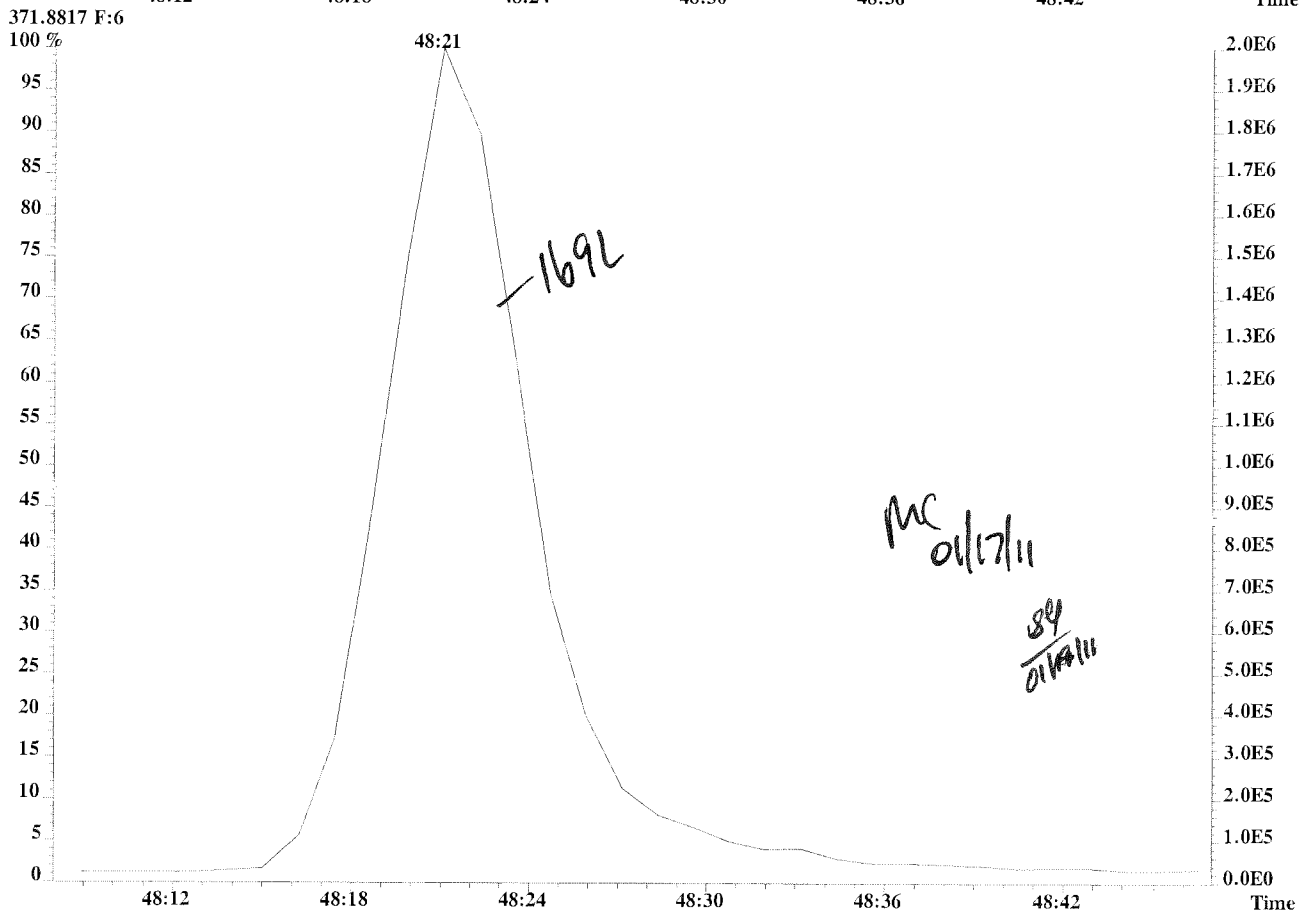
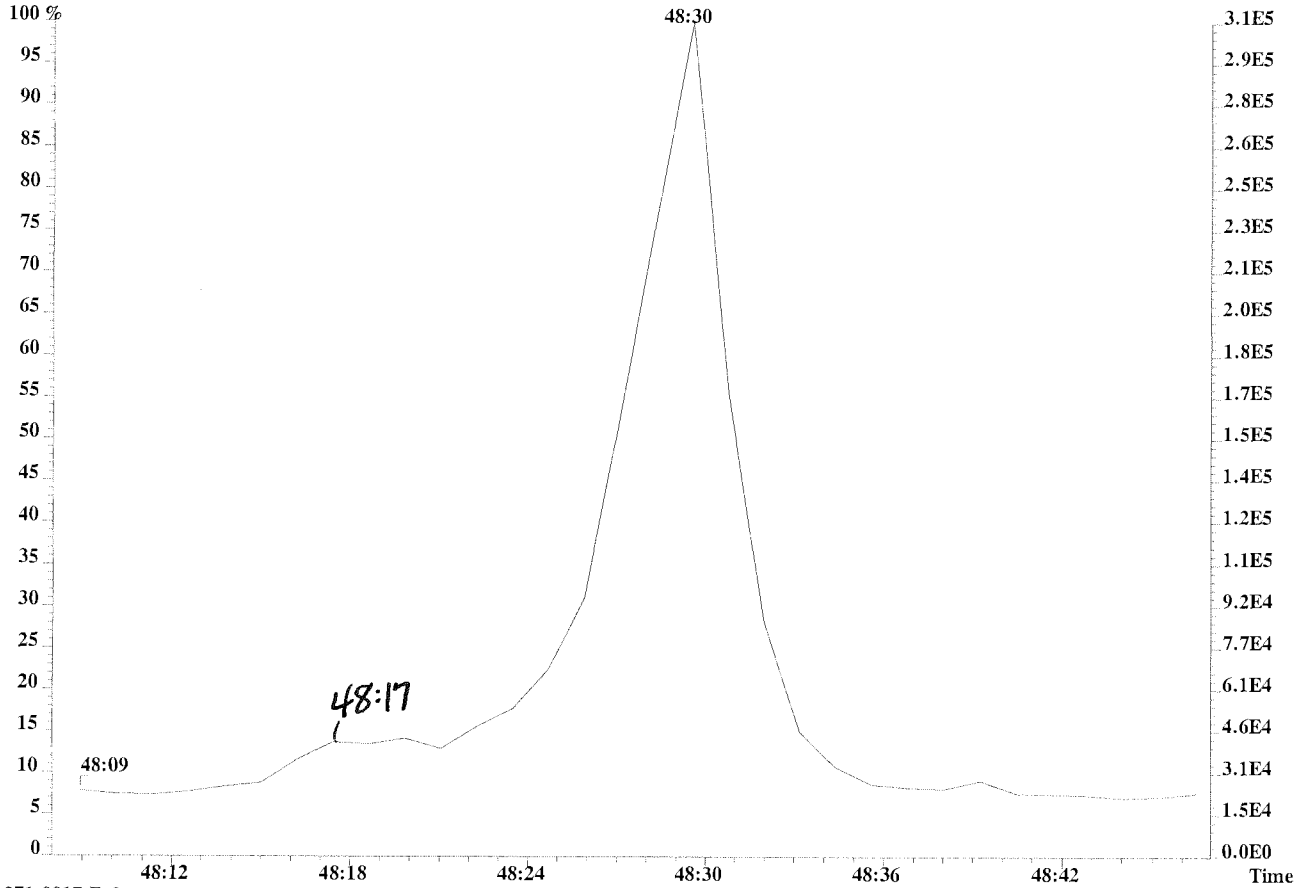


File:U224761 #1-391 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4776.0,1.00%,F,T)

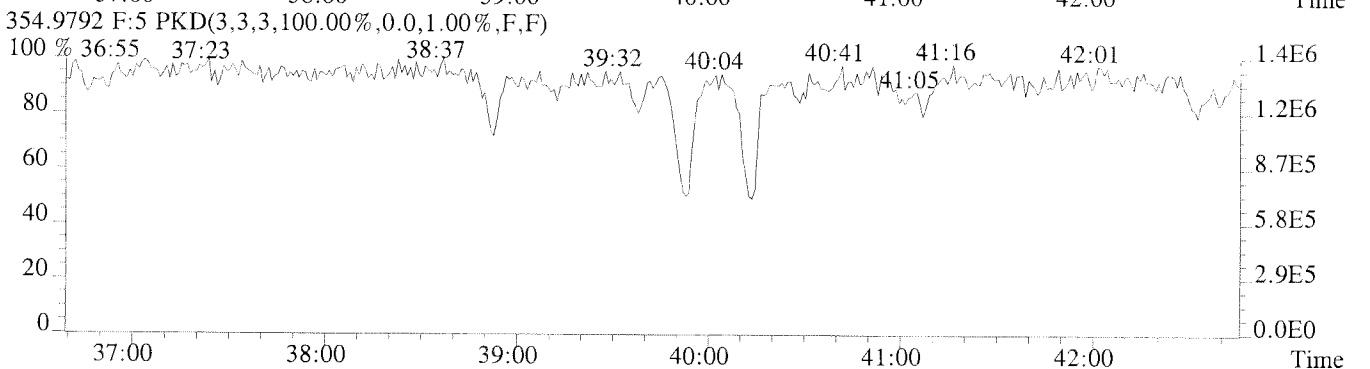
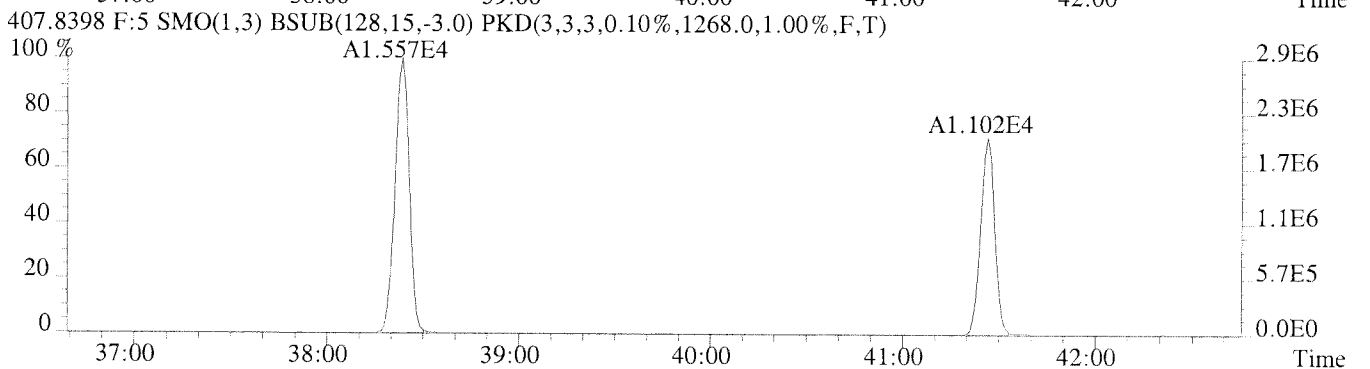
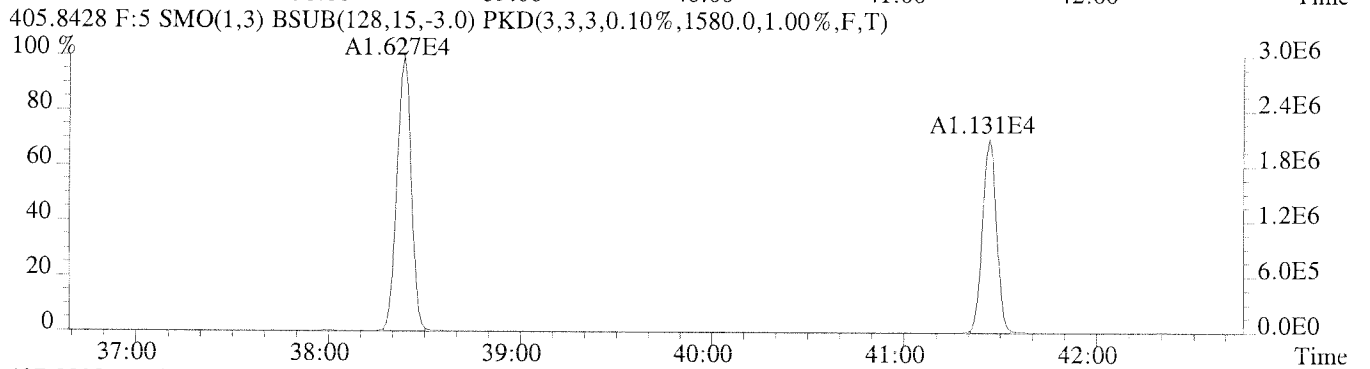
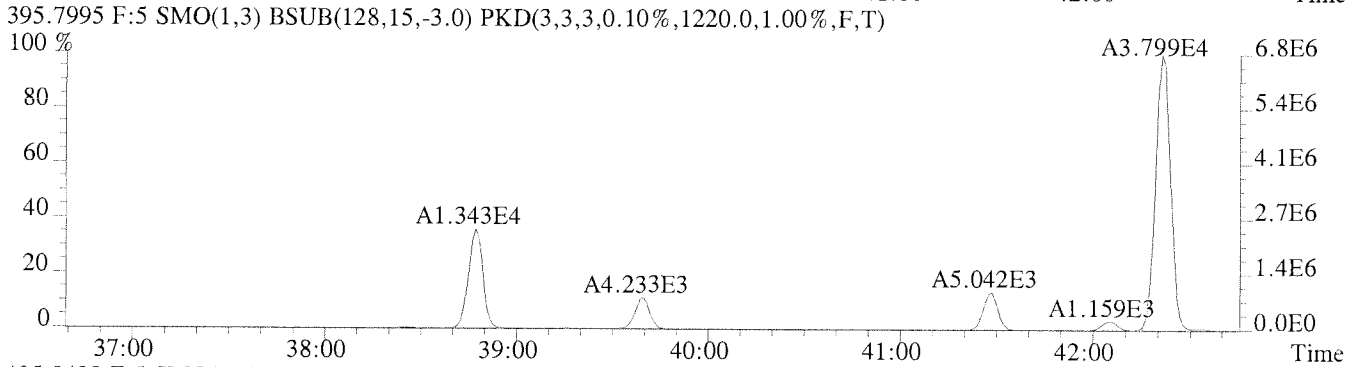
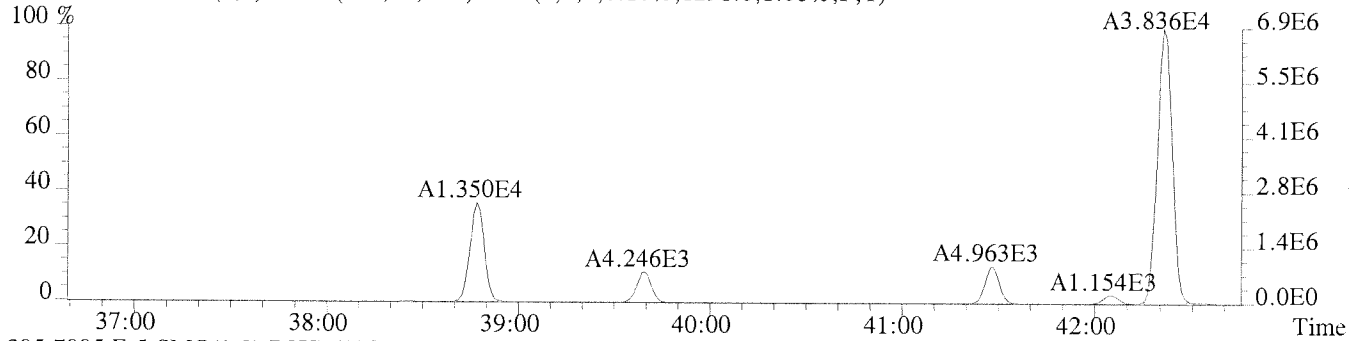


File:U224761 #1-577 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3436.0,1.00%,F,T)

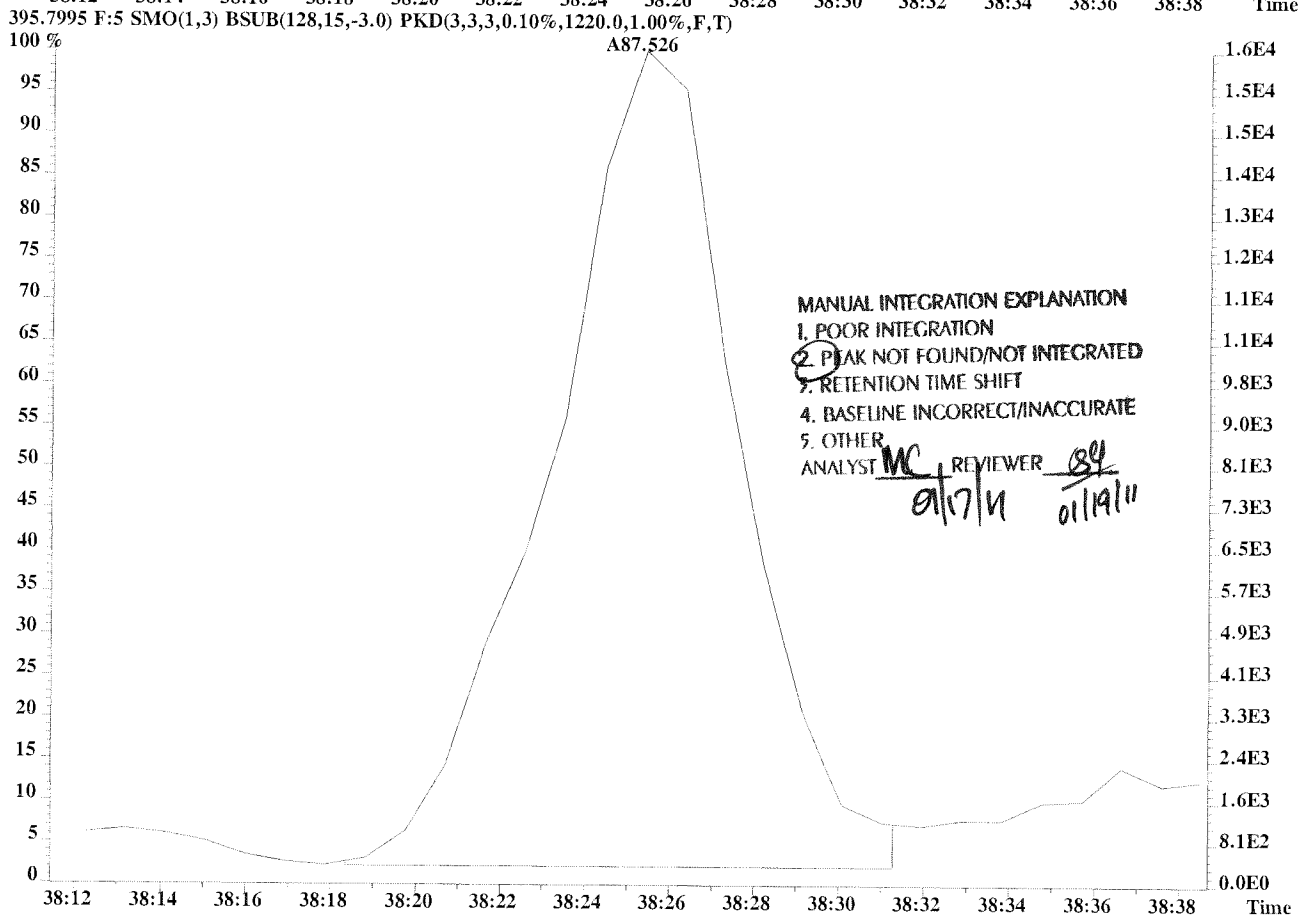
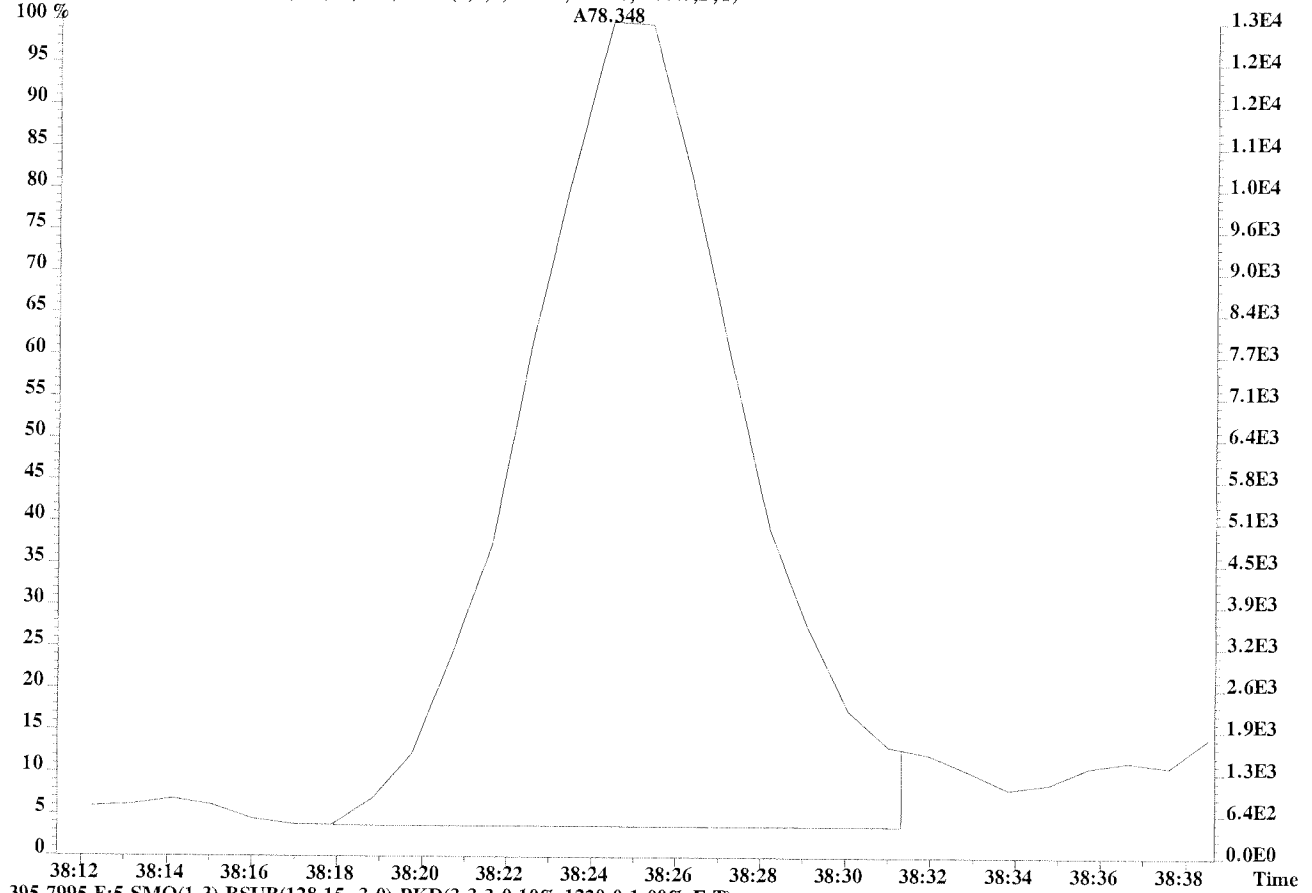




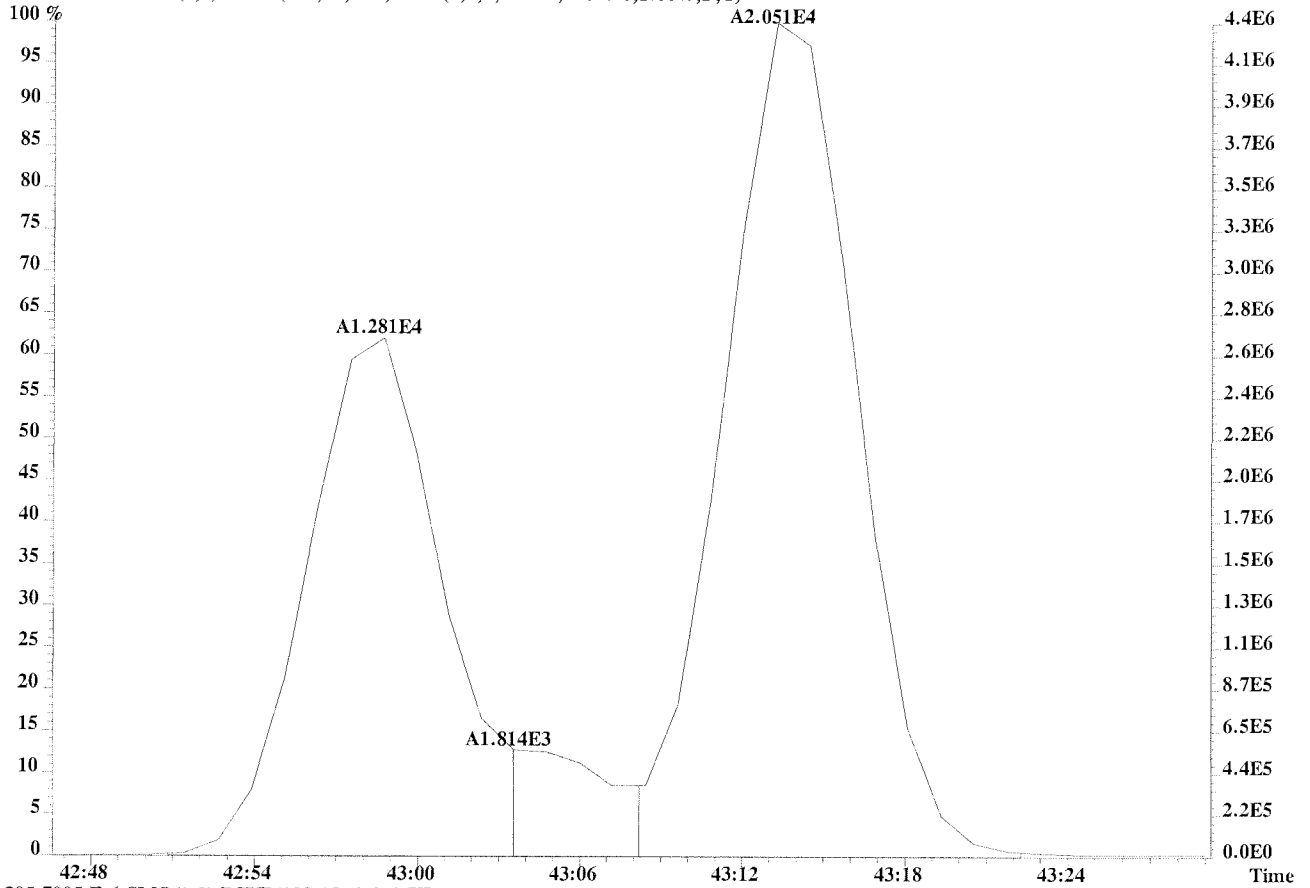
File:U224761 #1-391 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1296.0,1.00%,F,T)



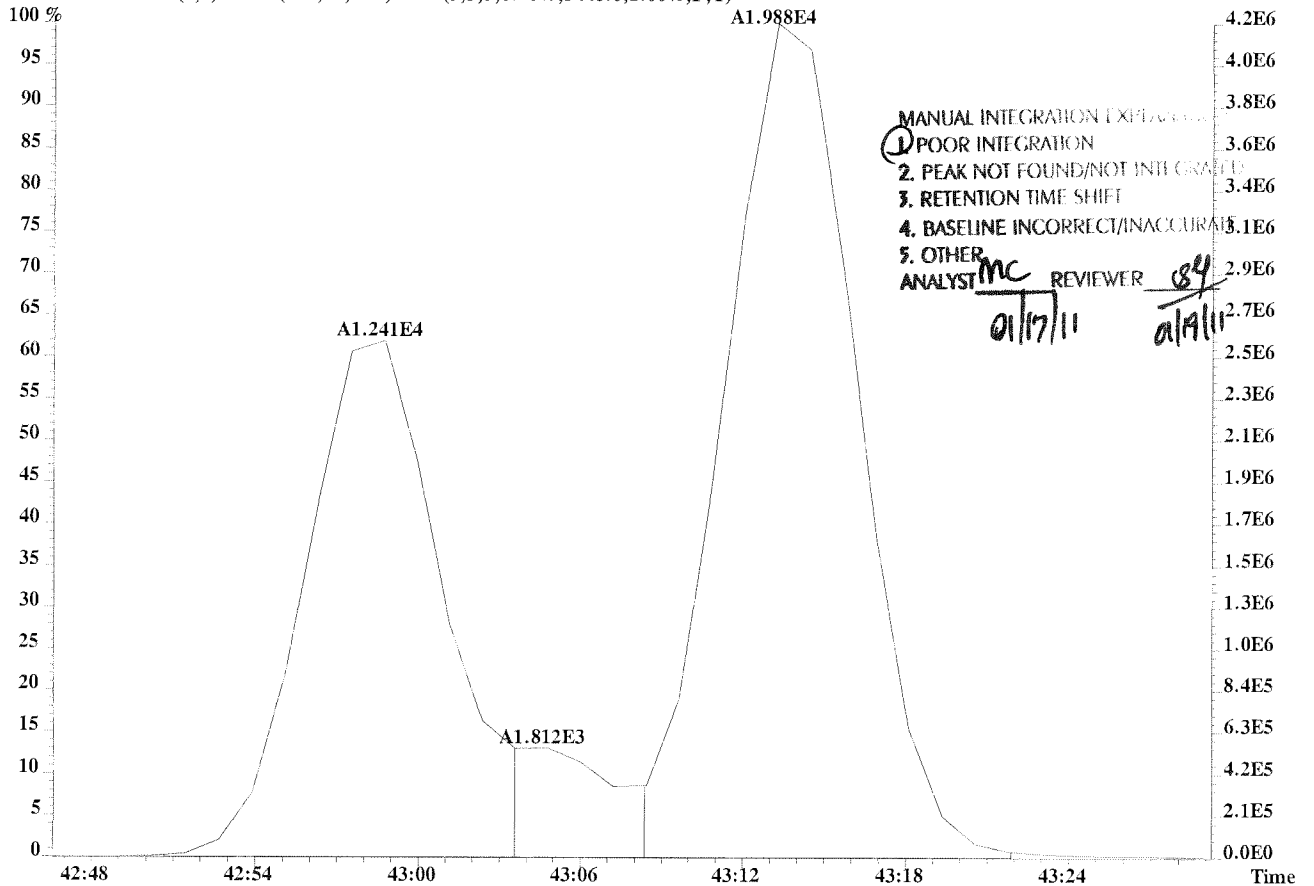
File:U224761 #1-391 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-009 USENE/W071
 393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1296.0,1.00%,F,T)



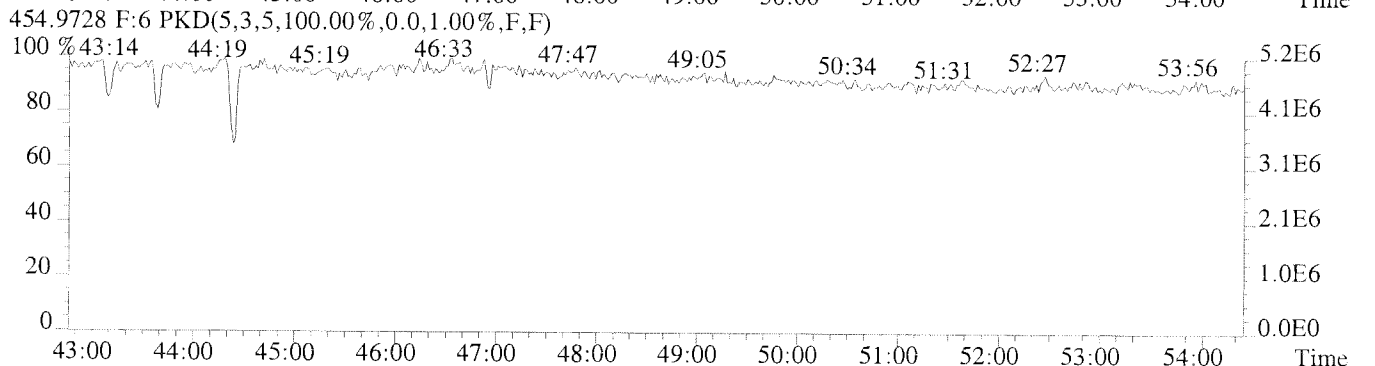
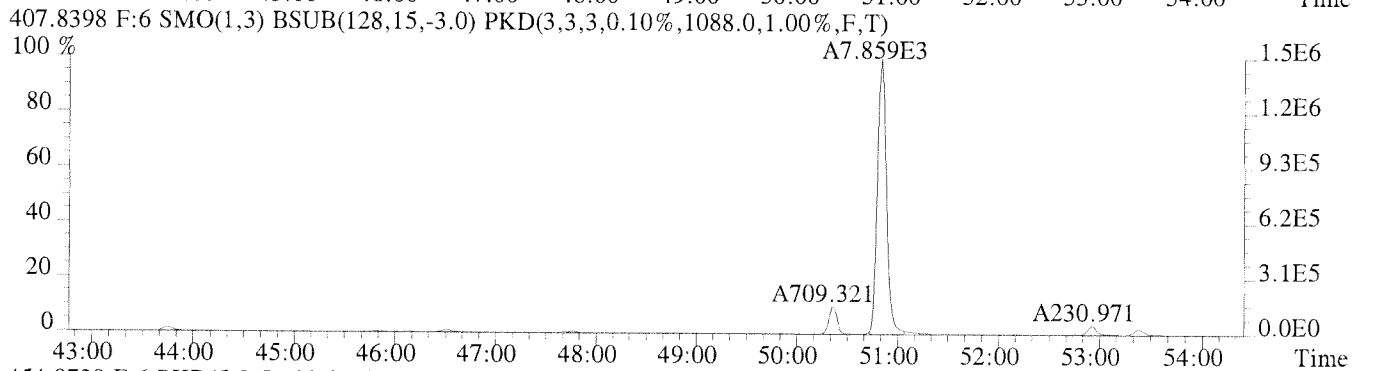
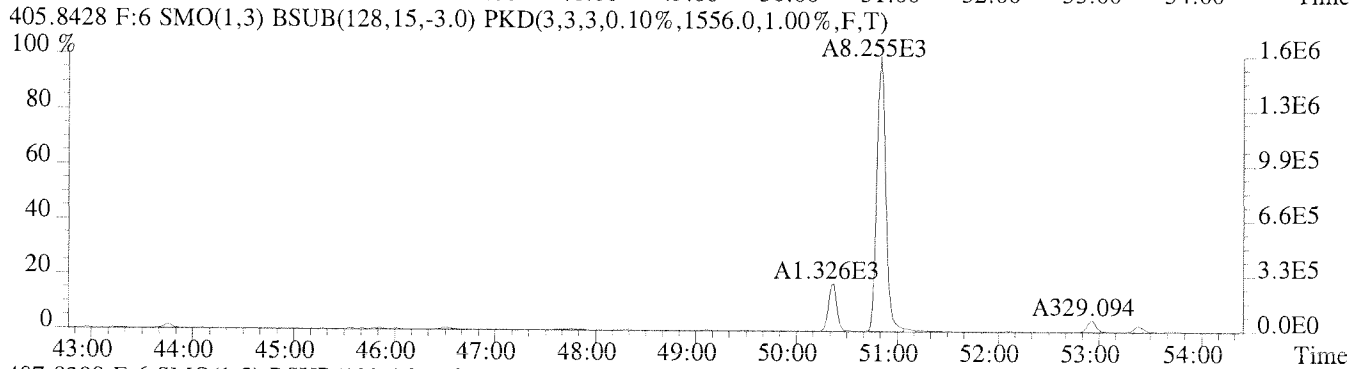
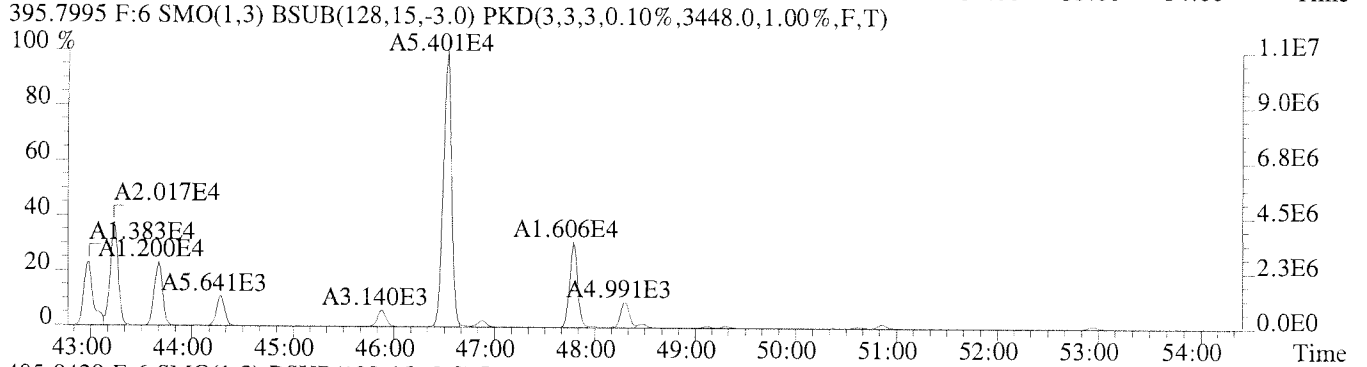
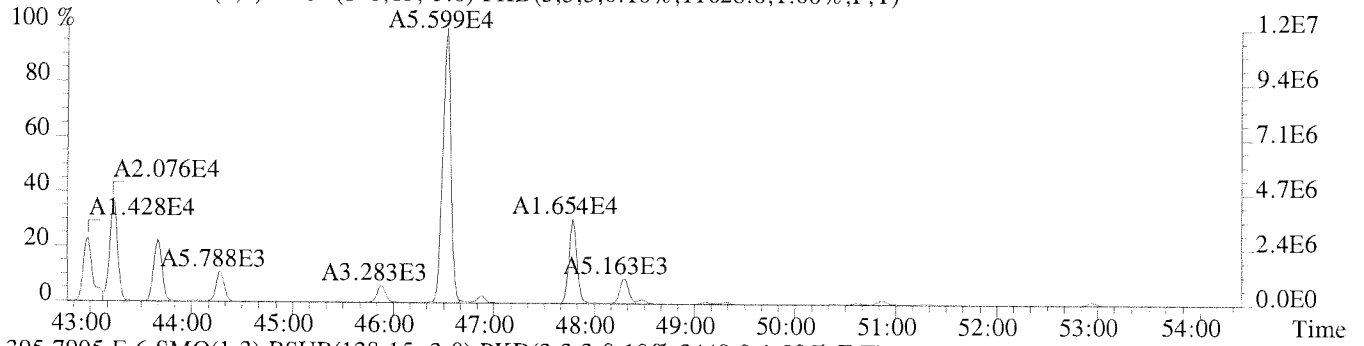
File:U224761 #1-577 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-009 USENE/W071
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11628.0,1.00%,F,T)



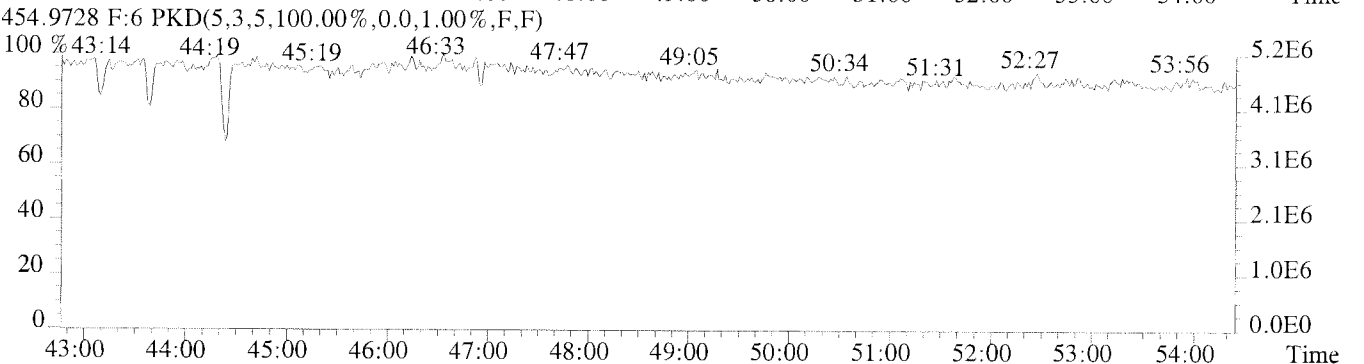
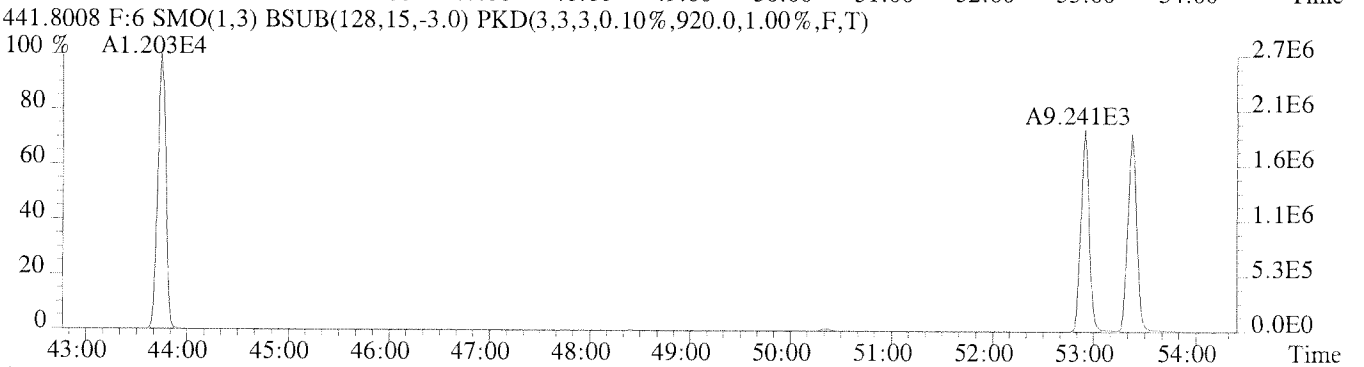
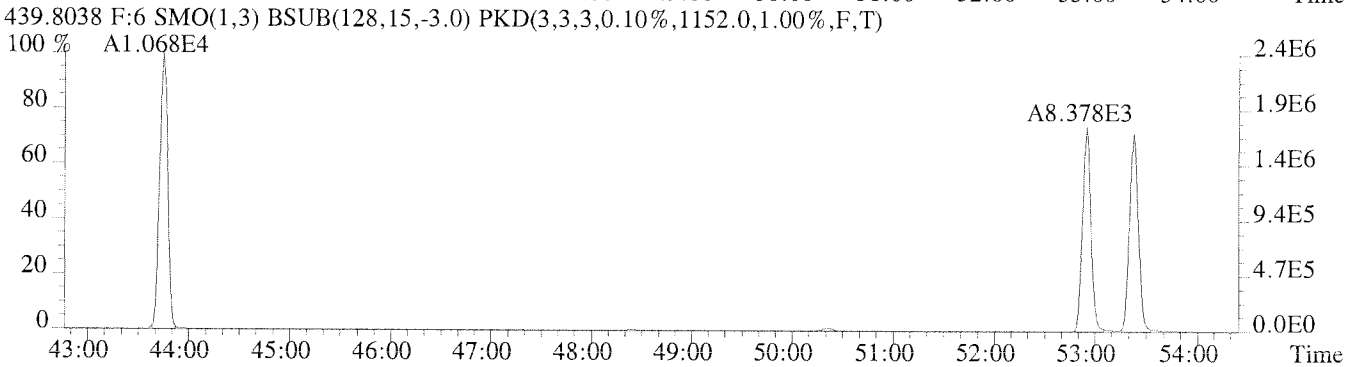
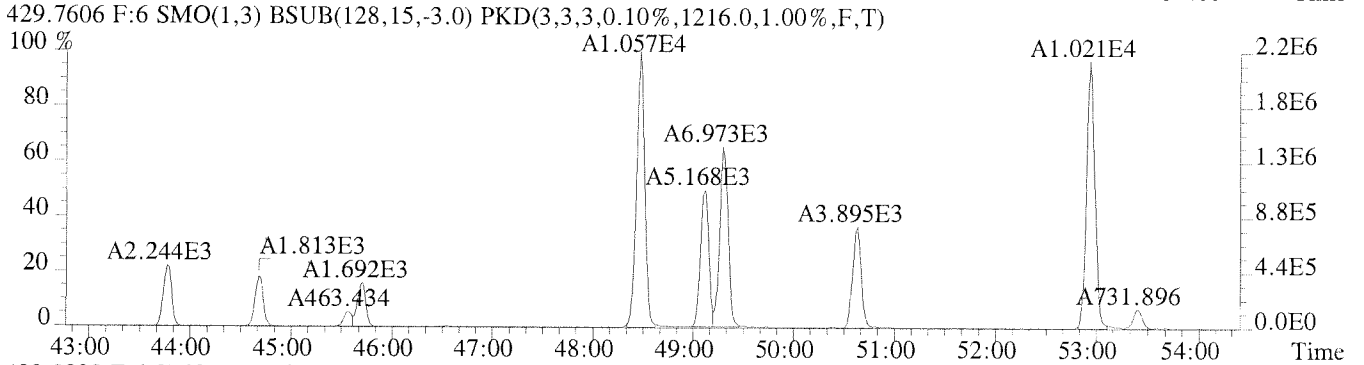
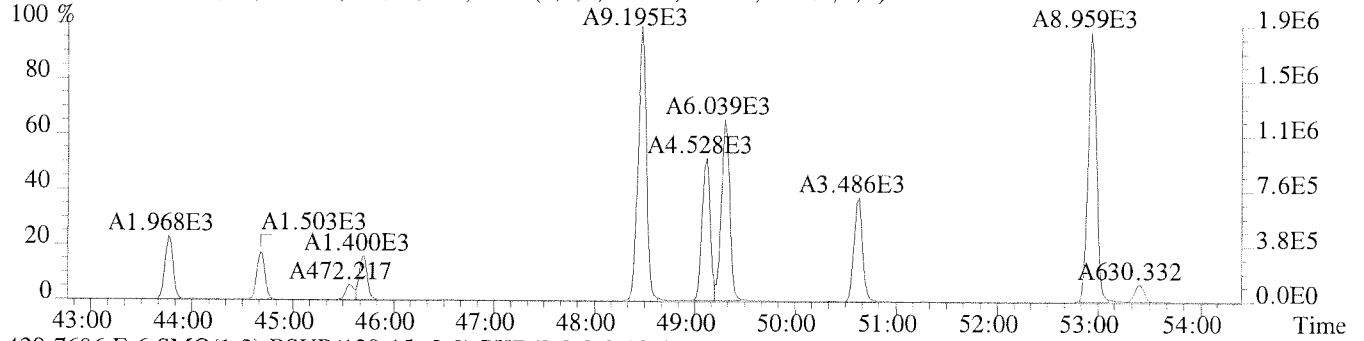
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3448.0,1.00%,F,T)



File:U224761 #1-577 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11628.0,1.00%,F,T)

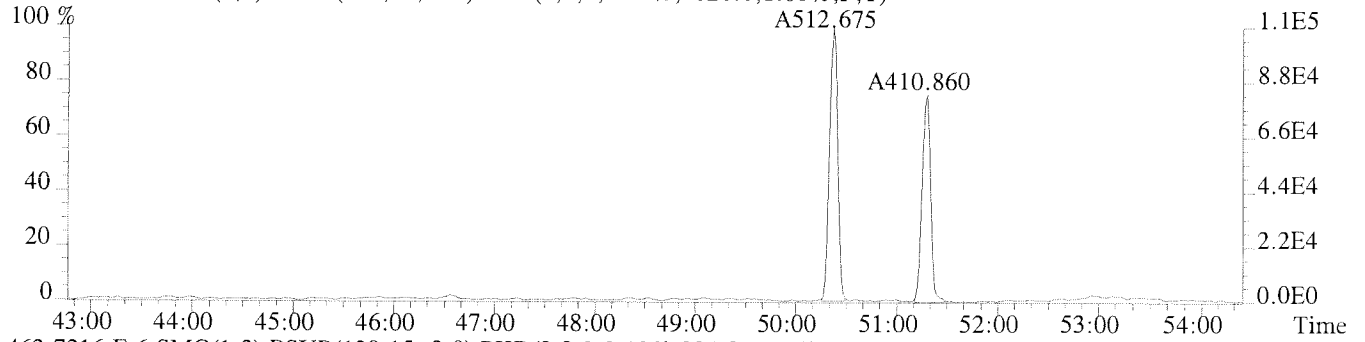


File:U224761 #1-577 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1196.0,1.00%,F,T)

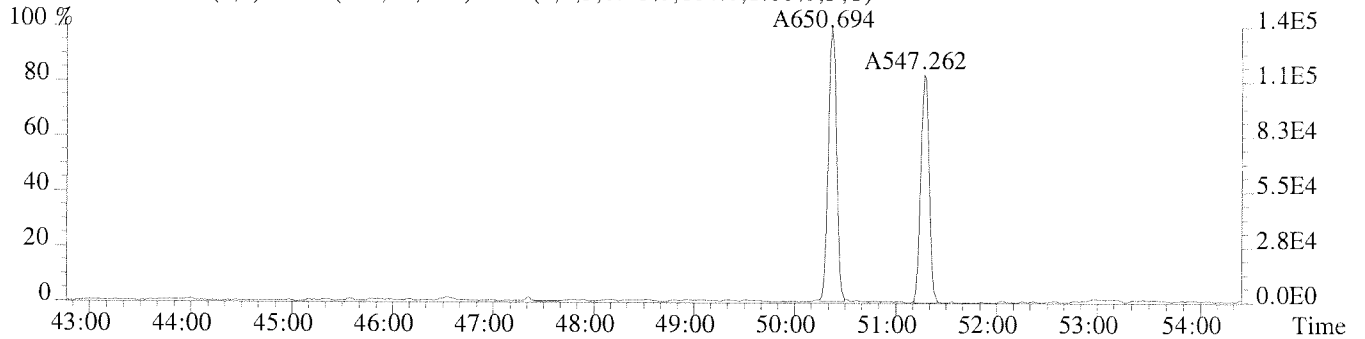


File:U224761 #1-577 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071

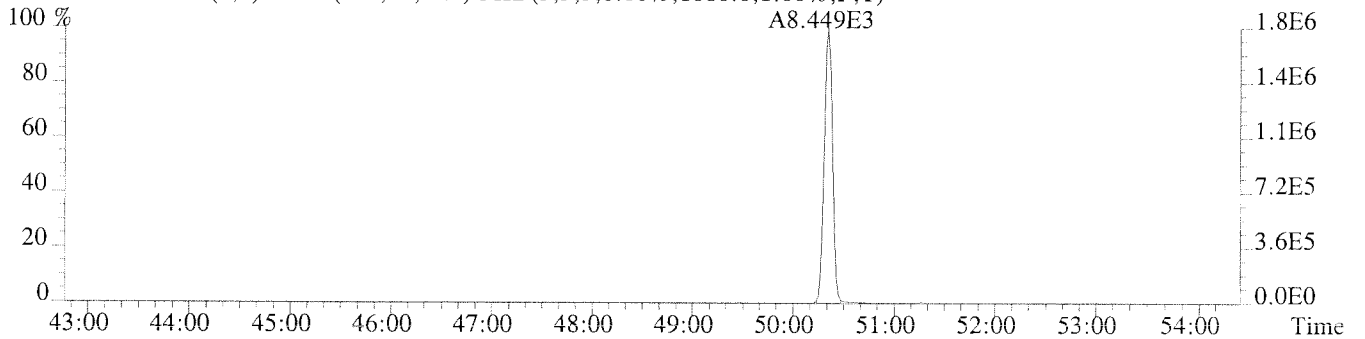
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1020.0,1.00%,F,T)



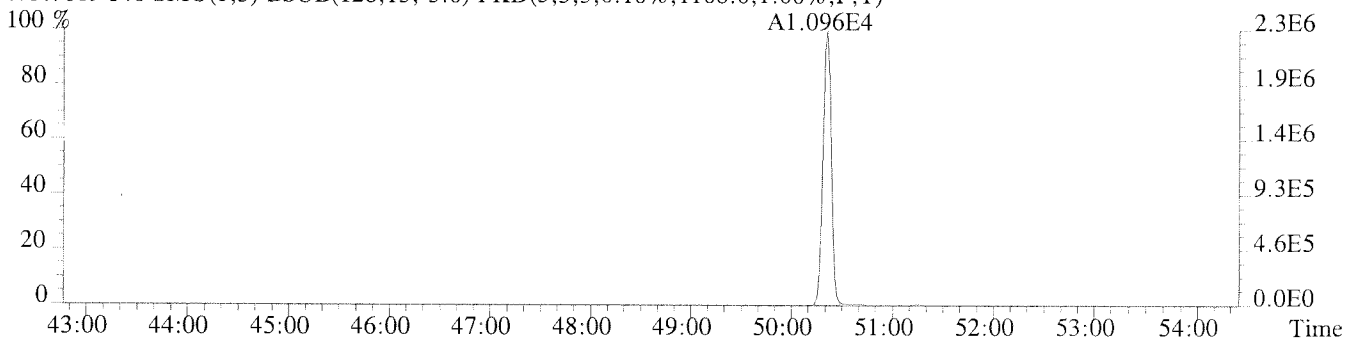
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,884.0,1.00%,F,T)



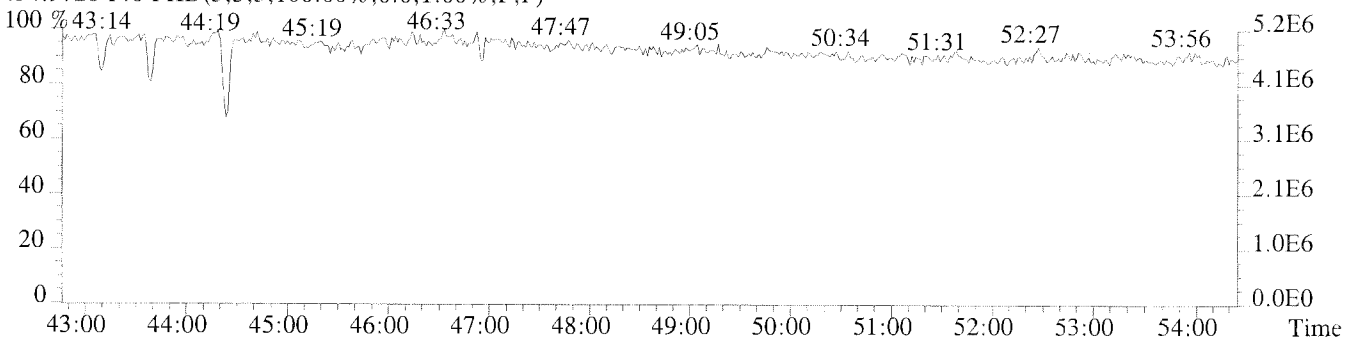
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1080.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1108.0,1.00%,F,T)



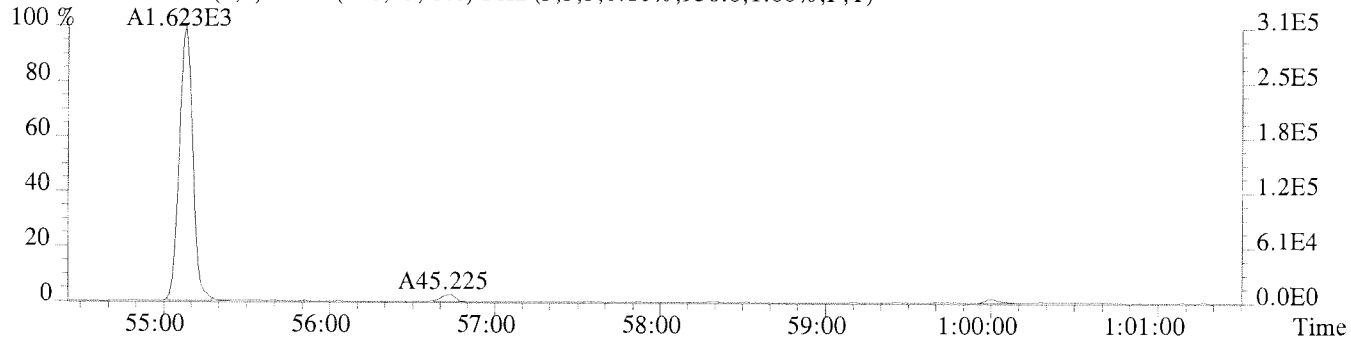
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



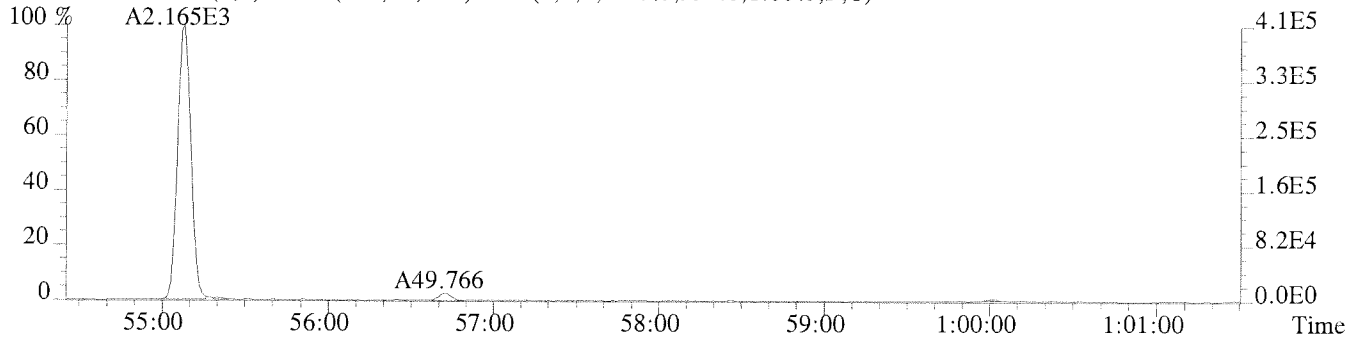
File:U224761 #1-400 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-009 USENE/W071

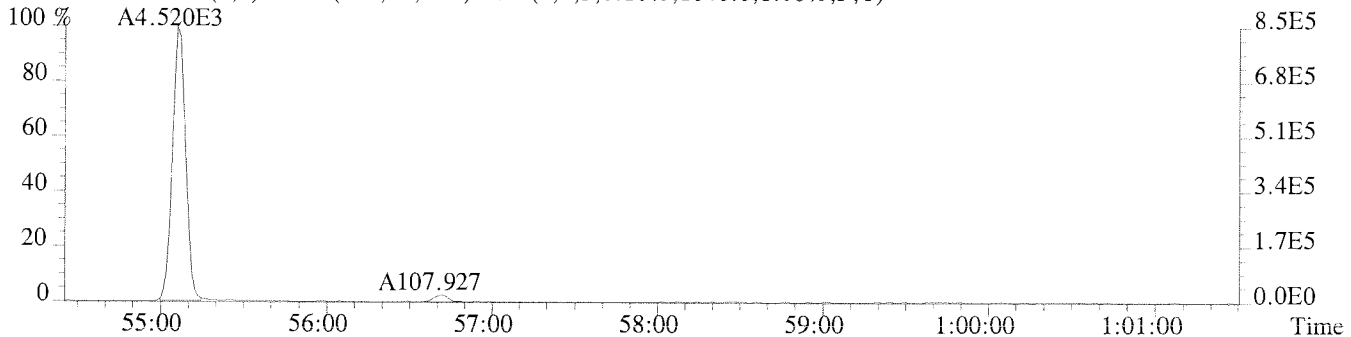
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,956.0,1.00%,F,T)



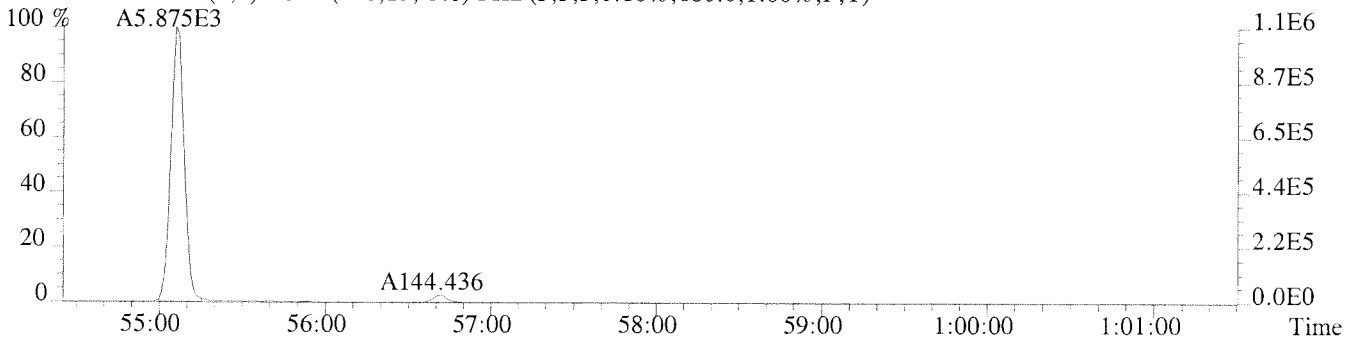
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,992.0,1.00%,F,T)



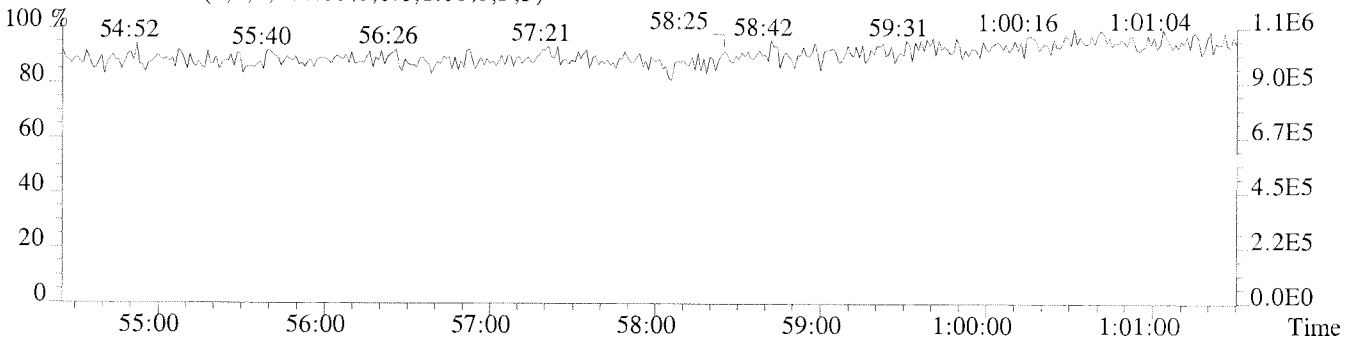
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1040.0,1.00%,F,T)



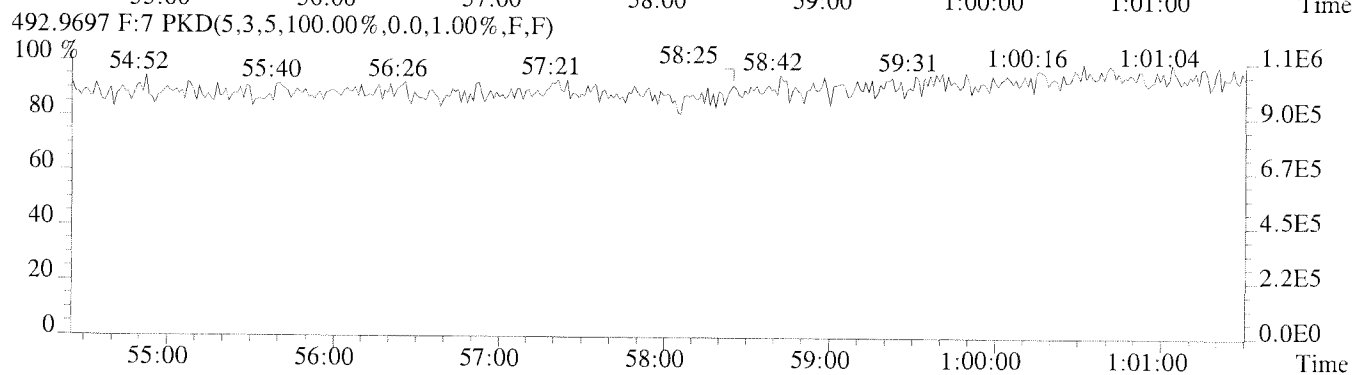
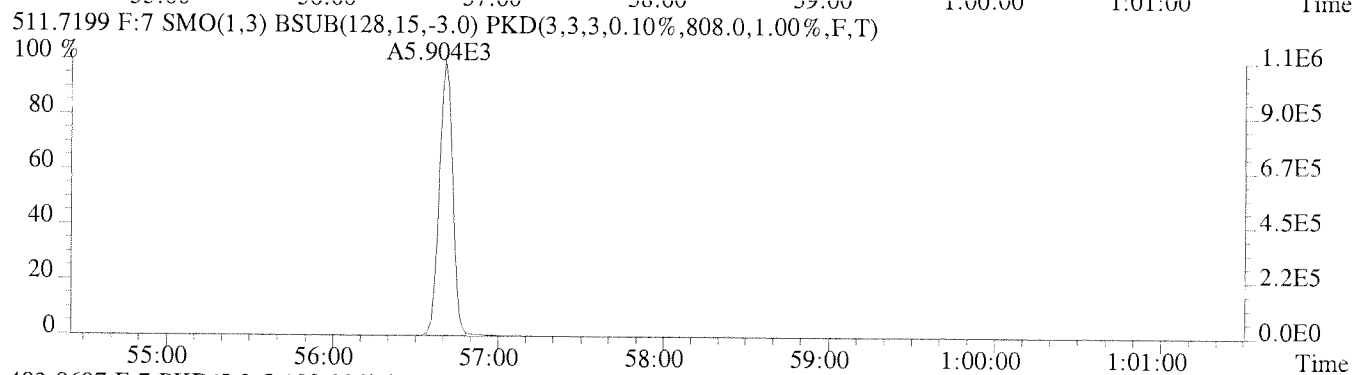
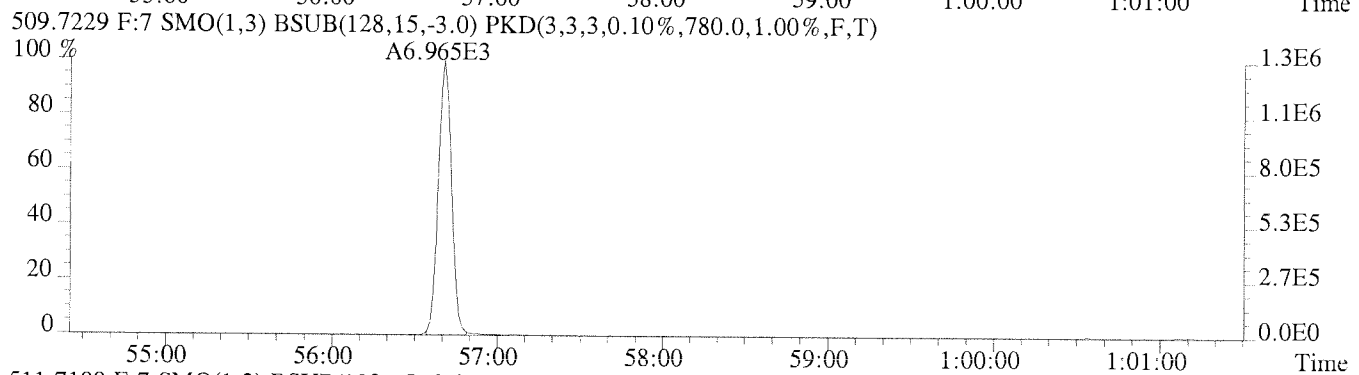
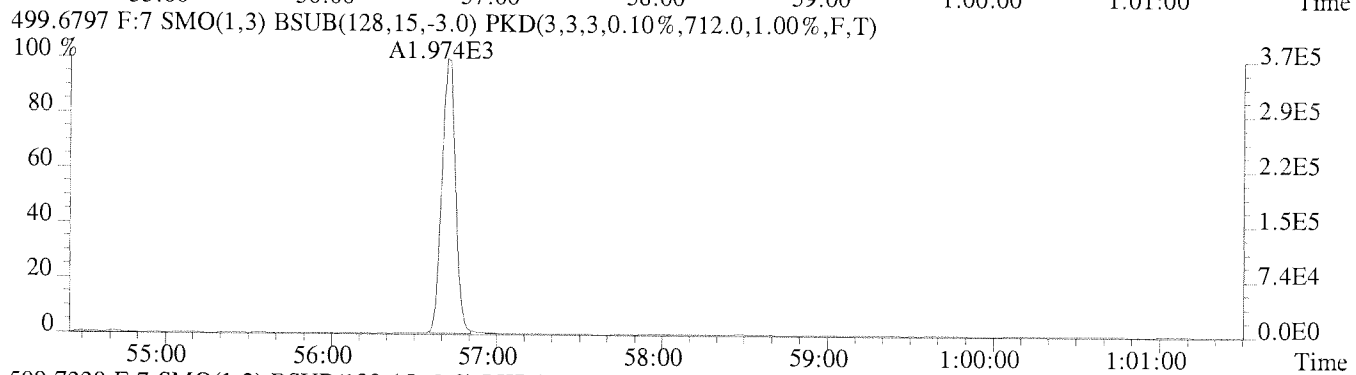
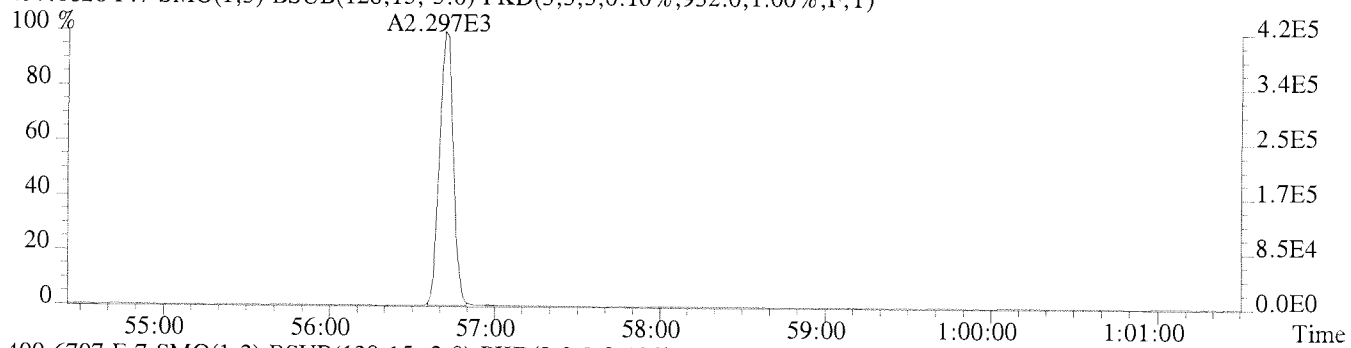
475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,680.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



File:U224761 #1-400 Acq:15-JAN-2011 15:40:58 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-009 USENE/W071
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,932.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-E/W-08-1

Run #10 Filename U224762 Samp: 1 Inj: 1 Acquired: 15-JAN-11 16:49:19
Processed: 17-JAN-11 11:08:19 Sample ID: K1013433-010

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet	Mod?	RRF
1	1	PCB-1	12:58	3.292e+03	1.056e+03	3.12	y n	1.062
2	1	PCB-2	15:01	1.523e+03	4.879e+02	3.12	y n	1.045
3	1	PCB-3	15:12	4.409e+03	1.379e+03	3.20	y n	1.057
4	1	PCB-4	15:28	6.136e+03	3.824e+03	1.60	y y	0.952
5	1	PCB-10	NotFnd	*	*	*	n n	1.347
6	2	PCB-9	17:39	2.339e+03	1.722e+03	1.36	y y	0.979
7	2	PCB-7	17:46	1.109e+03	9.135e+02	1.21	n y	0.997
8	2	PCB-6	17:58	8.093e+03	5.461e+03	1.48	y y	0.999
9	2	PCB-5	18:14	4.694e+02	4.184e+02	1.12	n y	0.877
10	2	PCB-8	18:22	3.383e+04	2.155e+04	1.57	y y	1.083
11	2	PCB-14	NotFnd	*	*	*	n y	1.010
12	2	PCB-11	20:44	1.524e+04	1.002e+04	1.52	y y	0.968
13	2	PCB-12/13	21:02	7.111e+03	4.368e+03	1.63	y y	0.985
14	2	PCB-15	21:21	4.067e+04	2.633e+04	1.54	y y	0.973
15	2	PCB-19	18:39	1.331e+03	1.364e+03	0.98	y n	1.021
16	2	PCB-18/30	20:27	2.630e+04	2.548e+04	1.03	y n	0.916
17	2	PCB-17	20:51	9.313e+03	9.330e+03	1.00	y n	0.767
18	2	PCB-27	21:04	2.345e+03	2.520e+03	0.93	y n	1.121
19	2	PCB-24	21:11	4.747e+02	5.859e+02	0.81	n n	1.011
20	2	PCB-16	21:18	9.124e+03	9.337e+03	0.98	y n	0.648
21	2	PCB-32	21:48	1.246e+04	1.241e+04	1.00	y n	1.189
22	3	PCB-34	NotFnd	*	*	*	n n	1.295
23	3	PCB-23	NotFnd	*	*	*	n n	1.210
24	3	PCB-26/29	23:30	1.599e+04	1.446e+04	1.11	y n	1.361
25	3	PCB-25	23:44	8.042e+03	7.147e+03	1.13	y n	1.530
26	3	PCB-31	24:03	1.091e+05	1.033e+05	1.06	y n	1.416
27	3	PCB-20/28	24:20	1.219e+05	1.163e+05	1.05	y n	1.290
28	3	PCB-21/33	24:35	6.918e+04	6.256e+04	1.11	y n	1.445
29	3	PCB-22	24:59	5.223e+04	4.798e+04	1.09	y n	1.225
30	3	PCB-36	NotFnd	*	*	*	n n	1.435
31	3	PCB-39	NotFnd	*	*	*	n n	1.413
32	3	PCB-38	NotFnd	*	*	*	n n	1.286
33	3	PCB-35	27:56	4.148e+03	3.295e+03	1.26	n n	1.278
34	3	PCB-37	28:20	6.844e+04	6.305e+04	1.09	y n	1.082
35	2	PCB-54	21:40	1.050e+02	1.307e+02	0.80	y y	0.963
36	3	PCB-50/53	23:47	6.708e+03	8.439e+03	0.79	y n	0.736
37	3	PCB-45/51	24:27	8.736e+03	1.130e+04	0.77	y n	0.730
38	3	PCB-46	24:46	3.013e+03	3.880e+03	0.78	y n	0.644
39	3	PCB-52	26:09	6.817e+04	8.852e+04	0.77	y n	0.781
40	3	PCB-43/73	26:24	2.489e+03	3.247e+03	0.77	y n	0.778
41	3	PCB-49/69	26:39	4.193e+04	5.445e+04	0.77	y y	0.885
42	3	PCB-48	26:55	1.510e+04	1.948e+04	0.78	y y	0.722
43	3	PCB-44/47/65	27:10	7.429e+04	9.548e+04	0.78	y y	0.814
44	3	PCB-59/62/75	27:28	8.602e+03	1.101e+04	0.78	y y	0.978
45	3	PCB-42	27:40	1.893e+04	2.436e+04	0.78	y y	0.715
46	3	PCB-40/41/71	28:11	4.767e+04	6.067e+04	0.79	y y	0.735
47	3	PCB-64	28:23	5.168e+04	6.649e+04	0.78	y y	1.052
48	3	PCB-72	29:12	4.611e+02	5.148e+02	0.90	n y	1.048
49	3	PCB-68	29:28	1.291e+02	7.374e+01	1.75	n y	1.000
50	3	PCB-57	29:54	3.294e+02	3.886e+02	0.85	y y	1.006

51	3	PCB-58	NotFnd	*	*	*	n	y	0.970
52	3	PCB-67	30:18	3.379e+03	4.447e+03	0.76	y	n	1.135
53	3	PCB-63	30:34	4.785e+03	6.195e+03	0.77	y	n	1.090
54	3	PCB-61/70/74/76	30:55	2.220e+05	2.852e+05	0.78	y	y	1.020
55	3	PCB-66	31:14	1.321e+05	1.711e+05	0.77	y	y	1.066
56	3	PCB-55	31:23	3.162e+03	3.303e+03	0.96	n	y	0.907
57	4	PCB-56	31:55	7.840e+04	1.012e+05	0.77	y	n	1.004
58	4	PCB-60	32:08	5.013e+04	6.416e+04	0.78	y	n	0.963
59	4	PCB-80	NotFnd	*	*	*	n	y	1.154
60	4	PCB-79	34:03	2.700e+03	3.421e+03	0.79	y	n	1.115
61	4	PCB-78	NotFnd	*	*	*	n	n	0.980
62	4	PCB-81	35:03	9.109e+02	1.201e+03	0.76	y	n	1.084
63	4	PCB-77	35:39	2.609e+04	3.360e+04	0.78	y	n	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:29	1.364e+03	9.023e+02	1.51	y	n	1.221
66	3	PCB-103	29:23	6.977e+02	4.701e+02	1.48	y	n	0.993
67	3	PCB-94	29:37	6.577e+02	4.219e+02	1.56	y	n	0.795
68	3	PCB-95	30:03	9.211e+04	6.076e+04	1.52	y	n	0.913
69	3	PCB-93/100	30:15	1.365e+03	8.565e+02	1.59	y	n	0.863
70	3	PCB-98/102	30:24	5.084e+03	3.295e+03	1.54	y	n	0.897
71	3	PCB-88/91	30:55	1.691e+04	1.093e+04	1.55	y	n	0.874
72	3	PCB-84	31:09	3.124e+04	2.047e+04	1.53	y	n	0.800
73	3	PCB-89	31:37	2.322e+03	1.572e+03	1.48	y	n	0.834
74	4	PCB-121	NotFnd	*	*	*	n	n	1.009
75	4	PCB-92	32:23	1.864e+04	1.229e+04	1.52	y	n	0.716
76	4	PCB-90/101/113	32:58	1.525e+05	9.958e+04	1.53	y	n	0.814
77	4	PCB-83/99	33:33	6.745e+04	4.347e+04	1.55	y	n	0.690
78	4	PCB-112	NotFnd	*	*	*	n	n	1.015
79	4	PCB-86/87/97/109/119/125	34:09	1.128e+05	7.327e+04	1.54	y	y	0.809
80	4	PCB-117	34:41	3.665e+03	2.246e+03	1.63	y	y	0.820
81	4	PCB-85/116	34:47	3.311e+04	2.151e+04	1.54	y	y	0.883
82	4	PCB-110/115	34:56	2.263e+05	1.461e+05	1.55	y	n	0.948
83	4	PCB-82	35:16	1.635e+04	1.064e+04	1.54	y	n	0.615
84	4	PCB-111	NotFnd	*	*	*	n	n	0.892
85	4	PCB-120	36:06	8.265e+02	4.935e+02	1.67	y	n	0.962
86	5	PCB-108/124	37:13	9.091e+03	5.658e+03	1.61	y	y	0.885
87	5	PCB-107	37:28	1.691e+04	1.108e+04	1.53	y	y	0.943
88	5	PCB-123	37:35	5.070e+03	2.607e+03	1.94	n	y	1.076
89	5	PCB-106	NotFnd	*	*	*	n	y	0.898
90	5	PCB-118	37:54	2.310e+05	1.478e+05	1.56	y	y	1.103
91	5	PCB-122	38:15	3.680e+03	1.836e+03	2.00	n	y	0.818
92	5	PCB-114	38:25	7.344e+03	4.551e+03	1.61	y	y	1.079
93	5	PCB-105	39:06	1.409e+05	8.895e+04	1.58	y	y	1.059
94	5	PCB-127	40:35	5.314e+02	3.543e+02	1.50	y	y	0.875
95	5	PCB-126	42:10	2.825e+03	1.770e+03	1.60	y	y	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	32:57	2.430e+02	1.728e+02	1.41	y	n	1.591
98	4	PCB-150	33:06	6.720e+02	5.635e+02	1.19	y	n	1.456
99	4	PCB-136	33:30	3.916e+04	3.228e+04	1.21	y	n	1.518
100	4	PCB-145	NotFnd	*	*	*	n	n	1.390
101	4	PCB-148	NotFnd	*	*	*	n	n	1.098
102	4	PCB-135/151	35:50	9.276e+04	7.812e+04	1.19	y	n	1.041
103	4	PCB-154	36:05	2.497e+03	2.217e+03	1.13	y	n	1.242
104	4	PCB-144	36:24	1.462e+04	1.201e+04	1.22	y	n	1.088
105	5	PCB-147/149	36:46	2.060e+05	1.649e+05	1.25	y	y	0.883
106	5	PCB-134	36:59	9.627e+03	7.567e+03	1.27	y	y	0.689
107	5	PCB-143	NotFnd	*	*	*	n	y	0.869

108	5	PCB-139/140	37:21	2.283e+03	1.860e+03	1.23	y	y	0.861
109	5	PCB-131	37:34	1.955e+03	1.522e+03	1.28	y	y	0.763
110	5	PCB-142	NotFnd	*	*	*	n	y	0.761
111	5	PCB-132	38:02	6.622e+04	5.325e+04	1.24	y	y	0.710
112	5	PCB-133	38:30	2.673e+03	2.114e+03	1.26	y	y	0.749
113	5	PCB-165	38:54	1.903e+02	1.430e+02	1.33	y	y	0.935
114	5	PCB-146	39:09	3.905e+04	3.178e+04	1.23	y	y	0.905
115	5	PCB-161	NotFnd	*	*	*	n	y	1.097
116	5	PCB-153/168	39:45	3.037e+05	2.441e+05	1.24	y	y	0.974
117	5	PCB-141	39:58	6.037e+04	4.833e+04	1.25	y	y	0.837
118	5	PCB-130	40:23	1.103e+04	8.919e+03	1.24	y	y	0.701
119	5	PCB-137	40:35	6.320e+03	5.066e+03	1.25	y	y	0.774
120	5	PCB-164	40:42	2.381e+04	1.909e+04	1.25	y	y	1.042
121	5	PCB-129/138/163	41:00	3.042e+05	2.441e+05	1.25	y	y	0.837
122	5	PCB-160	NotFnd	*	*	*	n	y	1.023
123	5	PCB-158	41:24	3.741e+04	3.001e+04	1.25	y	y	1.164
124	5	PCB-128/166	42:17	3.811e+04	3.048e+04	1.25	y	y	0.899
125	6	PCB-159	43:13	6.225e+03	5.030e+03	1.24	y	n	0.805
126	6	PCB-162	43:31	9.057e+02	7.692e+02	1.18	y	n	0.756
127	6	PCB-167	43:59	9.878e+03	8.152e+03	1.21	y	n	1.030
128	6	PCB-156/157	45:07	2.718e+04	2.164e+04	1.26	y	n	1.064
129	6	PCB-169	NotFnd	*	*	*	n	y	1.036
130	5	PCB-188	38:24	3.137e+02	2.926e+02	1.07	y	n	0.950
131	5	PCB-179	38:46	5.270e+04	5.193e+04	1.01	y	n	1.134
132	5	PCB-184	NotFnd	*	*	*	n	n	1.120
133	5	PCB-176	39:39	1.612e+04	1.604e+04	1.01	y	n	1.100
134	5	PCB-186	NotFnd	*	*	*	n	n	1.035
135	5	PCB-178	41:27	1.909e+04	1.879e+04	1.02	y	n	0.795
136	5	PCB-175	42:04	4.450e+03	4.422e+03	1.01	y	n	0.835
137	5	PCB-187	42:21	1.324e+05	1.312e+05	1.01	y	n	0.868
138	5	PCB-182	42:32	7.026e+02	6.765e+02	1.04	y	n	0.862
139	6	PCB-183	42:58	4.516e+04	4.269e+04	1.06	y	y	0.646
140	6	PCB-185	43:04	6.726e+03	6.361e+03	1.06	y	y	0.493
141	6	PCB-174	43:13	7.267e+04	6.911e+04	1.05	y	y	0.545
142	6	PCB-177	43:39	4.126e+04	3.961e+04	1.04	y	n	0.533
143	6	PCB-181	NotFnd	*	*	*	n	n	0.519
144	6	PCB-171/173	44:16	1.992e+04	1.928e+04	1.03	y	n	0.516
145	6	PCB-172	45:52	1.194e+04	1.142e+04	1.05	y	n	0.524
146	6	PCB-192	NotFnd	*	*	*	n	n	0.624
147	6	PCB-180/193	46:31	1.924e+05	1.856e+05	1.04	y	n	0.642
148	6	PCB-191	46:51	4.128e+03	4.011e+03	1.03	y	n	0.686
149	6	PCB-170	47:47	6.377e+04	6.132e+04	1.04	y	n	0.478
150	6	PCB-190	48:17	1.891e+04	1.778e+04	1.06	y	n	0.672
151	6	PCB-189	50:51	2.972e+03	2.695e+03	1.10	y	n	0.912
152	6	PCB-202	43:46	7.235e+03	8.196e+03	0.88	y	n	0.869
153	6	PCB-201	44:41	5.822e+03	6.595e+03	0.88	y	n	0.943
154	6	PCB-204	NotFnd	*	*	*	n	n	0.942
155	6	PCB-197	45:33	1.707e+03	1.865e+03	0.92	y	n	0.918
156	6	PCB-200	45:41	5.683e+03	6.343e+03	0.90	y	n	0.930
157	6	PCB-198/199	48:28	3.582e+04	4.050e+04	0.88	y	n	0.627
158	6	PCB-196	49:06	1.784e+04	2.007e+04	0.89	y	n	0.638
159	6	PCB-203	49:18	2.338e+04	2.660e+04	0.88	y	n	0.683
160	6	PCB-195	50:37	1.337e+04	1.514e+04	0.88	y	n	0.610
161	6	PCB-194	52:56	3.425e+04	3.868e+04	0.89	y	n	0.629
162	6	PCB-205	53:24	2.246e+03	2.498e+03	0.90	y	n	0.933
163	6	PCB-208	50:22	2.338e+03	2.920e+03	0.80	y	n	0.915
164	6	PCB-207	51:17	1.716e+03	2.150e+03	0.80	y	n	1.154

165	7	PCB-206	55:07	7.304e+03	9.453e+03	0.77	y	n	0.937
166	7	PCB-209	56:42	3.848e+03	3.332e+03	1.15	y	n	0.925
167	1	PCB-11L	12:58	1.887e+04	6.015e+03	3.14	y	n	1.162
168	1	PCB-3L	15:11	1.908e+04	5.838e+03	3.27	y	n	1.187
169	1	PCB-4L	15:26	1.260e+04	8.293e+03	1.52	y	n	0.907
170	2	PCB-15L	21:20	1.503e+04	9.160e+03	1.64	y	n	1.030
171	2	PCB-19L	18:39	6.433e+03	5.878e+03	1.09	y	n	0.615
172	3	PCB-37L	28:19	1.578e+04	1.409e+04	1.12	y	n	1.320
173	2	PCB-54L	21:39	1.102e+04	1.410e+04	0.78	y	n	1.261
174	4	PCB-81L	35:02	1.208e+04	1.488e+04	0.81	y	n	1.088
175	4	PCB-77L	35:37	1.272e+04	1.557e+04	0.82	y	n	1.091
176	3	PCB-104L	27:04	1.811e+04	1.186e+04	1.53	y	n	1.480
177	5	PCB-123L	37:34	1.615e+04	1.011e+04	1.60	y	n	1.214
178	5	PCB-118L	37:53	1.724e+04	1.066e+04	1.62	y	n	1.246
179	5	PCB-114L	38:24	1.720e+04	1.029e+04	1.67	y	n	1.236
180	5	PCB-105L	39:04	1.694e+04	1.051e+04	1.61	y	n	1.197
181	5	PCB-126L	42:09	1.684e+04	1.090e+04	1.54	y	n	1.105
182	4	PCB-155L	32:41	1.911e+04	1.550e+04	1.23	y	n	1.599
183	6	PCB-167L	43:58	1.108e+04	8.629e+03	1.28	y	n	1.051
184	6	PCB-156/157L	45:08	2.173e+04	1.668e+04	1.30	y	n	0.962
185	6	PCB-169L	48:21	1.026e+04	7.805e+03	1.31	y	n	0.886
186	5	PCB-188L	38:23	1.588e+04	1.546e+04	1.03	y	n	2.483
187	6	PCB-189L	50:50	9.206e+03	8.617e+03	1.07	y	n	1.503
188	6	PCB-202L	43:44	9.810e+03	1.100e+04	0.89	y	n	1.757
189	6	PCB-205L	53:23	9.267e+03	1.050e+04	0.88	y	n	1.317
190	6	PCB-208L	50:20	9.571e+03	1.238e+04	0.77	y	n	1.446
191	7	PCB-206L	55:06	5.345e+03	6.786e+03	0.79	y	n	1.176
192	7	PCB-209L	56:41	8.206e+03	7.006e+03	1.17	y	n	1.606
193	3	PCB-28L	24:19	1.583e+04	1.472e+04	1.08	y	n	1.538
194	4	PCB-111L	35:37	1.600e+04	1.028e+04	1.56	y	n	1.238
195	5	PCB-178L	41:26	1.044e+04	1.027e+04	1.02	y	n	0.895
196	2	PCB-9L	17:38	2.073e+04	1.291e+04	1.61	y	n	-
197	3	PCB-52L	26:08	1.333e+04	1.663e+04	0.80	y	n	-
198	4	PCB-101L	32:56	1.970e+04	1.259e+04	1.56	y	n	-
199	5	PCB-138L	40:58	2.093e+04	1.666e+04	1.26	y	n	-
200	6	PCB-194L	52:55	1.003e+04	1.113e+04	0.90	y	n	-

-- Sample Calculation--

$$\begin{aligned}
 & (3.848e+03 + 3.332e+03) \times 10000 \text{ pg} \times 1 \\
 \text{PCB-209} & = \frac{\text{-----}}{(8.206e+03 + 7.006e+03) \times (5.042 \text{ g}) \times (100 \text{-----}) / 100} \times 0.9245 = 1012.57 \text{ ng/kg} \\
 & \text{54} \\
 & \text{01/19/11}
 \end{aligned}$$

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spl66respa
 02/2009

Run #10 Filename U224762#1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 16:49:19

Processed: 17-JAN-11 11:08:19 LAB. ID: K1013433-010

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	6.67e+05	2.38e+03	2.8e+02	2.16e+05	1.76e+03	1.2e+02
2	PCB-2	2.49e+05	2.38e+03	1.0e+02	7.79e+04	1.76e+03	4.4e+01
3	PCB-3	6.04e+05	2.38e+03	2.5e+02	1.85e+05	1.76e+03	1.1e+02
4	PCB-4	6.28e+05	2.88e+04	2.2e+01	4.18e+05	1.39e+05	3.0e+00
5	PCB-10	*	2.88e+04	*	*	1.39e+05	*
6	PCB-9	7.21e+05	1.38e+03	5.2e+02	4.97e+05	2.45e+04	2.0e+01
7	PCB-7	3.25e+05	1.38e+03	2.3e+02	2.54e+05	2.45e+04	1.0e+01
8	PCB-6	2.16e+06	1.38e+03	1.6e+03	1.43e+06	2.45e+04	5.8e+01
9	PCB-5	1.92e+05	1.38e+03	1.4e+02	1.57e+05	2.45e+04	6.4e+00
10	PCB-8	8.13e+06	1.38e+03	5.9e+03	5.27e+06	2.45e+04	2.2e+02
11	PCB-14	*	1.38e+03	*	*	2.45e+04	*
12	PCB-11	3.10e+06	1.38e+03	2.2e+03	2.03e+06	2.45e+04	8.3e+01
13	PCB-12/13	1.31e+06	1.38e+03	9.5e+02	8.62e+05	2.45e+04	3.5e+01
14	PCB-15	8.42e+06	1.38e+03	6.1e+03	5.49e+06	2.45e+04	2.2e+02
15	PCB-19	3.36e+05	3.22e+04	1.0e+01	3.20e+05	3.73e+03	8.6e+01
16	PCB-18/30	6.19e+06	3.22e+04	1.9e+02	5.97e+06	3.73e+03	1.6e+03
17	PCB-17	2.17e+06	3.22e+04	6.7e+01	2.13e+06	3.73e+03	5.7e+02
18	PCB-27	5.44e+05	3.22e+04	1.7e+01	5.57e+05	3.73e+03	1.5e+02
19	PCB-24	1.22e+05	3.22e+04	3.8e+00	1.43e+05	3.73e+03	3.8e+01
20	PCB-16	2.10e+06	3.22e+04	6.5e+01	2.08e+06	3.73e+03	5.6e+02
21	PCB-32	2.89e+06	3.22e+04	9.0e+01	2.82e+06	3.73e+03	7.5e+02
22	PCB-34	*	2.41e+04	*	*	2.14e+05	*
23	PCB-23	*	2.41e+04	*	*	2.14e+05	*
24	PCB-26/29	3.13e+06	2.41e+04	1.3e+02	2.94e+06	2.14e+05	1.4e+01
25	PCB-25	1.45e+06	2.41e+04	6.0e+01	1.39e+06	2.14e+05	6.5e+00
26	PCB-31	2.12e+07	2.41e+04	8.8e+02	2.06e+07	2.14e+05	9.6e+01
27	PCB-20/28	2.20e+07	2.41e+04	9.1e+02	2.15e+07	2.14e+05	1.0e+02
28	PCB-21/33	1.25e+07	2.41e+04	5.2e+02	1.21e+07	2.14e+05	5.7e+01
29	PCB-22	9.47e+06	2.41e+04	3.9e+02	9.01e+06	2.14e+05	4.2e+01
30	PCB-36	*	2.41e+04	*	*	2.14e+05	*
31	PCB-39	*	2.41e+04	*	*	2.14e+05	*
32	PCB-38	*	2.41e+04	*	*	2.14e+05	*
33	PCB-35	7.72e+05	2.41e+04	3.2e+01	6.67e+05	2.14e+05	3.1e+00
34	PCB-37	1.12e+07	2.41e+04	4.7e+02	1.07e+07	2.14e+05	5.0e+01
35	PCB-54	2.54e+04	1.65e+03	1.5e+01	3.01e+04	1.71e+03	1.8e+01
36	PCB-50/53	1.36e+06	1.56e+03	8.7e+02	1.75e+06	1.55e+03	1.1e+03
37	PCB-45/51	1.35e+06	1.56e+03	8.7e+02	1.80e+06	1.55e+03	1.2e+03
38	PCB-46	6.01e+05	1.56e+03	3.9e+02	7.69e+05	1.55e+03	5.0e+02
39	PCB-52	1.33e+07	1.56e+03	8.5e+03	1.74e+07	1.55e+03	1.1e+04
40	PCB-43/73	4.42e+05	1.56e+03	2.8e+02	5.77e+05	1.55e+03	3.7e+02
41	PCB-49/69	8.05e+06	1.56e+03	5.2e+03	1.04e+07	1.55e+03	6.7e+03
42	PCB-48	2.84e+06	1.56e+03	1.8e+03	3.62e+06	1.55e+03	2.3e+03
43	PCB-44/47/65	1.32e+07	1.56e+03	8.5e+03	1.69e+07	1.55e+03	1.1e+04
44	PCB-59/62/75	1.58e+06	1.56e+03	1.0e+03	2.02e+06	1.55e+03	1.3e+03
45	PCB-42	3.62e+06	1.56e+03	2.3e+03	4.71e+06	1.55e+03	3.0e+03
46	PCB-40/41/71	7.72e+06	1.56e+03	4.9e+03	9.84e+06	1.55e+03	6.3e+03
47	PCB-64	9.51e+06	1.56e+03	6.1e+03	1.24e+07	1.55e+03	8.0e+03

48	PCB-72	1.00e+05	1.56e+03	6.4e+01	1.23e+05	1.55e+03	7.9e+01
49	PCB-68	3.27e+04	1.56e+03	2.1e+01	2.56e+04	1.55e+03	1.7e+01
50	PCB-57	7.57e+04	1.56e+03	4.9e+01	1.01e+05	1.55e+03	6.5e+01
51	PCB-58	*	1.56e+03	*	*	1.55e+03	*
52	PCB-67	5.94e+05	1.56e+03	3.8e+02	7.73e+05	1.55e+03	5.0e+02
53	PCB-63	8.82e+05	1.56e+03	5.7e+02	1.14e+06	1.55e+03	7.4e+02
54	PCB-61/70/74/76	2.97e+07	1.56e+03	1.9e+04	3.81e+07	1.55e+03	2.5e+04
55	PCB-66	2.31e+07	1.56e+03	1.5e+04	2.98e+07	1.55e+03	1.9e+04
56	PCB-55	6.11e+05	1.56e+03	3.9e+02	7.42e+05	1.55e+03	4.8e+02
57	PCB-56	1.41e+07	3.57e+04	3.9e+02	1.81e+07	4.58e+04	4.0e+02
58	PCB-60	8.59e+06	3.57e+04	2.4e+02	1.09e+07	4.58e+04	2.4e+02
59	PCB-80	*	3.57e+04	*	*	4.58e+04	*
60	PCB-79	5.04e+05	3.57e+04	1.4e+01	6.16e+05	4.58e+04	1.3e+01
61	PCB-78	*	3.57e+04	*	*	4.58e+04	*
62	PCB-81	1.71e+05	3.57e+04	4.8e+00	2.39e+05	4.58e+04	5.2e+00
63	PCB-77	4.48e+06	3.57e+04	1.3e+02	5.76e+06	4.58e+04	1.3e+02
64	PCB-104	*	1.13e+03	*	*	1.33e+03	*
65	PCB-96	2.66e+05	1.13e+03	2.3e+02	1.78e+05	1.33e+03	1.3e+02
66	PCB-103	1.32e+05	1.13e+03	1.2e+02	9.79e+04	1.33e+03	7.3e+01
67	PCB-94	1.24e+05	1.13e+03	1.1e+02	8.03e+04	1.33e+03	6.0e+01
68	PCB-95	1.72e+07	1.13e+03	1.5e+04	1.14e+07	1.33e+03	8.6e+03
69	PCB-93/100	2.25e+05	1.13e+03	2.0e+02	1.38e+05	1.33e+03	1.0e+02
70	PCB-98/102	8.79e+05	1.13e+03	7.8e+02	5.64e+05	1.33e+03	4.2e+02
71	PCB-88/91	3.13e+06	1.13e+03	2.8e+03	2.05e+06	1.33e+03	1.5e+03
72	PCB-84	5.84e+06	1.13e+03	5.2e+03	3.83e+06	1.33e+03	2.9e+03
73	PCB-89	4.55e+05	1.13e+03	4.0e+02	3.06e+05	1.33e+03	2.3e+02
74	PCB-121	*	2.07e+04	*	*	1.58e+04	*
75	PCB-92	3.49e+06	2.07e+04	1.7e+02	2.30e+06	1.58e+04	1.5e+02
76	PCB-90/101/113	2.84e+07	2.07e+04	1.4e+03	1.86e+07	1.58e+04	1.2e+03
77	PCB-83/99	1.14e+07	2.07e+04	5.5e+02	7.31e+06	1.58e+04	4.6e+02
78	PCB-112	*	2.07e+04	*	*	1.58e+04	*
79	CB-86/87/97/109/119/125	1.18e+07	2.07e+04	5.7e+02	7.65e+06	1.58e+04	4.8e+02
80	PCB-117	9.72e+05	2.07e+04	4.7e+01	5.97e+05	1.58e+04	3.8e+01
81	PCB-85/116	5.92e+06	2.07e+04	2.9e+02	3.77e+06	1.58e+04	2.4e+02
82	PCB-110/115	3.95e+07	2.07e+04	1.9e+03	2.56e+07	1.58e+04	1.6e+03
83	PCB-82	2.60e+06	2.07e+04	1.3e+02	1.64e+06	1.58e+04	1.0e+02
84	PCB-111	*	2.07e+04	*	*	1.58e+04	*
85	PCB-120	1.64e+05	2.07e+04	7.9e+00	9.23e+04	1.58e+04	5.8e+00
86	PCB-108/124	1.69e+06	8.61e+03	2.0e+02	1.07e+06	7.63e+03	1.4e+02
87	PCB-107	3.10e+06	8.61e+03	3.6e+02	1.95e+06	7.63e+03	2.6e+02
88	PCB-123	9.46e+05	8.61e+03	1.1e+02	5.83e+05	7.63e+03	7.6e+01
89	PCB-106	*	8.61e+03	*	*	7.63e+03	*
90	PCB-118	3.97e+07	8.61e+03	4.6e+03	2.54e+07	7.63e+03	3.3e+03
91	PCB-122	6.64e+05	8.61e+03	7.7e+01	3.94e+05	7.63e+03	5.2e+01
92	PCB-114	1.28e+06	8.61e+03	1.5e+02	8.08e+05	7.63e+03	1.1e+02
93	PCB-105	2.41e+07	8.61e+03	2.8e+03	1.53e+07	7.63e+03	2.0e+03
94	PCB-127	8.67e+04	8.61e+03	1.0e+01	5.70e+04	7.63e+03	7.5e+00
95	PCB-126	4.40e+05	8.61e+03	5.1e+01	2.90e+05	7.63e+03	3.8e+01
96	PCB-155	*	6.77e+03	*	*	7.87e+03	*
97	PCB-152	4.98e+04	6.77e+03	7.4e+00	3.41e+04	7.87e+03	4.3e+00
98	PCB-150	1.18e+05	6.77e+03	1.7e+01	1.03e+05	7.87e+03	1.3e+01
99	PCB-136	7.41e+06	6.77e+03	1.1e+03	6.12e+06	7.87e+03	7.8e+02
100	PCB-145	*	6.77e+03	*	*	7.87e+03	*
101	PCB-148	*	6.77e+03	*	*	7.87e+03	*
102	PCB-135/151	1.26e+07	6.77e+03	1.9e+03	1.06e+07	7.87e+03	1.3e+03
103	PCB-154	4.49e+05	6.77e+03	6.6e+01	3.95e+05	7.87e+03	5.0e+01
104	PCB-144	2.70e+06	6.77e+03	4.0e+02	2.24e+06	7.87e+03	2.8e+02

105	PCB-147/149	3.69e+07	1.30e+04	2.8e+03	2.96e+07	1.06e+04	2.8e+03
106	PCB-134	1.66e+06	1.30e+04	1.3e+02	1.33e+06	1.06e+04	1.3e+02
107	PCB-143	*	1.30e+04	*	*	1.06e+04	*
108	PCB-139/140	4.00e+05	1.30e+04	3.1e+01	3.28e+05	1.06e+04	3.1e+01
109	PCB-131	3.61e+05	1.30e+04	2.8e+01	2.83e+05	1.06e+04	2.7e+01
110	PCB-142	*	1.30e+04	*	*	1.06e+04	*
111	PCB-132	1.21e+07	1.30e+04	9.3e+02	9.71e+06	1.06e+04	9.2e+02
112	PCB-133	4.83e+05	1.30e+04	3.7e+01	3.89e+05	1.06e+04	3.7e+01
113	PCB-165	3.42e+04	1.30e+04	2.6e+00	3.08e+04	1.06e+04	2.9e+00
114	PCB-146	7.19e+06	1.30e+04	5.5e+02	5.83e+06	1.06e+04	5.5e+02
115	PCB-161	*	1.30e+04	*	*	1.06e+04	*
116	PCB-153/168	5.53e+07	1.30e+04	4.3e+03	4.46e+07	1.06e+04	4.2e+03
117	PCB-141	1.07e+07	1.30e+04	8.3e+02	8.53e+06	1.06e+04	8.0e+02
118	PCB-130	2.02e+06	1.30e+04	1.6e+02	1.64e+06	1.06e+04	1.5e+02
119	PCB-137	1.28e+06	1.30e+04	9.8e+01	1.00e+06	1.06e+04	9.5e+01
120	PCB-164	4.36e+06	1.30e+04	3.4e+02	3.45e+06	1.06e+04	3.3e+02
121	PCB-129/138/163	5.23e+07	1.30e+04	4.0e+03	4.21e+07	1.06e+04	4.0e+03
122	PCB-160	*	1.30e+04	*	*	1.06e+04	*
123	PCB-158	6.46e+06	1.30e+04	5.0e+02	5.18e+06	1.06e+04	4.9e+02
124	PCB-128/166	5.63e+06	1.30e+04	4.3e+02	4.49e+06	1.06e+04	4.2e+02
125	PCB-159	1.35e+06	3.38e+03	4.0e+02	1.12e+06	2.25e+04	5.0e+01
126	PCB-162	2.18e+05	3.38e+03	6.4e+01	1.88e+05	2.25e+04	8.3e+00
127	PCB-167	2.10e+06	3.38e+03	6.2e+02	1.76e+06	2.25e+04	7.8e+01
128	PCB-156/157	5.09e+06	3.38e+03	1.5e+03	4.08e+06	2.25e+04	1.8e+02
129	PCB-169	*	3.38e+03	*	*	2.25e+04	*
130	PCB-188	6.37e+04	1.65e+03	3.9e+01	6.13e+04	1.28e+03	4.8e+01
131	PCB-179	9.55e+06	1.65e+03	5.8e+03	9.47e+06	1.28e+03	7.4e+03
132	PCB-184	*	1.65e+03	*	*	1.28e+03	*
133	PCB-176	2.90e+06	1.65e+03	1.8e+03	2.88e+06	1.28e+03	2.2e+03
134	PCB-186	*	1.65e+03	*	*	1.28e+03	*
135	PCB-178	3.46e+06	1.65e+03	2.1e+03	3.40e+06	1.28e+03	2.7e+03
136	PCB-175	8.07e+05	1.65e+03	4.9e+02	8.06e+05	1.28e+03	6.3e+02
137	PCB-187	2.34e+07	1.65e+03	1.4e+04	2.33e+07	1.28e+03	1.8e+04
138	PCB-182	1.19e+05	1.65e+03	7.2e+01	1.19e+05	1.28e+03	9.3e+01
139	PCB-183	9.72e+06	1.66e+04	5.9e+02	9.22e+06	1.00e+04	9.2e+02
140	PCB-185	2.02e+06	1.66e+04	1.2e+02	1.91e+06	1.00e+04	1.9e+02
141	PCB-174	1.57e+07	1.66e+04	9.5e+02	1.49e+07	1.00e+04	1.5e+03
142	PCB-177	8.99e+06	1.66e+04	5.4e+02	8.60e+06	1.00e+04	8.6e+02
143	PCB-181	*	1.66e+04	*	*	1.00e+04	*
144	PCB-171/173	4.34e+06	1.66e+04	2.6e+02	4.18e+06	1.00e+04	4.2e+02
145	PCB-172	2.61e+06	1.66e+04	1.6e+02	2.47e+06	1.00e+04	2.5e+02
146	PCB-192	*	1.66e+04	*	*	1.00e+04	*
147	PCB-180/193	4.05e+07	1.66e+04	2.4e+03	3.92e+07	1.00e+04	3.9e+03
148	PCB-191	8.66e+05	1.66e+04	5.2e+01	8.43e+05	1.00e+04	8.4e+01
149	PCB-170	1.35e+07	1.66e+04	8.1e+02	1.30e+07	1.00e+04	1.3e+03
150	PCB-190	4.05e+06	1.66e+04	2.4e+02	3.78e+06	1.00e+04	3.8e+02
151	PCB-189	6.05e+05	1.66e+04	3.6e+01	5.54e+05	1.00e+04	5.5e+01
152	PCB-202	1.55e+06	1.86e+03	8.3e+02	1.77e+06	1.58e+03	1.1e+03
153	PCB-201	1.27e+06	1.86e+03	6.9e+02	1.42e+06	1.58e+03	9.0e+02
154	PCB-204	*	1.86e+03	*	*	1.58e+03	*
155	PCB-197	3.84e+05	1.86e+03	2.1e+02	4.16e+05	1.58e+03	2.6e+02
156	PCB-200	1.21e+06	1.86e+03	6.5e+02	1.35e+06	1.58e+03	8.6e+02
157	PCB-198/199	7.31e+06	1.86e+03	3.9e+03	8.19e+06	1.58e+03	5.2e+03
158	PCB-196	3.84e+06	1.86e+03	2.1e+03	4.34e+06	1.58e+03	2.8e+03
159	PCB-203	4.93e+06	1.86e+03	2.7e+03	5.66e+06	1.58e+03	3.6e+03
160	PCB-195	2.87e+06	1.86e+03	1.5e+03	3.22e+06	1.58e+03	2.0e+03
161	PCB-194	7.26e+06	1.86e+03	3.9e+03	8.20e+06	1.58e+03	5.2e+03
162	PCB-205	4.71e+05	1.86e+03	2.5e+02	5.30e+05	1.58e+03	3.4e+02

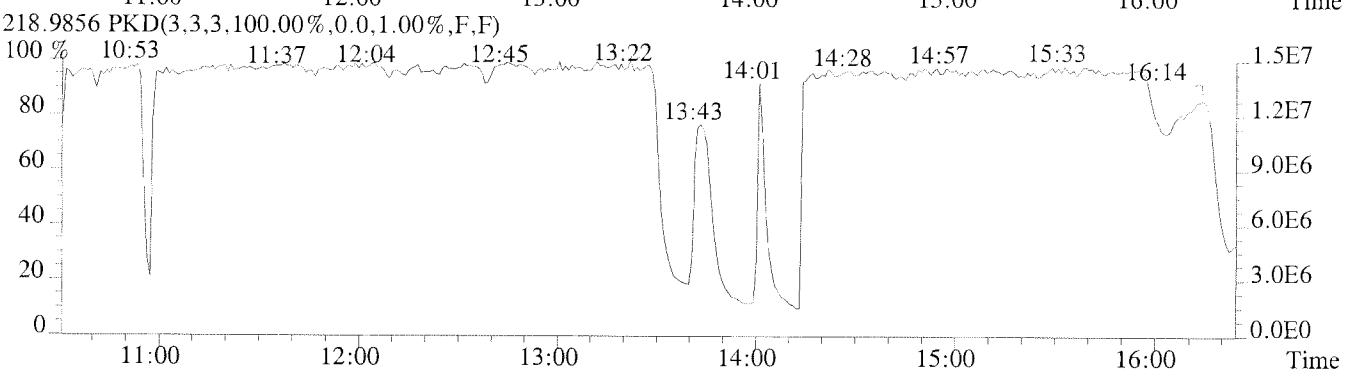
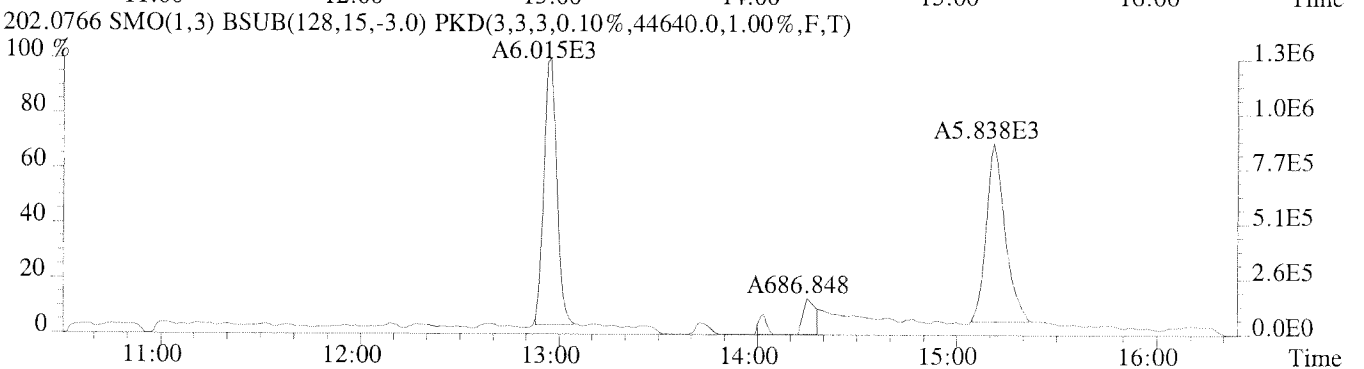
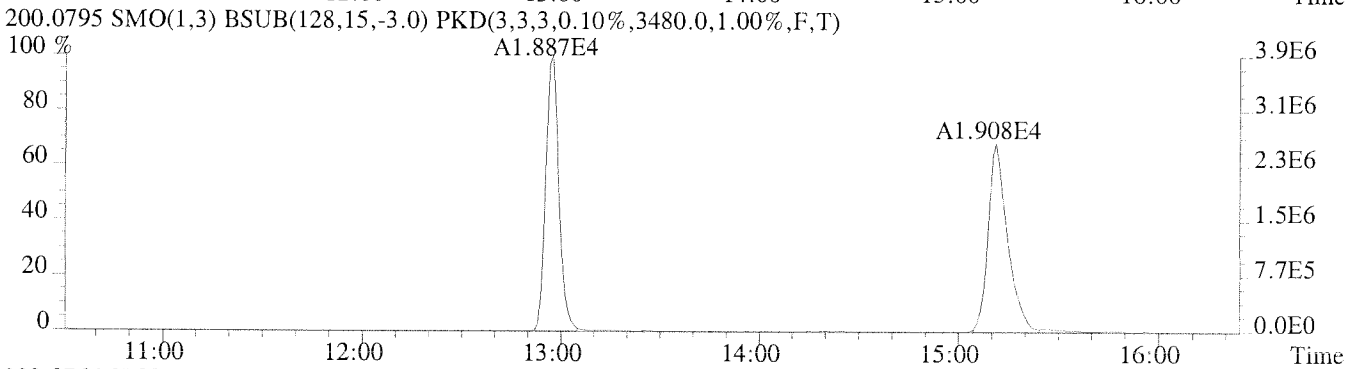
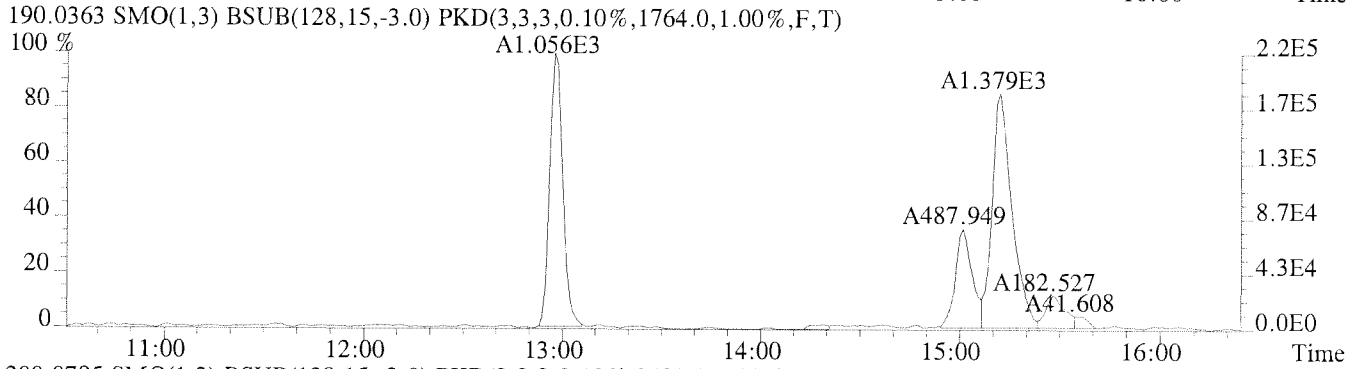
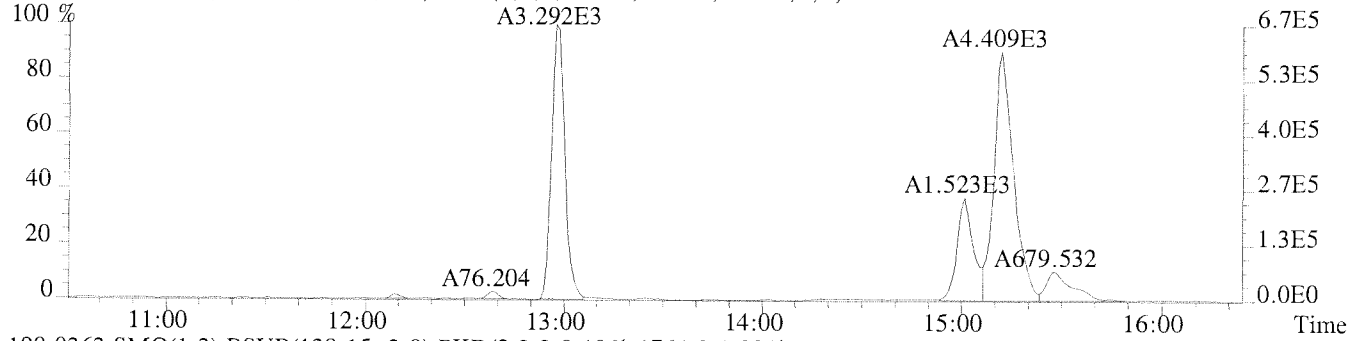
Run #10

Filename U224762#1 Samp: 1

Acquired: 15-JAN-11 16:49:19

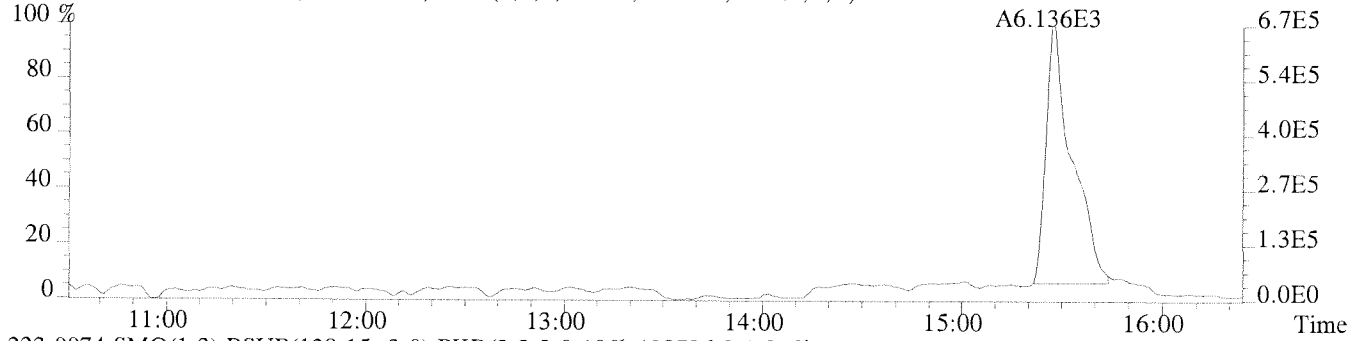
163	PCB-208	4.98e+05	1.65e+03	3.0e+02	6.19e+05	1.44e+03	4.3e+02
164	PCB-207	3.73e+05	1.65e+03	2.3e+02	4.57e+05	1.44e+03	3.2e+02
165	PCB-206	1.37e+06	1.24e+03	1.1e+03	1.78e+06	1.72e+03	1.0e+03
166	PCB-209	7.38e+05	1.25e+03	5.9e+02	6.33e+05	9.64e+02	6.6e+02
167	PCB-1L	3.86e+06	3.48e+03	1.1e+03	1.24e+06	4.46e+04	2.8e+01
168	PCB-3L	2.64e+06	3.48e+03	7.6e+02	8.28e+05	4.46e+04	1.9e+01
169	PCB-4L	1.41e+06	5.44e+03	2.6e+02	9.18e+05	2.98e+03	3.1e+02
170	PCB-15L	3.22e+06	6.50e+03	5.0e+02	1.96e+06	4.63e+03	4.2e+02
171	PCB-19L	1.51e+06	8.97e+04	1.7e+01	1.44e+06	1.12e+05	1.3e+01
172	PCB-37L	2.65e+06	2.34e+04	1.1e+02	2.38e+06	3.03e+04	7.9e+01
173	PCB-54L	2.57e+06	9.88e+03	2.6e+02	3.23e+06	1.38e+04	2.3e+02
174	PCB-81L	1.97e+06	2.44e+03	8.1e+02	2.45e+06	4.12e+03	5.9e+02
175	PCB-77L	2.07e+06	2.44e+03	8.5e+02	2.55e+06	4.12e+03	6.2e+02
176	PCB-104L	3.53e+06	1.48e+03	2.4e+03	2.33e+06	1.95e+03	1.2e+03
177	PCB-123L	2.89e+06	8.82e+03	3.3e+02	1.79e+06	5.13e+03	3.5e+02
178	PCB-118L	3.10e+06	8.82e+03	3.5e+02	1.90e+06	5.13e+03	3.7e+02
179	PCB-114L	3.03e+06	8.82e+03	3.4e+02	1.81e+06	5.13e+03	3.5e+02
180	PCB-105L	2.91e+06	8.82e+03	3.3e+02	1.78e+06	5.13e+03	3.5e+02
181	PCB-126L	2.67e+06	8.82e+03	3.0e+02	1.71e+06	5.13e+03	3.3e+02
182	PCB-155L	3.62e+06	4.25e+03	8.5e+02	2.94e+06	5.90e+03	5.0e+02
183	PCB-167L	2.39e+06	2.22e+03	1.1e+03	1.87e+06	1.72e+03	1.1e+03
184	PCB-156/157L	3.29e+06	2.22e+03	1.5e+03	2.50e+06	1.72e+03	1.5e+03
185	PCB-169L	1.96e+06	2.22e+03	8.8e+02	1.46e+06	1.72e+03	8.5e+02
186	PCB-188L	2.90e+06	2.00e+03	1.5e+03	2.87e+06	1.77e+03	1.6e+03
187	PCB-189L	1.86e+06	2.10e+03	8.8e+02	1.75e+06	1.13e+03	1.5e+03
188	PCB-202L	2.14e+06	1.74e+03	1.2e+03	2.44e+06	1.49e+03	1.6e+03
189	PCB-205L	1.93e+06	1.74e+03	1.1e+03	2.16e+06	1.49e+03	1.4e+03
190	PCB-208L	2.00e+06	1.37e+03	1.5e+03	2.64e+06	1.19e+03	2.2e+03
191	PCB-206L	1.01e+06	1.38e+03	7.3e+02	1.29e+06	1.19e+03	1.1e+03
192	PCB-209L	1.55e+06	1.24e+03	1.3e+03	1.33e+06	1.24e+03	1.1e+03
193	PCB-28L	3.08e+06	2.34e+04	1.3e+02	2.84e+06	3.03e+04	9.4e+01
194	PCB-111L	2.85e+06	2.70e+03	1.1e+03	1.85e+06	3.43e+03	5.4e+02
195	PCB-178L	1.92e+06	2.00e+03	9.6e+02	1.90e+06	1.77e+03	1.1e+03
196	PCB-9L	6.55e+06	6.50e+03	1.0e+03	4.09e+06	4.63e+03	8.8e+02
197	PCB-52L	2.55e+06	3.07e+03	8.3e+02	3.21e+06	4.47e+03	7.2e+02
198	PCB-101L	3.58e+06	2.70e+03	1.3e+03	2.27e+06	3.43e+03	6.6e+02
199	PCB-138L	3.75e+06	1.69e+03	2.2e+03	2.97e+06	1.78e+03	1.7e+03
200	PCB-194L	2.08e+06	1.74e+03	1.2e+03	2.31e+06	1.49e+03	1.6e+03

File:U224762 #1-379 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2384.0,1.00%,F,T)

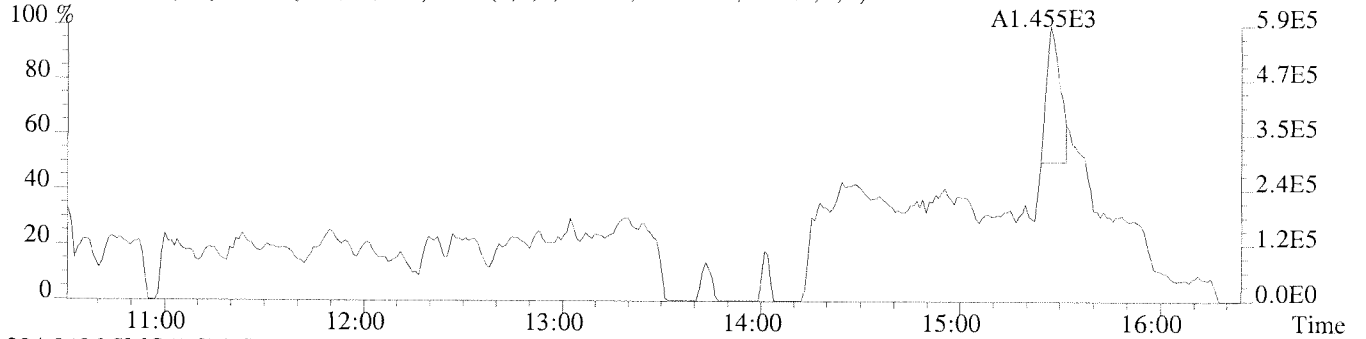


File:U224762 #1-379 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081

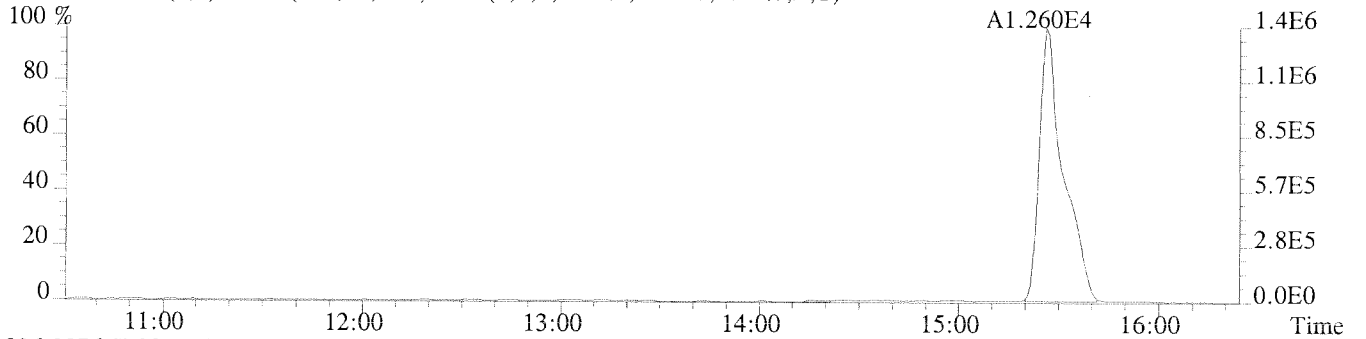
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,28844.0,1.00%,F,T)



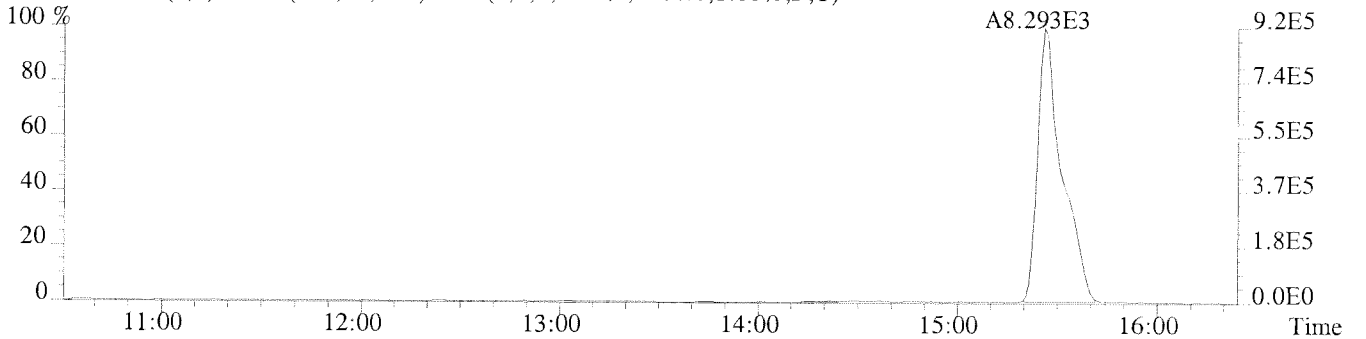
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,138736.0,1.00%,F,T)



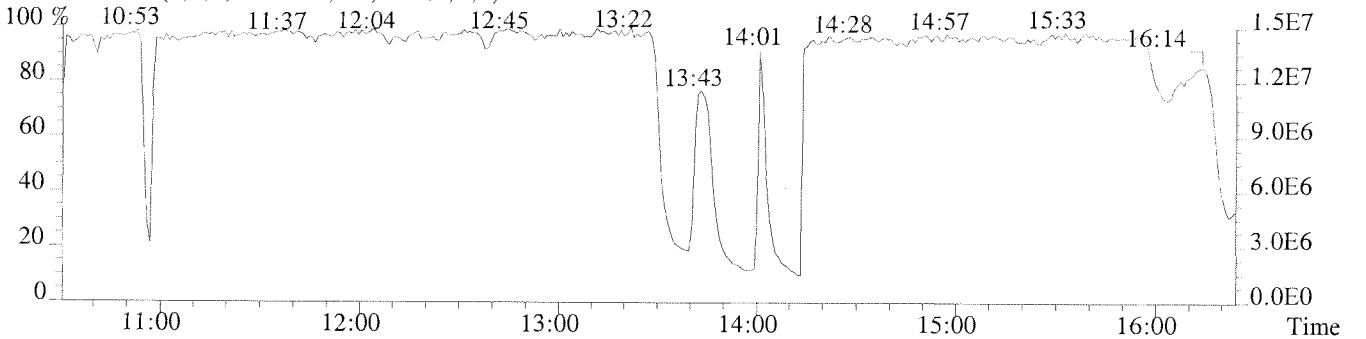
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5436.0,1.00%,F,T)

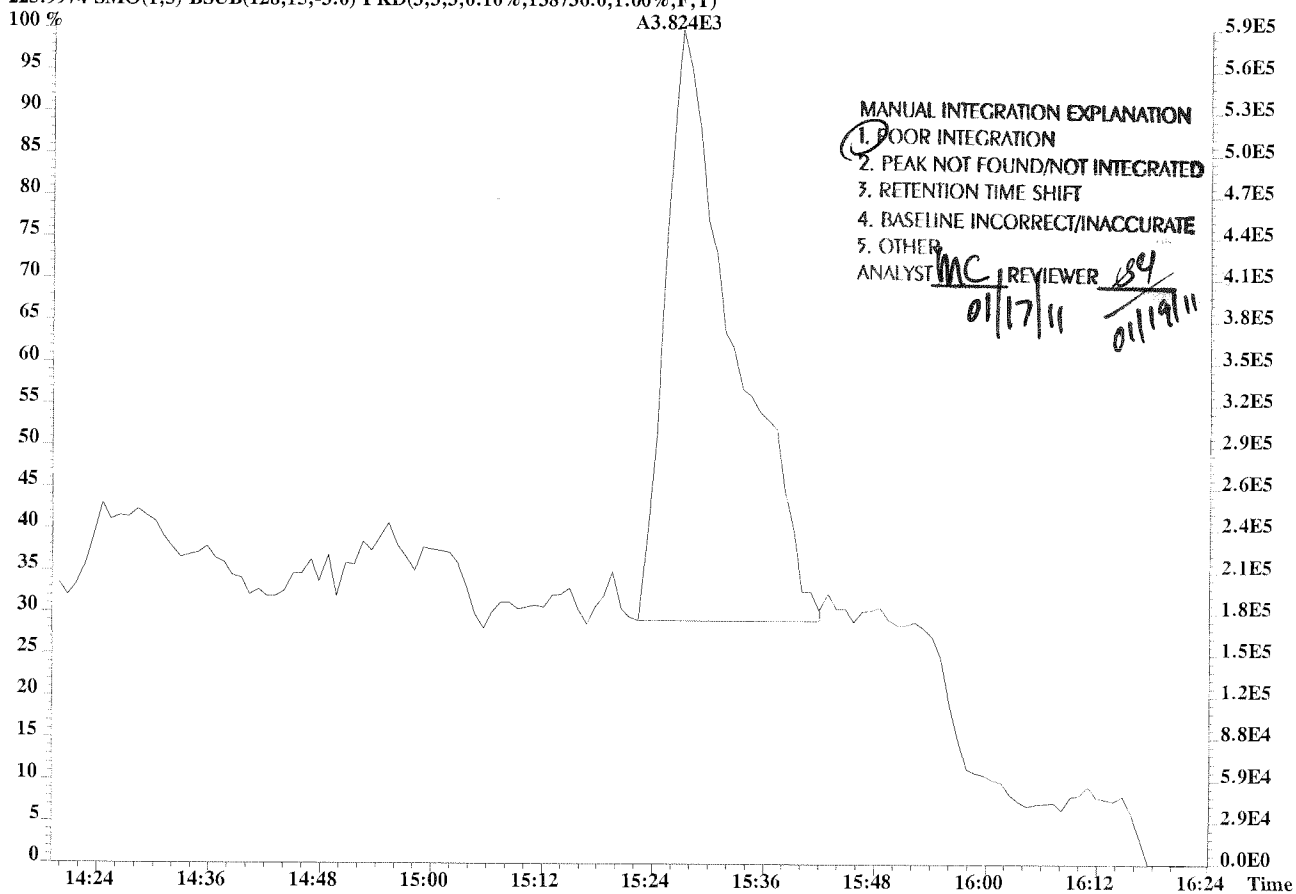
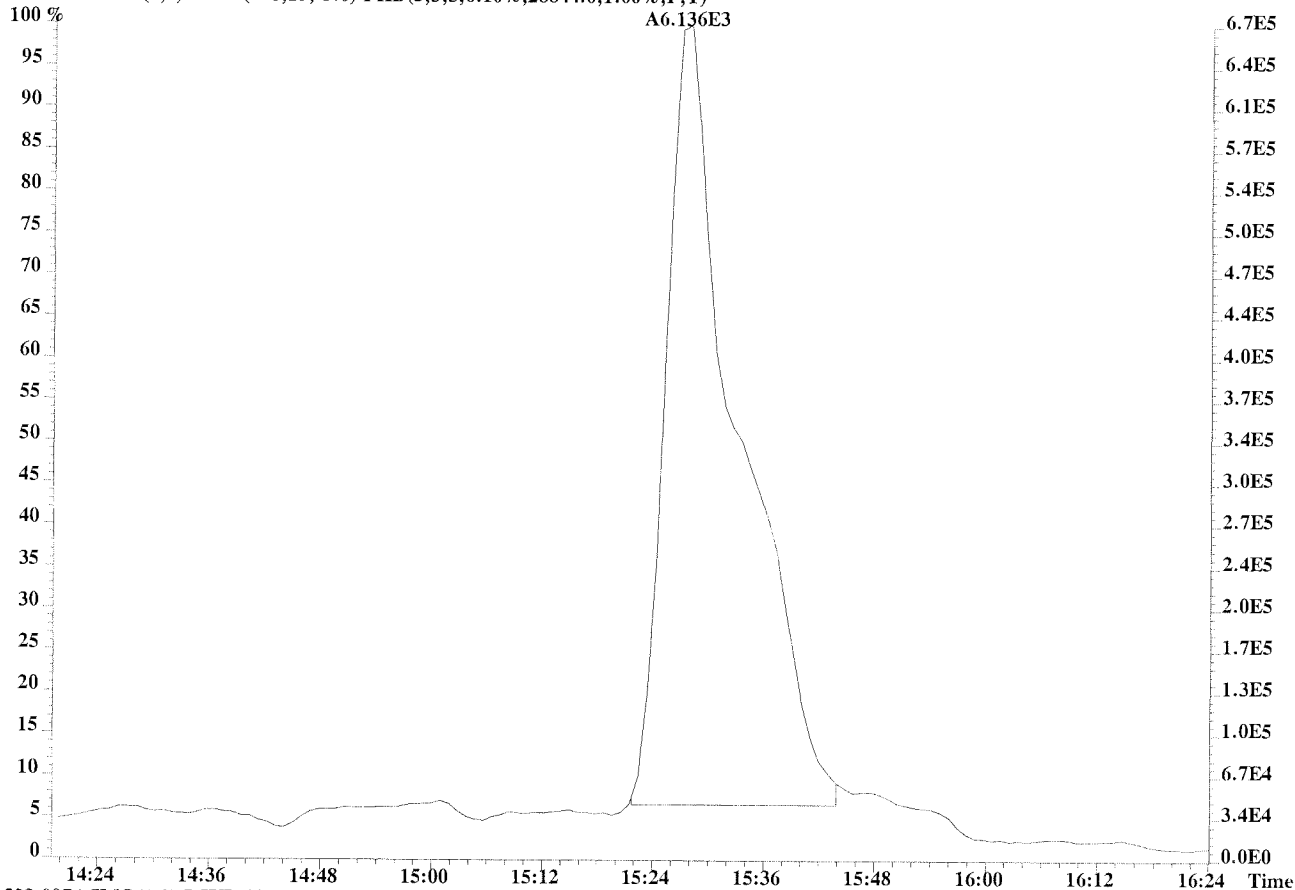


236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2984.0,1.00%,F,T)

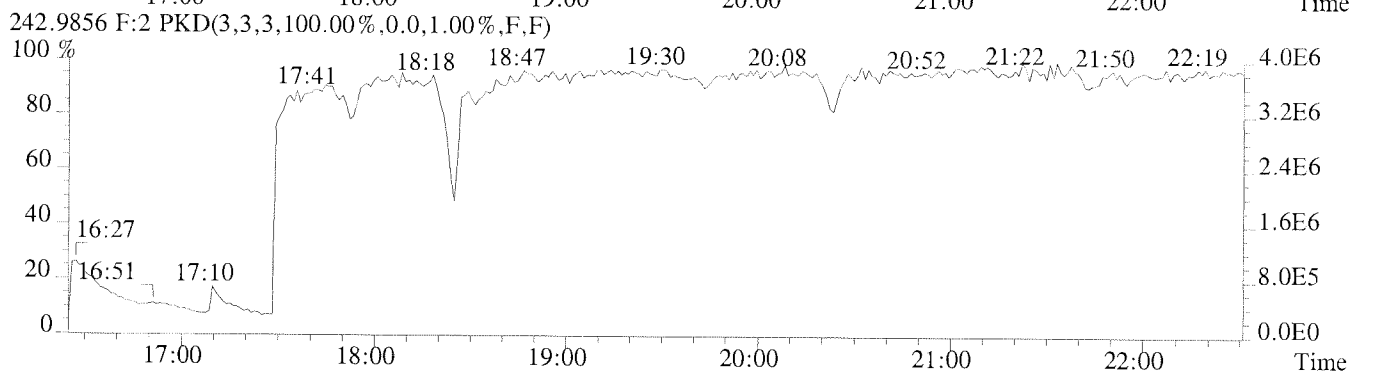
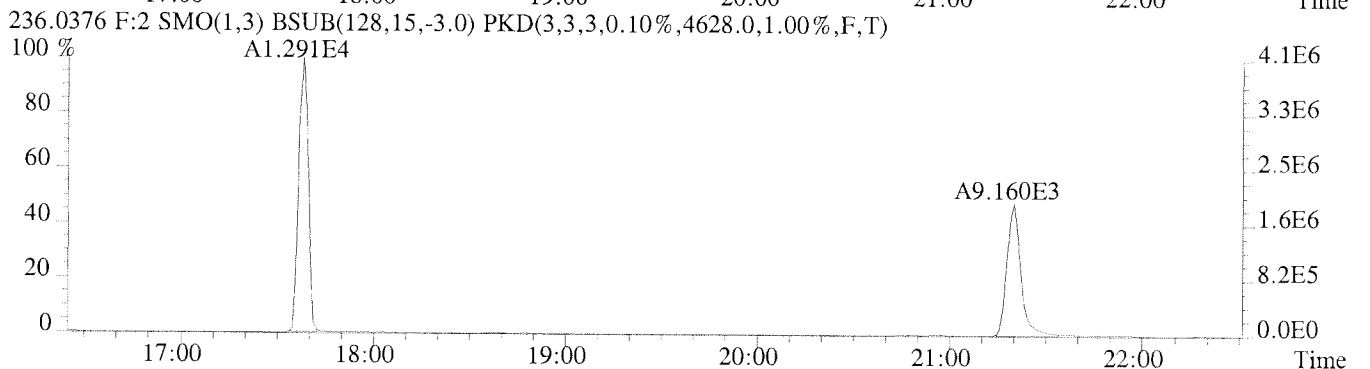
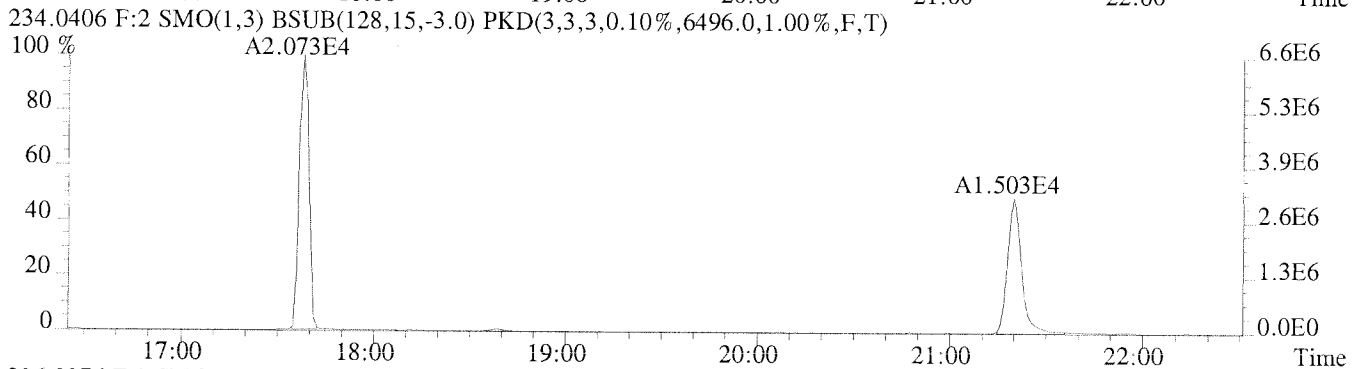
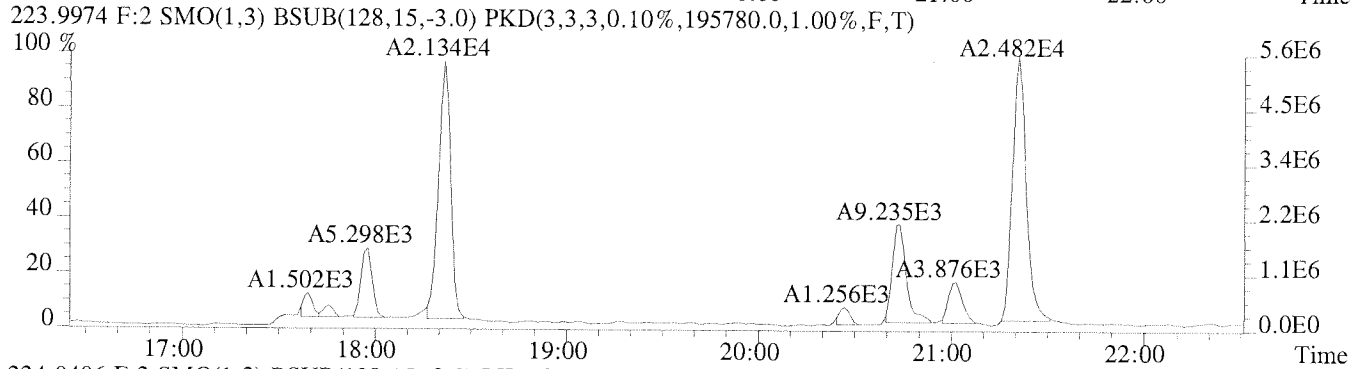
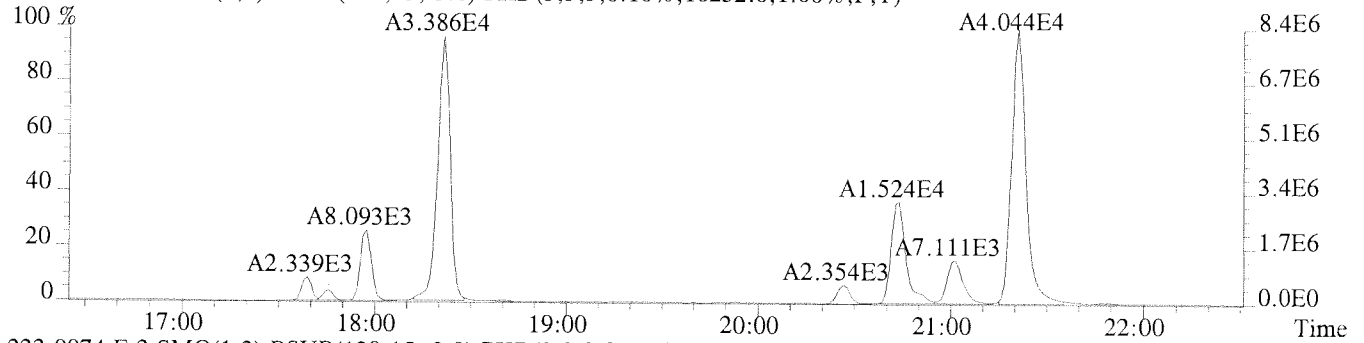


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

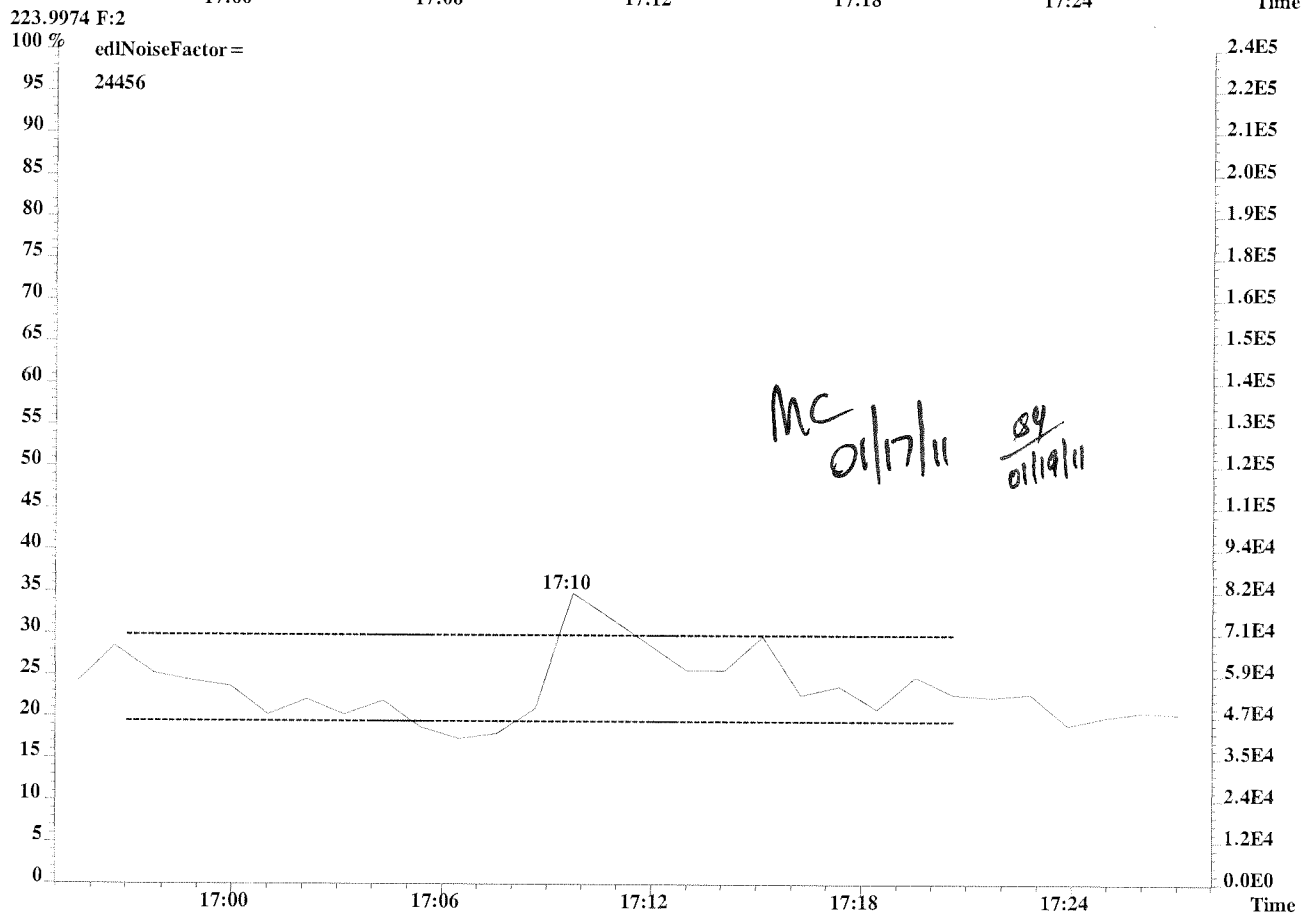
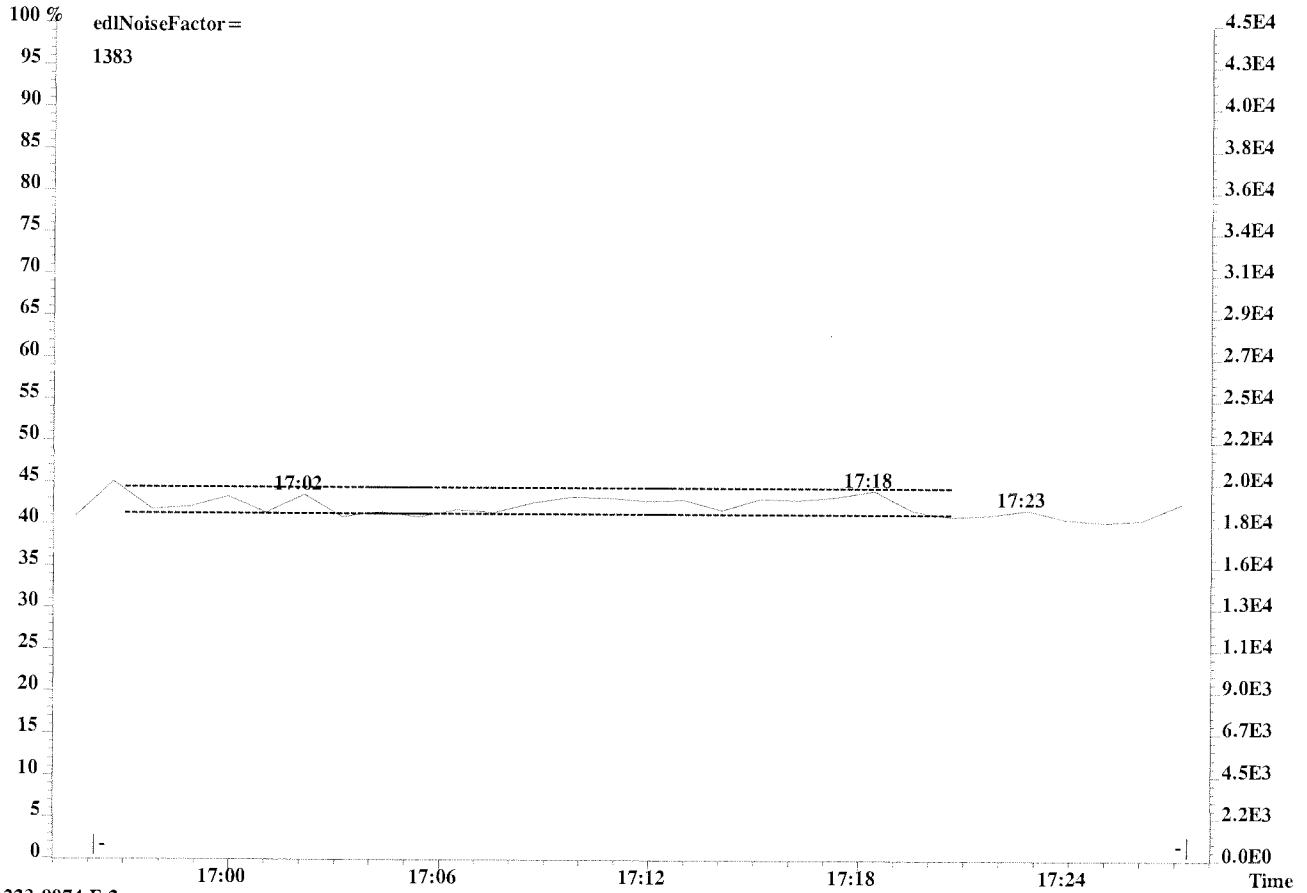




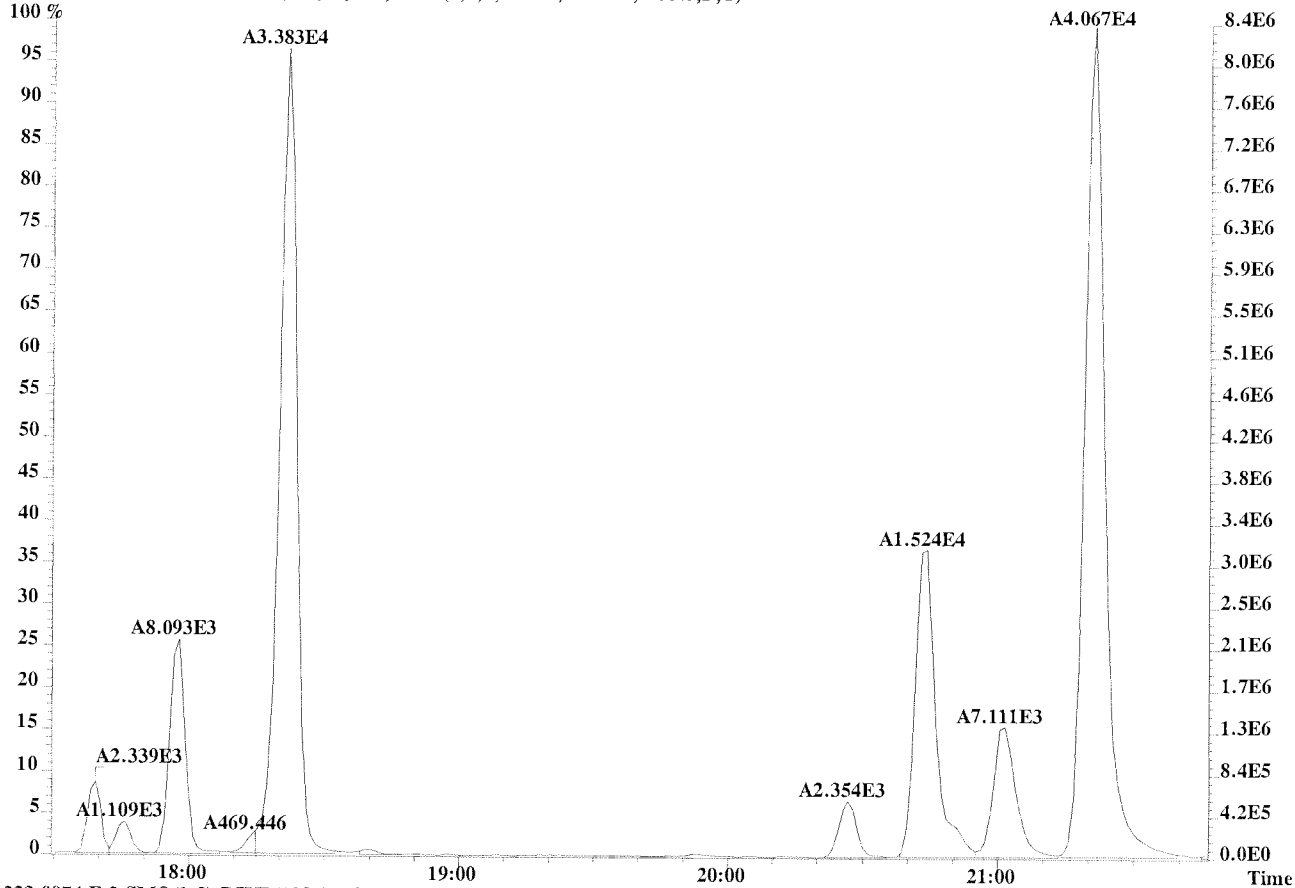
File:U224762 #1-337 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-010 USENE/W081
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16252.0,1.00%,F,T)



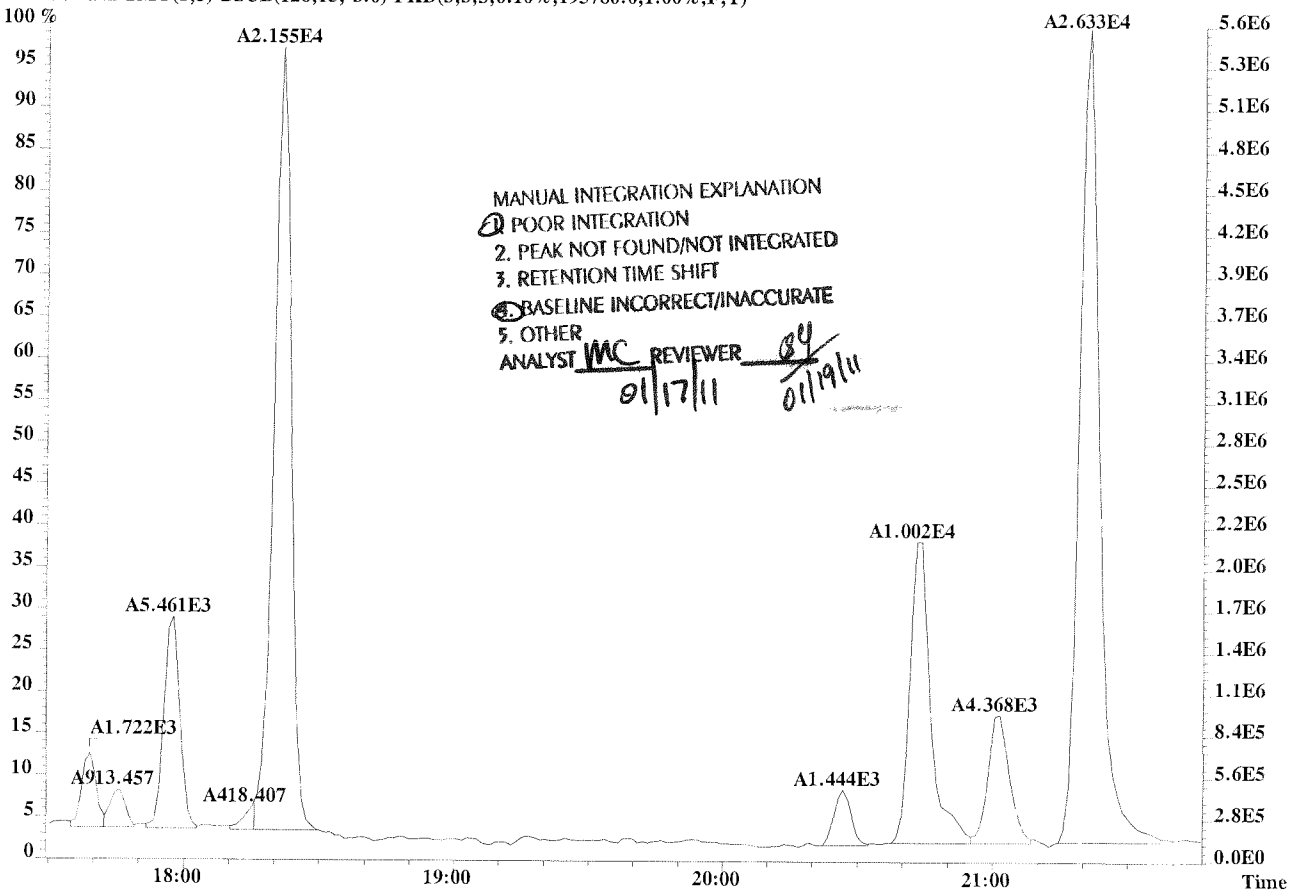
File: U224762 #1-337 Acq: 15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp: K1013433-010 USENE/W081
222.0003 F:2



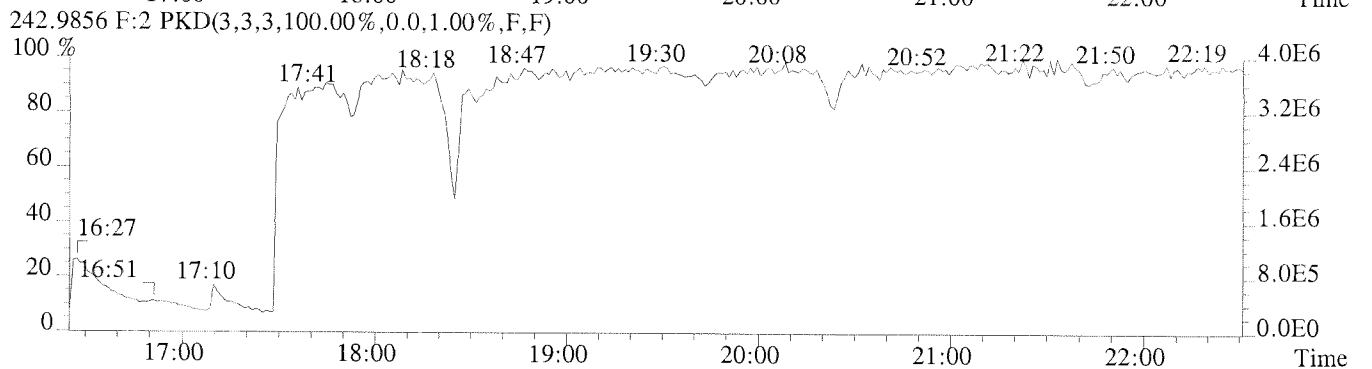
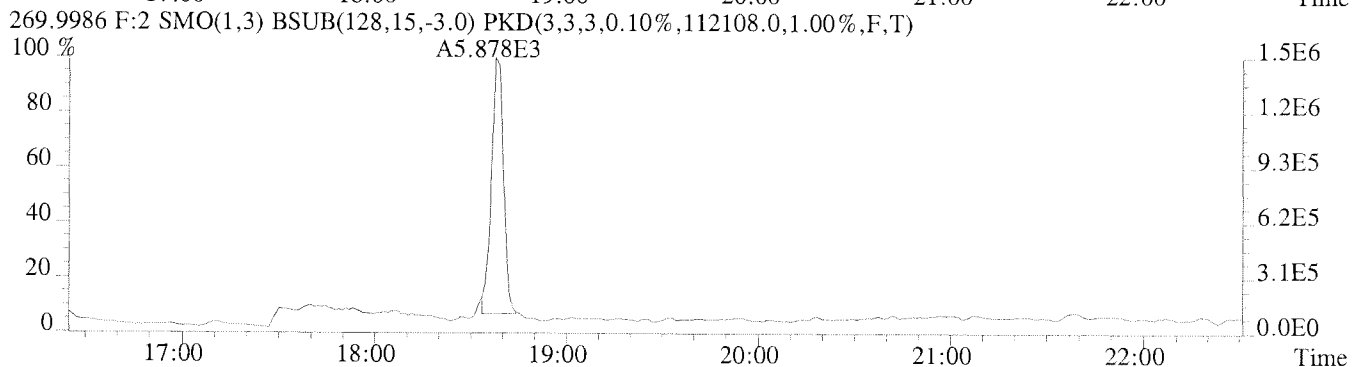
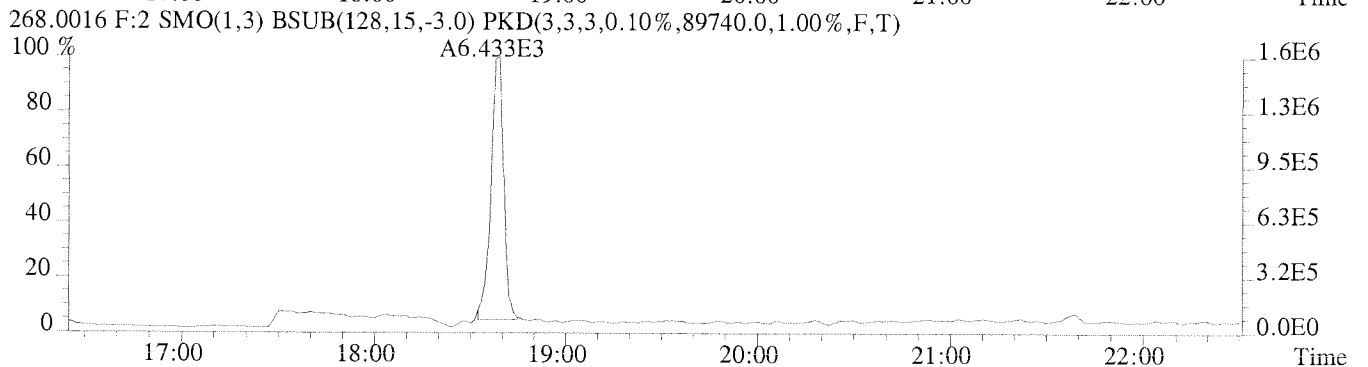
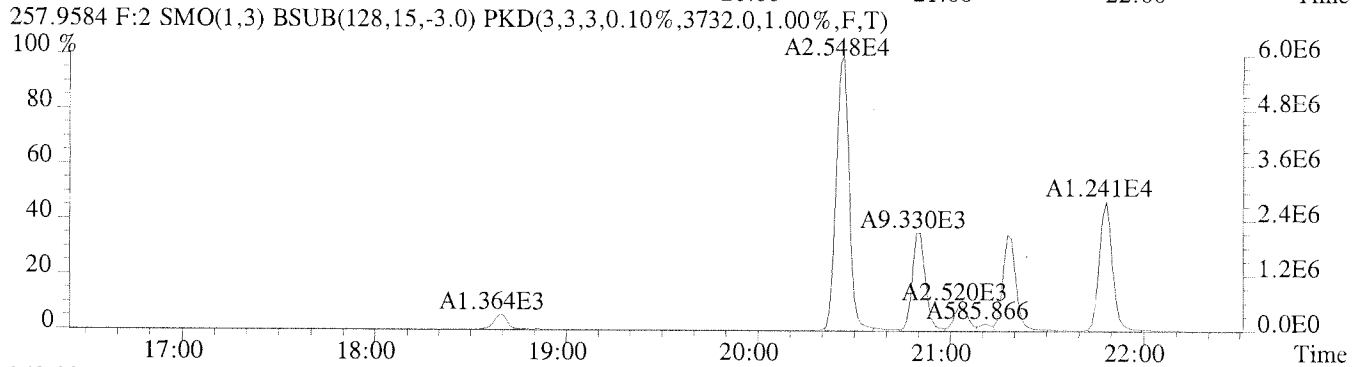
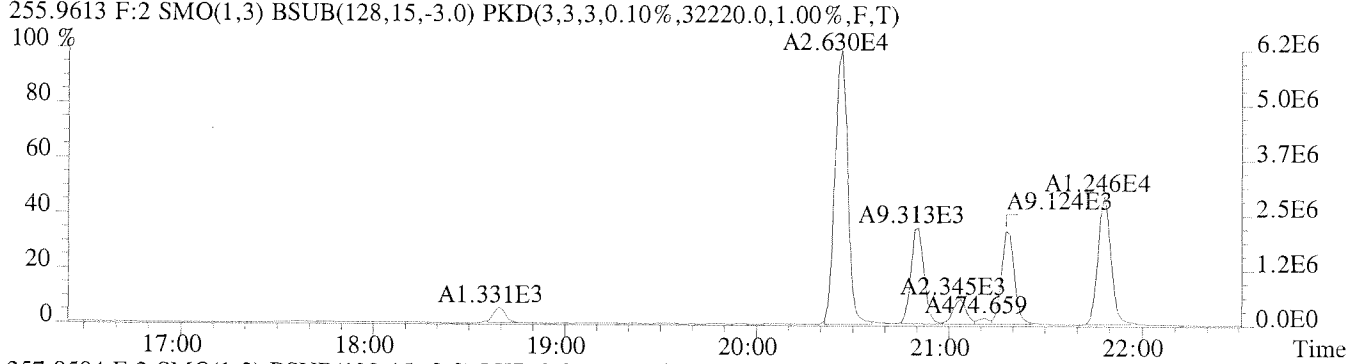
File:U224762 #1-337 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-010 USENE/W081
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16252.0,1.00%,F,T)



223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,195780.0,1.00%,F,T)

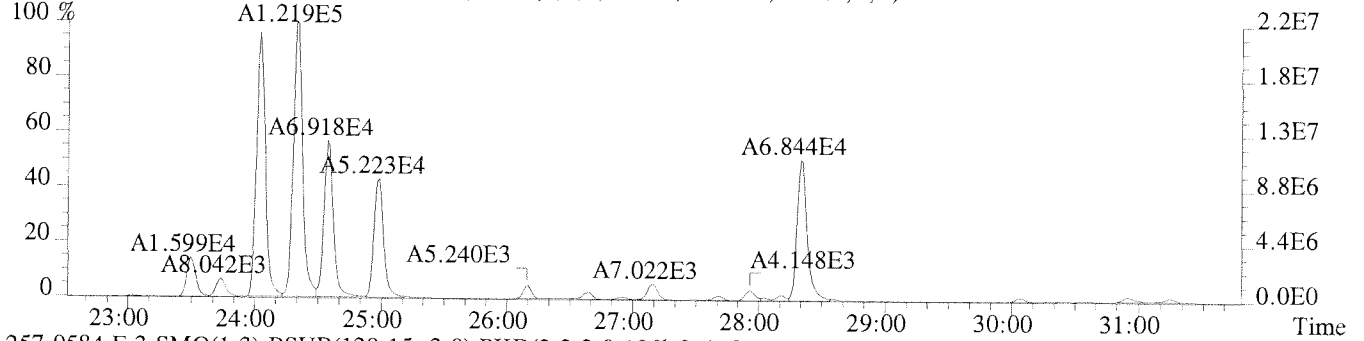


File:U224762 #1-337 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081

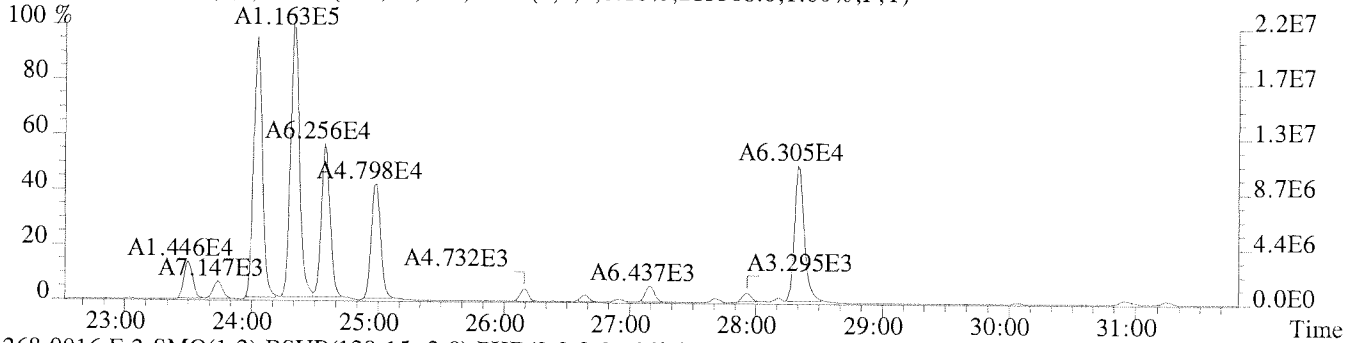


File:U224762 #1-594 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081

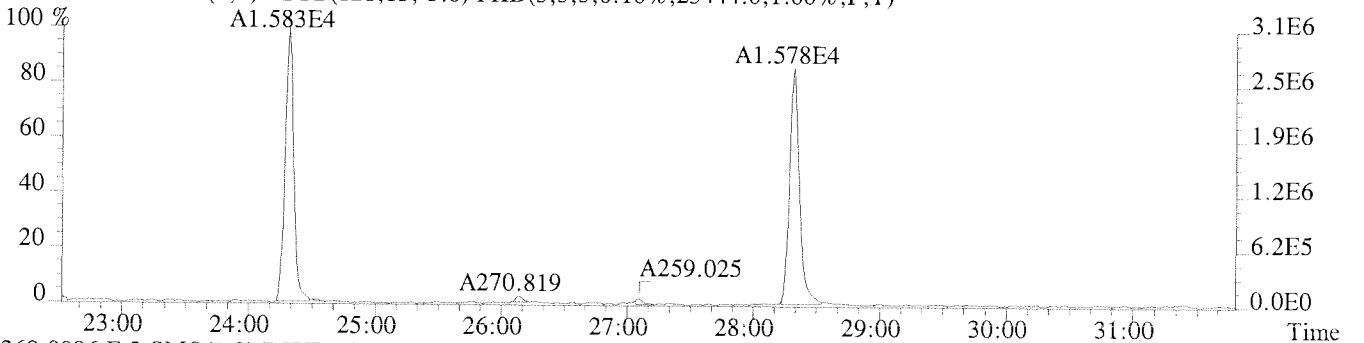
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,24104.0,1.00%,F,T)



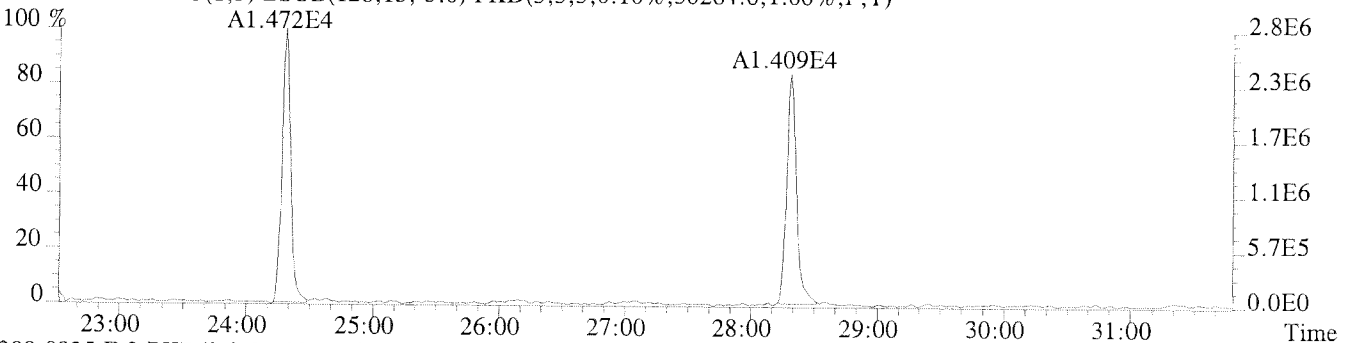
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,213588.0,1.00%,F,T)



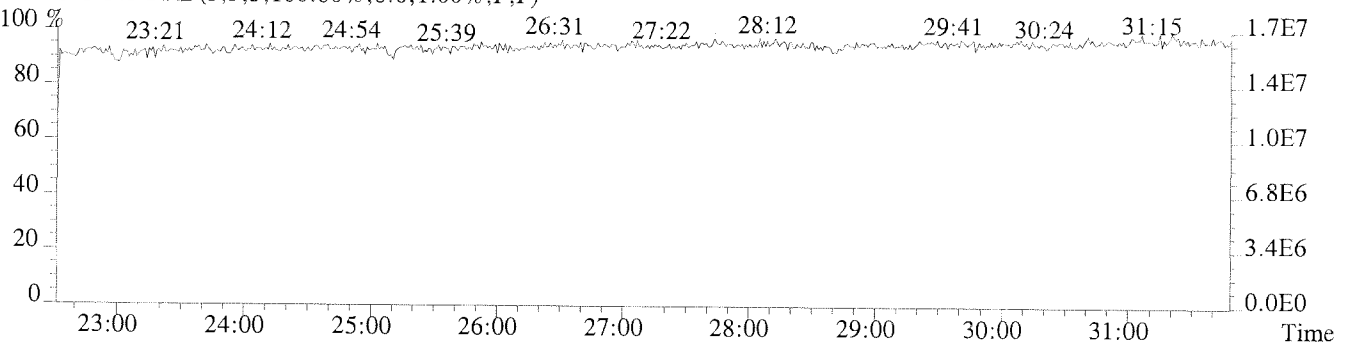
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,23444.0,1.00%,F,T)



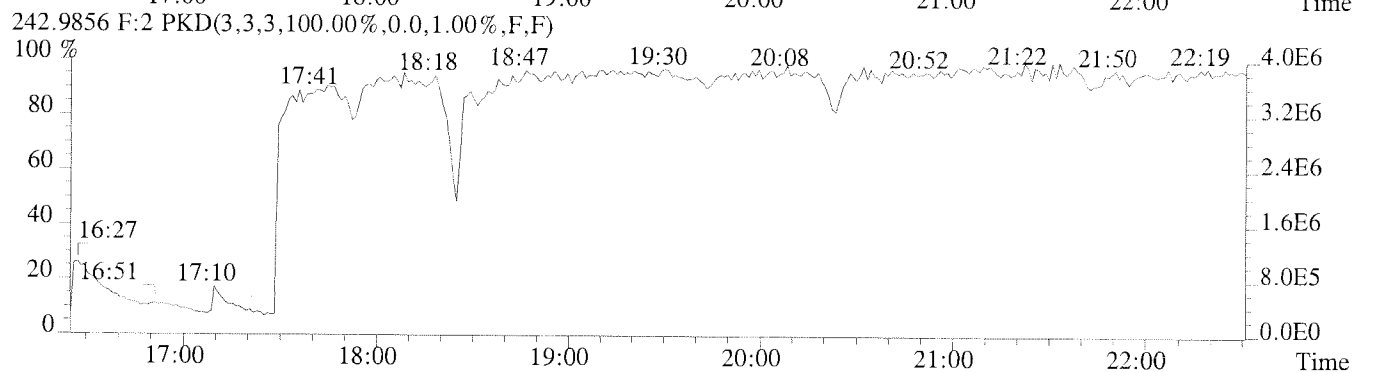
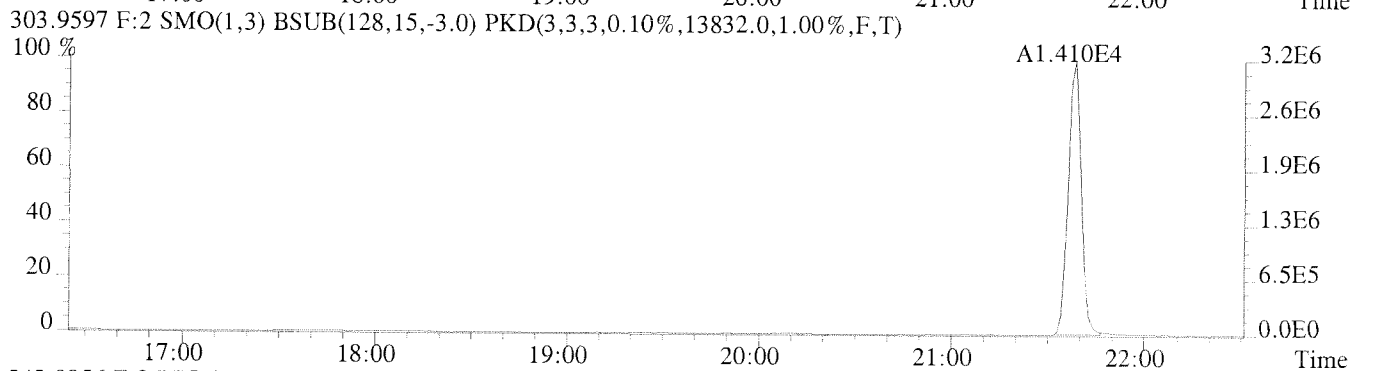
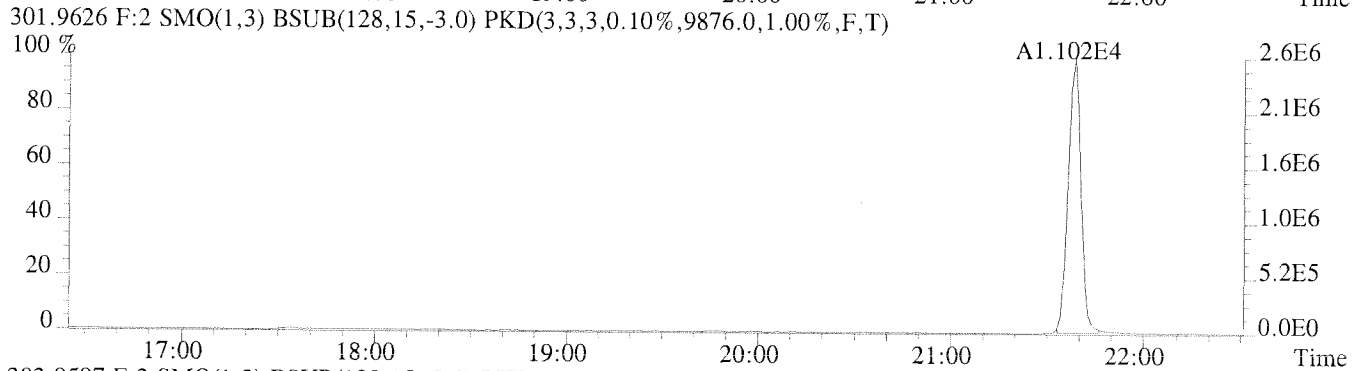
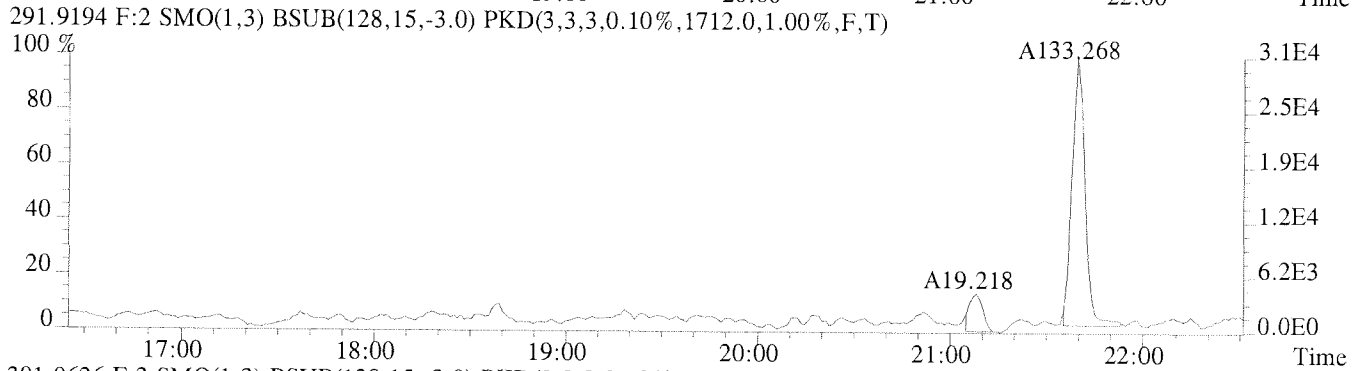
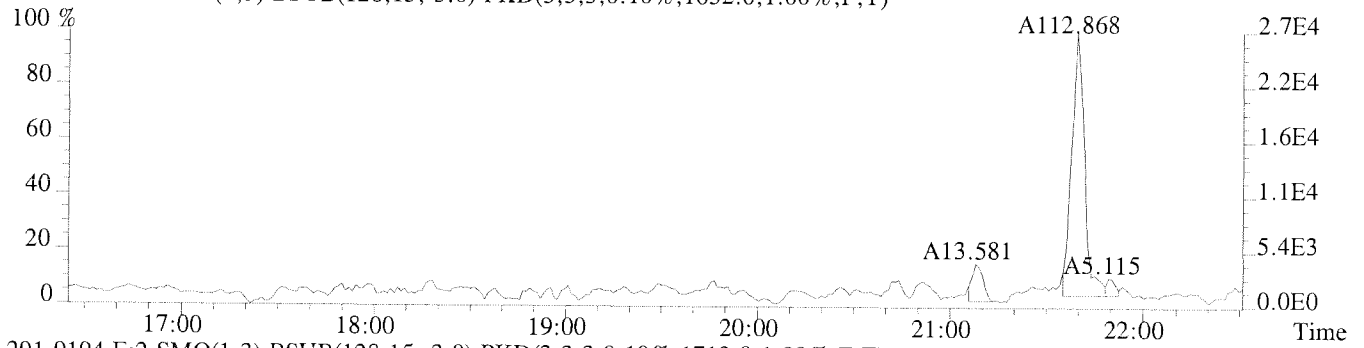
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,30284.0,1.00%,F,T)



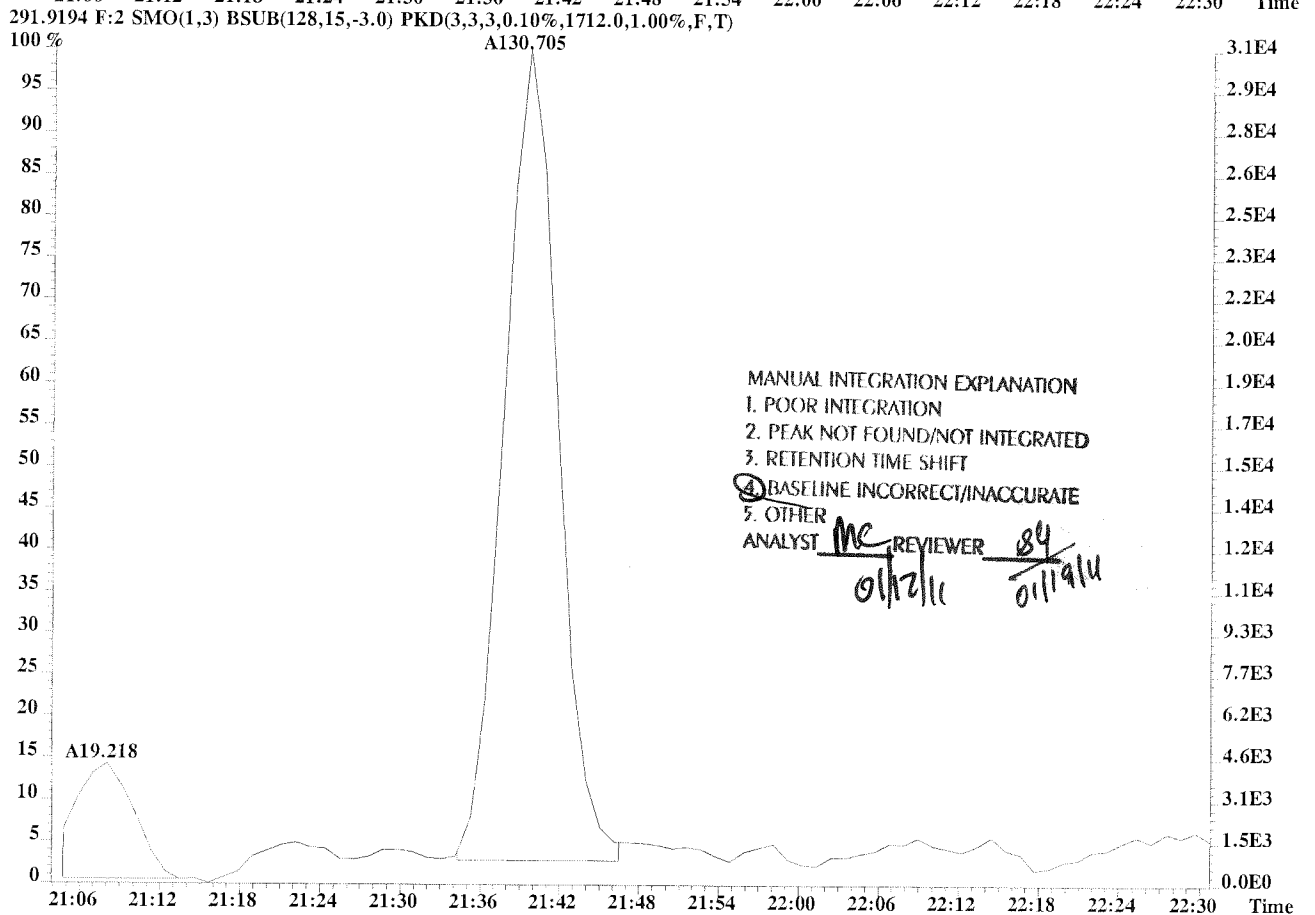
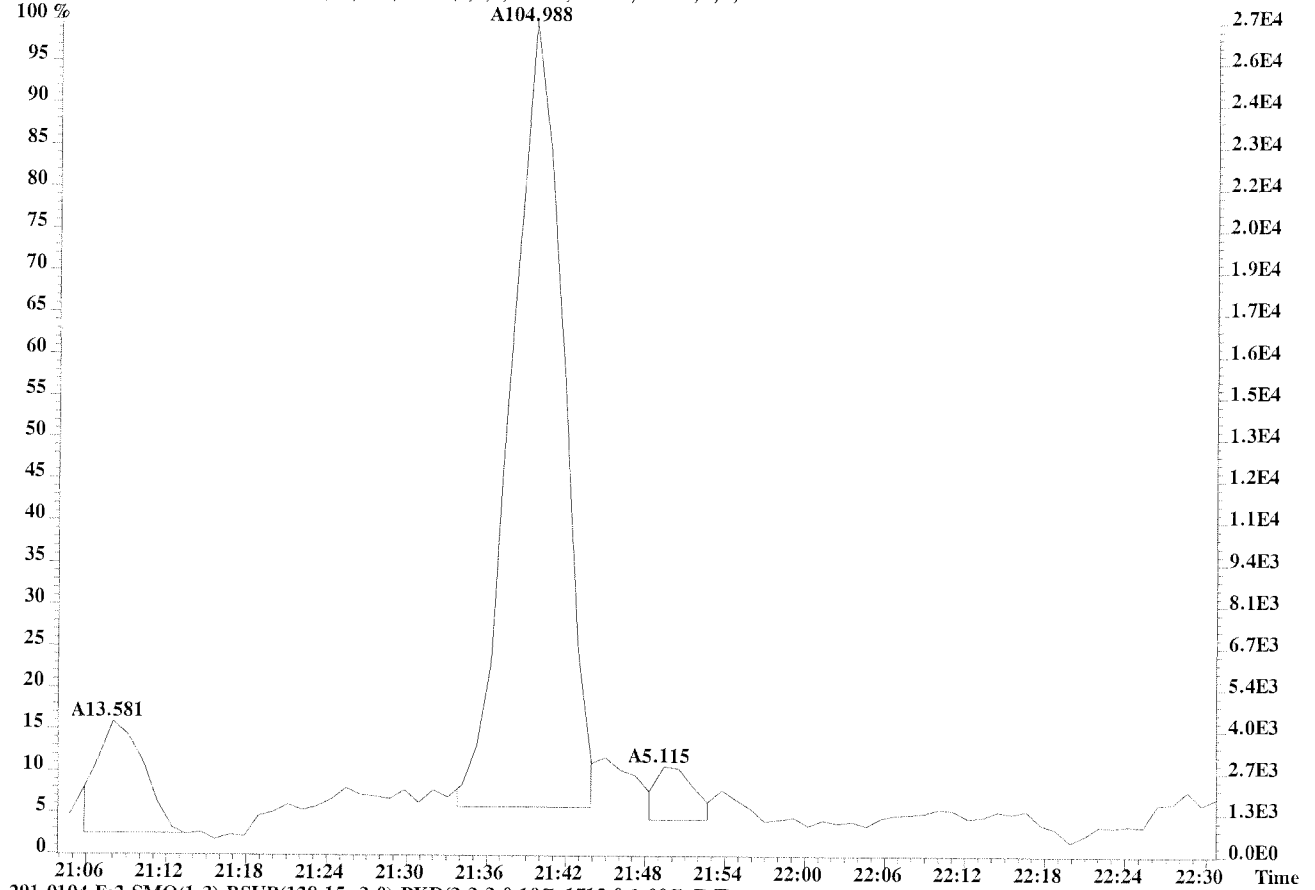
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



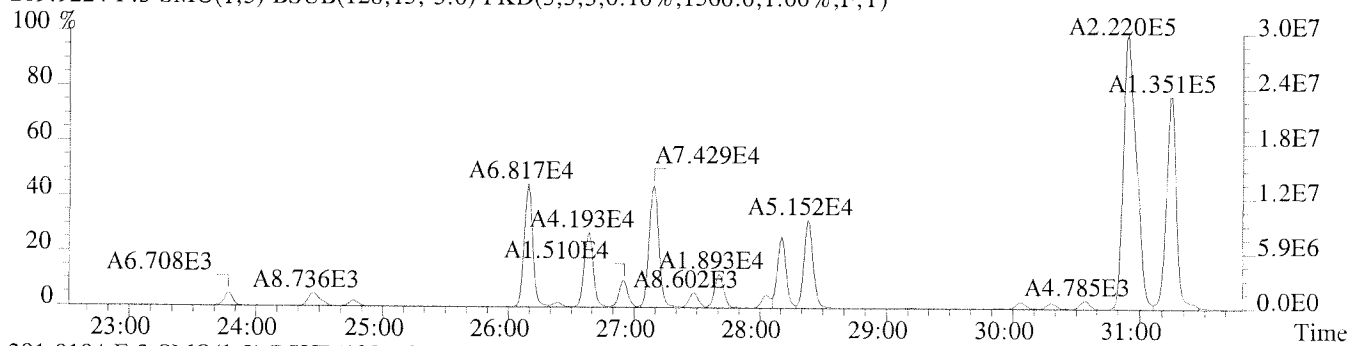
File:U224762 #1-337 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1652.0,1.00%,F,T)



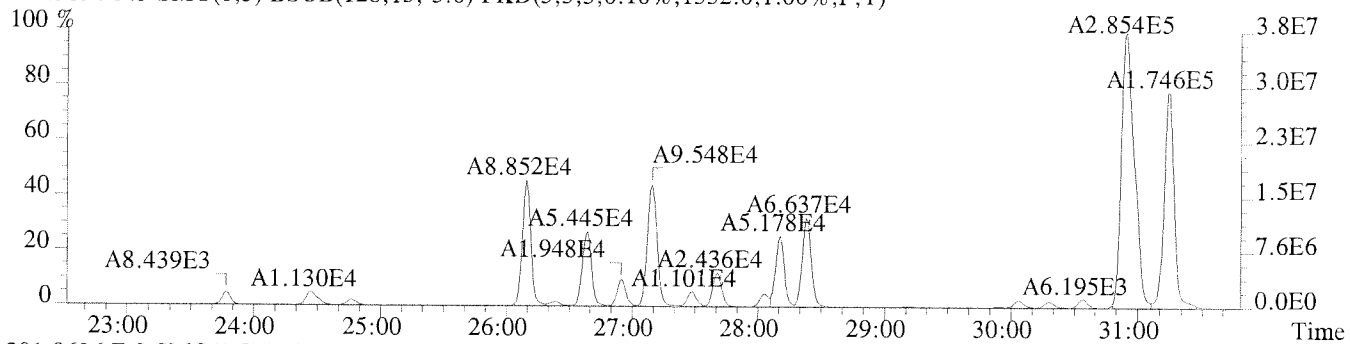
File:U224762 #1-337 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-010 USENE/W081
 289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1652.0,1.00%,F,T)



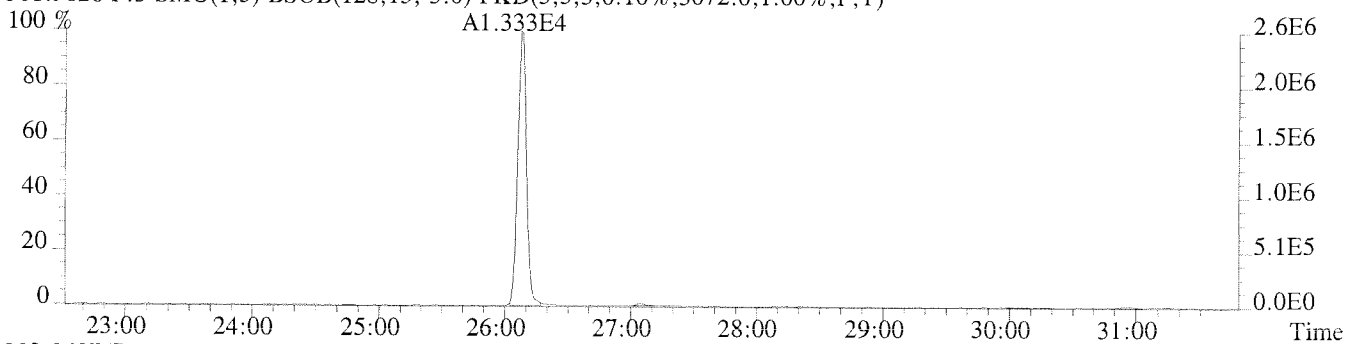
File:U224762 #1-594 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1560.0,1.00%,F,T)



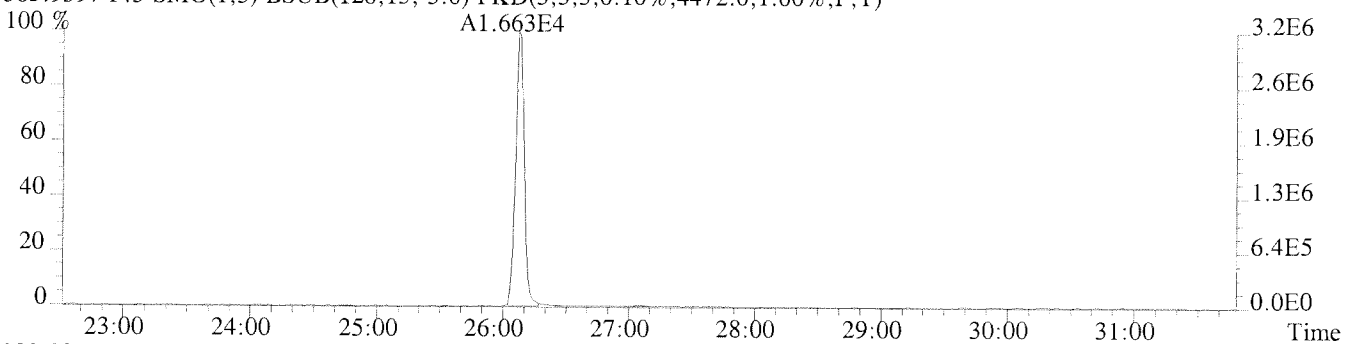
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1552.0,1.00%,F,T)



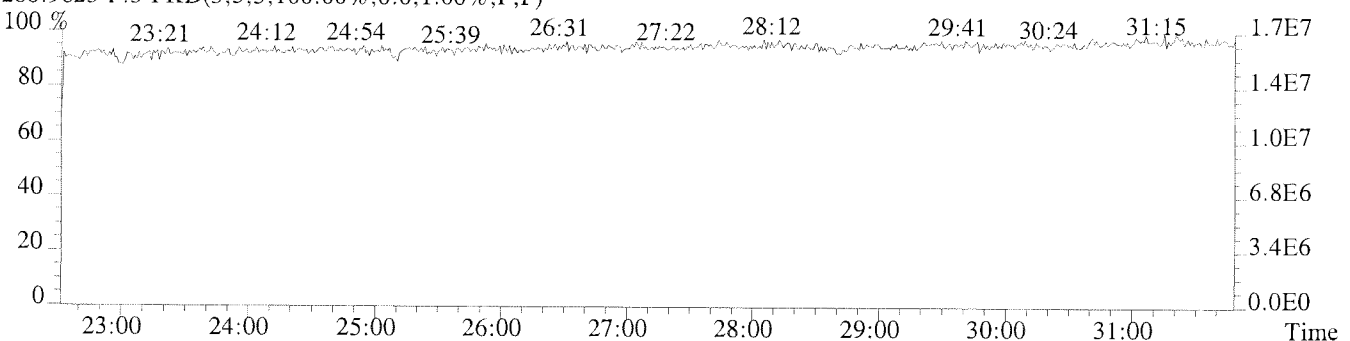
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3072.0,1.00%,F,T)



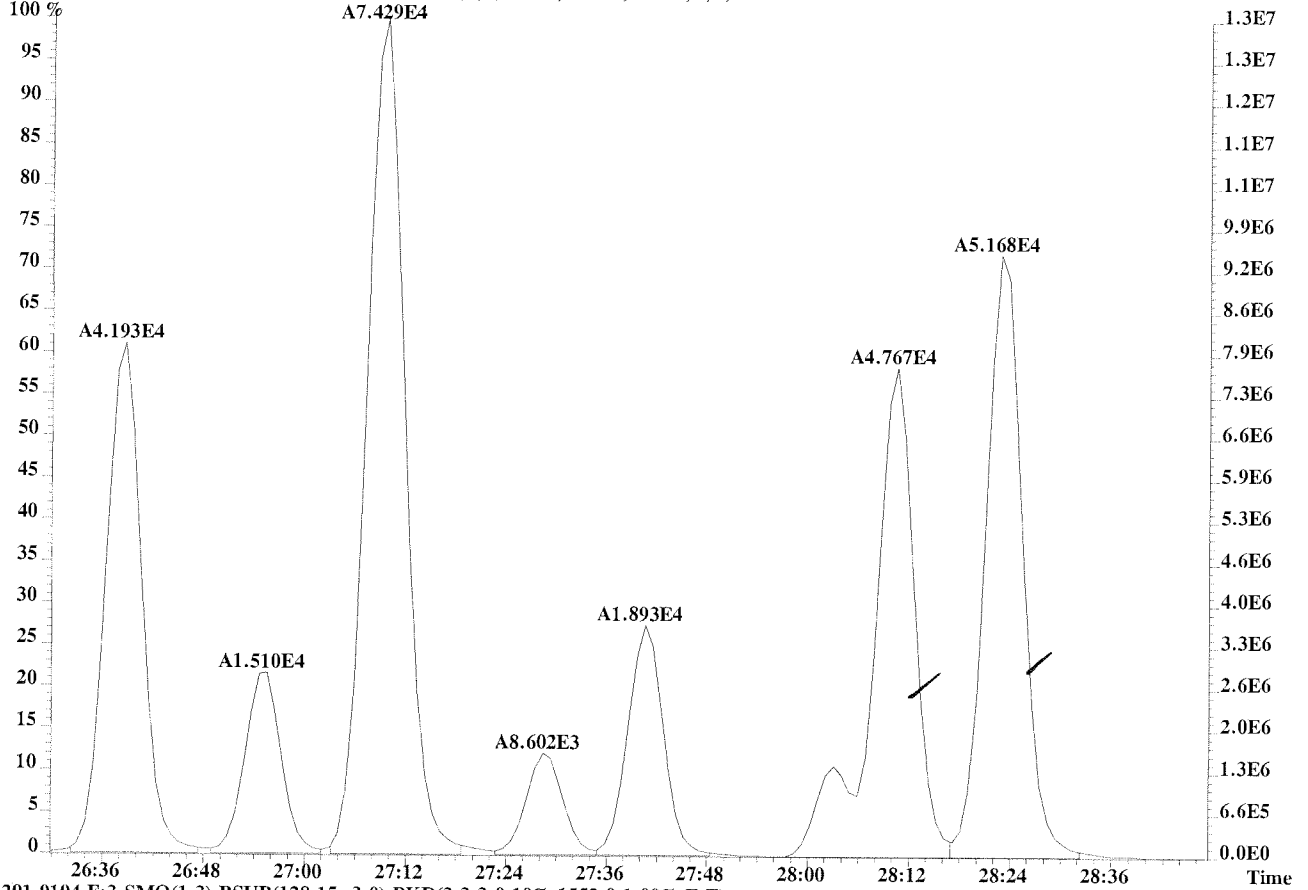
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4472.0,1.00%,F,T)



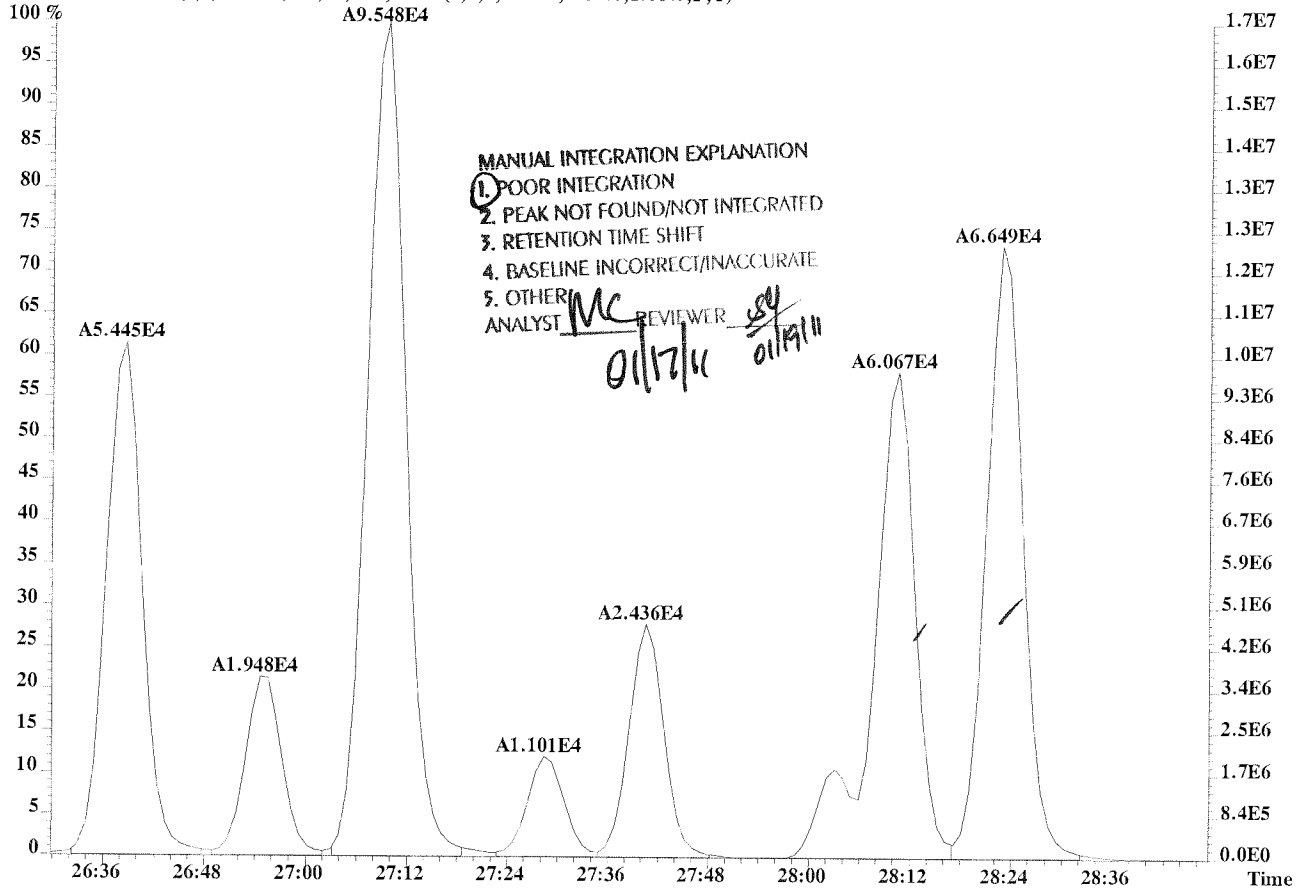
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



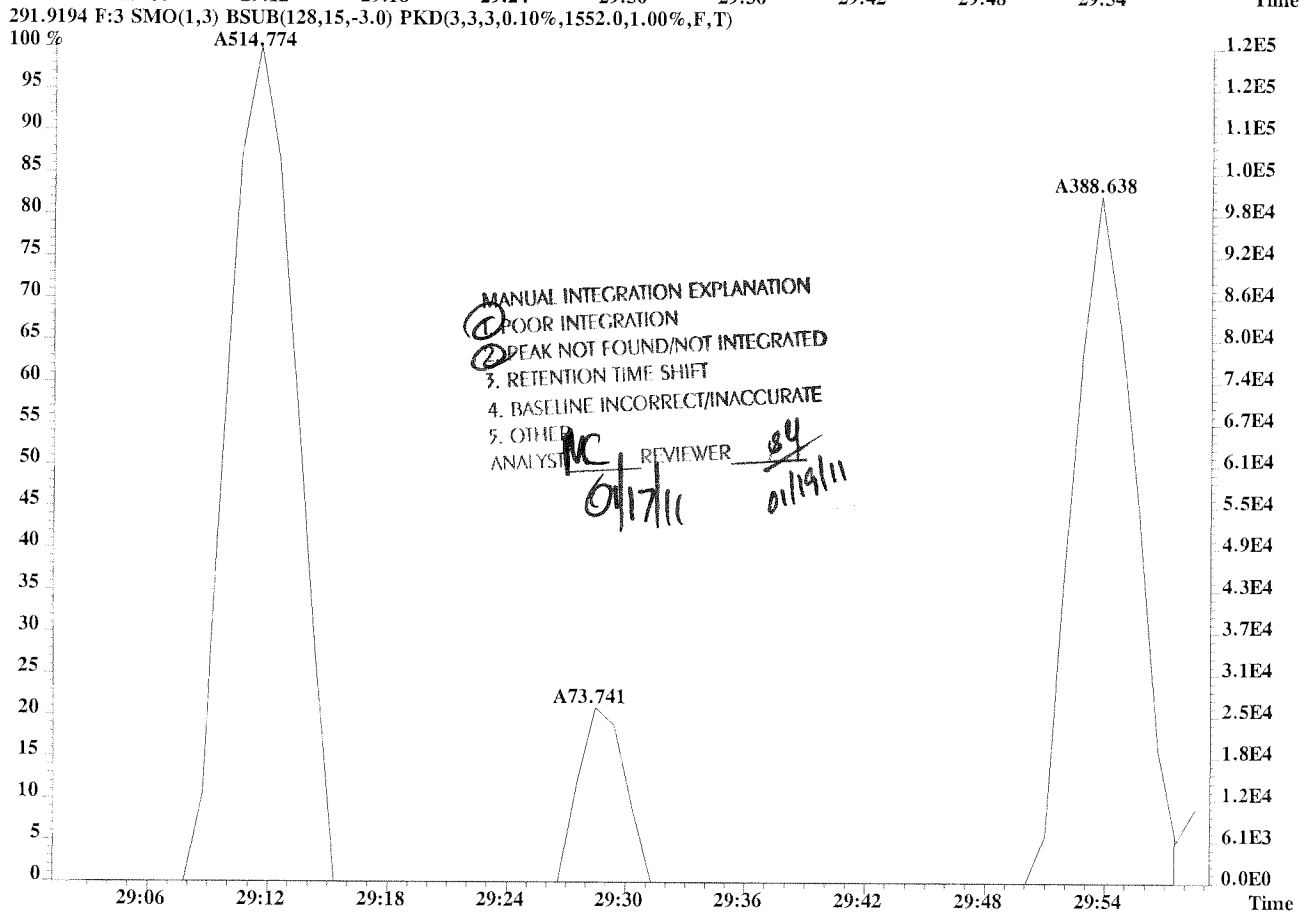
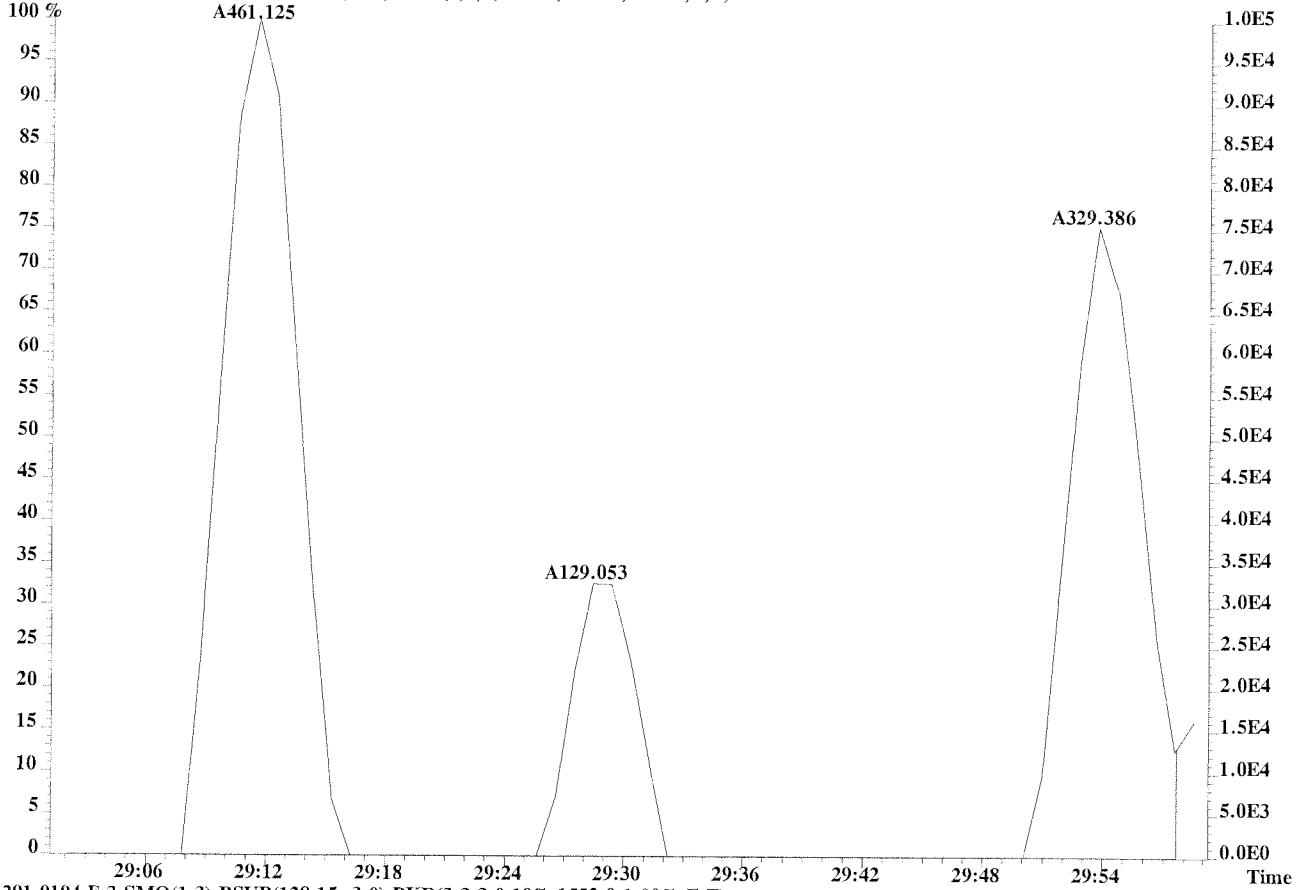
File:U224762 #1-594 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-010 USENE/W081
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1560.0,1.00%,F,T)



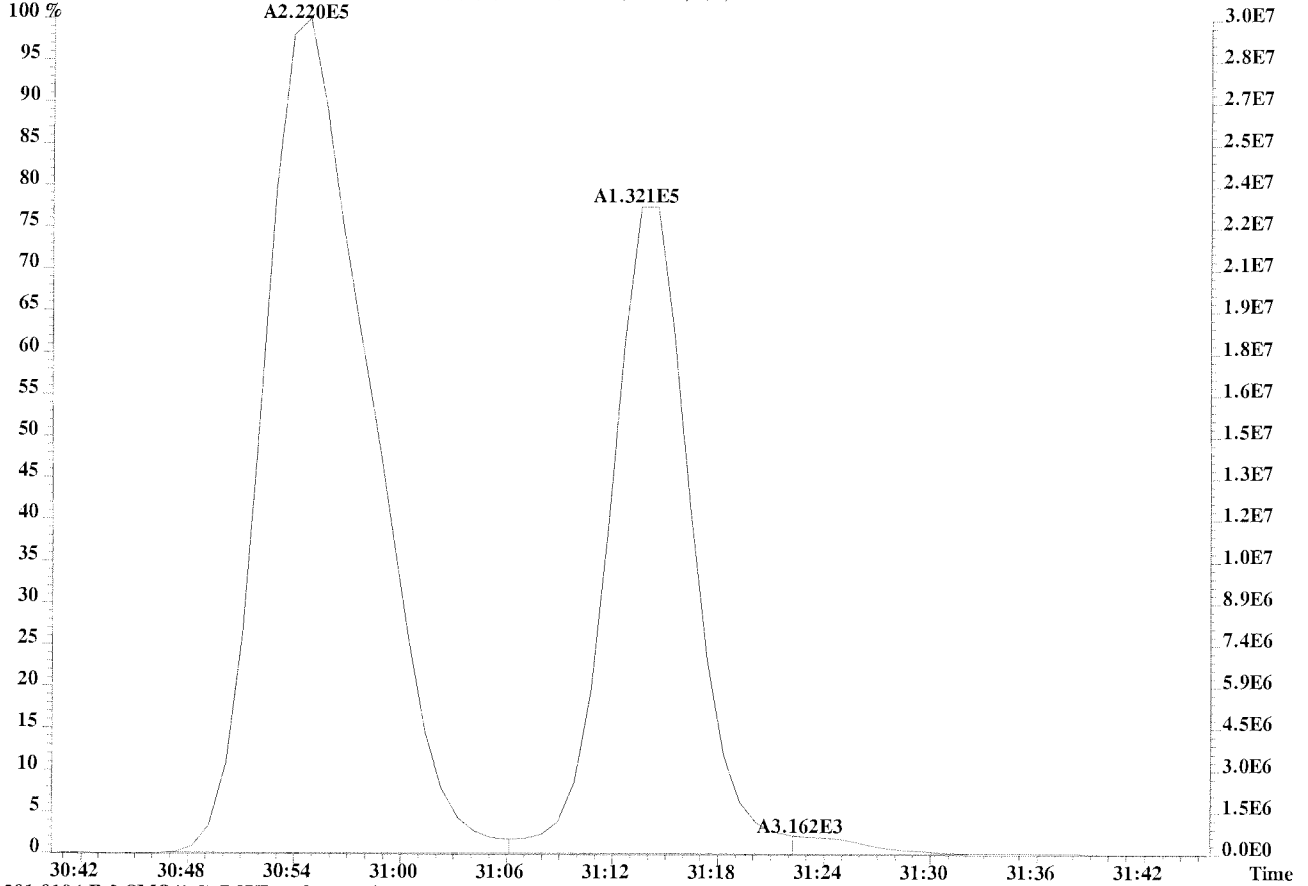
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1552.0,1.00%,F,T)



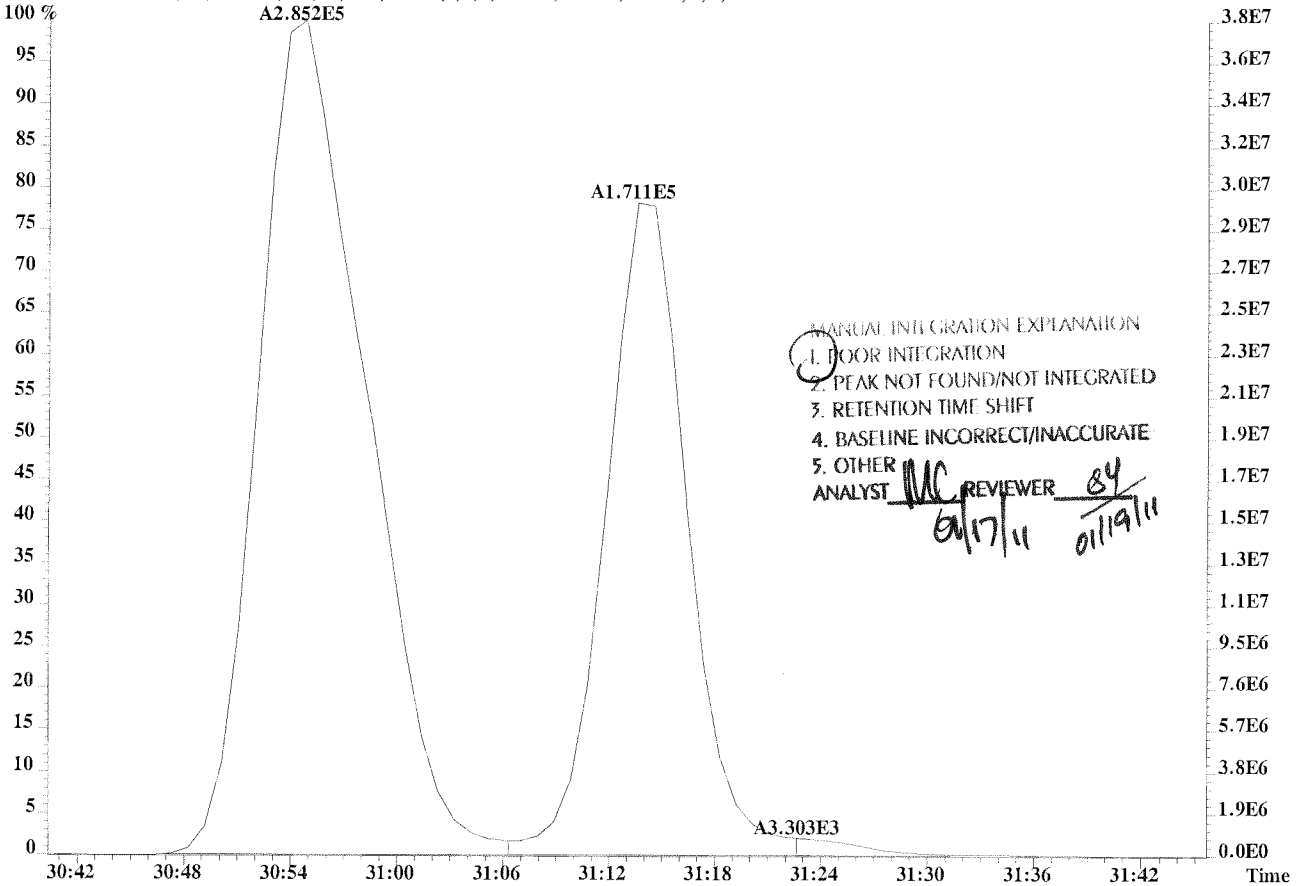
File:U224762 #1-594 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-010 USENE/W081
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1560.0,1.00%,F,T)



File:U224762 #1-594 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-010 USENE/W081
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1560.0,1.00%,F,T)
 100 %

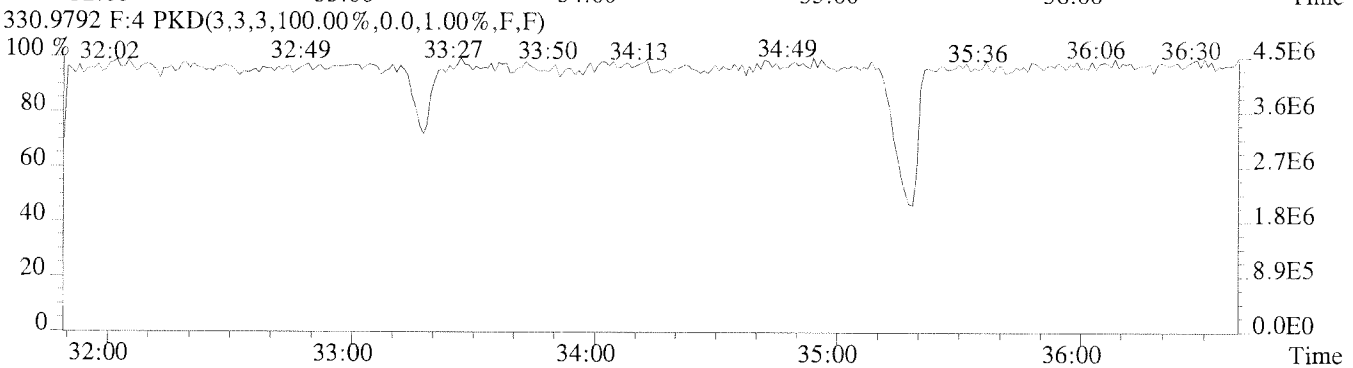
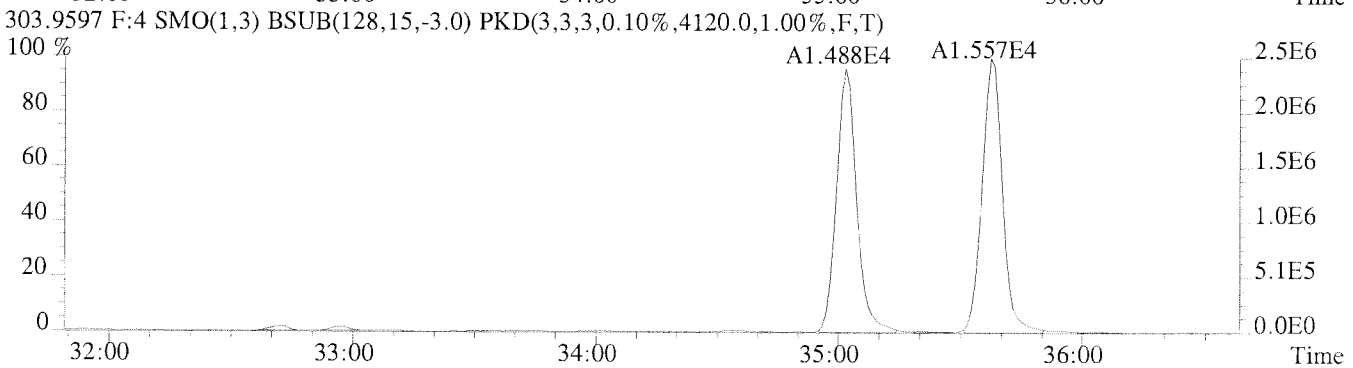
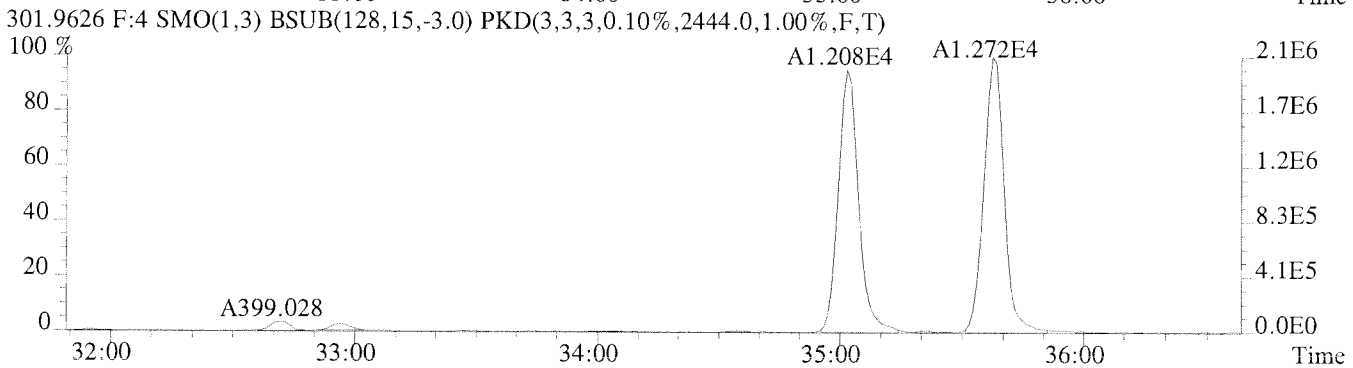
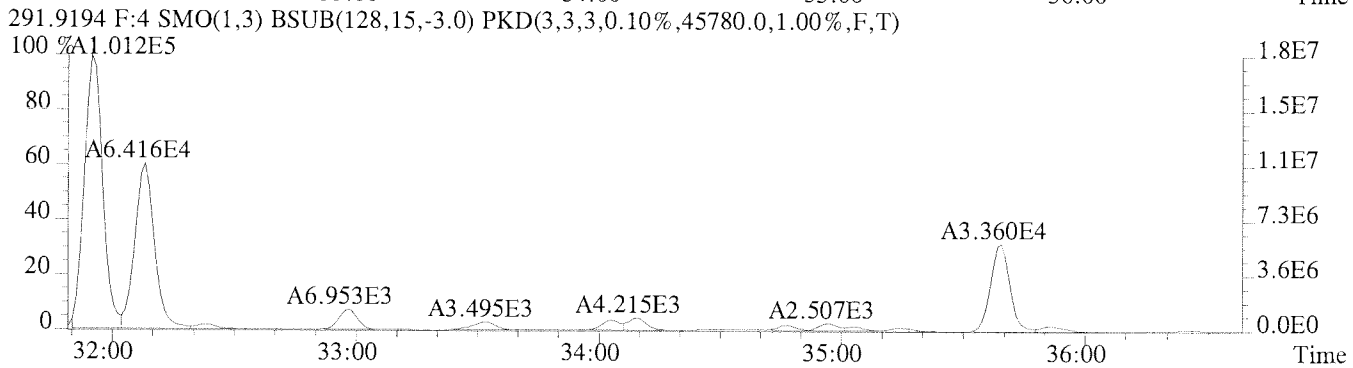
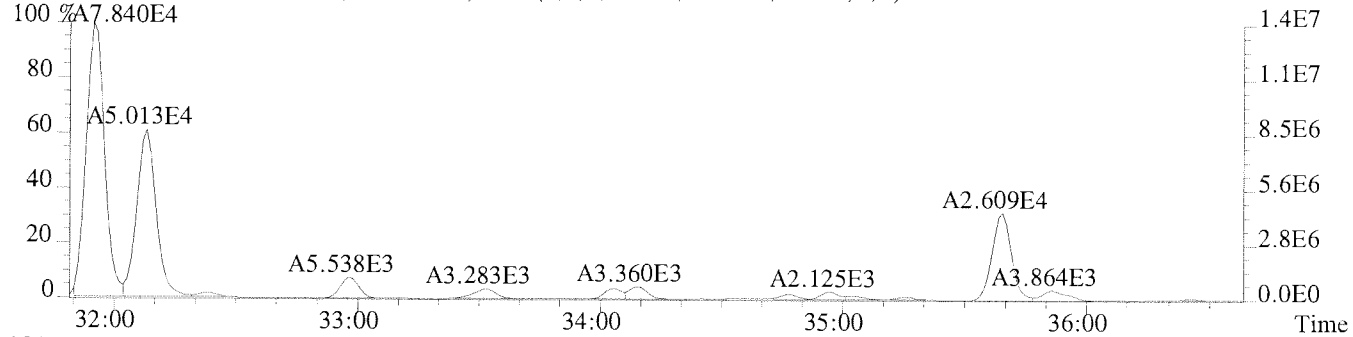


291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1552.0,1.00%,F,T)
 100 %



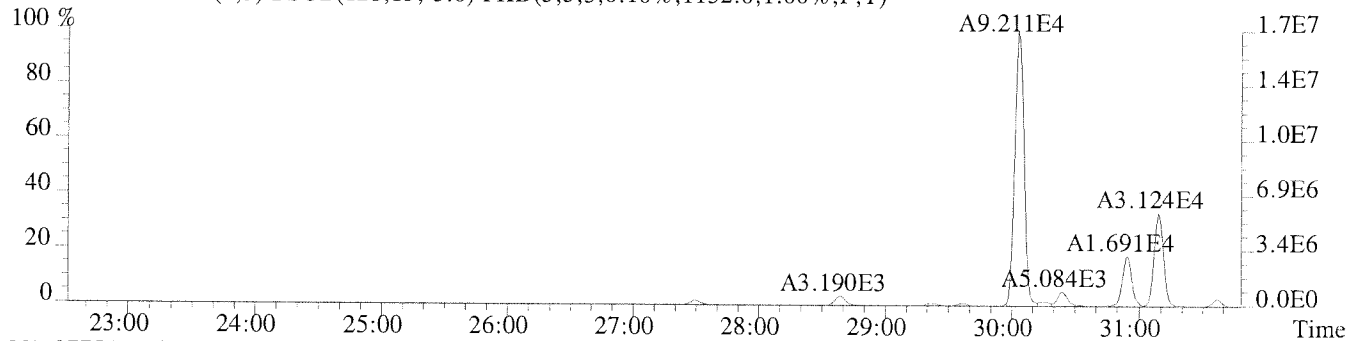
MANUAL INTEGRATION EXPLANATION
 1. POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER
 ANALYST MC REVIEWER BY
 01/17/11 01/19/11

File:U224762 #1-309 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-010 USENE/W081
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,35740.0,1.00%,F,T)
 100 %A7.840E4

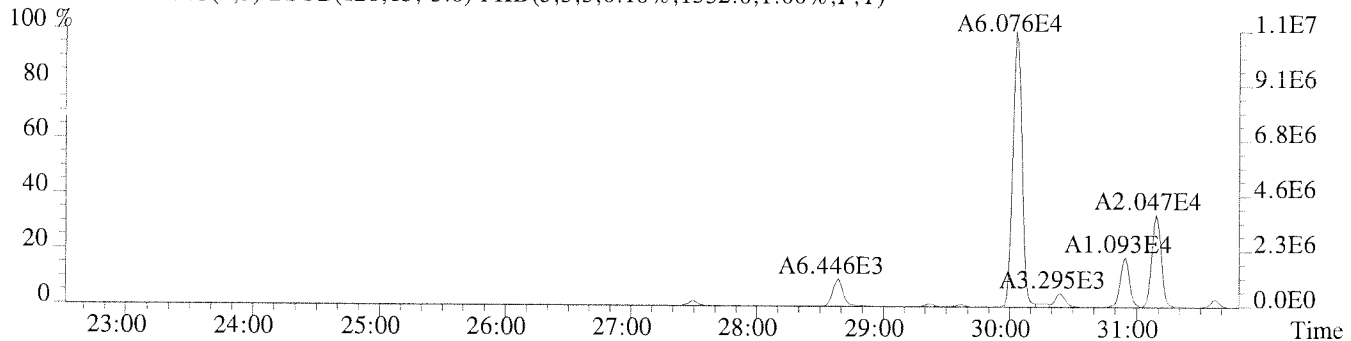


File:U224762 #1-594 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081

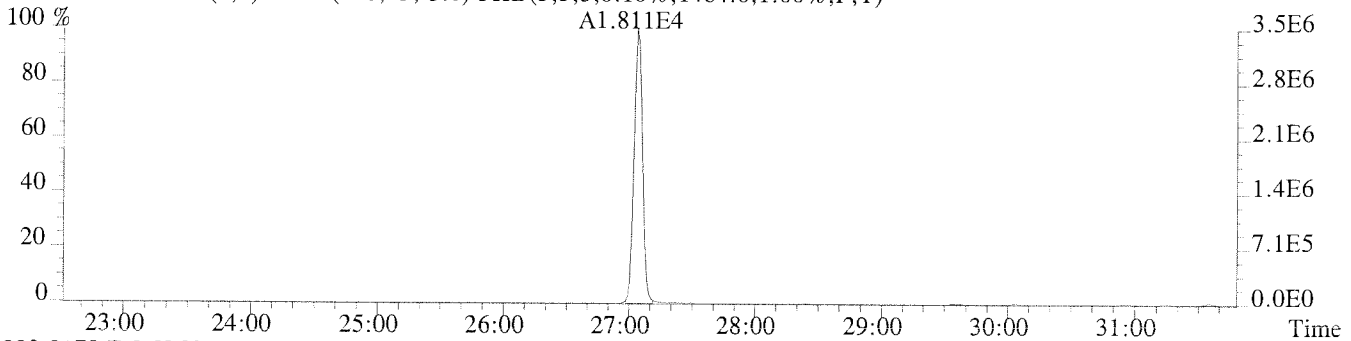
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1132.0,1.00%,F,T)



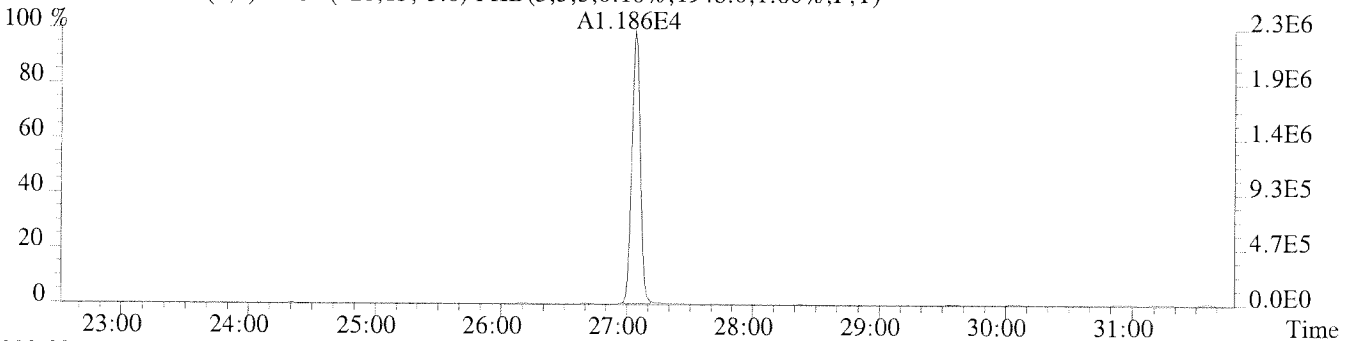
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1332.0,1.00%,F,T)



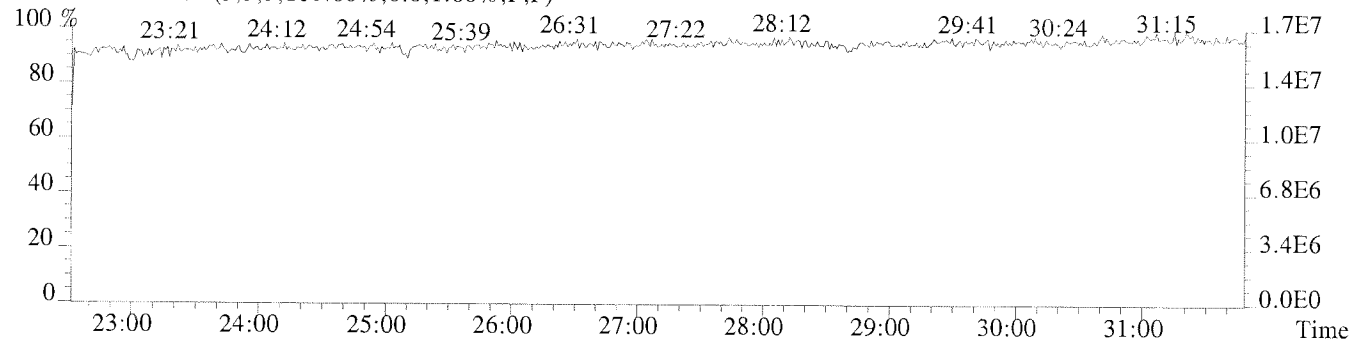
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1484.0,1.00%,F,T)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1948.0,1.00%,F,T)

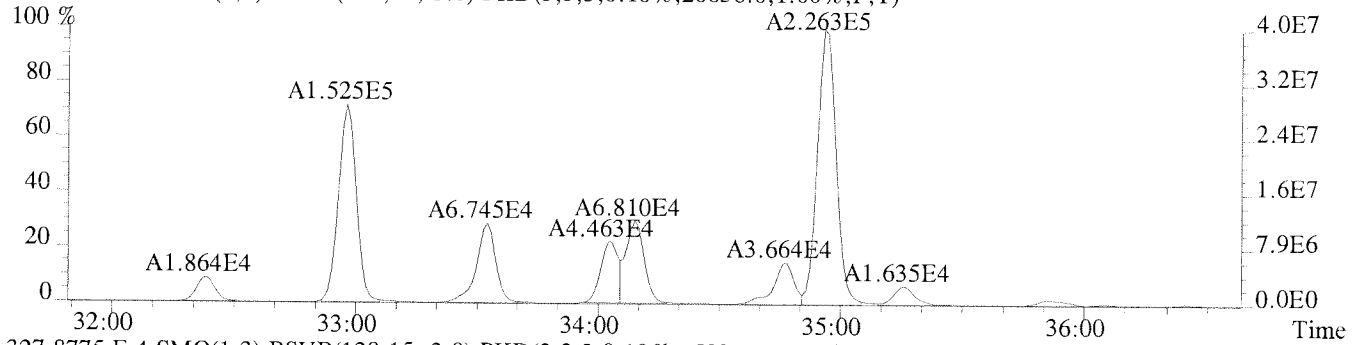


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

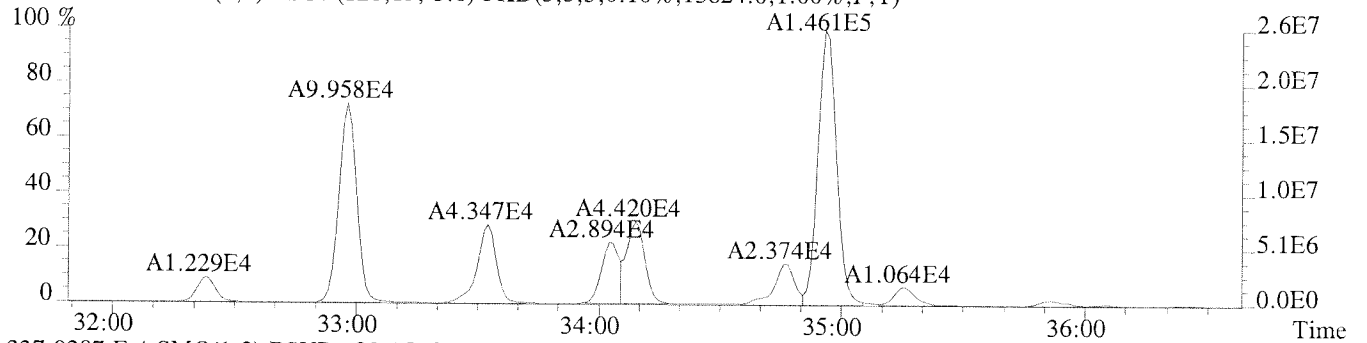


File:U224762 #1-309 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081

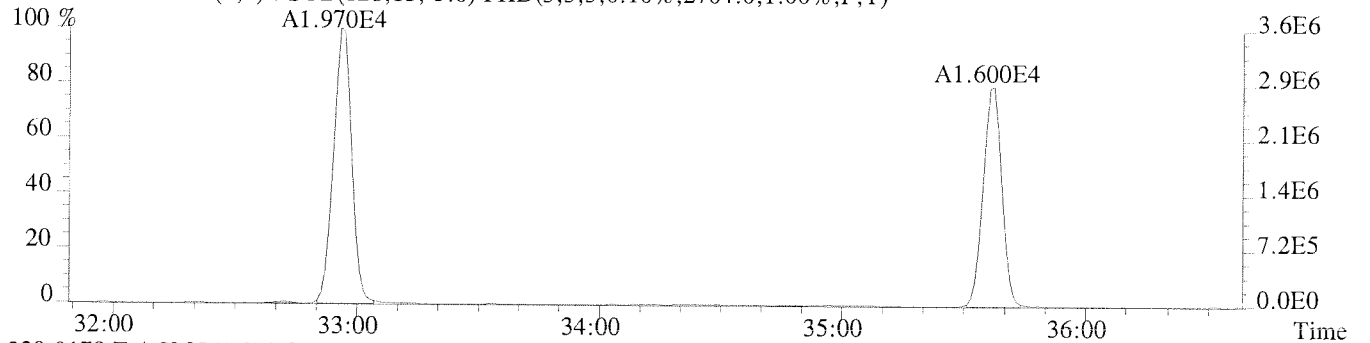
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,20656.0,1.00%,F,T)



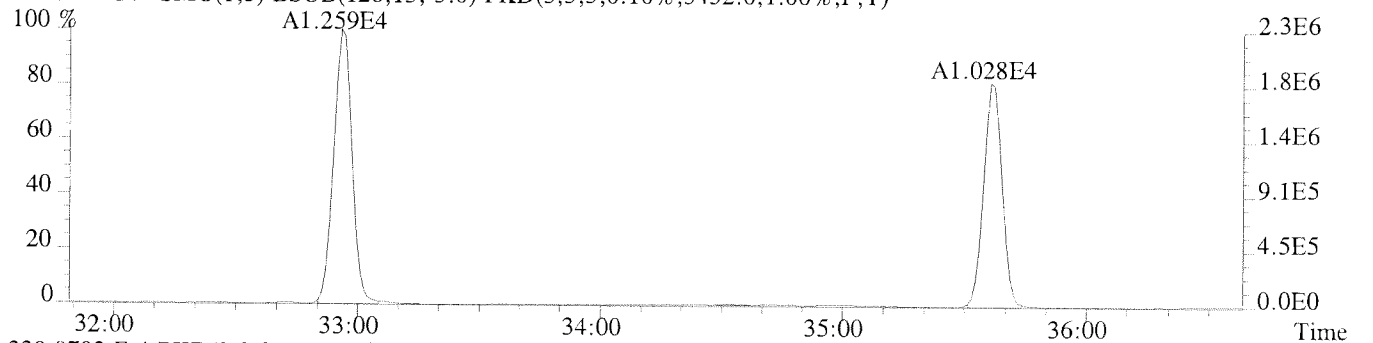
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15824.0,1.00%,F,T)



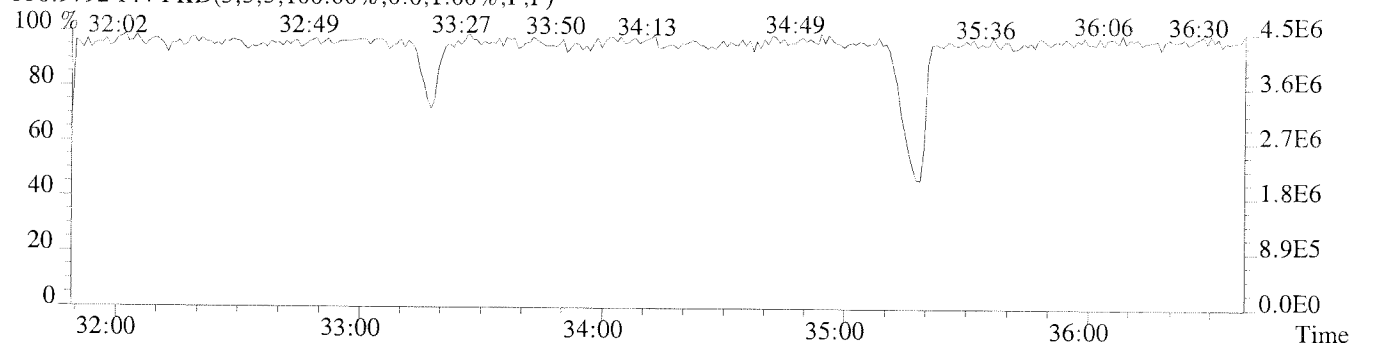
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2704.0,1.00%,F,T)



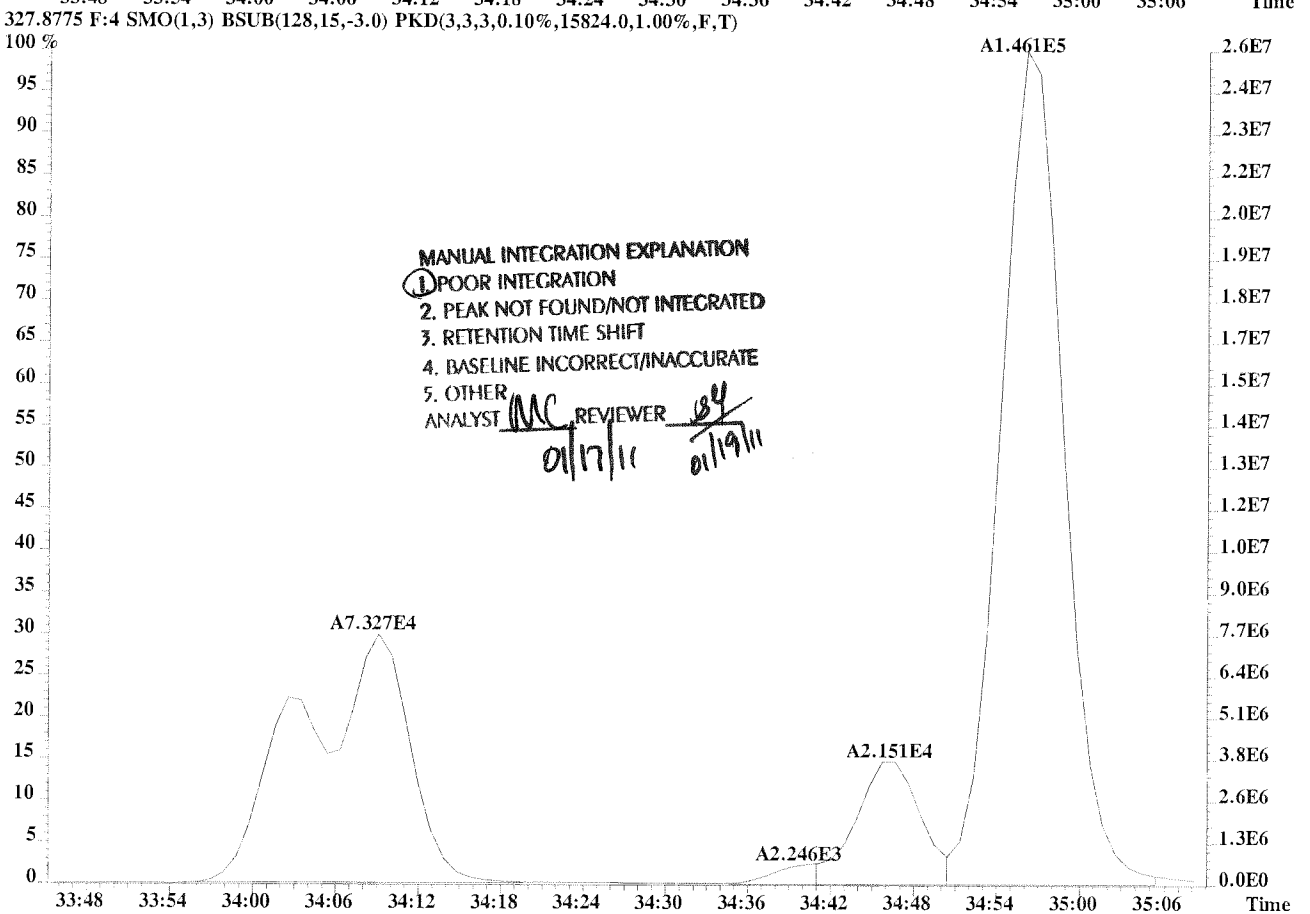
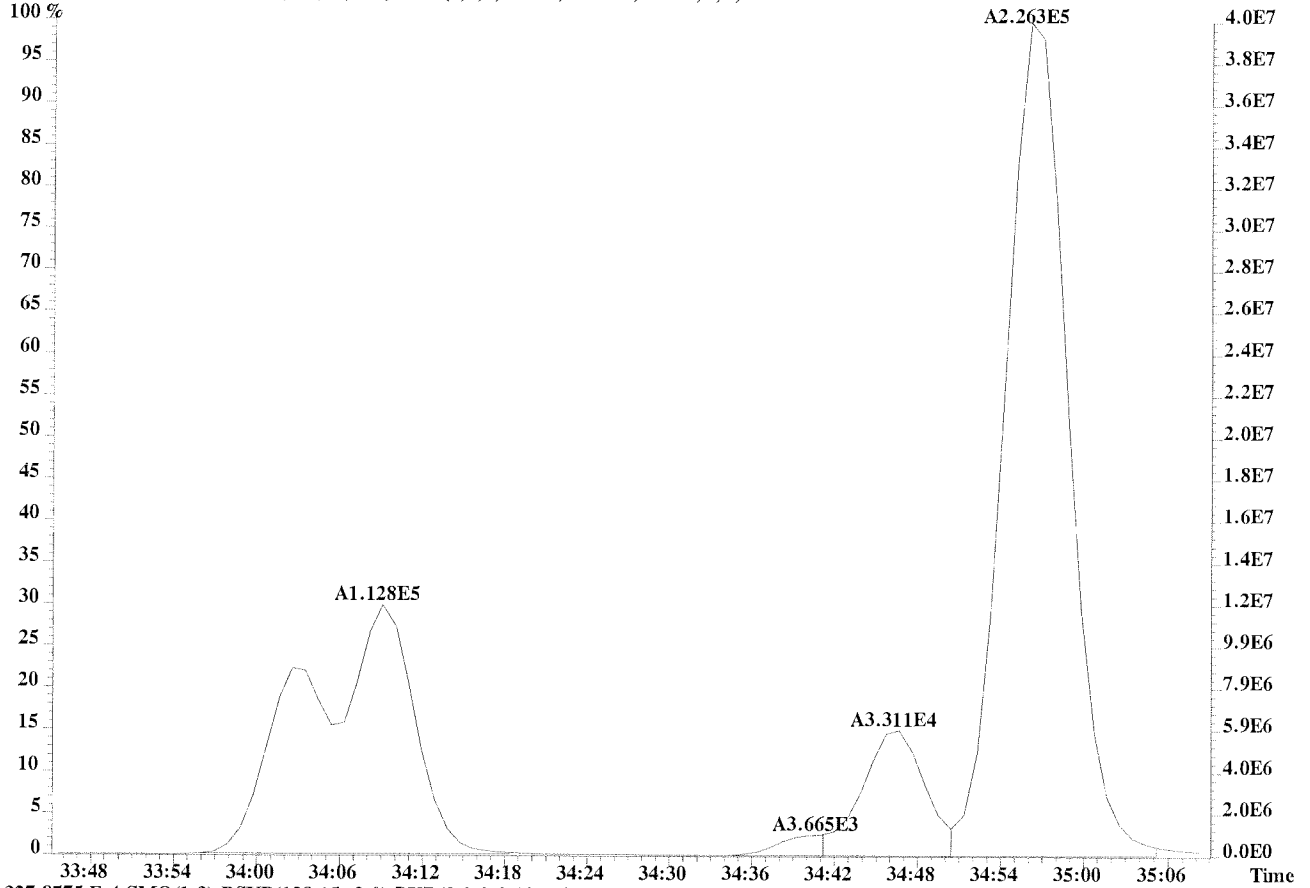
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3432.0,1.00%,F,T)



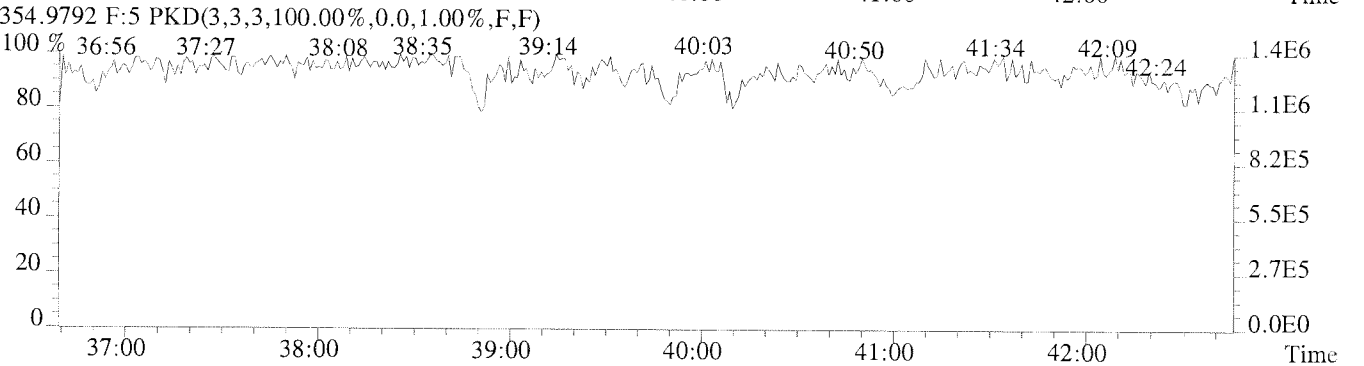
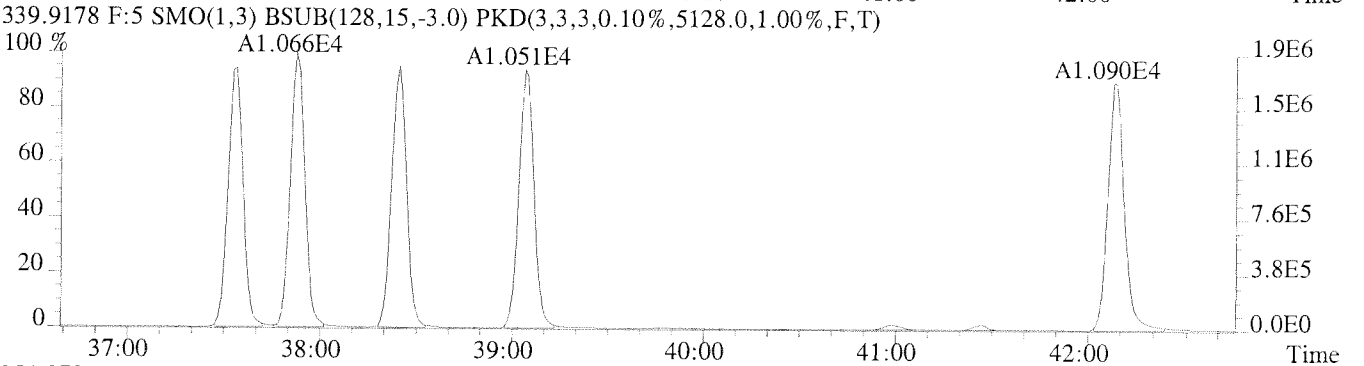
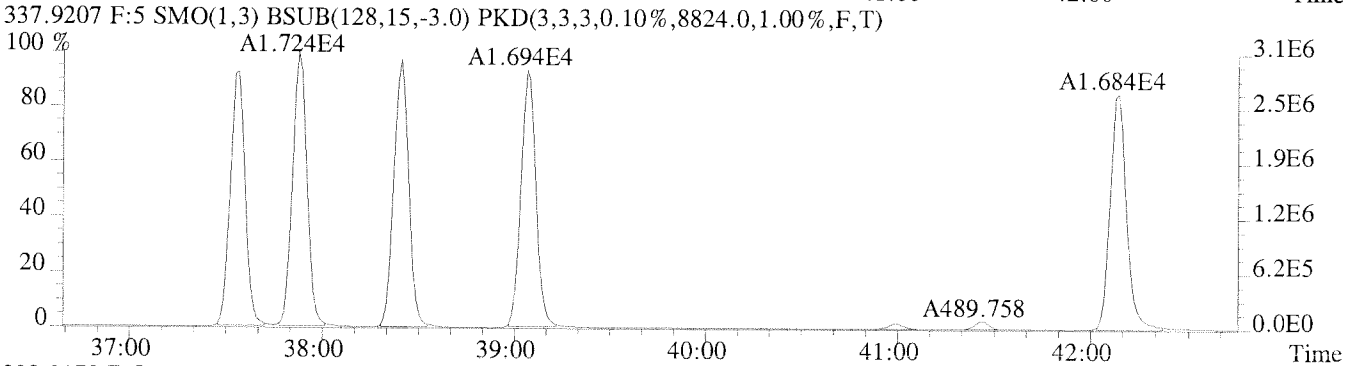
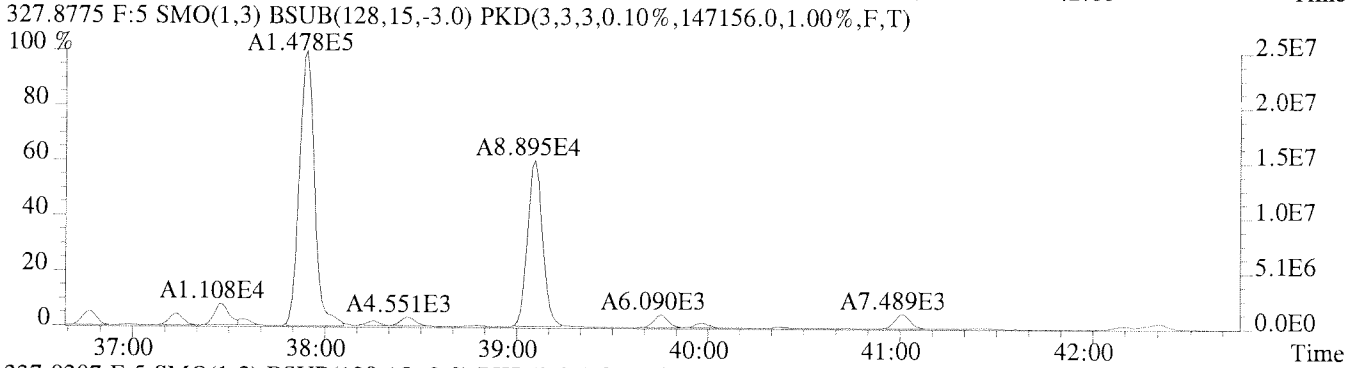
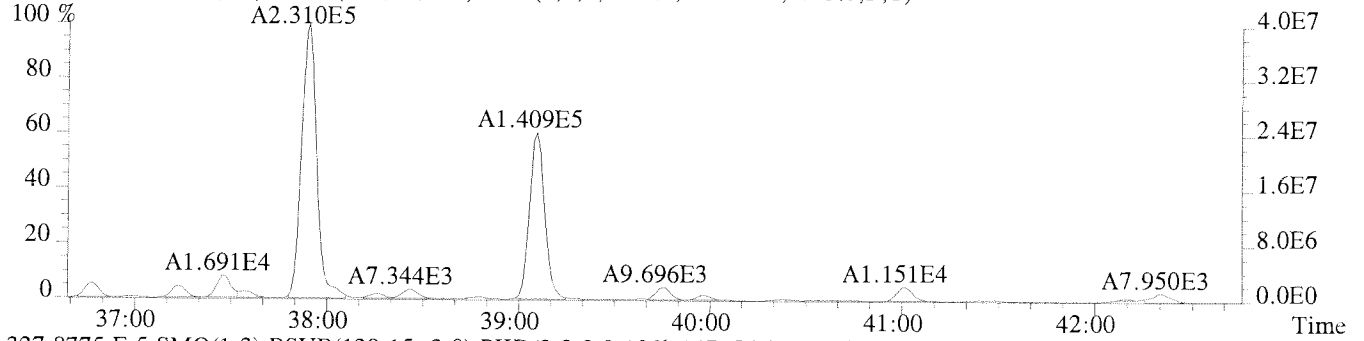
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



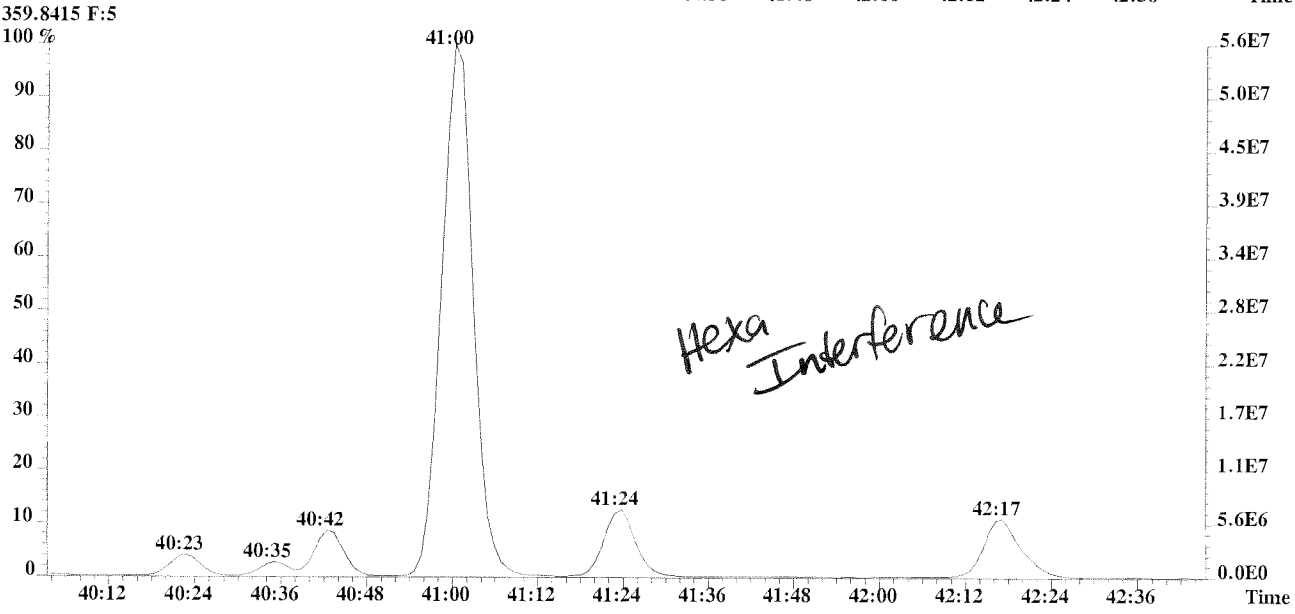
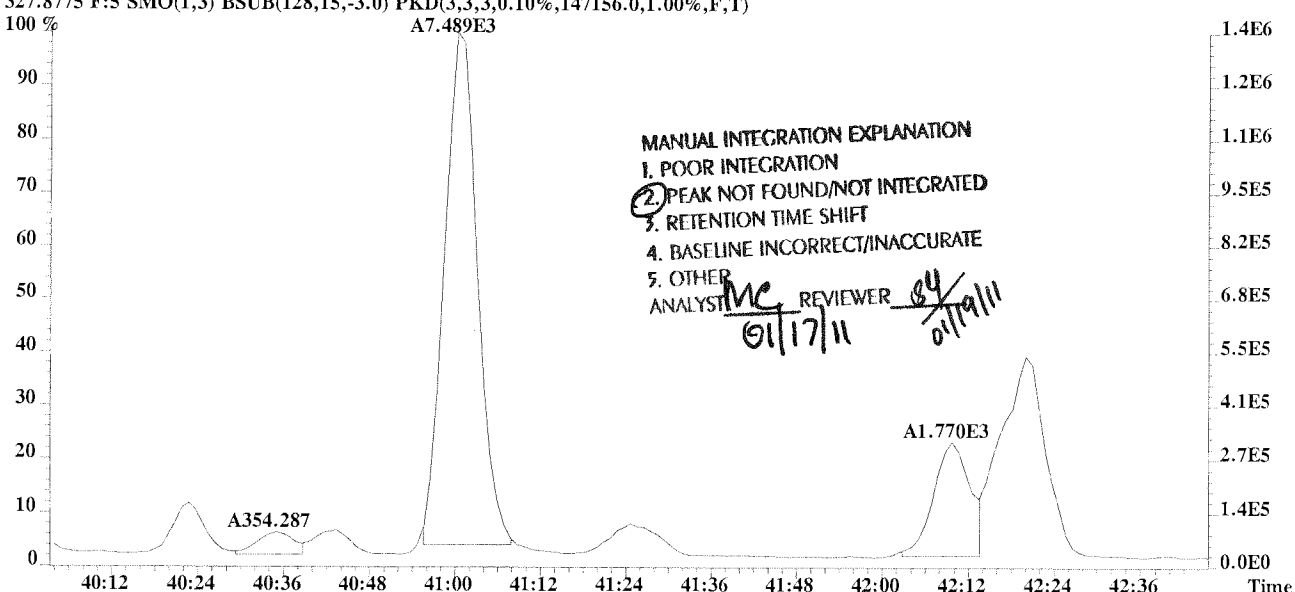
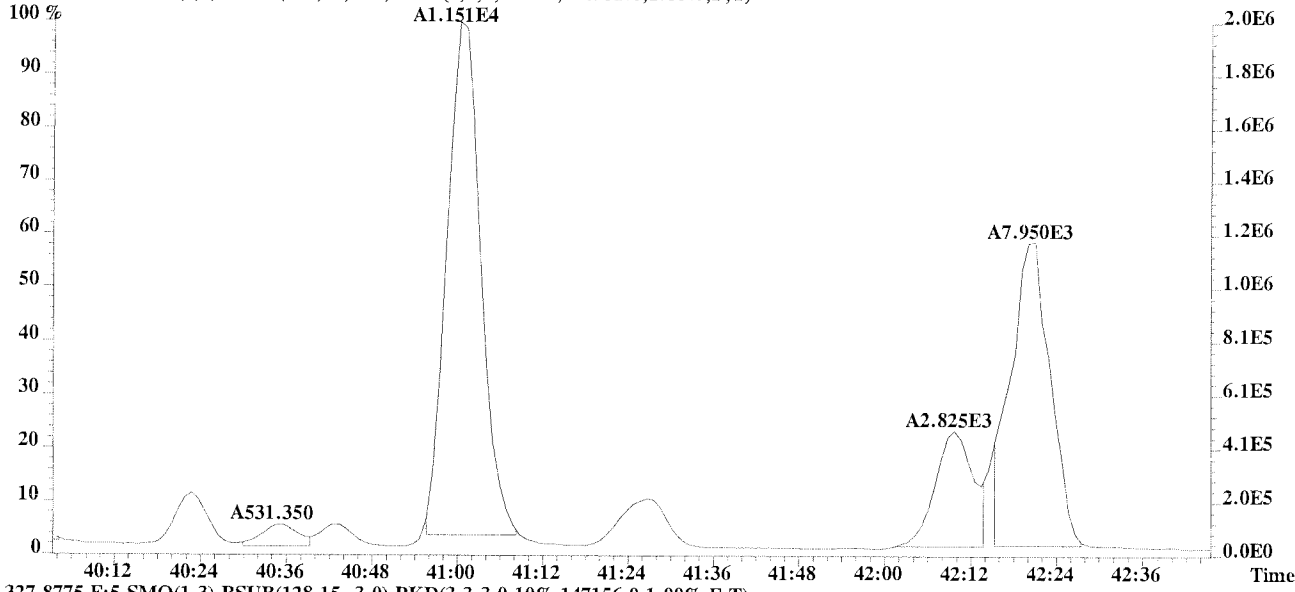
File:U224762 #1-309 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-010 USENE/W081
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,20656.0,1.00%,F,T)



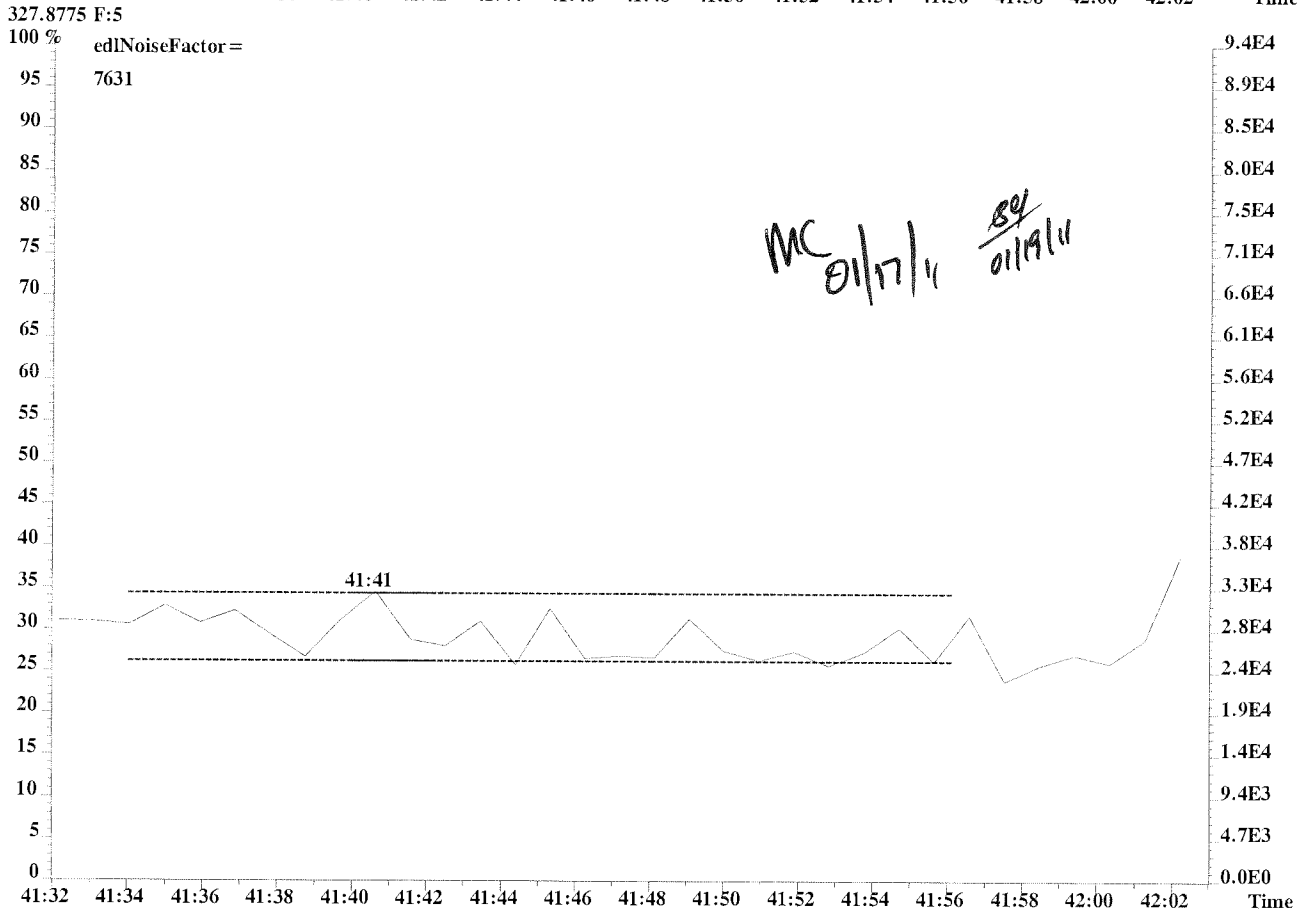
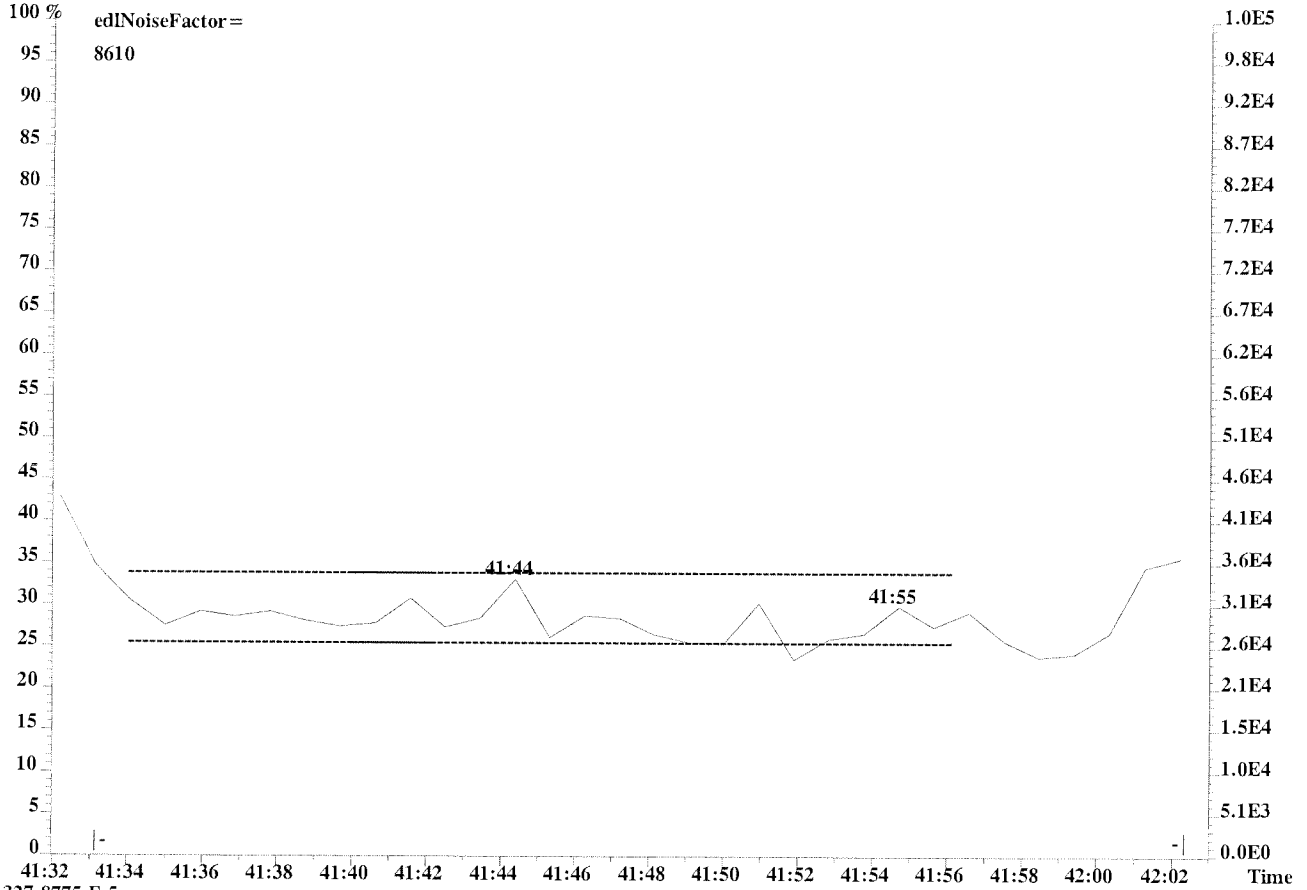
File:U224762 #1-391 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,176932.0,1.00%,F,T)



File:U224762 #1-391 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-010 USENE/W081
 325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,176932.0,1.00%,F,T)

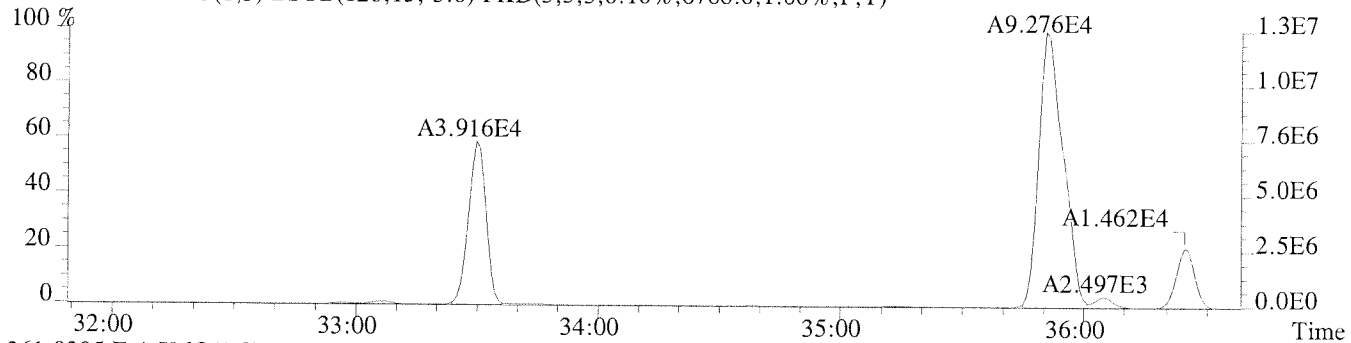


File:U224762 #1-391 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-010 USENE/W081
325.8804 F:5

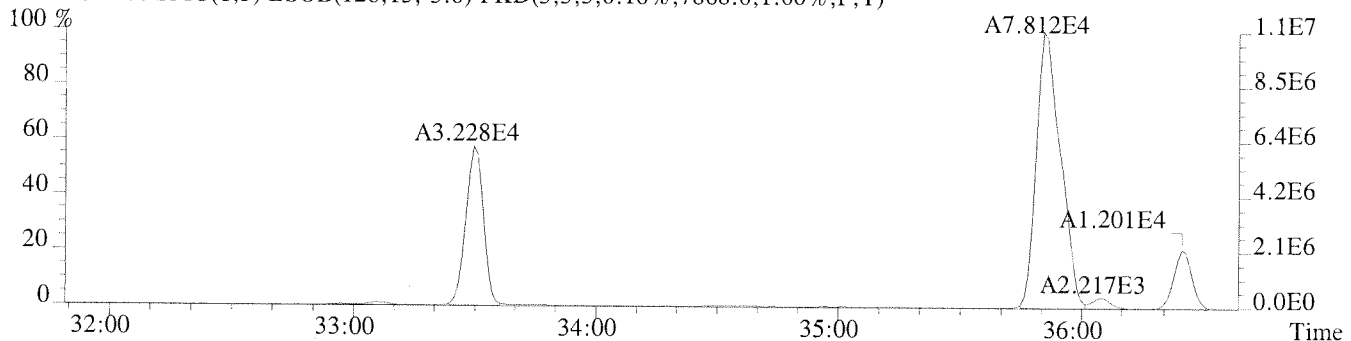


File:U224762 #1-309 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081

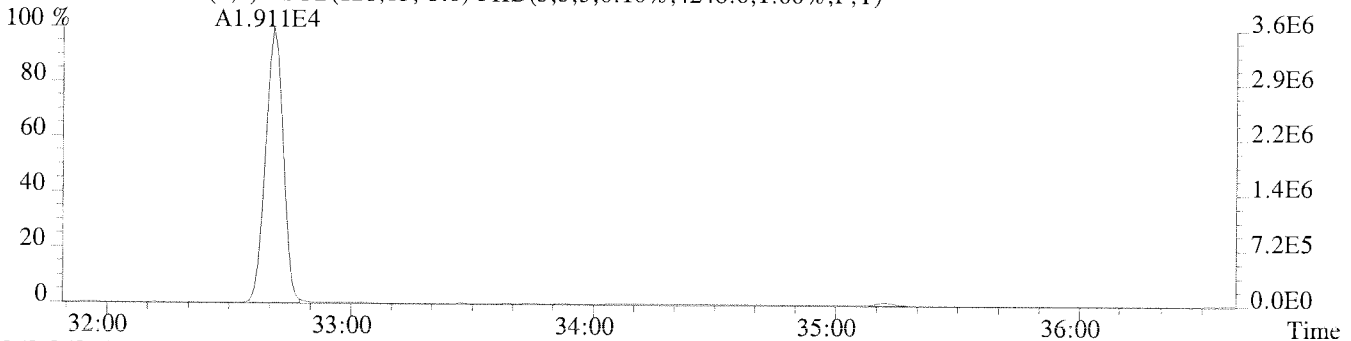
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6768.0,1.00%,F,T)



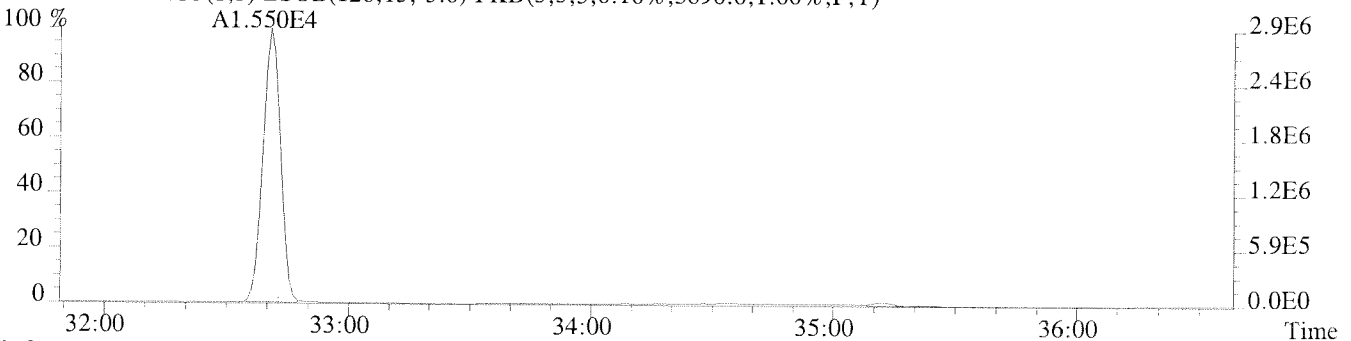
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7868.0,1.00%,F,T)



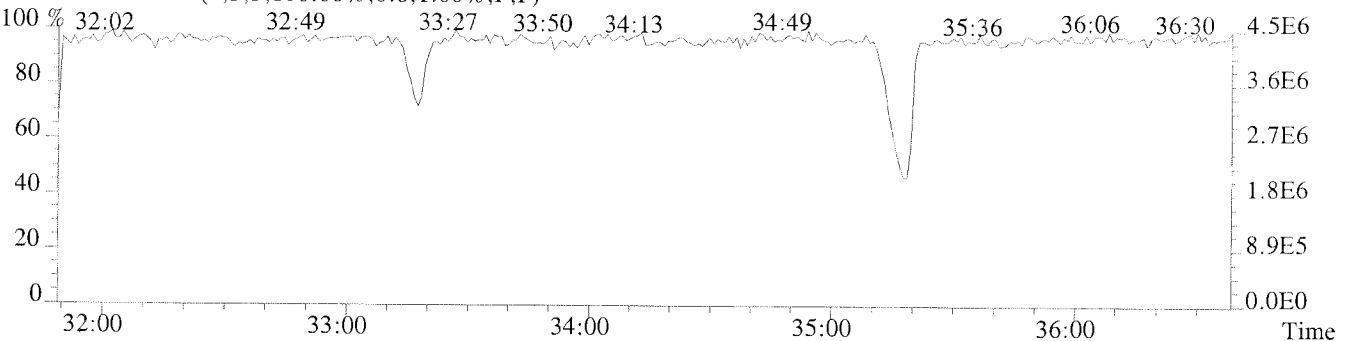
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4248.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5896.0,1.00%,F,T)

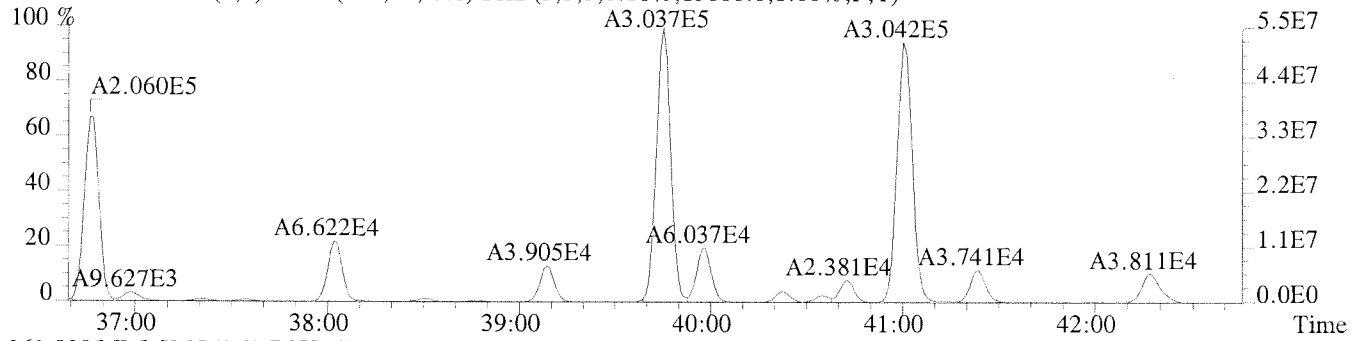


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

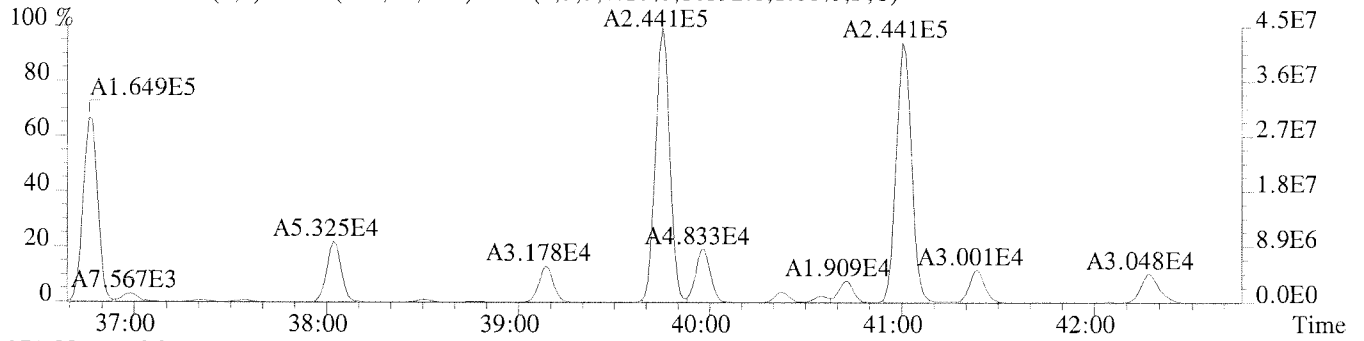


File:U224762 #1-391 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081

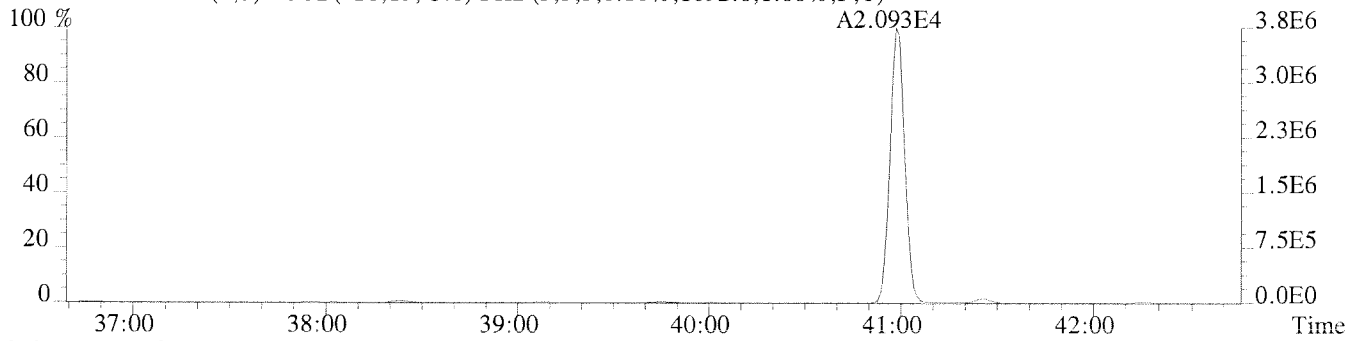
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15808.0,1.00%,F,T)



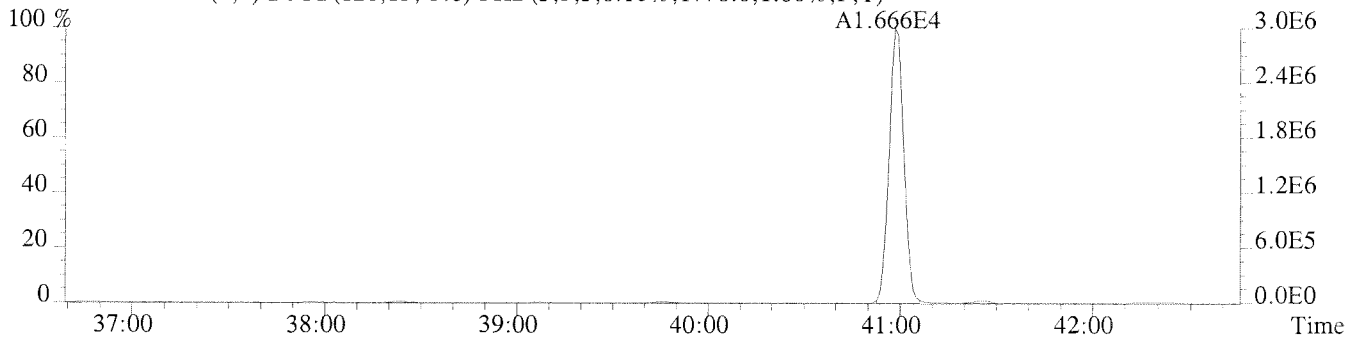
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16392.0,1.00%,F,T)



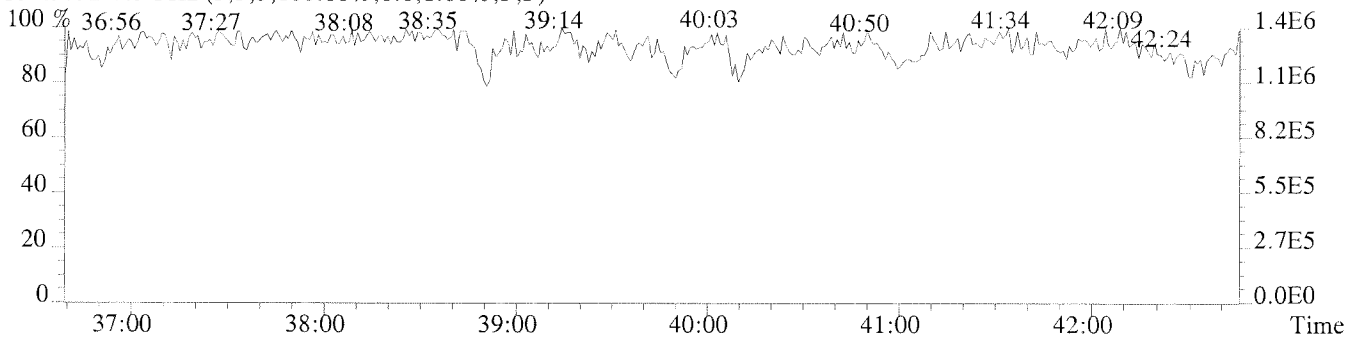
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1692.0,1.00%,F,T)

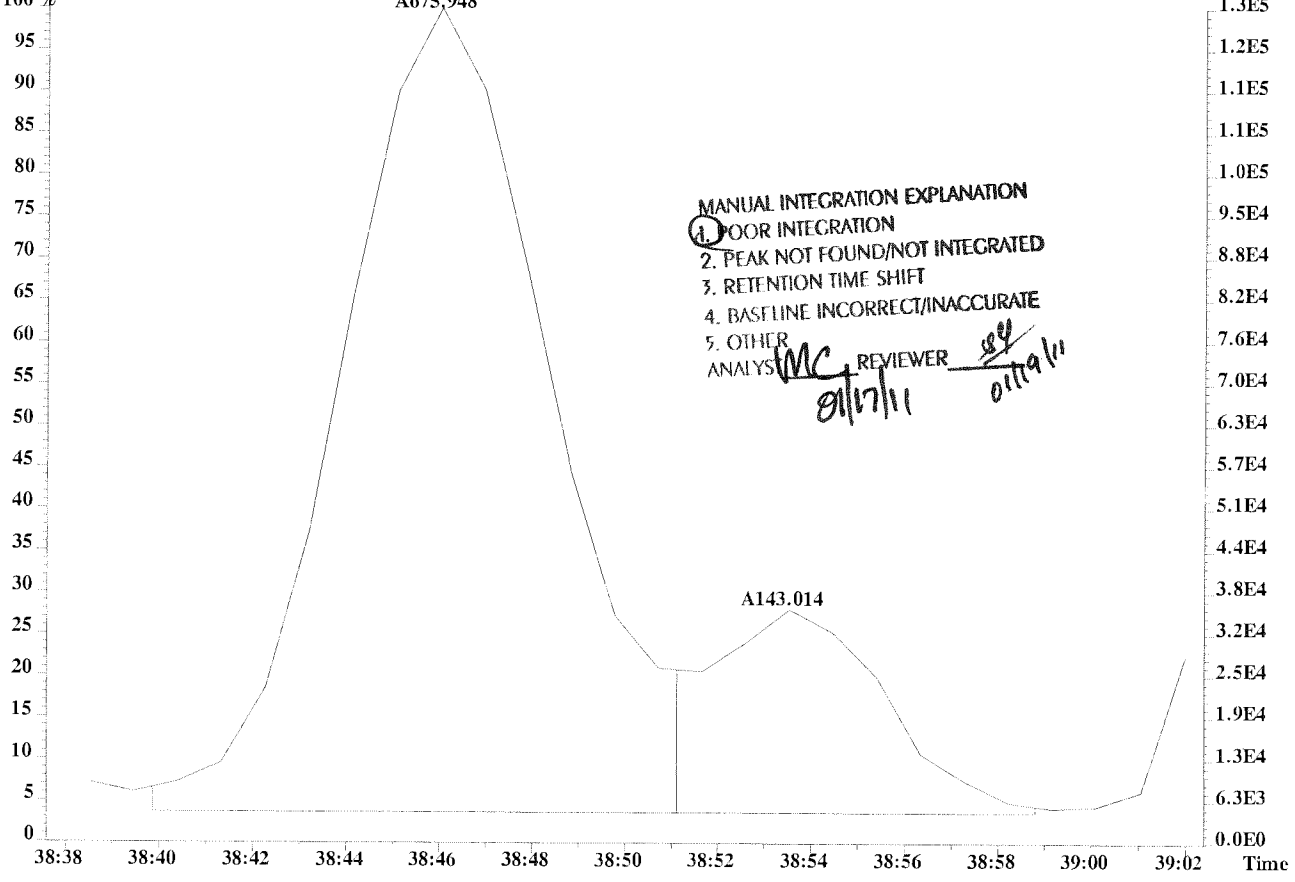
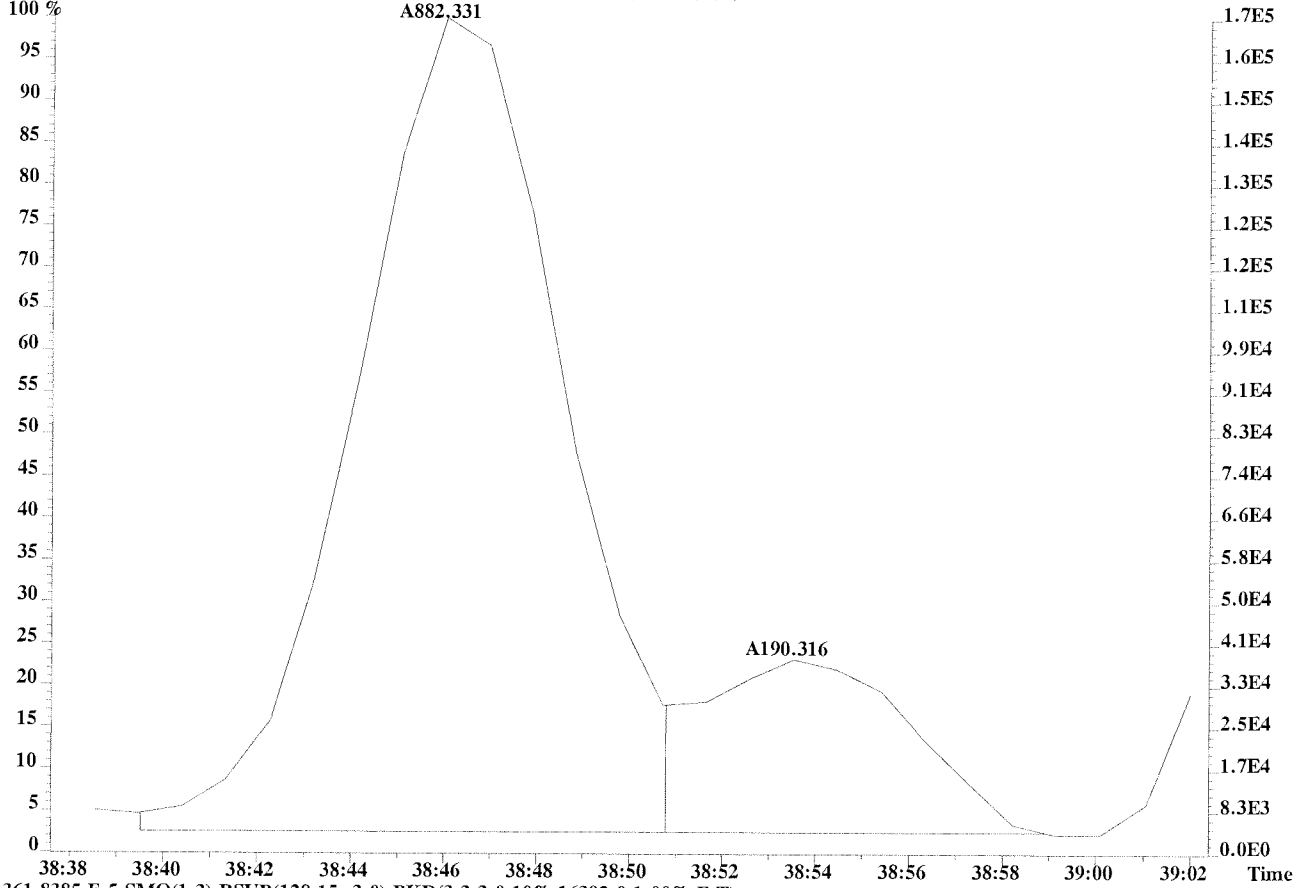


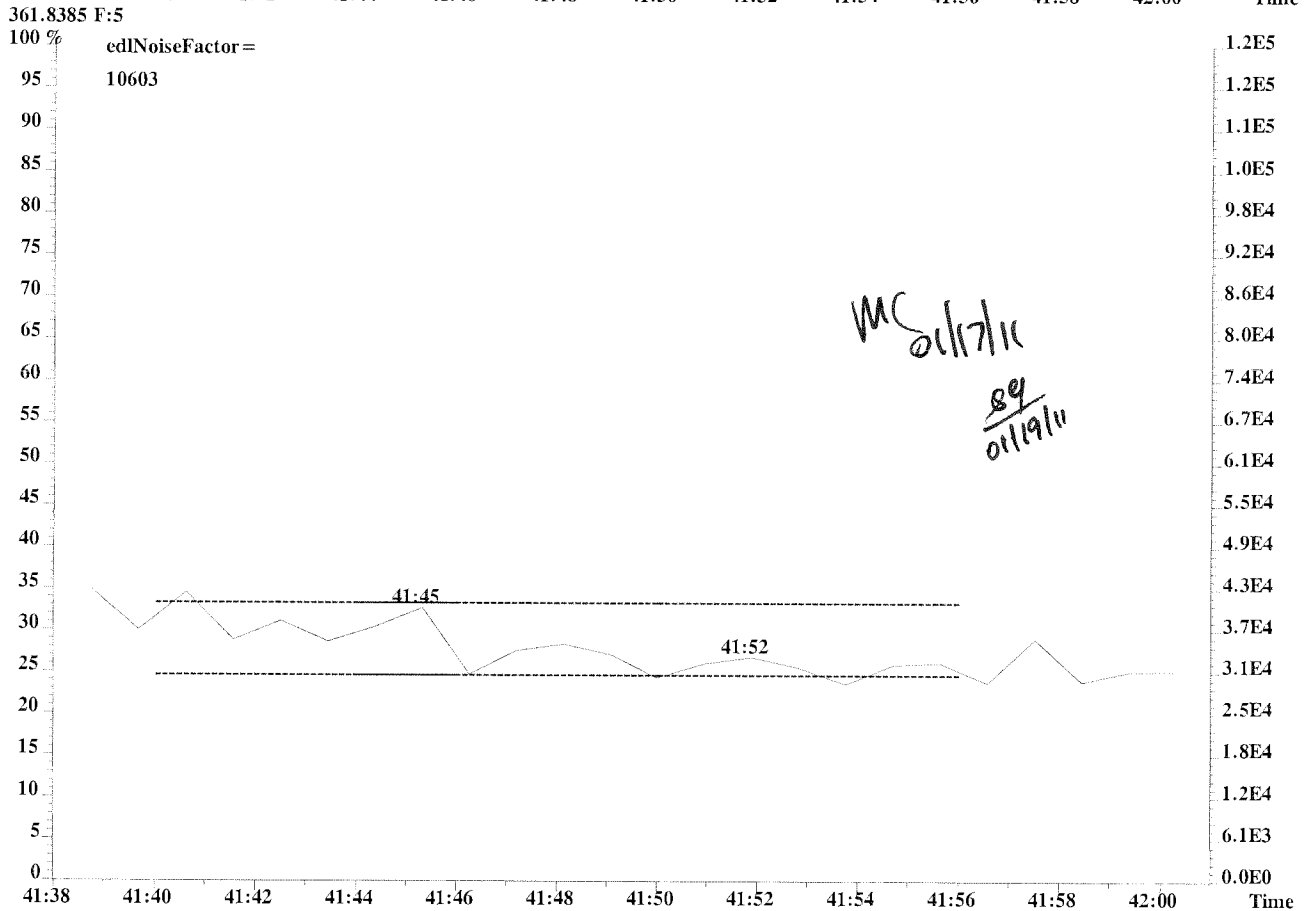
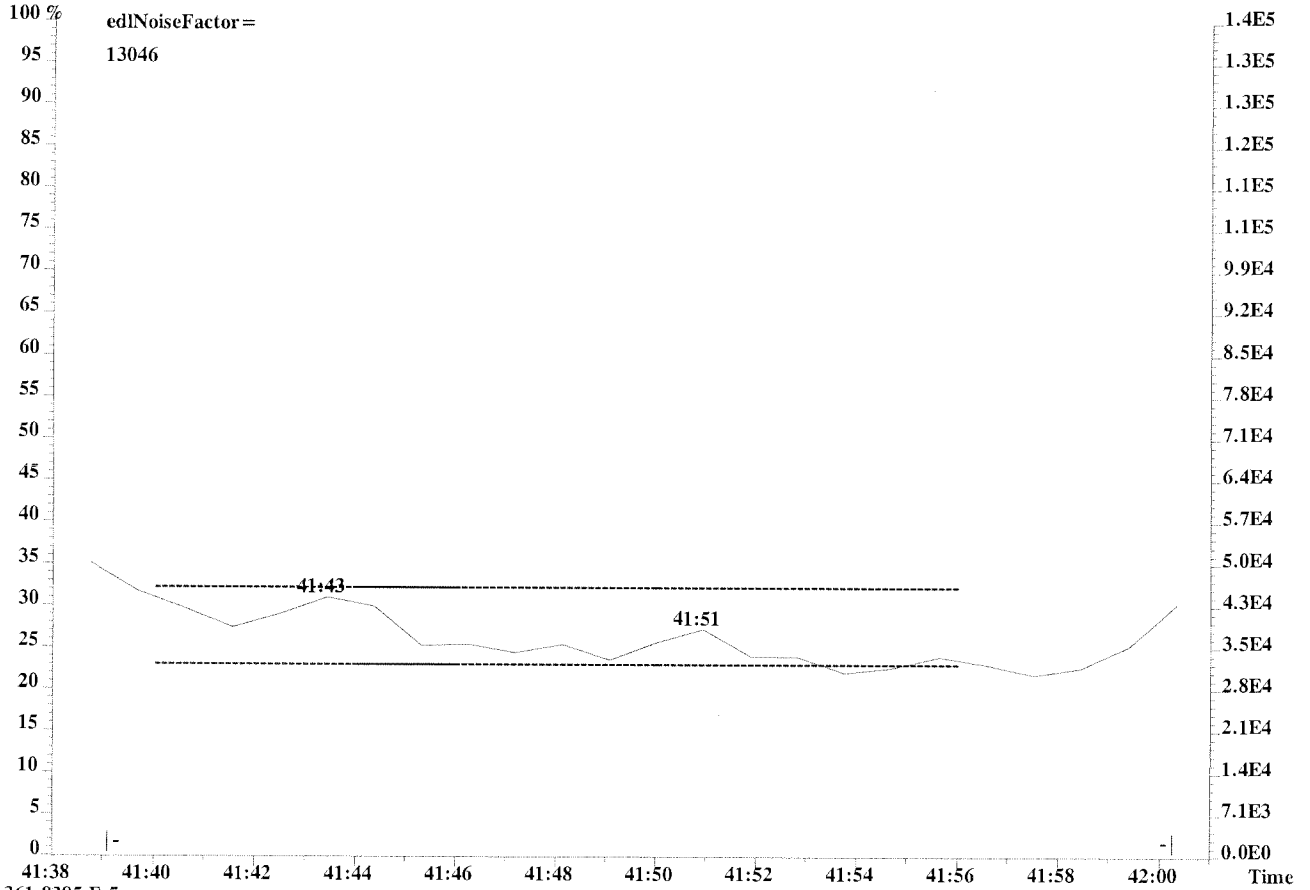
373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1776.0,1.00%,F,T)



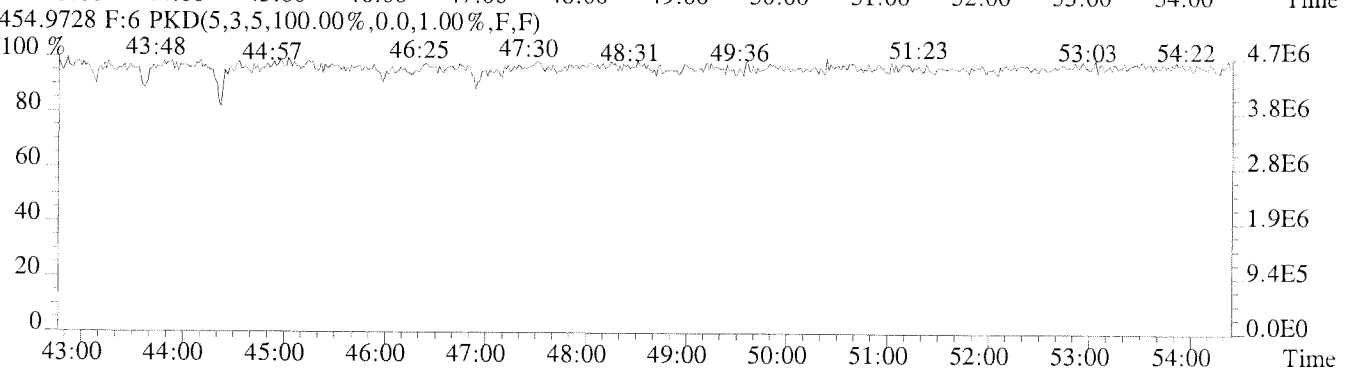
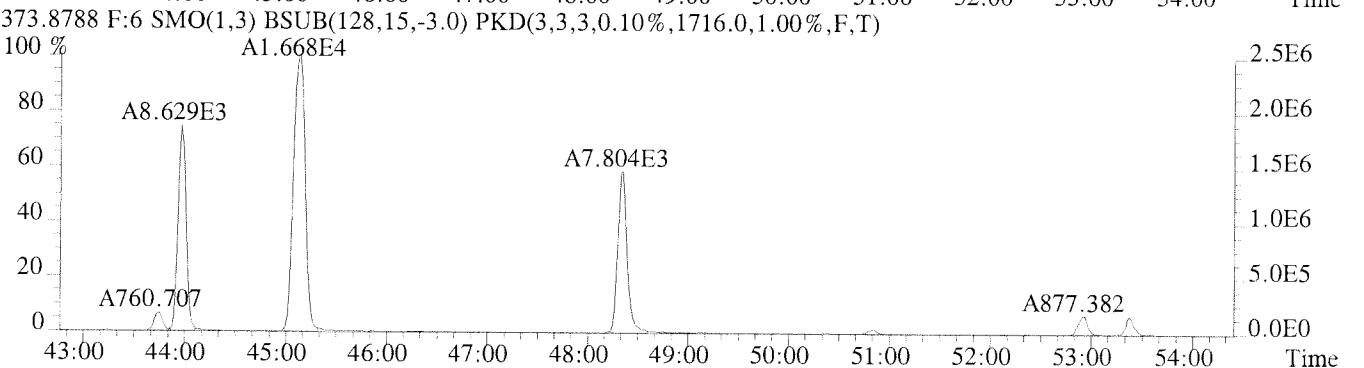
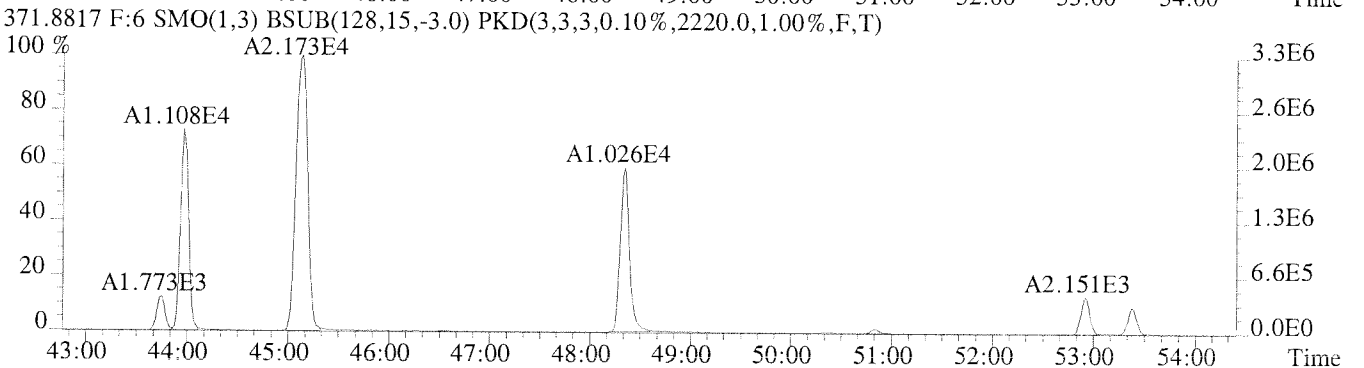
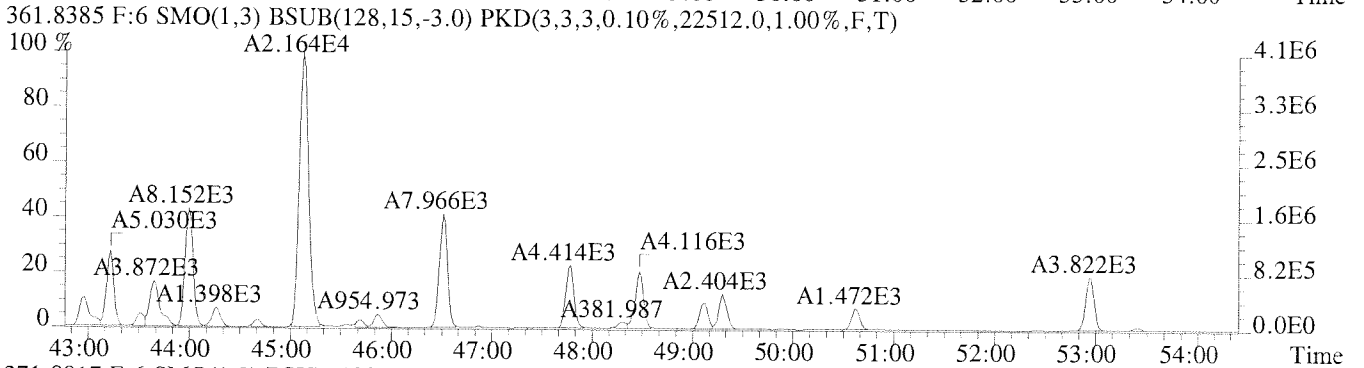
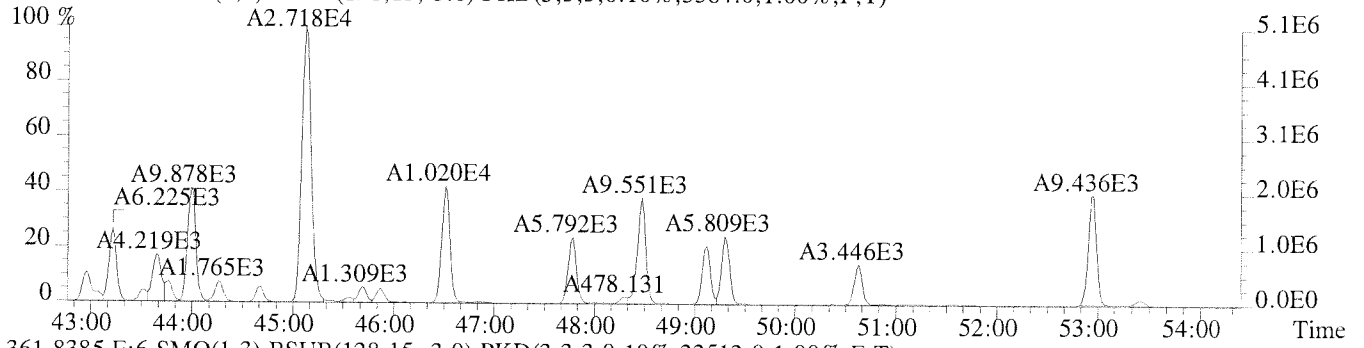
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

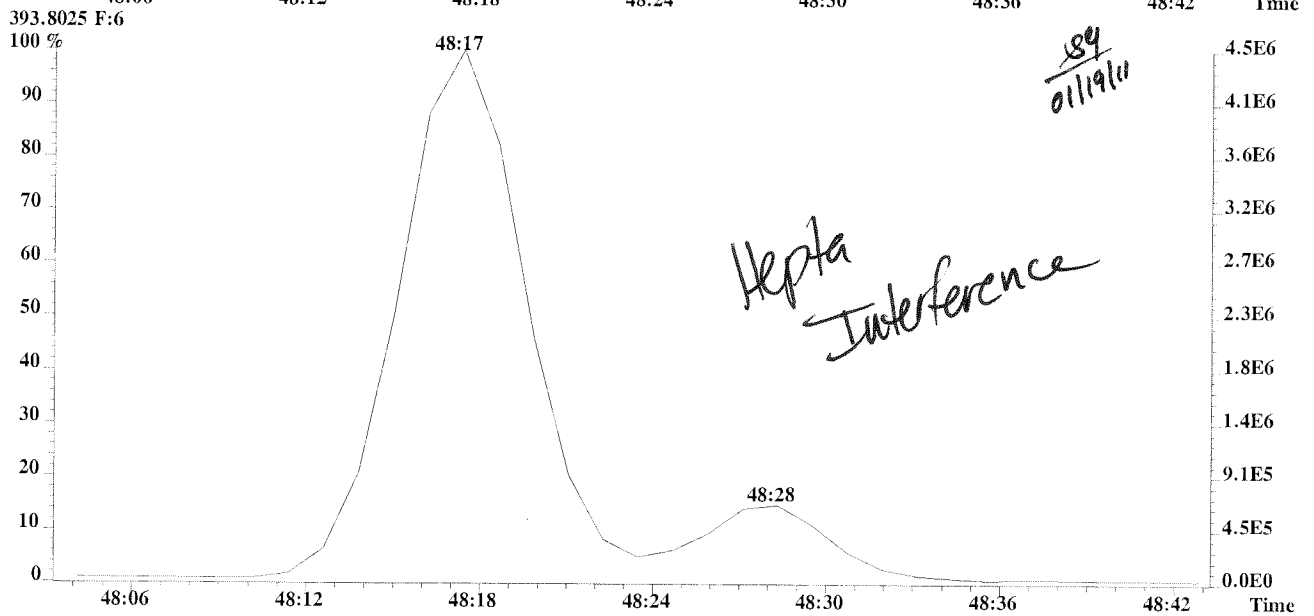
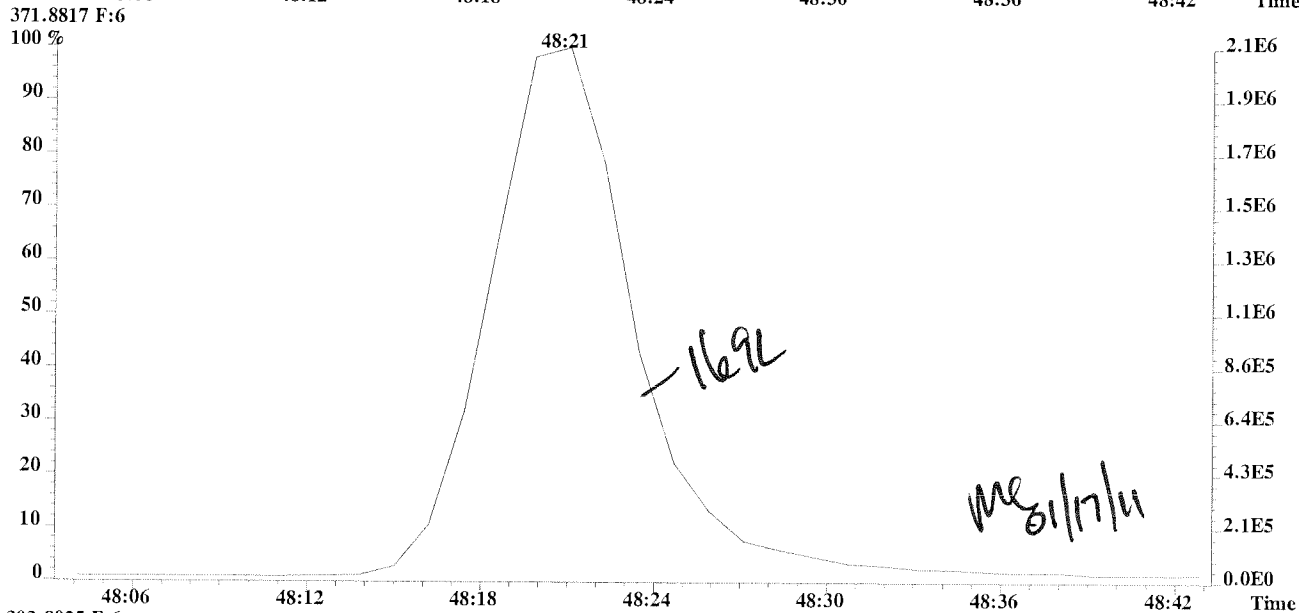
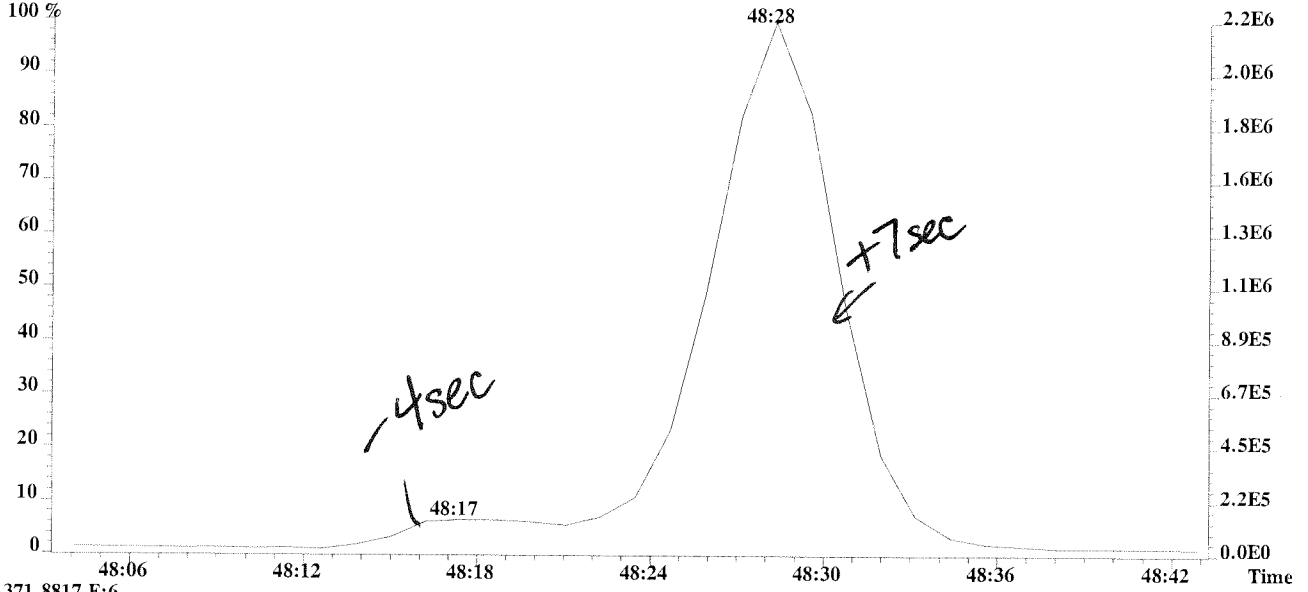






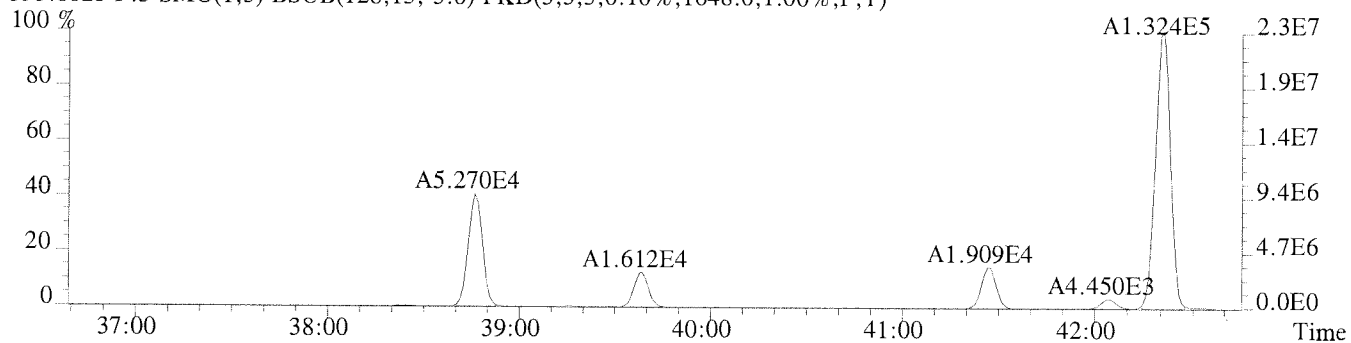
File:U224762 #1-577 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3384.0,1.00%,F,T)



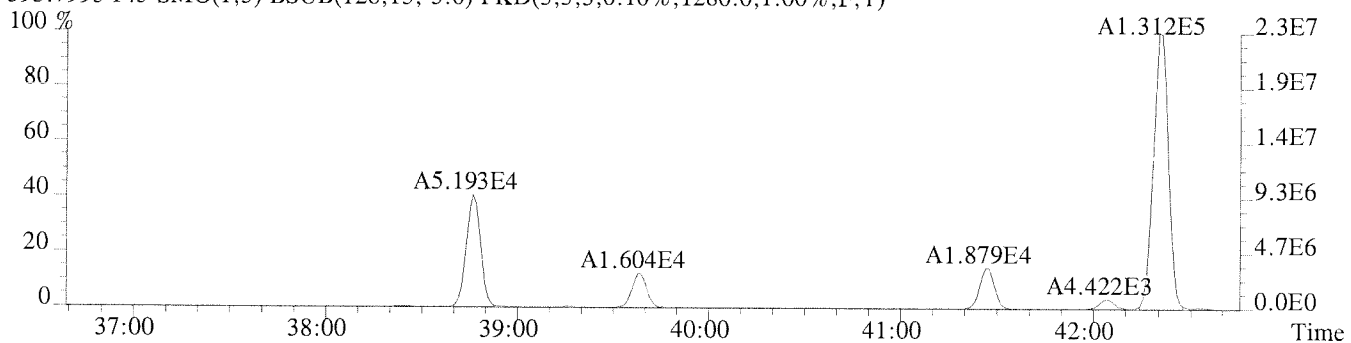


File:U224762 #1-391 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081

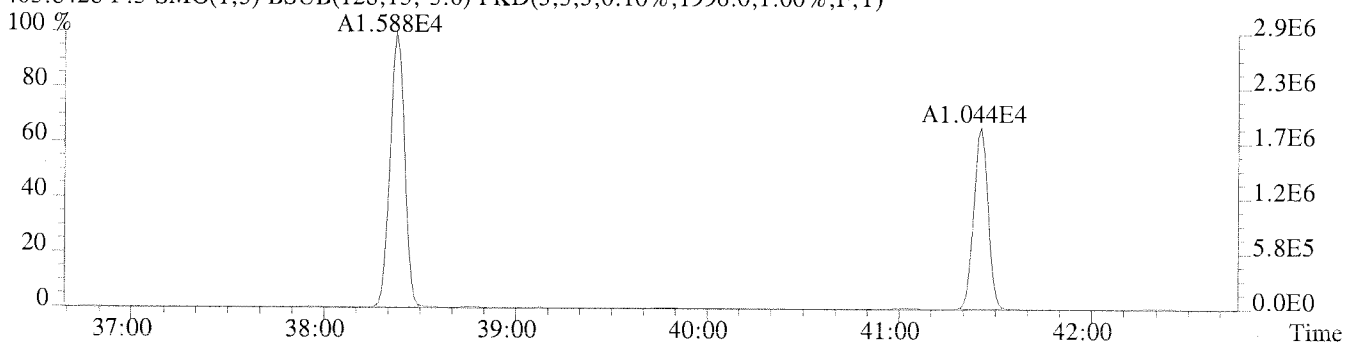
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1648.0,1.00%,F,T)



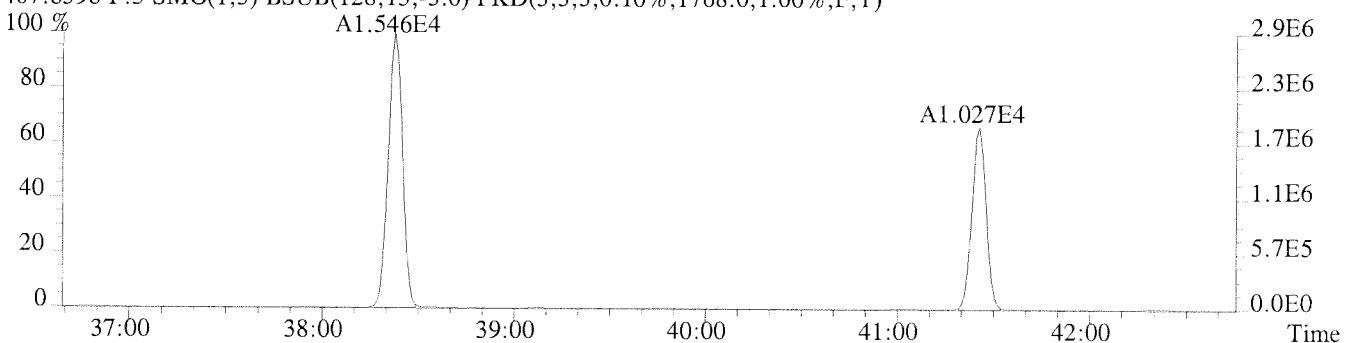
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,T)



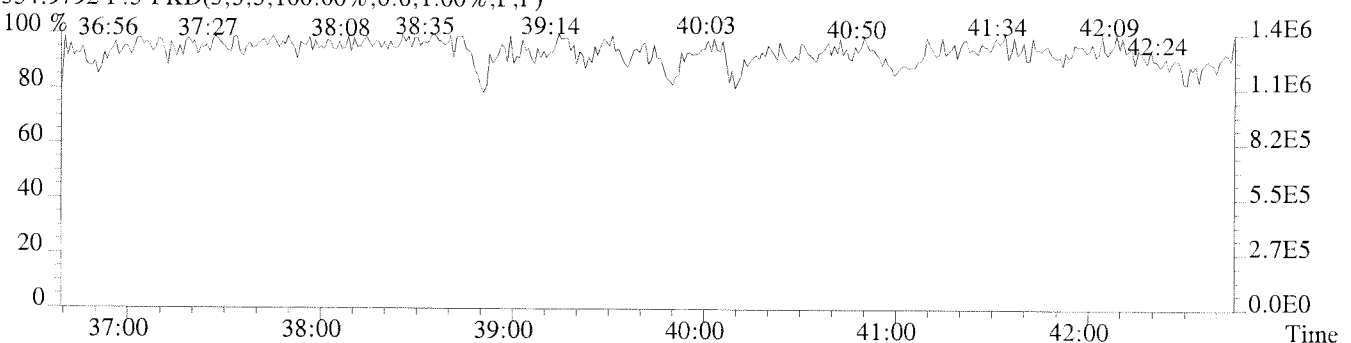
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1996.0,1.00%,F,T)



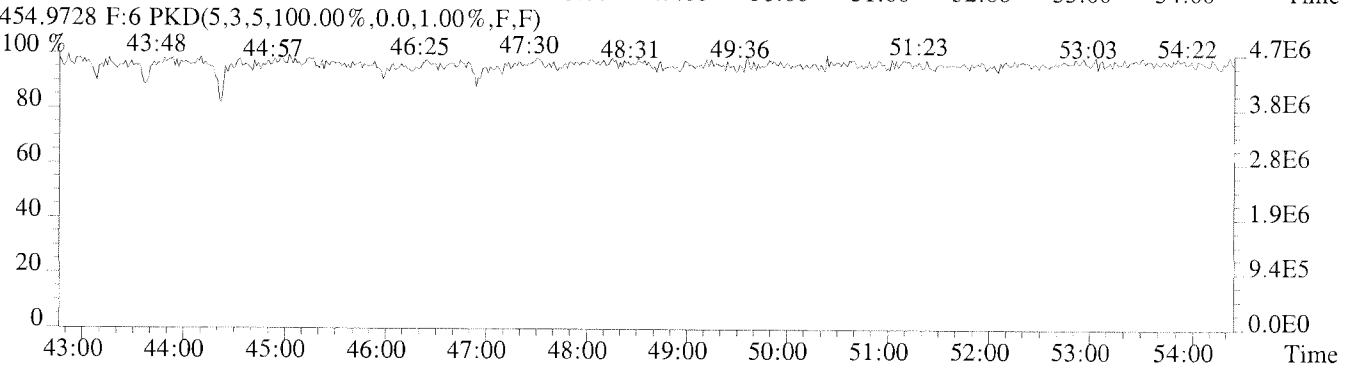
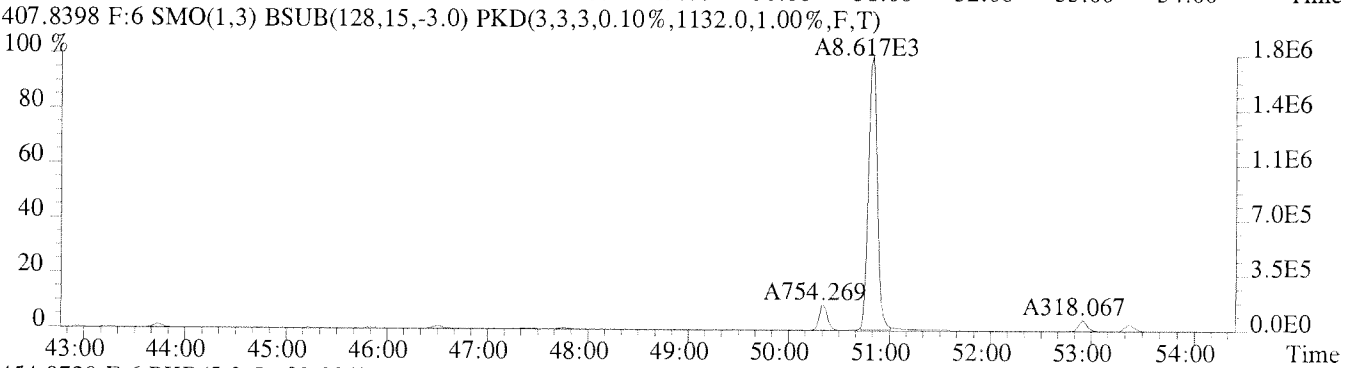
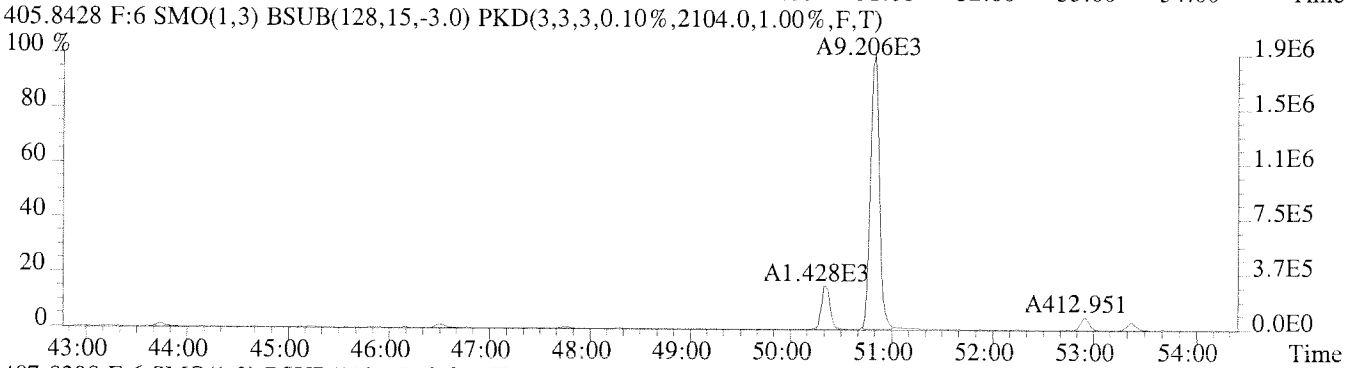
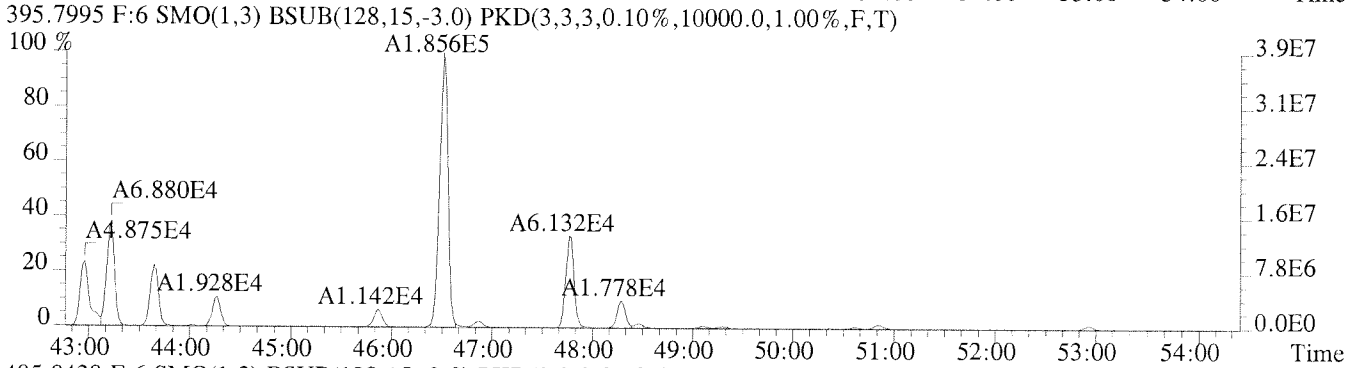
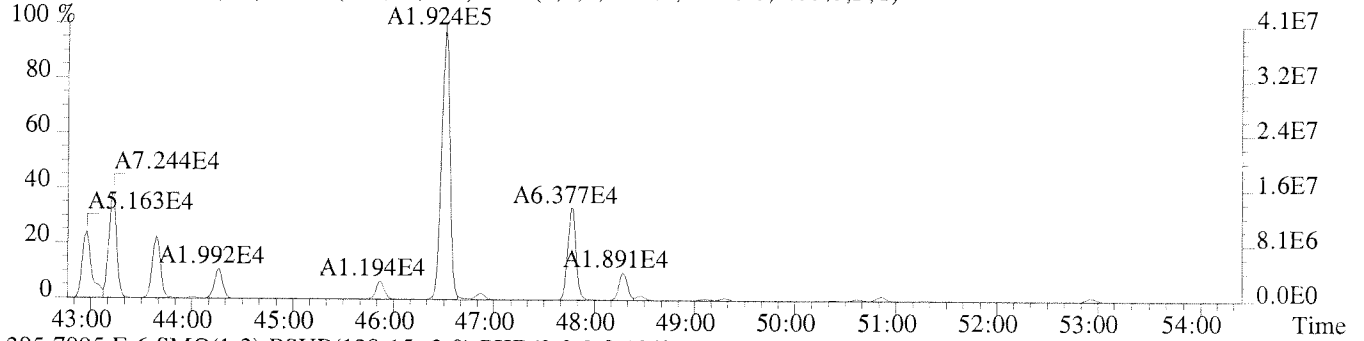
407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1768.0,1.00%,F,T)



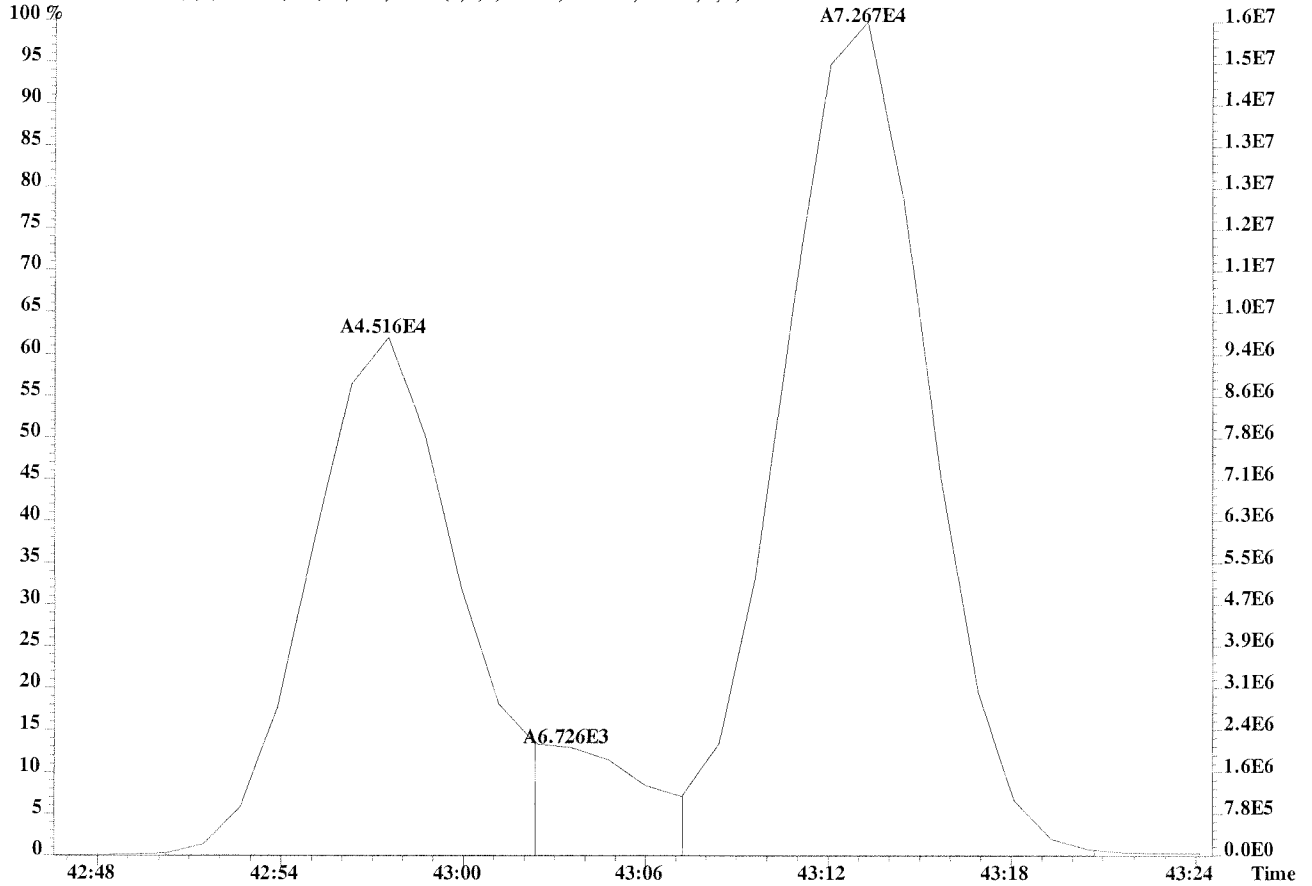
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



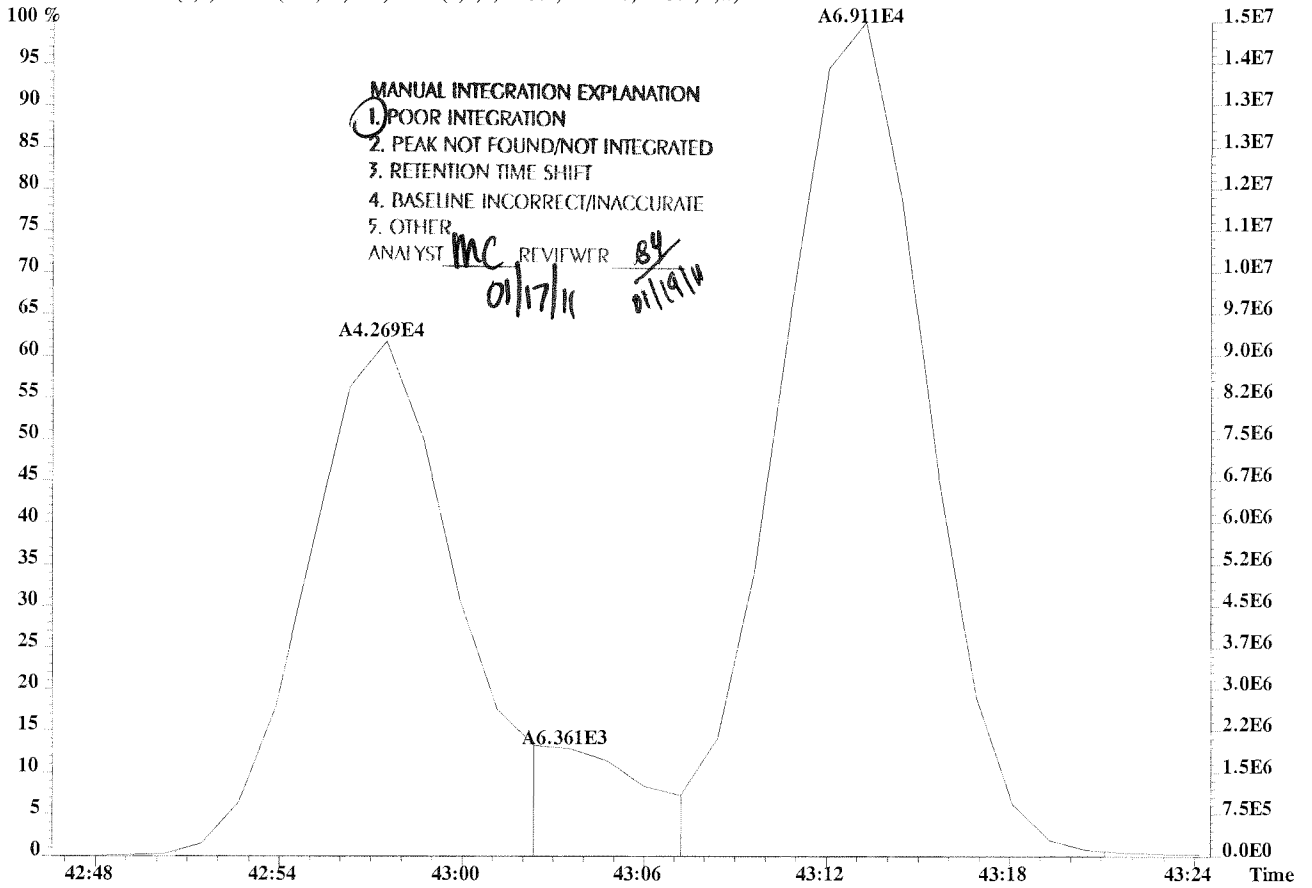
File:U224762 #1-577 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010 USENE/W081
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16580.0,1.00%,F,T)



File:U224762 #1-577 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-010 USENE/W081
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16580.0,1.00%,F,T)



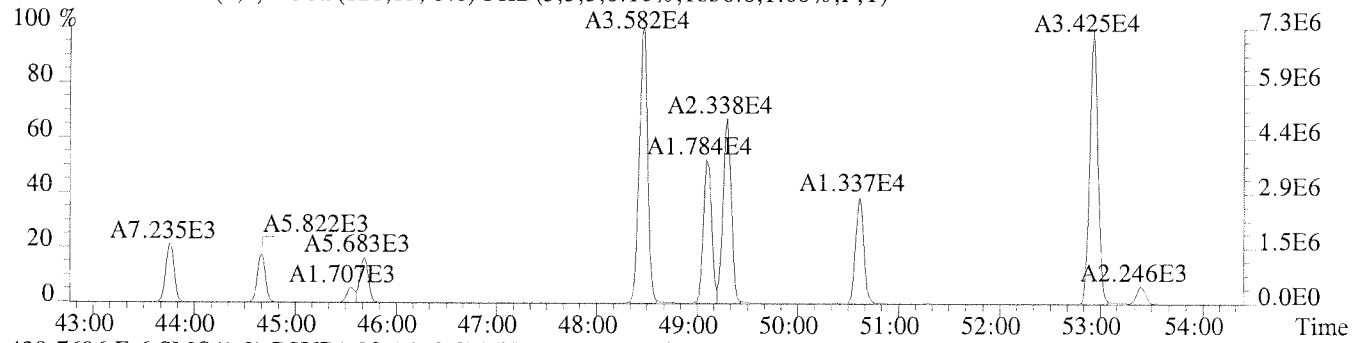
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10000.0,1.00%,F,T)



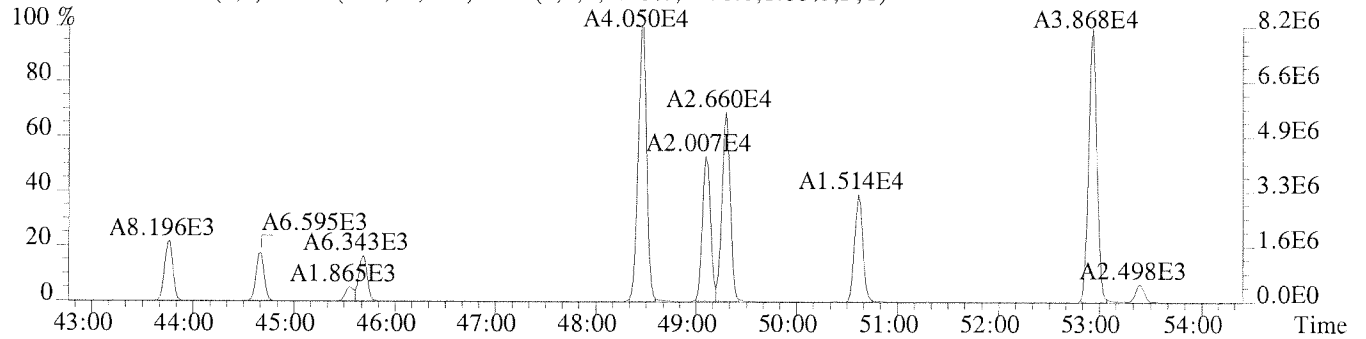
File:U224762 #1-577 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-010 USENE/W081

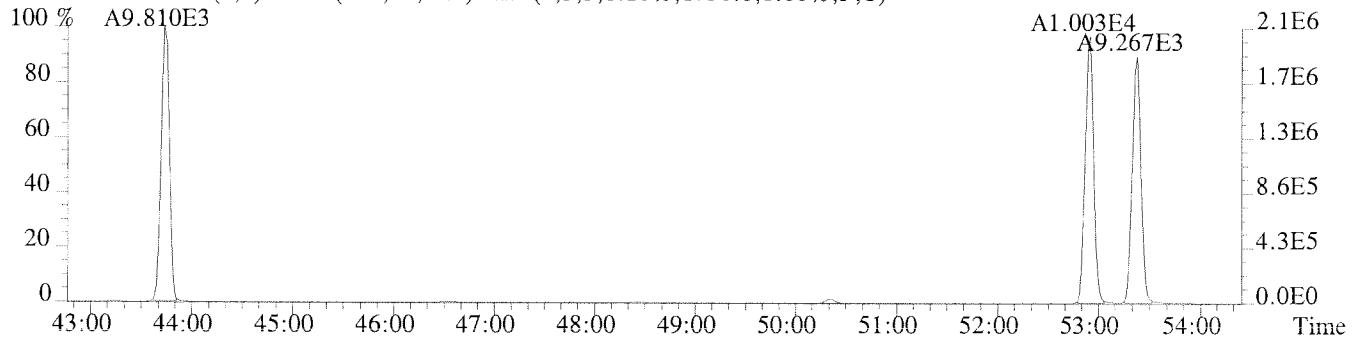
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1856.0,1.00%,F,T)



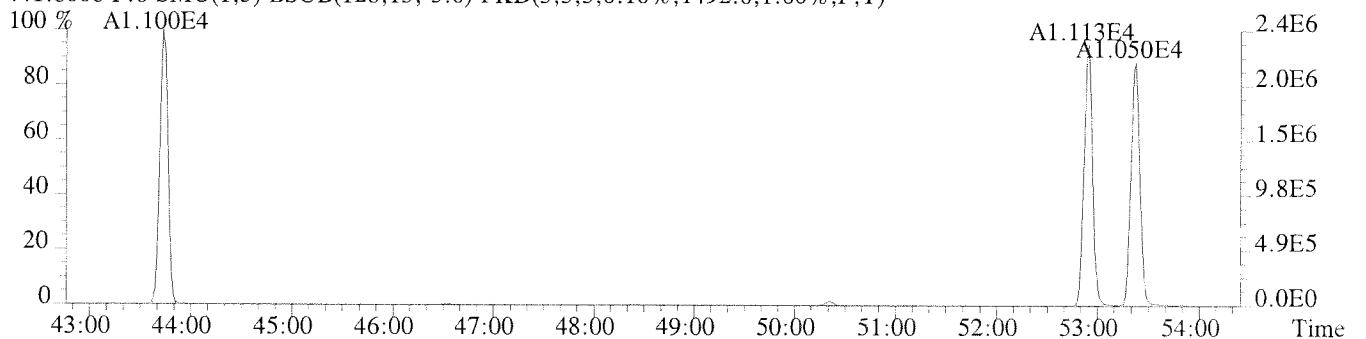
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1576.0,1.00%,F,T)



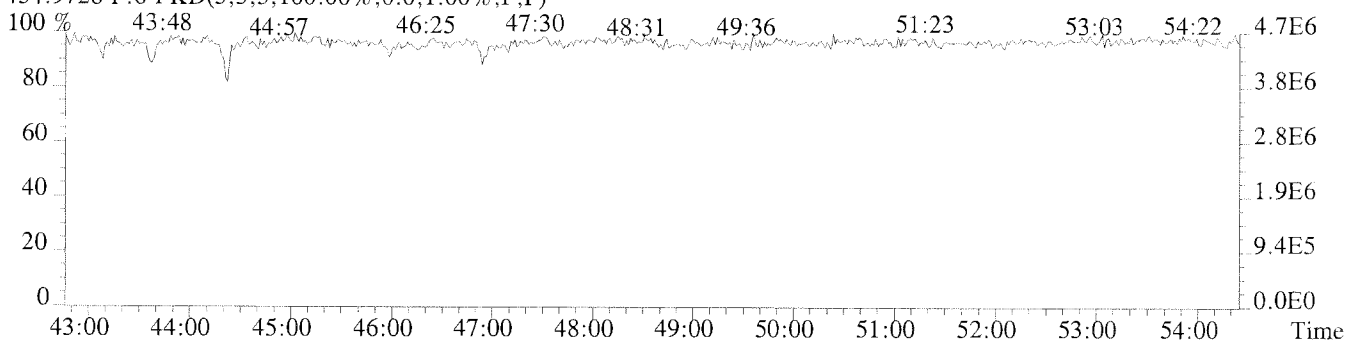
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1736.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1492.0,1.00%,F,T)



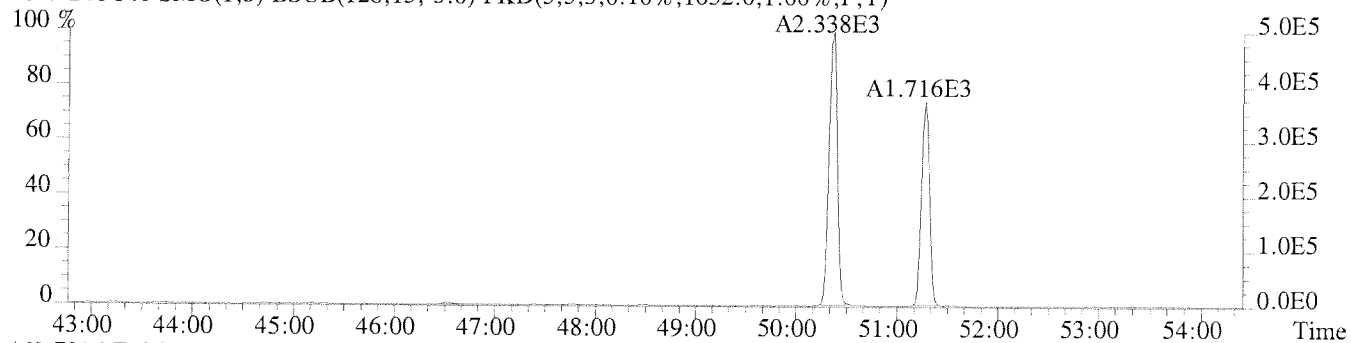
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



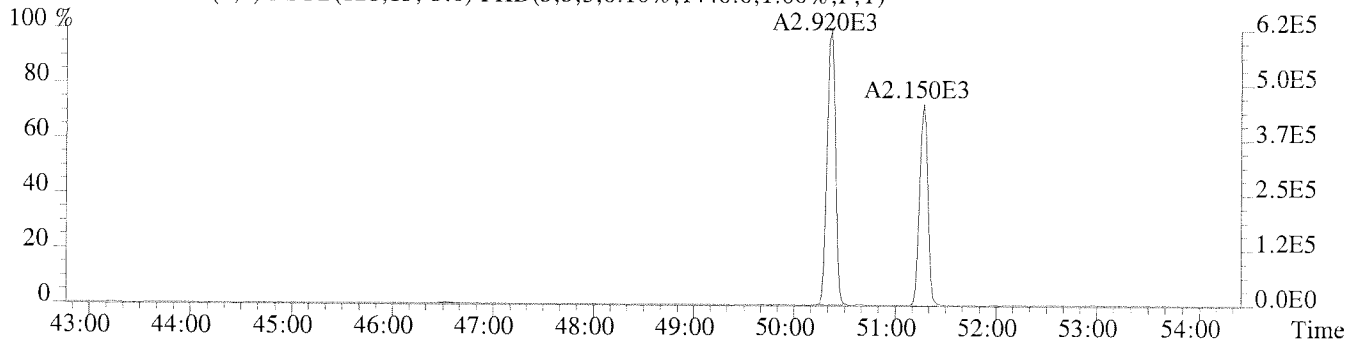
File:U224762 #1-577 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-010 USENE/W081

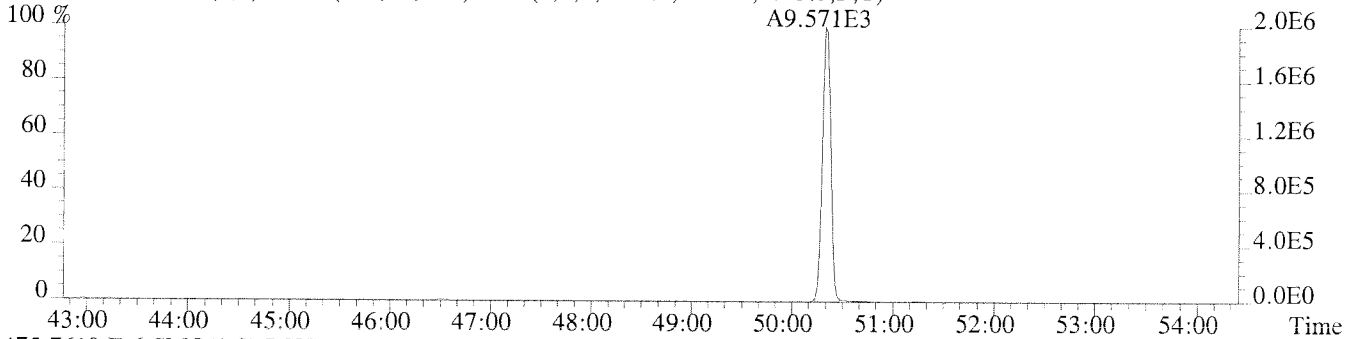
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1652.0,1.00%,F,T)



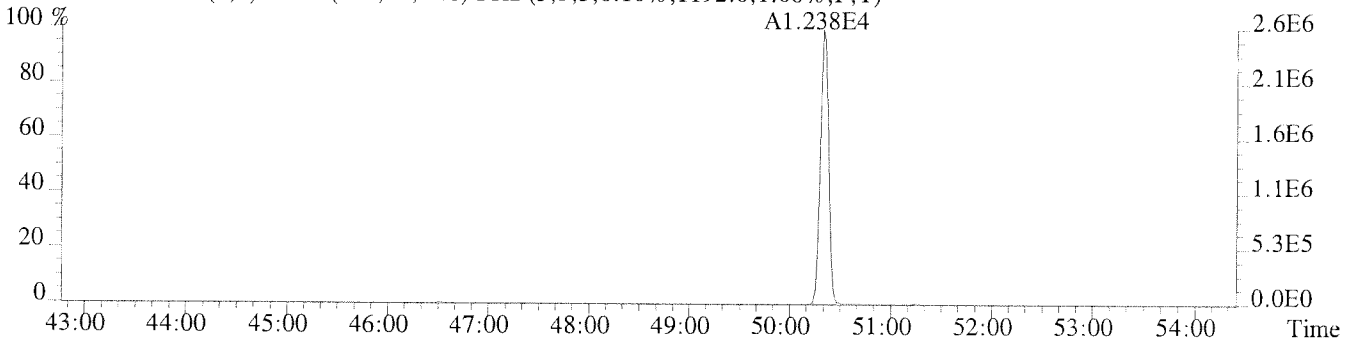
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1440.0,1.00%,F,T)



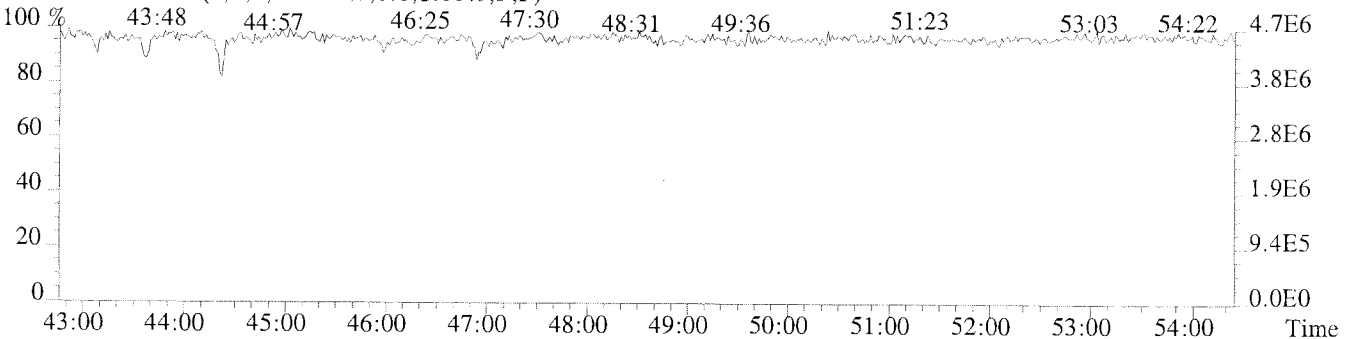
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1372.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1192.0,1.00%,F,T)



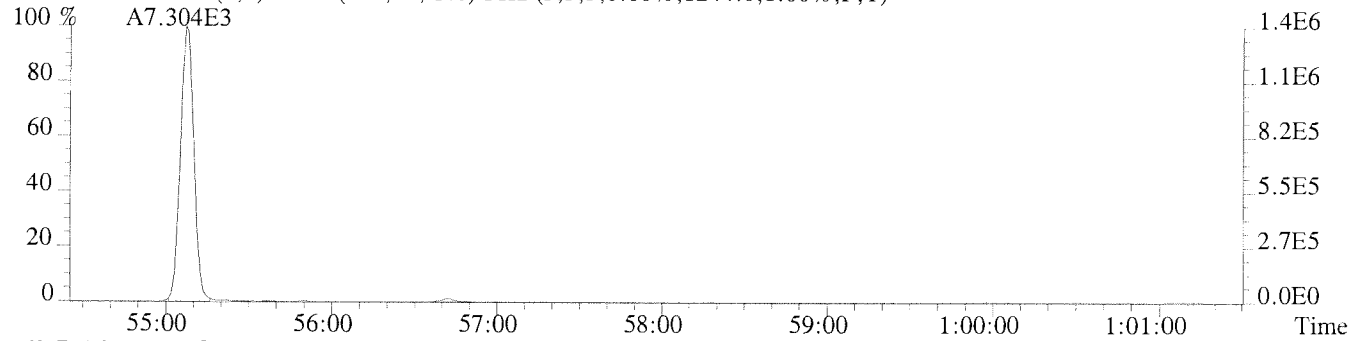
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



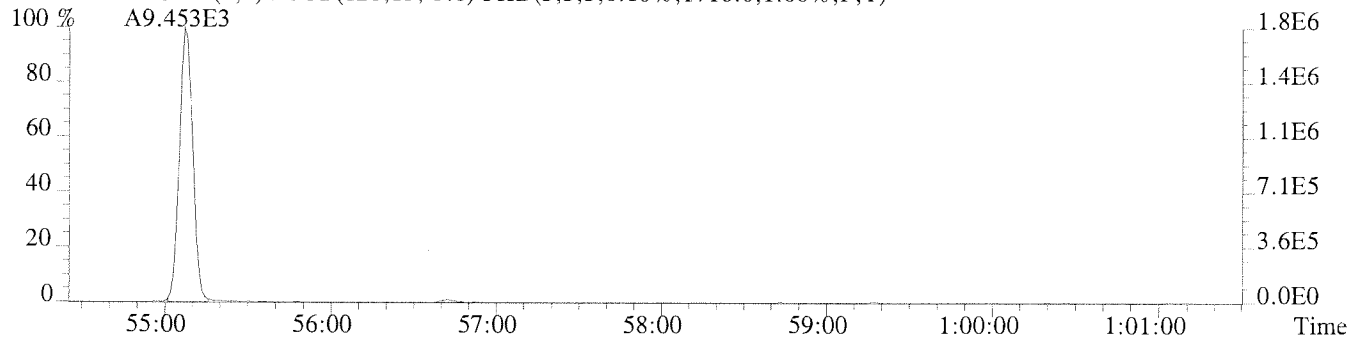
File:U224762 #1-400 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-010 USENE/W081

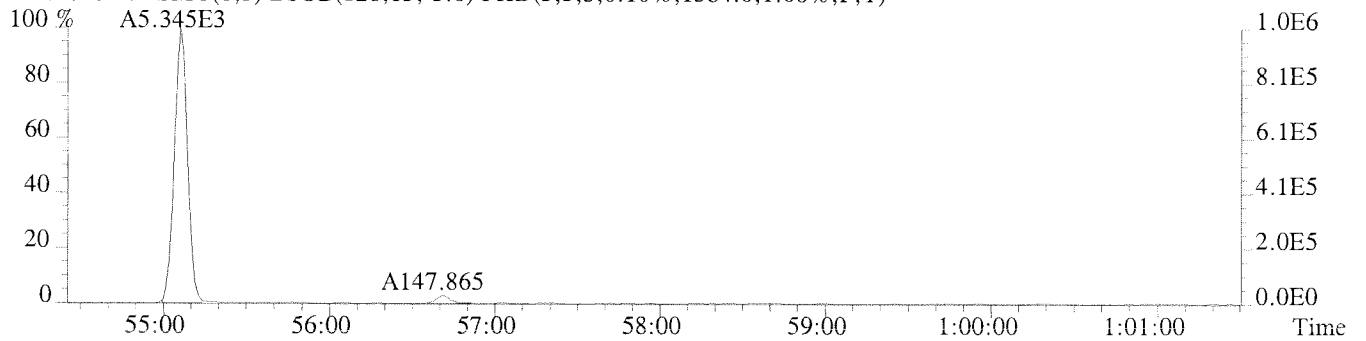
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1244.0,1.00%,F,T)



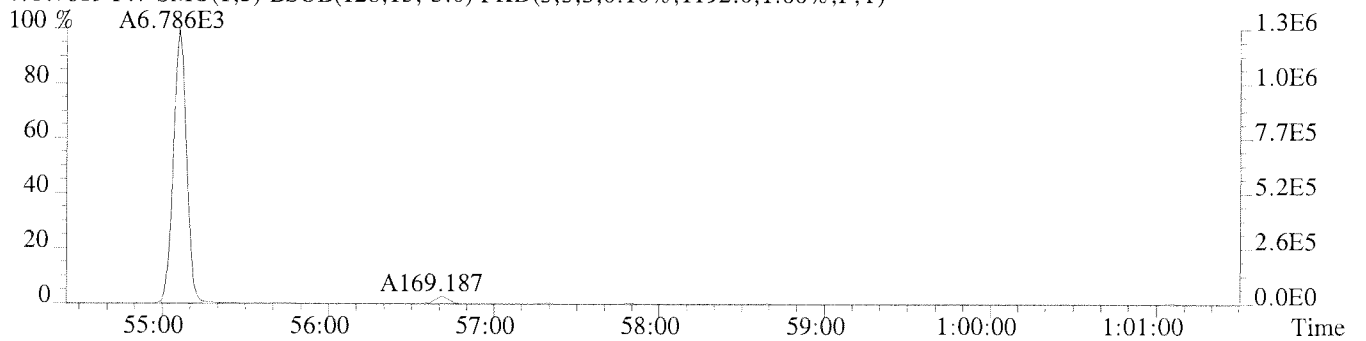
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1716.0,1.00%,F,T)



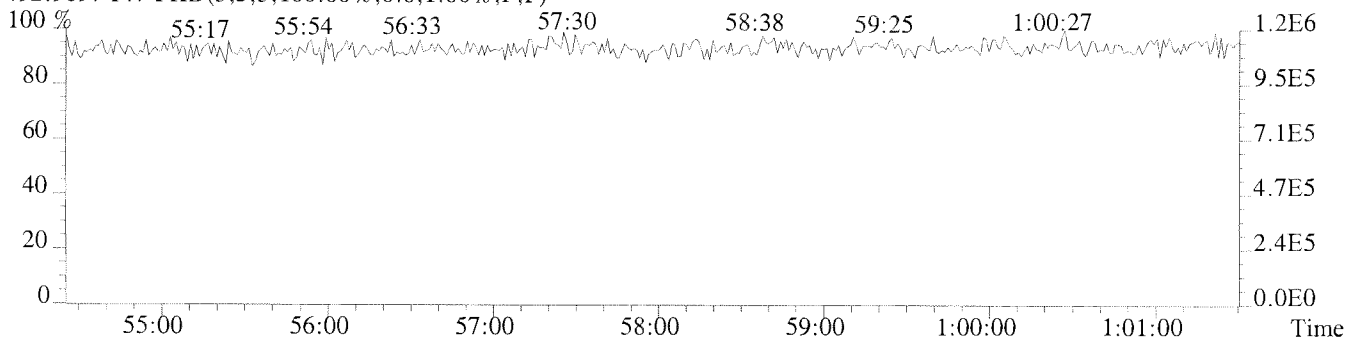
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1384.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1192.0,1.00%,F,T)



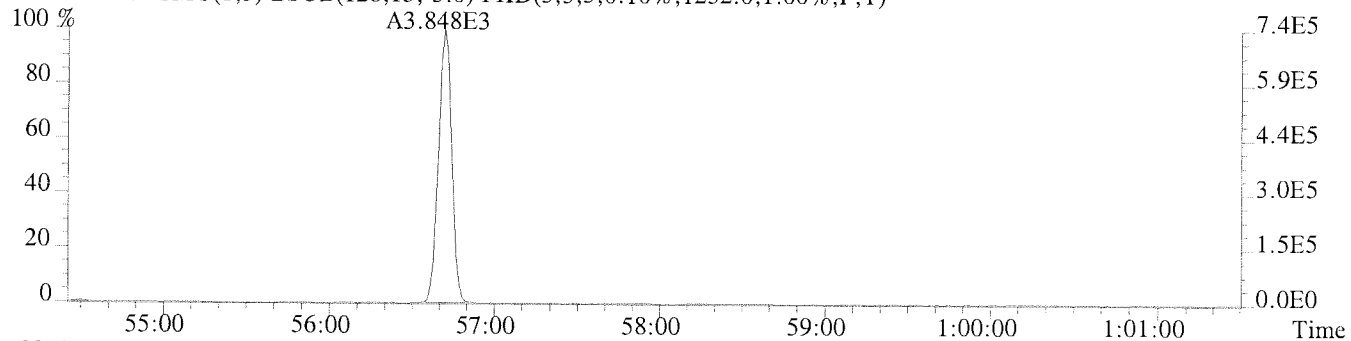
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



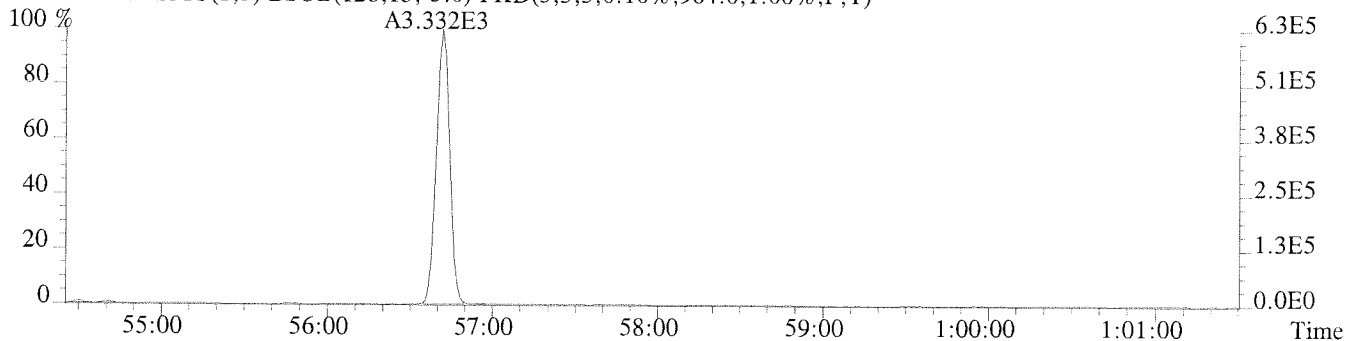
File:U224762 #1-400 Acq:15-JAN-2011 16:49:19 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-010 USENE/W081

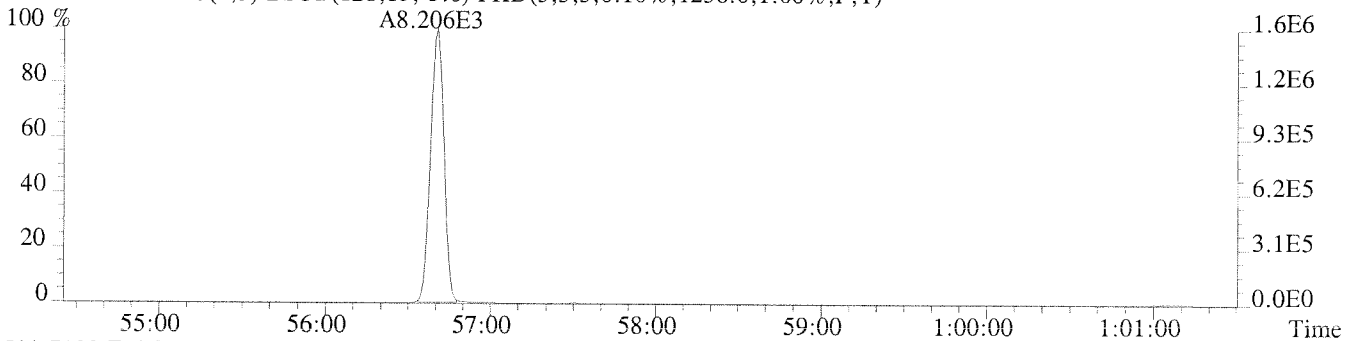
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1252.0,1.00%,F,T)



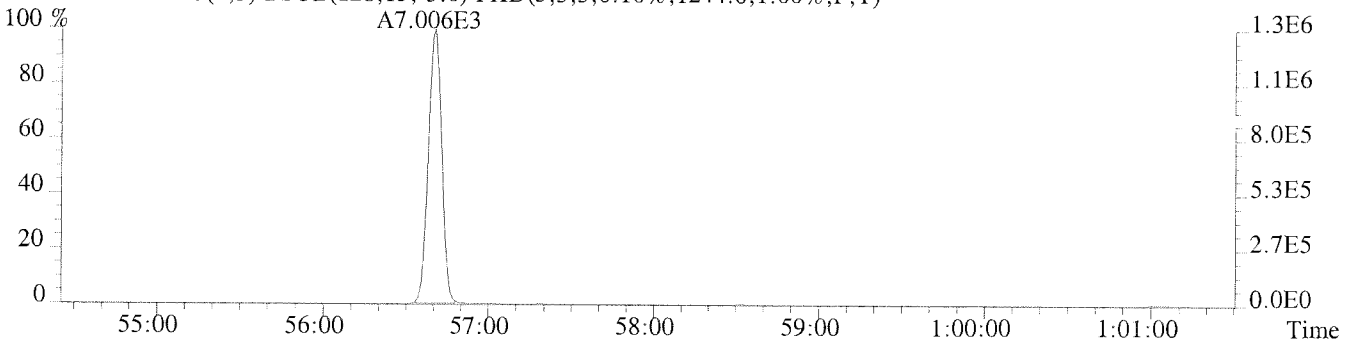
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,964.0,1.00%,F,T)



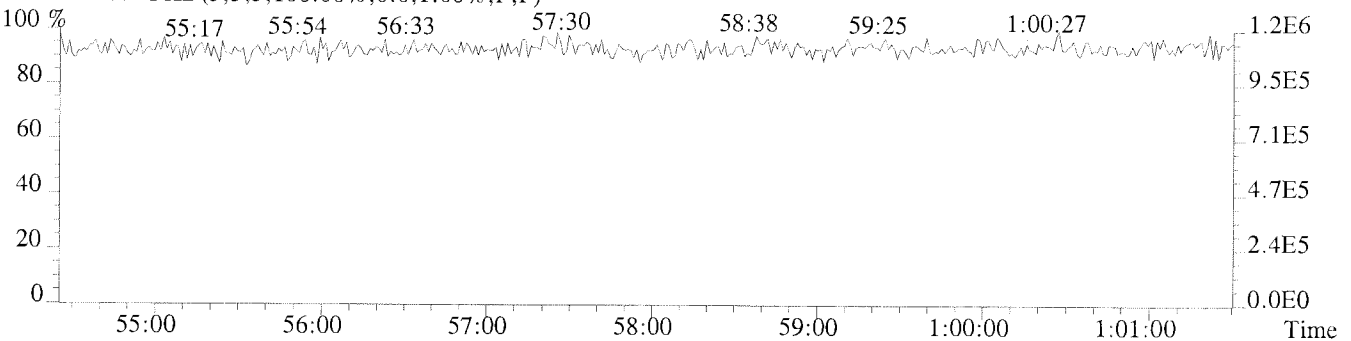
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1236.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1244.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-E/W-08-1

Run #12 Filename U224773 Samp: 1 Inj: 1 Acquired: 17-JAN-11 12:35:11
Processed: 18-JAN-11 14:51:11 Sample ID: K1013433-010DL

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet	Mod?	RRF
1	1	PCB-1	NotFnd	*	*	*	n y	1.0617
2	1	PCB-2	NotFnd	*	*	*	n y	1.0541
3	1	PCB-3	NotFnd	*	*	*	n y	1.0567
4	1	PCB-4	NotFnd	*	*	*	n y	0.9523
5	1	PCB-10	NotFnd	*	*	*	n n	1.3162
6	2	PCB-9	NotFnd	*	*	*	n y	1.0344
7	2	PCB-7	NotFnd	*	*	*	n y	1.0421
8	2	PCB-6	NotFnd	*	*	*	n n	1.0675
9	2	PCB-5	NotFnd	*	*	*	n y	0.8980
10	2	PCB-8	NotFnd	*	*	*	n n	1.1352
11	2	PCB-14	NotFnd	*	*	*	n n	1.0687
12	2	PCB-11	NotFnd	*	*	*	n y	1.0812
13	2	PCB-12/13	NotFnd	*	*	*	n y	1.0148
14	2	PCB-15	NotFnd	*	*	*	n y	0.9734
15	2	PCB-19	NotFnd	*	*	*	n y	1.0211
16	2	PCB-18/30	NotFnd	*	*	*	n y	0.9107
17	2	PCB-17	NotFnd	*	*	*	n n	0.7931
18	2	PCB-27	NotFnd	*	*	*	n n	1.1075
19	2	PCB-24	NotFnd	*	*	*	n y	0.9951
20	2	PCB-16	NotFnd	*	*	*	n n	0.6247
21	2	PCB-32	NotFnd	*	*	*	n n	1.1794
22	3	PCB-34	NotFnd	*	*	*	n n	1.3548
23	3	PCB-23	NotFnd	*	*	*	n n	1.2463
24	3	PCB-26/29	NotFnd	*	*	*	n n	1.3970
25	3	PCB-25	NotFnd	*	*	*	n y	1.5757
26	3	PCB-31	NotFnd	*	*	*	n y	1.4606
27	3	PCB-20/28	NotFnd	*	*	*	n y	1.2810
28	3	PCB-21/33	NotFnd	*	*	*	n y	1.4332
29	3	PCB-22	NotFnd	*	*	*	n y	1.2503
30	3	PCB-36	NotFnd	*	*	*	n n	1.4020
31	3	PCB-39	NotFnd	*	*	*	n y	1.4099
32	3	PCB-38	NotFnd	*	*	*	n n	1.3785
33	3	PCB-35	NotFnd	*	*	*	n y	1.3415
34	3	PCB-37	NotFnd	*	*	*	n y	1.0819
35	2	PCB-54	NotFnd	*	*	*	n n	0.9626
36	3	PCB-50/53	NotFnd	*	*	*	n y	0.7750
37	3	PCB-45/51	NotFnd	*	*	*	n y	0.7550
38	3	PCB-46	NotFnd	*	*	*	n y	0.6764
39	3	PCB-52	NotFnd	*	*	*	n y	0.8241
40	3	PCB-43/73	NotFnd	*	*	*	n y	0.8236
41	3	PCB-49/69	NotFnd	*	*	*	n y	0.9327
42	3	PCB-48	NotFnd	*	*	*	n y	0.7552
43	3	PCB-44/47/65	NotFnd	*	*	*	n y	0.8575
44	3	PCB-59/62/75	NotFnd	*	*	*	n y	1.0336
45	3	PCB-42	NotFnd	*	*	*	n y	0.7598
46	3	PCB-40/41/71	NotFnd	*	*	*	n y	0.7753
47	3	PCB-64	NotFnd	*	*	*	n y	1.1120
48	3	PCB-72	NotFnd	*	*	*	n n	1.1115
49	3	PCB-68	NotFnd	*	*	*	n n	1.0471
50	3	PCB-57	NotFnd	*	*	*	n n	1.0514

51	3	PCB-58	NotFnd	*	*	*	n	y	1.0107
52	3	PCB-67	NotFnd	*	*	*	n	y	1.2004
53	3	PCB-63	NotFnd	*	*	*	n	y	1.1198
54	3	PCB-61/70/74/76	NotFnd	*	*	*	n	y	1.0667
55	3	PCB-66	NotFnd	*	*	*	n	y	1.1266
56	3	PCB-55	NotFnd	*	*	*	n	n	0.9457
57	4	PCB-56	NotFnd	*	*	*	n	y	1.0666
58	4	PCB-60	NotFnd	*	*	*	n	y	1.0281
59	4	PCB-80	NotFnd	*	*	*	n	n	1.2345
60	4	PCB-79	NotFnd	*	*	*	n	y	1.1765
61	4	PCB-78	NotFnd	*	*	*	n	n	1.0368
62	4	PCB-81	NotFnd	*	*	*	n	n	1.0839
63	4	PCB-77	NotFnd	*	*	*	n	y	1.0368
64	3	PCB-104	NotFnd	*	*	*	n	n	1.0032
65	3	PCB-96	NotFnd	*	*	*	n	y	1.1937
66	3	PCB-103	NotFnd	*	*	*	n	y	0.9923
67	3	PCB-94	NotFnd	*	*	*	n	y	0.7946
68	3	PCB-95	NotFnd	*	*	*	n	y	0.9064
69	3	PCB-93/100	NotFnd	*	*	*	n	n	0.8589
70	3	PCB-98/102	NotFnd	*	*	*	n	y	0.8783
71	3	PCB-88/91	NotFnd	*	*	*	n	y	0.8669
72	3	PCB-84	NotFnd	*	*	*	n	y	0.7832
73	3	PCB-89	NotFnd	*	*	*	n	y	0.8175
74	4	PCB-121	NotFnd	*	*	*	n	n	1.0126
75	4	PCB-92	NotFnd	*	*	*	n	y	0.7078
76	4	PCB-90/101/113	NotFnd	*	*	*	n	y	0.8257
77	4	PCB-83/99	NotFnd	*	*	*	n	y	0.6849
78	4	PCB-112	NotFnd	*	*	*	n	n	0.9768
79	4	PCB-86/87/97/109/119/125	NotFnd	*	*	*	n	y	0.7969
80	4	PCB-117	NotFnd	*	*	*	n	n	0.8378
81	4	PCB-85/116	NotFnd	*	*	*	n	y	0.8627
82	4	PCB-110/115	NotFnd	*	*	*	n	y	0.9154
83	4	PCB-82	NotFnd	*	*	*	n	y	0.6012
84	4	PCB-111	NotFnd	*	*	*	n	n	0.8847
85	4	PCB-120	NotFnd	*	*	*	n	n	0.9630
86	5	PCB-108/124	NotFnd	*	*	*	n	y	0.8660
87	5	PCB-107	NotFnd	*	*	*	n	y	0.9679
88	5	PCB-123	NotFnd	*	*	*	n	y	1.0758
89	5	PCB-106	NotFnd	*	*	*	n	n	0.9401
90	5	PCB-118	NotFnd	*	*	*	n	y	1.1029
91	5	PCB-122	NotFnd	*	*	*	n	y	0.8099
92	5	PCB-114	NotFnd	*	*	*	n	y	1.0787
93	5	PCB-105	NotFnd	*	*	*	n	y	1.0593
94	5	PCB-127	NotFnd	*	*	*	n	n	0.8305
95	5	PCB-126	NotFnd	*	*	*	n	y	1.0408
96	4	PCB-155	NotFnd	*	*	*	n	n	0.9771
97	4	PCB-152	NotFnd	*	*	*	n	y	1.8526
98	4	PCB-150	NotFnd	*	*	*	n	y	1.6823
99	4	PCB-136	NotFnd	*	*	*	n	y	1.7659
100	4	PCB-145	NotFnd	*	*	*	n	n	1.6039
101	4	PCB-148	NotFnd	*	*	*	n	y	1.2761
102	4	PCB-135/151	NotFnd	*	*	*	n	y	1.1786
103	4	PCB-154	NotFnd	*	*	*	n	y	1.4069
104	4	PCB-144	NotFnd	*	*	*	n	y	1.2596
105	5	PCB-147/149	NotFnd	*	*	*	n	y	0.9913
106	5	PCB-134	NotFnd	*	*	*	n	y	0.8134
107	5	PCB-143	NotFnd	*	*	*	n	n	0.9599

108	5	PCB-139/140	NotFnd	*	*	*	n	y	0.9649
109	5	PCB-131	NotFnd	*	*	*	n	y	0.8720
110	5	PCB-142	NotFnd	*	*	*	n	n	0.8537
111	5	PCB-132	NotFnd	*	*	*	n	y	0.7901
112	5	PCB-133	NotFnd	*	*	*	n	y	0.8551
113	5	PCB-165	NotFnd	*	*	*	n	n	1.0611
114	5	PCB-146	NotFnd	*	*	*	n	y	1.0650
115	5	PCB-161	NotFnd	*	*	*	n	n	1.1902
116	5	PCB-153/168	39:44	1.952e+04	1.532e+04	1.27	y	n	1.1032
117	5	PCB-141	NotFnd	*	*	*	n	y	0.9068
118	5	PCB-130	NotFnd	*	*	*	n	y	0.7682
119	5	PCB-137	NotFnd	*	*	*	n	y	0.8033
120	5	PCB-164	NotFnd	*	*	*	n	y	1.1581
121	5	PCB-129/138/163	41:00	1.768e+04	1.414e+04	1.25	y	n	0.8763
122	5	PCB-160	NotFnd	*	*	*	n	n	1.1495
123	5	PCB-158	NotFnd	*	*	*	n	y	1.2203
124	5	PCB-128/166	NotFnd	*	*	*	n	y	1.0052
125	6	PCB-159	NotFnd	*	*	*	n	y	0.8692
126	6	PCB-162	NotFnd	*	*	*	n	y	0.8306
127	6	PCB-167	NotFnd	*	*	*	n	y	1.0299
128	6	PCB-156/157	NotFnd	*	*	*	n	y	1.0644
129	6	PCB-169	NotFnd	*	*	*	n	y	1.0362
130	5	PCB-188	NotFnd	*	*	*	n	y	0.9497
131	5	PCB-179	NotFnd	*	*	*	n	y	1.3157
132	5	PCB-184	NotFnd	*	*	*	n	n	1.2794
133	5	PCB-176	NotFnd	*	*	*	n	y	1.2918
134	5	PCB-186	NotFnd	*	*	*	n	n	1.1683
135	5	PCB-178	NotFnd	*	*	*	n	y	0.8355
136	5	PCB-175	NotFnd	*	*	*	n	y	0.8746
137	5	PCB-187	NotFnd	*	*	*	n	y	1.0732
138	5	PCB-182	NotFnd	*	*	*	n	n	0.9007
139	6	PCB-183	NotFnd	*	*	*	n	y	0.6169
140	6	PCB-185	NotFnd	*	*	*	n	n	0.4962
141	6	PCB-174	NotFnd	*	*	*	n	y	0.5560
142	6	PCB-177	NotFnd	*	*	*	n	y	0.5174
143	6	PCB-181	NotFnd	*	*	*	n	n	0.5073
144	6	PCB-171/173	NotFnd	*	*	*	n	y	0.4833
145	6	PCB-172	NotFnd	*	*	*	n	y	0.4330
146	6	PCB-192	NotFnd	*	*	*	n	n	0.5186
147	6	PCB-180/193	46:30	1.149e+04	1.154e+04	1.00	y	y	0.5218
148	6	PCB-191	NotFnd	*	*	*	n	y	0.5440
149	6	PCB-170	NotFnd	*	*	*	n	y	0.3735
150	6	PCB-190	NotFnd	*	*	*	n	y	0.5257
151	6	PCB-189	NotFnd	*	*	*	n	y	0.9118
152	6	PCB-202	NotFnd	*	*	*	n	y	0.8687
153	6	PCB-201	NotFnd	*	*	*	n	y	1.0343
154	6	PCB-204	NotFnd	*	*	*	n	n	0.9888
155	6	PCB-197	NotFnd	*	*	*	n	y	0.9692
156	6	PCB-200	NotFnd	*	*	*	n	y	1.0198
157	6	PCB-198/199	NotFnd	*	*	*	n	y	0.5581
158	6	PCB-196	NotFnd	*	*	*	n	y	0.5876
159	6	PCB-203	NotFnd	*	*	*	n	y	0.5816
160	6	PCB-195	NotFnd	*	*	*	n	y	0.5191
161	6	PCB-194	NotFnd	*	*	*	n	y	0.4975
162	6	PCB-205	NotFnd	*	*	*	n	y	0.9331
163	6	PCB-208	NotFnd	*	*	*	n	y	0.9147
164	6	PCB-207	NotFnd	*	*	*	n	y	1.1351

165	7	PCB-206	NotFnd		*		*		*	n	y	0.9373
166	7	PCB-209	NotFnd		*		*		*	n	y	0.9245
167	1	PCB-1L	12:56		2.409e+04		7.711e+03		3.12	y	n	1.1619
168	1	PCB-3L	15:07		2.477e+04		7.660e+03		3.23	y	n	1.1871
169	1	PCB-4L	15:22		1.434e+04		9.368e+03		1.53	y	n	0.9067
170	2	PCB-15L	21:18		1.787e+04		1.131e+04		1.58	y	n	1.0299
171	2	PCB-19L	18:30		8.127e+03		7.726e+03		1.05	y	n	0.6145
172	3	PCB-37L	28:20		1.458e+04		1.429e+04		1.02	y	n	1.3198
173	2	PCB-54L	21:35		1.164e+04		1.496e+04		0.78	y	n	1.2606
174	4	PCB-81L	35:02		1.008e+04		1.238e+04		0.81	y	n	1.0877
175	4	PCB-77L	35:36		9.646e+03		1.303e+04		0.74	y	n	1.0905
176	3	PCB-104L	27:03		1.734e+04		1.121e+04		1.55	y	n	1.4802
177	5	PCB-123L	37:33		1.199e+04		7.475e+03		1.60	y	n	1.2142
178	5	PCB-118L	37:53		1.246e+04		7.749e+03		1.61	y	n	1.2461
179	5	PCB-114L	38:24		1.171e+04		7.373e+03		1.59	y	n	1.2363
180	5	PCB-105L	39:04		1.178e+04		7.205e+03		1.64	y	n	1.1971
181	5	PCB-126L	42:08		1.112e+04		6.946e+03		1.60	y	n	1.1046
182	4	PCB-155L	32:41		1.613e+04		1.315e+04		1.23	y	n	1.5987
183	6	PCB-167L	43:57		7.131e+03		5.532e+03		1.29	y	n	1.0506
184	6	PCB-156/157L	45:07		1.472e+04		1.125e+04		1.31	y	n	0.9622
185	6	PCB-169L	48:20		7.071e+03		5.778e+03		1.22	y	n	0.8858
186	5	PCB-188L	38:23		1.081e+04		1.039e+04		1.04	y	n	2.4832
187	6	PCB-189L	50:49		6.234e+03		5.941e+03		1.05	y	n	1.5028
188	6	PCB-202L	43:44		5.956e+03		6.727e+03		0.89	y	n	1.7573
189	6	PCB-205L	53:22		6.046e+03		6.672e+03		0.91	y	n	1.3167
190	6	PCB-208L	50:20		5.781e+03		7.530e+03		0.77	y	n	1.4456
191	7	PCB-206L	55:06		4.345e+03		5.446e+03		0.80	y	n	1.1761
192	7	PCB-209L	56:40		6.417e+03		5.380e+03		1.19	y	n	1.6061
193	3	PCB-28L	24:18		1.452e+03		1.276e+03		1.14	y	n	1.5382
194	4	PCB-111L	35:35		1.178e+03		7.285e+02		1.62	y	n	1.2383
195	5	PCB-178L	41:25		5.568e+02		5.417e+02		1.03	y	n	1.3547
196	2	PCB-9L	17:21		1.857e+04		1.173e+04		1.58	y	n	-
197	3	PCB-52L	26:08		9.592e+03		1.219e+04		0.79	y	n	-
198	4	PCB-101L	32:56		1.178e+04		7.316e+03		1.61	y	n	-
199	5	PCB-138L	40:58		8.677e+03		6.927e+03		1.25	y	n	-
200	6	PCB-194L	52:54		4.468e+03		5.090e+03		0.88	y	n	-

$$\text{PCB209 EDL} = \frac{(9.76e+02 + 1.12e+03) \times 10000 \text{ PS} \times 2.5 \times 10}{(1.24e+06 + 1.04e+06) \times 5.0429 \times 0.9245 \times 0.415} > 110 \text{ mg/kg}$$

$$\text{PCB180/193} = \frac{(1.149e+04) + (1.154e+04) \times 10000 \text{ PS} \times 2}{(1.08e+04 + 1.04e+04) \times (6.23e+03 + 5.94e+03) \times 5.0429 \times 0.5218 \times 0.58} = 90441 \text{ mg/kg}$$

1/19/11
[Signature]

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spl66resp
 02/2009

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Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
USEN-E/W-08-1

Run #12 Filename U224773#1 Samp: 1 Inj: 1 Acquired: 17-JAN-11 12:35:11

Processed: 18-JAN-11 14:51:11 LAB. ID: K1013433-010DL

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	*	2.33e+03	*	*	2.10e+03	*
2	PCB-2	*	2.33e+03	*	*	2.10e+03	*
3	PCB-3	*	2.33e+03	*	*	2.10e+03	*
4	PCB-4	*	3.94e+03	*	*	1.50e+04	*
5	PCB-10	*	3.94e+03	*	*	1.50e+04	*
6	PCB-9	*	2.75e+03	*	*	1.94e+04	*
7	PCB-7	*	2.75e+03	*	*	1.94e+04	*
8	PCB-6	*	2.75e+03	*	*	1.94e+04	*
9	PCB-5	*	2.75e+03	*	*	1.94e+04	*
10	PCB-8	*	2.75e+03	*	*	1.94e+04	*
11	PCB-14	*	2.75e+03	*	*	1.94e+04	*
12	PCB-11	*	2.75e+03	*	*	1.94e+04	*
13	PCB-12/13	*	2.75e+03	*	*	1.94e+04	*
14	PCB-15	*	2.75e+03	*	*	1.94e+04	*
15	PCB-19	*	1.85e+03	*	*	2.48e+03	*
16	PCB-18/30	*	1.85e+03	*	*	2.48e+03	*
17	PCB-17	*	1.85e+03	*	*	2.48e+03	*
18	PCB-27	*	1.85e+03	*	*	2.48e+03	*
19	PCB-24	*	1.85e+03	*	*	2.48e+03	*
20	PCB-16	*	1.85e+03	*	*	2.48e+03	*
21	PCB-32	*	1.85e+03	*	*	2.48e+03	*
22	PCB-34	*	4.58e+03	*	*	3.32e+03	*
23	PCB-23	*	4.58e+03	*	*	3.32e+03	*
24	PCB-26/29	*	4.58e+03	*	*	3.32e+03	*
25	PCB-25	*	4.58e+03	*	*	3.32e+03	*
26	PCB-31	*	4.58e+03	*	*	3.32e+03	*
27	PCB-20/28	*	4.58e+03	*	*	3.32e+03	*
28	PCB-21/33	*	4.58e+03	*	*	3.32e+03	*
29	PCB-22	*	4.58e+03	*	*	3.32e+03	*
30	PCB-36	*	4.58e+03	*	*	3.32e+03	*
31	PCB-39	*	4.58e+03	*	*	3.32e+03	*
32	PCB-38	*	4.58e+03	*	*	3.32e+03	*
33	PCB-35	*	4.58e+03	*	*	3.32e+03	*
34	PCB-37	*	4.58e+03	*	*	3.32e+03	*
35	PCB-54	*	1.30e+03	*	*	1.27e+03	*
36	PCB-50/53	*	1.29e+03	*	*	1.34e+03	*
37	PCB-45/51	*	1.29e+03	*	*	1.34e+03	*
38	PCB-46	*	1.29e+03	*	*	1.34e+03	*
39	PCB-52	*	1.29e+03	*	*	1.34e+03	*
40	PCB-43/73	*	1.29e+03	*	*	1.34e+03	*
41	PCB-49/69	*	1.29e+03	*	*	1.34e+03	*
42	PCB-48	*	1.29e+03	*	*	1.34e+03	*
43	PCB-44/47/65	*	1.29e+03	*	*	1.34e+03	*
44	PCB-59/62/75	*	1.29e+03	*	*	1.34e+03	*
45	PCB-42	*	1.29e+03	*	*	1.34e+03	*
46	PCB-40/41/71	*	1.29e+03	*	*	1.34e+03	*
47	PCB-64	*	1.29e+03	*	*	1.34e+03	*

Run #12

Filename U224773#1 Samp: 1

Acquired: 17-JAN-11 12:35:11

48	PCB-72	*	1.29e+03	*	*	1.34e+03	*
49	PCB-68	*	1.29e+03	*	*	1.34e+03	*
50	PCB-57	*	1.29e+03	*	*	1.34e+03	*
51	PCB-58	*	1.29e+03	*	*	1.34e+03	*
52	PCB-67	*	1.29e+03	*	*	1.34e+03	*
53	PCB-63	*	1.29e+03	*	*	1.34e+03	*
54	PCB-61/70/74/76	*	1.29e+03	*	*	1.34e+03	*
55	PCB-66	*	1.29e+03	*	*	1.34e+03	*
56	PCB-55	*	1.29e+03	*	*	1.34e+03	*
57	PCB-56	*	5.15e+03	*	*	3.50e+03	*
58	PCB-60	*	5.15e+03	*	*	3.50e+03	*
59	PCB-80	*	5.15e+03	*	*	3.50e+03	*
60	PCB-79	*	5.15e+03	*	*	3.50e+03	*
61	PCB-78	*	5.15e+03	*	*	3.50e+03	*
62	PCB-81	*	5.15e+03	*	*	3.50e+03	*
63	PCB-77	*	5.15e+03	*	*	3.50e+03	*
64	PCB-104	*	1.40e+03	*	*	2.12e+03	*
65	PCB-96	*	1.40e+03	*	*	2.12e+03	*
66	PCB-103	*	1.40e+03	*	*	2.12e+03	*
67	PCB-94	*	1.40e+03	*	*	2.12e+03	*
68	PCB-95	*	1.40e+03	*	*	2.12e+03	*
69	PCB-93/100	*	1.40e+03	*	*	2.12e+03	*
70	PCB-98/102	*	1.40e+03	*	*	2.12e+03	*
71	PCB-88/91	*	1.40e+03	*	*	2.12e+03	*
72	PCB-84	*	1.40e+03	*	*	2.12e+03	*
73	PCB-89	*	1.40e+03	*	*	2.12e+03	*
74	PCB-121	*	2.46e+03	*	*	8.16e+03	*
75	PCB-92	*	2.46e+03	*	*	8.16e+03	*
76	PCB-90/101/113	*	2.46e+03	*	*	8.16e+03	*
77	PCB-83/99	*	2.46e+03	*	*	8.16e+03	*
78	PCB-112	*	2.46e+03	*	*	8.16e+03	*
79	CB-86/87/97/109/119/125	*	2.46e+03	*	*	8.16e+03	*
80	PCB-117	*	2.46e+03	*	*	8.16e+03	*
81	PCB-85/116	*	2.46e+03	*	*	8.16e+03	*
82	PCB-110/115	*	2.46e+03	*	*	8.16e+03	*
83	PCB-82	*	2.46e+03	*	*	8.16e+03	*
84	PCB-111	*	2.46e+03	*	*	8.16e+03	*
85	PCB-120	*	2.46e+03	*	*	8.16e+03	*
86	PCB-108/124	*	5.58e+03	*	*	2.82e+03	*
87	PCB-107	*	5.58e+03	*	*	2.82e+03	*
88	PCB-123	*	5.58e+03	*	*	2.82e+03	*
89	PCB-106	*	5.58e+03	*	*	2.82e+03	*
90	PCB-118	*	5.58e+03	*	*	2.82e+03	*
91	PCB-122	*	5.58e+03	*	*	2.82e+03	*
92	PCB-114	*	5.58e+03	*	*	2.82e+03	*
93	PCB-105	*	5.58e+03	*	*	2.82e+03	*
94	PCB-127	*	5.58e+03	*	*	2.82e+03	*
95	PCB-126	*	5.58e+03	*	*	2.82e+03	*
96	PCB-155	*	1.42e+03	*	*	1.48e+03	*
97	PCB-152	*	1.42e+03	*	*	1.48e+03	*
98	PCB-150	*	1.42e+03	*	*	1.48e+03	*
99	PCB-136	*	1.42e+03	*	*	1.48e+03	*
100	PCB-145	*	1.42e+03	*	*	1.48e+03	*
101	PCB-148	*	1.42e+03	*	*	1.48e+03	*
102	PCB-135/151	*	1.42e+03	*	*	1.48e+03	*
103	PCB-154	*	1.42e+03	*	*	1.48e+03	*
104	PCB-144	*	1.42e+03	*	*	1.48e+03	*

Run #12

Filename U224773#1 Samp: 1

Acquired: 17-JAN-11 12:35:11

105	PCB-147/149	*	4.32e+03	*	*	4.39e+03	*
106	PCB-134	*	4.32e+03	*	*	4.39e+03	*
107	PCB-143	*	4.32e+03	*	*	4.39e+03	*
108	PCB-139/140	*	4.32e+03	*	*	4.39e+03	*
109	PCB-131	*	4.32e+03	*	*	4.39e+03	*
110	PCB-142	*	4.32e+03	*	*	4.39e+03	*
111	PCB-132	*	4.32e+03	*	*	4.39e+03	*
112	PCB-133	*	4.32e+03	*	*	4.39e+03	*
113	PCB-165	*	4.32e+03	*	*	4.39e+03	*
114	PCB-146	*	4.32e+03	*	*	4.39e+03	*
115	PCB-161	*	4.32e+03	*	*	4.39e+03	*
116	PCB-153/168	3.45e+06	4.32e+03	8.0e+02	2.72e+06	4.39e+03	6.2e+02
117	PCB-141	*	4.32e+03	*	*	4.39e+03	*
118	PCB-130	*	4.32e+03	*	*	4.39e+03	*
119	PCB-137	*	4.32e+03	*	*	4.39e+03	*
120	PCB-164	*	4.32e+03	*	*	4.39e+03	*
121	PCB-129/138/163	2.88e+06	4.32e+03	6.7e+02	2.30e+06	4.39e+03	5.2e+02
122	PCB-160	*	4.32e+03	*	*	4.39e+03	*
123	PCB-158	*	4.32e+03	*	*	4.39e+03	*
124	PCB-128/166	*	4.32e+03	*	*	4.39e+03	*
125	PCB-159	*	2.02e+03	*	*	7.56e+02	*
126	PCB-162	*	2.02e+03	*	*	7.56e+02	*
127	PCB-167	*	2.02e+03	*	*	7.56e+02	*
128	PCB-156/157	*	2.02e+03	*	*	7.56e+02	*
129	PCB-169	*	2.02e+03	*	*	7.56e+02	*
130	PCB-188	*	1.24e+03	*	*	1.27e+03	*
131	PCB-179	*	1.24e+03	*	*	1.27e+03	*
132	PCB-184	*	1.24e+03	*	*	1.27e+03	*
133	PCB-176	*	1.24e+03	*	*	1.27e+03	*
134	PCB-186	*	1.24e+03	*	*	1.27e+03	*
135	PCB-178	*	1.24e+03	*	*	1.27e+03	*
136	PCB-175	*	1.24e+03	*	*	1.27e+03	*
137	PCB-187	*	1.24e+03	*	*	1.27e+03	*
138	PCB-182	*	1.24e+03	*	*	1.27e+03	*
139	PCB-183	*	2.46e+03	*	*	2.13e+03	*
140	PCB-185	*	2.46e+03	*	*	2.13e+03	*
141	PCB-174	*	2.46e+03	*	*	2.13e+03	*
142	PCB-177	*	2.46e+03	*	*	2.13e+03	*
143	PCB-181	*	2.46e+03	*	*	2.13e+03	*
144	PCB-171/173	*	2.46e+03	*	*	2.13e+03	*
145	PCB-172	*	2.46e+03	*	*	2.13e+03	*
146	PCB-192	*	2.46e+03	*	*	2.13e+03	*
147	PCB-180/193	2.29e+06	2.46e+03	9.3e+02	2.32e+06	2.13e+03	1.1e+03
148	PCB-191	*	2.46e+03	*	*	2.13e+03	*
149	PCB-170	*	2.46e+03	*	*	2.13e+03	*
150	PCB-190	*	2.46e+03	*	*	2.13e+03	*
151	PCB-189	*	2.46e+03	*	*	2.13e+03	*
152	PCB-202	*	1.68e+03	*	*	1.22e+03	*
153	PCB-201	*	1.68e+03	*	*	1.22e+03	*
154	PCB-204	*	1.68e+03	*	*	1.22e+03	*
155	PCB-197	*	1.68e+03	*	*	1.22e+03	*
156	PCB-200	*	1.68e+03	*	*	1.22e+03	*
157	PCB-198/199	*	1.68e+03	*	*	1.22e+03	*
158	PCB-196	*	1.68e+03	*	*	1.22e+03	*
159	PCB-203	*	1.68e+03	*	*	1.22e+03	*
160	PCB-195	*	1.68e+03	*	*	1.22e+03	*
161	PCB-194	*	1.68e+03	*	*	1.22e+03	*
162	PCB-205	*	1.68e+03	*	*	1.22e+03	*

Run #12

Filename U224773#1 Samp: 1

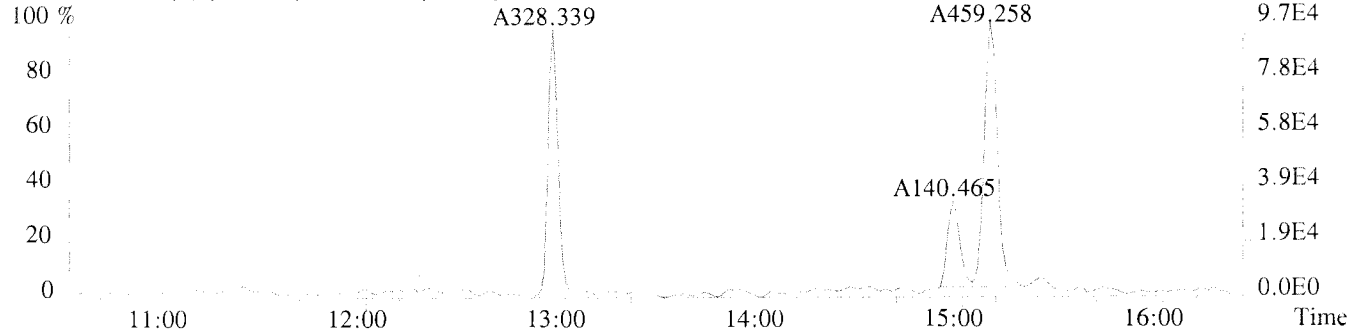
Acquired: 17-JAN-11 12:35:11

163	PCB-208	*	1.18e+03	*	*	1.31e+03	*
164	PCB-207	*	1.18e+03	*	*	1.31e+03	*
165	PCB-206	*	1.21e+03	*	*	1.33e+03	*
166	PCB-209	*	9.76e+02	*	*	1.12e+03	*
167	PCB-1L	6.49e+06	2.36e+03	2.8e+03	2.08e+06	1.80e+04	1.2e+02
168	PCB-3L	5.08e+06	2.36e+03	2.2e+03	1.57e+06	1.80e+04	8.7e+01
169	PCB-4L	3.15e+06	4.12e+03	7.6e+02	2.07e+06	2.10e+03	9.8e+02
170	PCB-15L	2.51e+06	5.84e+03	4.3e+02	1.60e+06	3.31e+03	4.8e+02
171	PCB-19L	1.81e+06	5.03e+04	3.6e+01	1.74e+06	3.04e+04	5.7e+01
172	PCB-37L	1.87e+06	1.46e+04	1.3e+02	1.80e+06	8.04e+03	2.2e+02
173	PCB-54L	2.34e+06	2.80e+03	8.4e+02	3.03e+06	1.64e+03	1.8e+03
174	PCB-81L	1.43e+06	2.88e+03	5.0e+02	1.77e+06	1.65e+03	1.1e+03
175	PCB-77L	1.35e+06	2.88e+03	4.7e+02	1.65e+06	1.65e+03	1.0e+03
176	PCB-104L	3.11e+06	1.42e+03	2.2e+03	2.00e+06	1.34e+03	1.5e+03
177	PCB-123L	2.03e+06	7.04e+03	2.9e+02	1.29e+06	8.32e+03	1.6e+02
178	PCB-118L	2.04e+06	7.04e+03	2.9e+02	1.28e+06	8.32e+03	1.5e+02
179	PCB-114L	1.88e+06	7.04e+03	2.7e+02	1.20e+06	8.32e+03	1.4e+02
180	PCB-105L	1.85e+06	7.04e+03	2.6e+02	1.15e+06	8.32e+03	1.4e+02
181	PCB-126L	1.61e+06	7.04e+03	2.3e+02	1.03e+06	8.32e+03	1.2e+02
182	PCB-155L	2.94e+06	1.52e+03	1.9e+03	2.37e+06	1.11e+03	2.1e+03
183	PCB-167L	1.46e+06	1.18e+03	1.2e+03	1.13e+06	1.61e+03	7.0e+02
184	PCB-156/157L	2.13e+06	1.18e+03	1.8e+03	1.60e+06	1.61e+03	1.0e+03
185	PCB-169L	1.24e+06	1.18e+03	1.0e+03	1.00e+06	1.61e+03	6.2e+02
186	PCB-188L	1.93e+06	1.38e+03	1.4e+03	1.86e+06	1.12e+03	1.7e+03
187	PCB-189L	1.19e+06	1.46e+03	8.1e+02	1.11e+06	1.29e+03	8.6e+02
188	PCB-202L	1.29e+06	1.06e+03	1.2e+03	1.44e+06	1.06e+03	1.4e+03
189	PCB-205L	1.23e+06	1.06e+03	1.2e+03	1.35e+06	1.06e+03	1.3e+03
190	PCB-208L	1.26e+06	1.19e+03	1.1e+03	1.63e+06	1.25e+03	1.3e+03
191	PCB-206L	8.00e+05	1.34e+03	6.0e+02	1.02e+06	1.30e+03	7.9e+02
192	PCB-209L	1.24e+06	1.12e+03	1.1e+03	1.04e+06	1.14e+03	9.1e+02
193	PCB-28L	2.27e+05	1.46e+04	1.6e+01	2.10e+05	8.04e+03	2.6e+01
194	PCB-111L	2.03e+05	1.43e+03	1.4e+02	1.27e+05	1.07e+03	1.2e+02
195	PCB-178L	1.03e+05	1.38e+03	7.4e+01	1.00e+05	1.12e+03	8.9e+01
196	PCB-9L	3.88e+06	5.84e+03	6.6e+02	2.41e+06	3.31e+03	7.3e+02
197	PCB-52L	1.61e+06	2.10e+03	7.7e+02	2.04e+06	1.68e+03	1.2e+03
198	PCB-101L	2.03e+06	1.43e+03	1.4e+03	1.25e+06	1.07e+03	1.2e+03
199	PCB-138L	1.53e+06	1.67e+03	9.1e+02	1.22e+06	2.11e+03	5.8e+02
200	PCB-194L	9.00e+05	1.06e+03	8.5e+02	1.04e+06	1.06e+03	9.8e+02

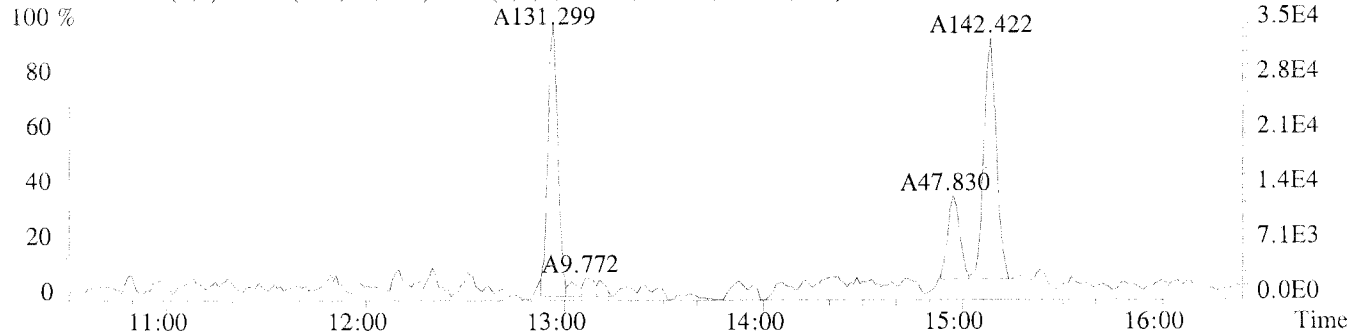
File:U224773 #1-379 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-010DL USENE/W08

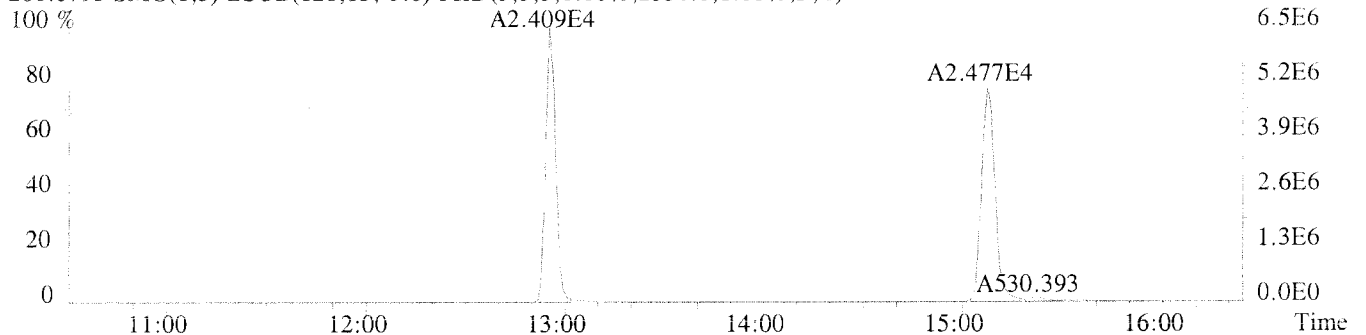
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2328.0,1.00%,F,T)



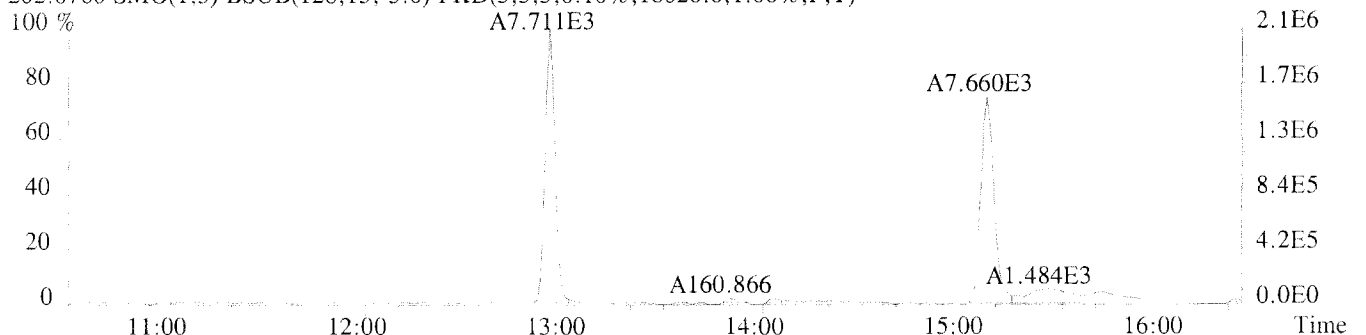
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2096.0,1.00%,F,T)



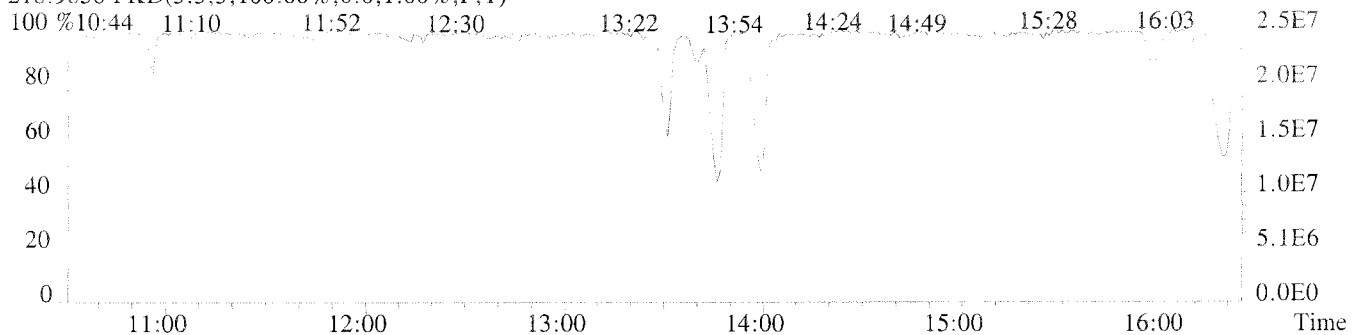
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2356.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,18020.0,1.00%,F,T)



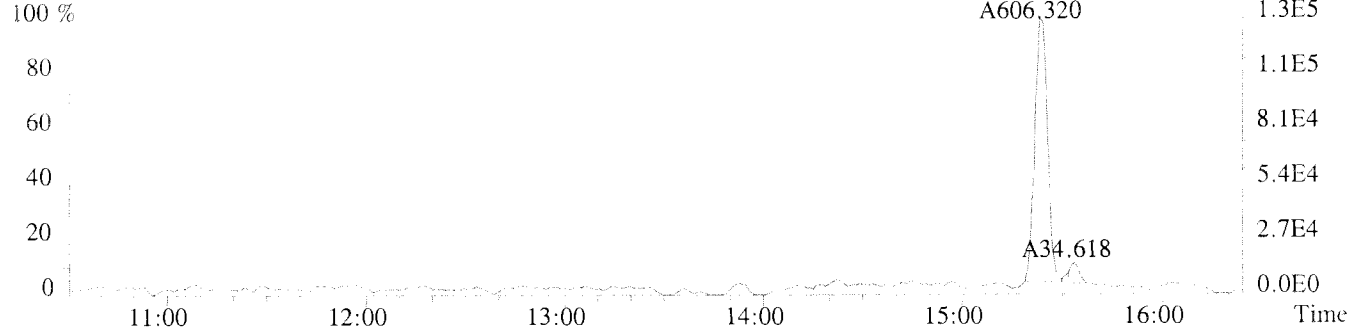
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



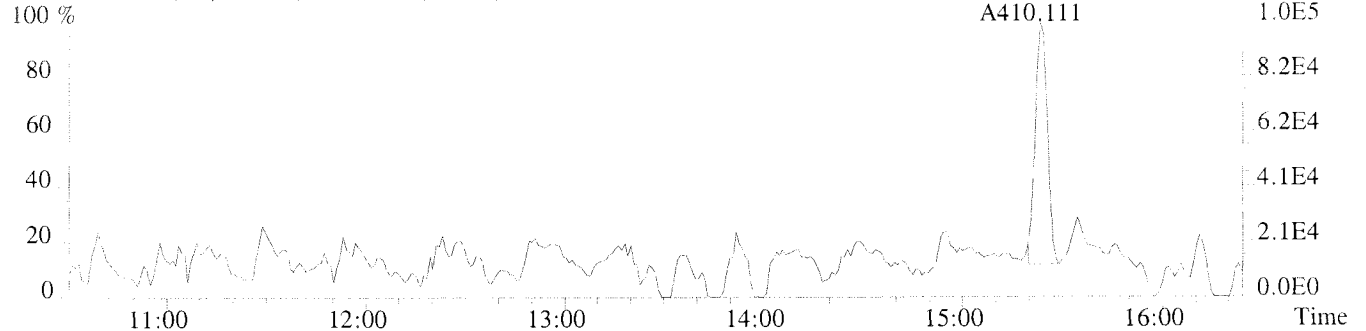
File:U224773 #1-379 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-010DL USENE/W08

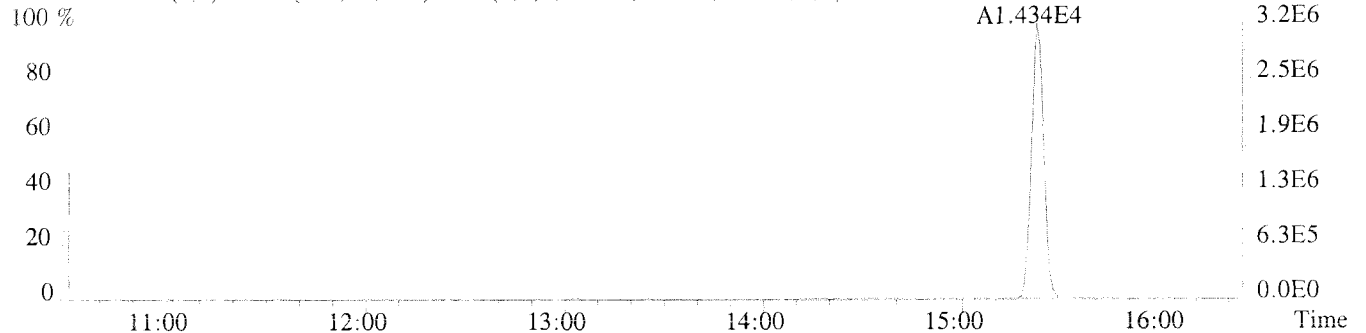
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3944.0,1.00%,F,T)



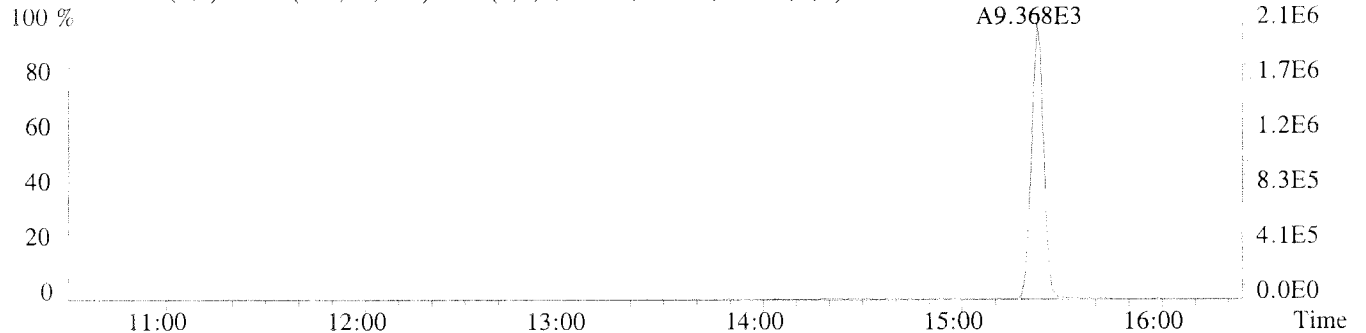
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15044.0,1.00%,F,T)



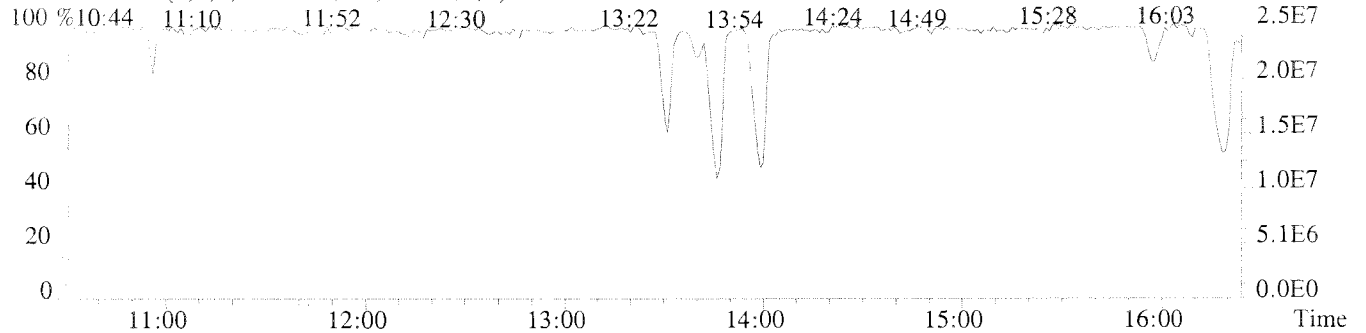
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4124.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2100.0,1.00%,F,T)

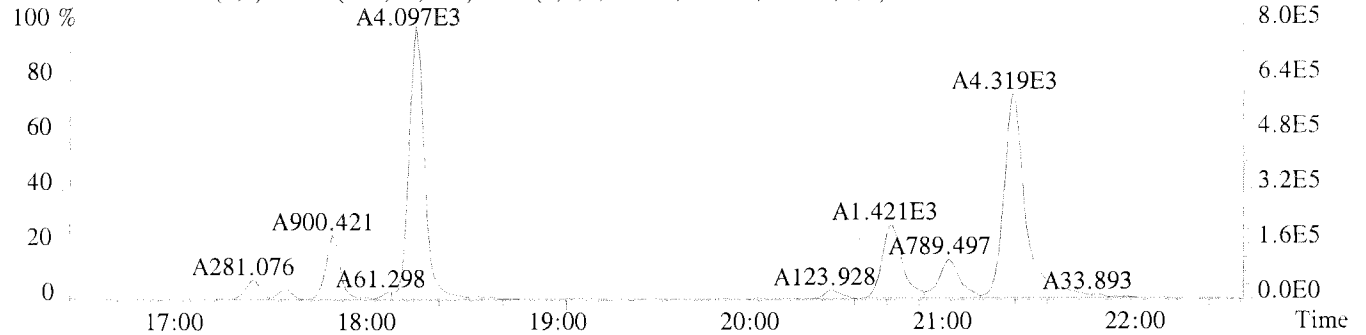


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

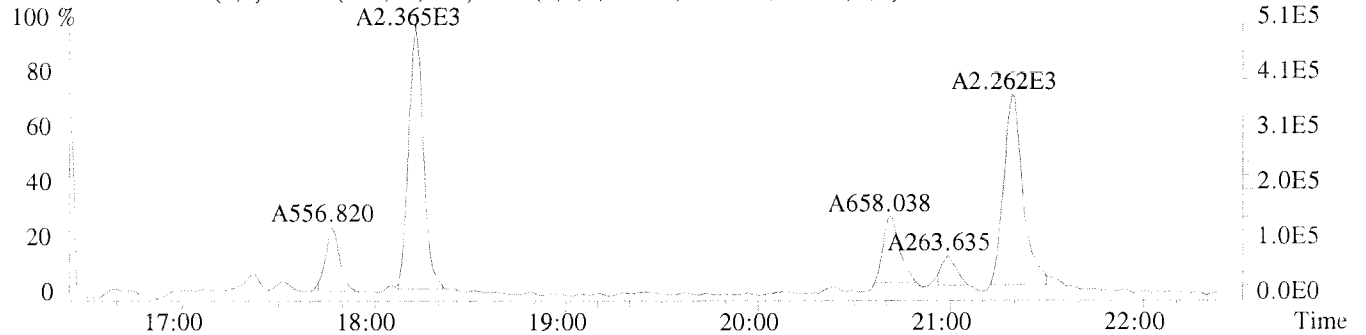


File:U224773 #1-337 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010DL USENE/W08

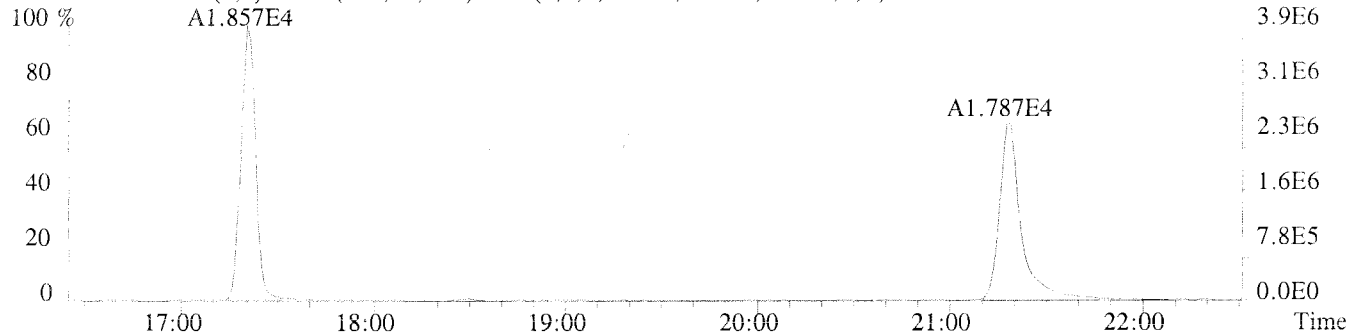
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2752.0,1.00%,F,T)



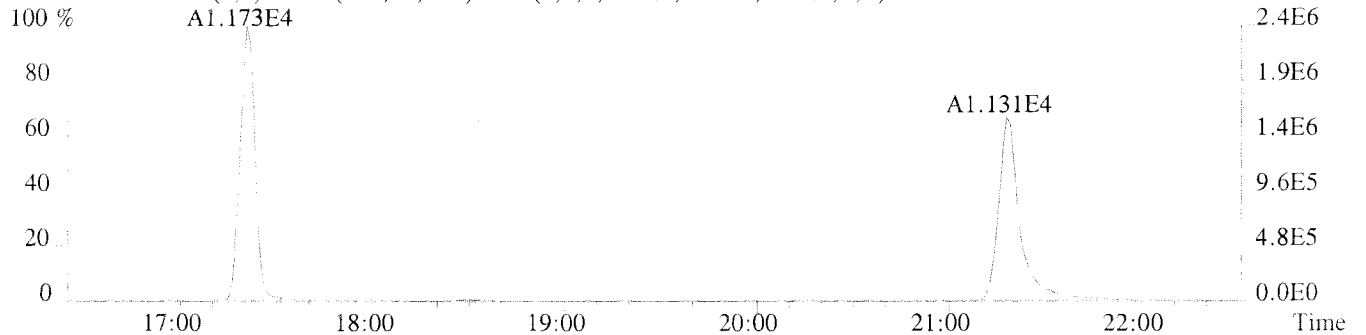
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,19404.0,1.00%,F,T)



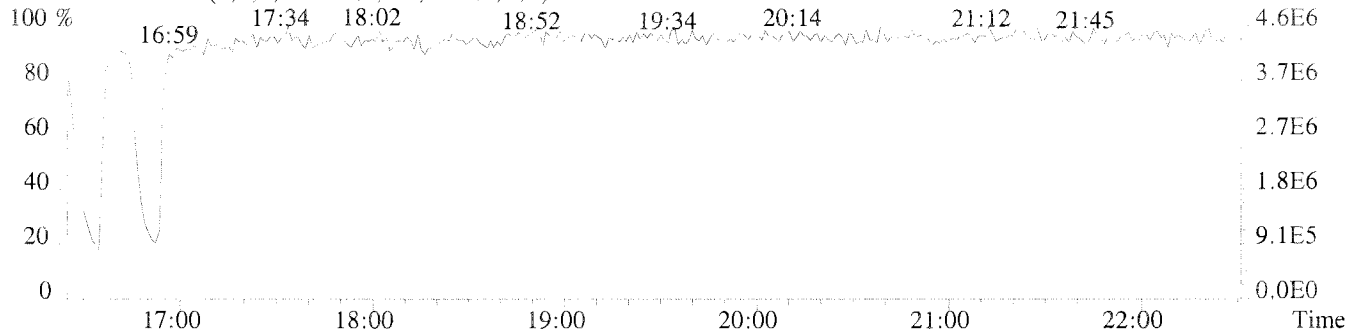
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5840.0,1.00%,F,T)



236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3312.0,1.00%,F,T)

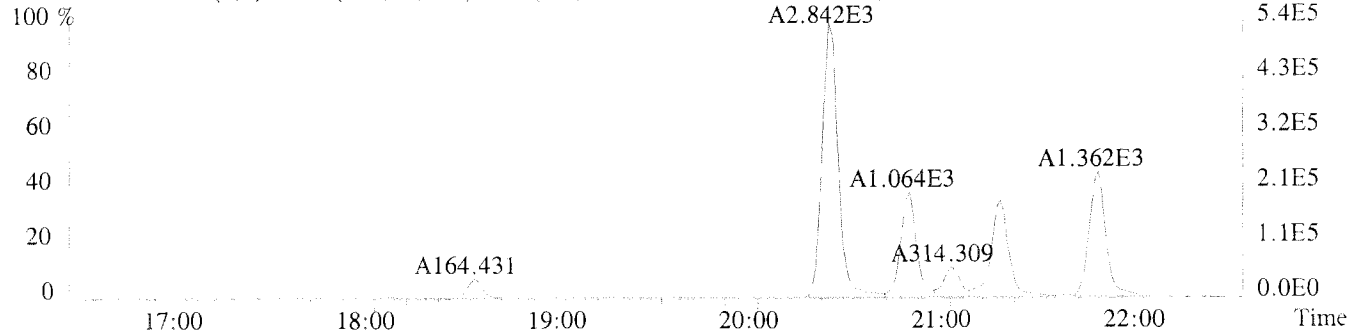


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

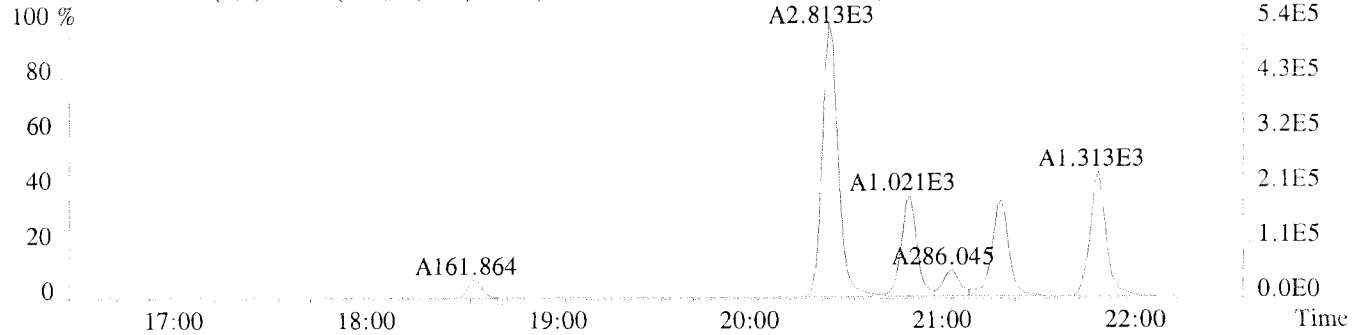


Sample#1 Exp:K1013433-010DL USENE/W08

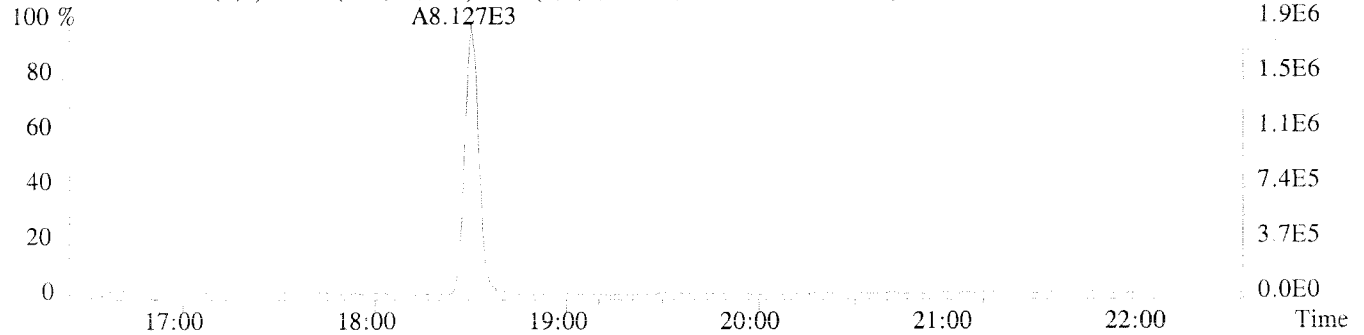
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1848.0,1.00%,F,T)



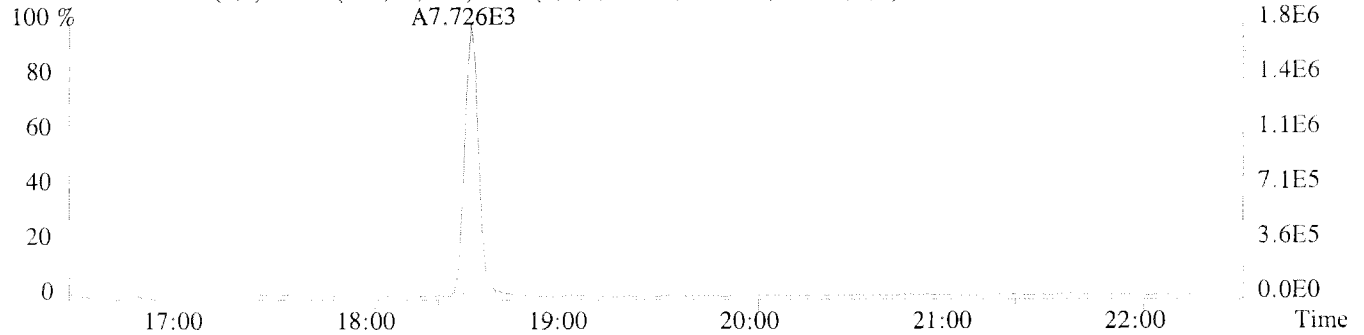
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2480.0,1.00%,F,T)



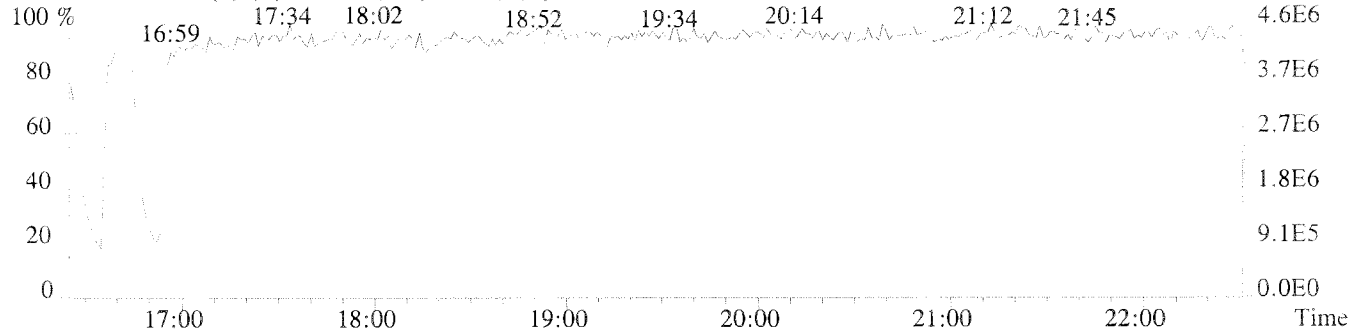
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,50272.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,30436.0,1.00%,F,T)



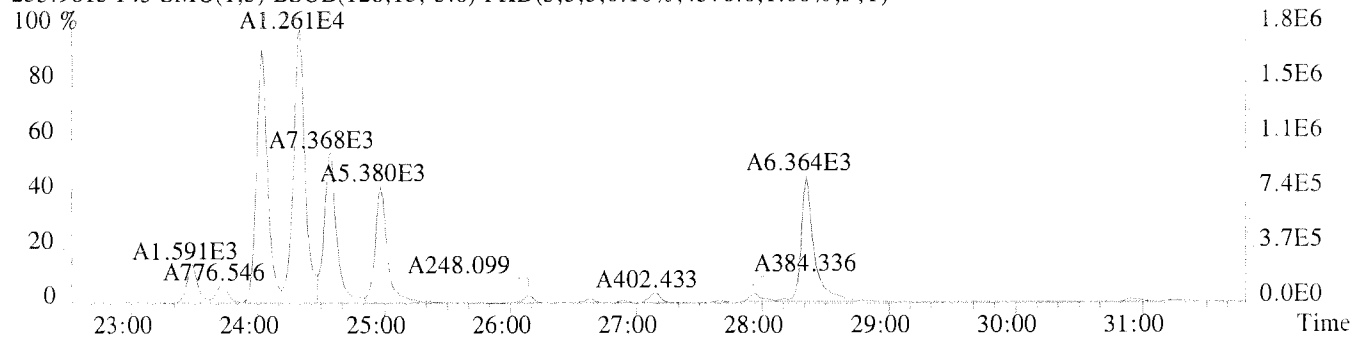
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



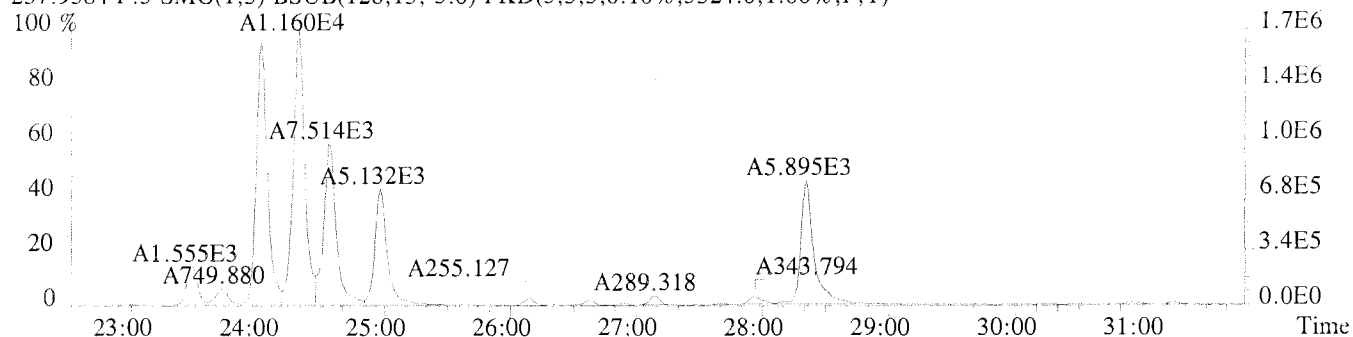
File:U224773 #1-594 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-010DL USENE/W08

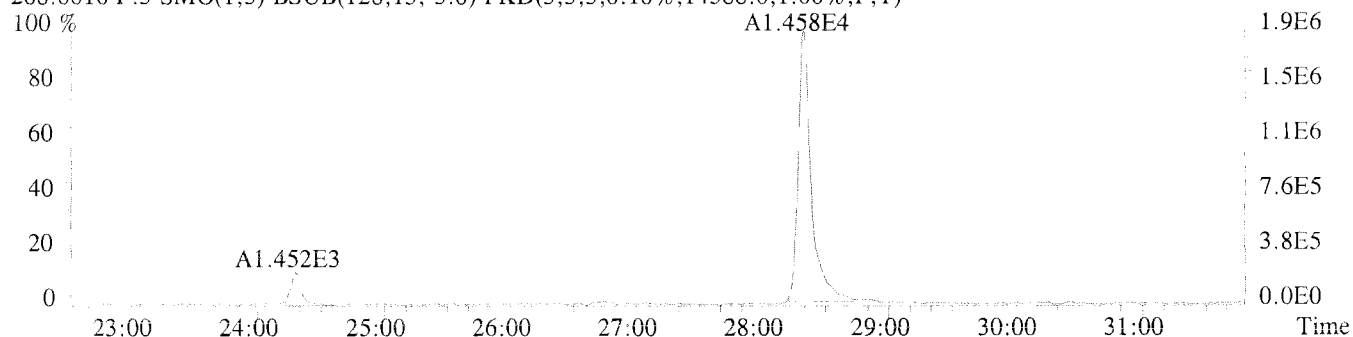
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4576.0,1.00%,F,T)



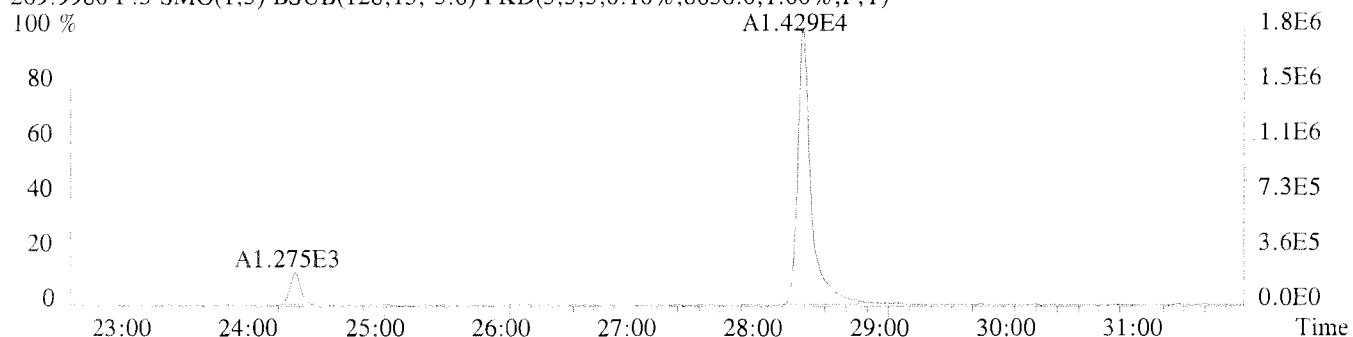
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3324.0,1.00%,F,T)



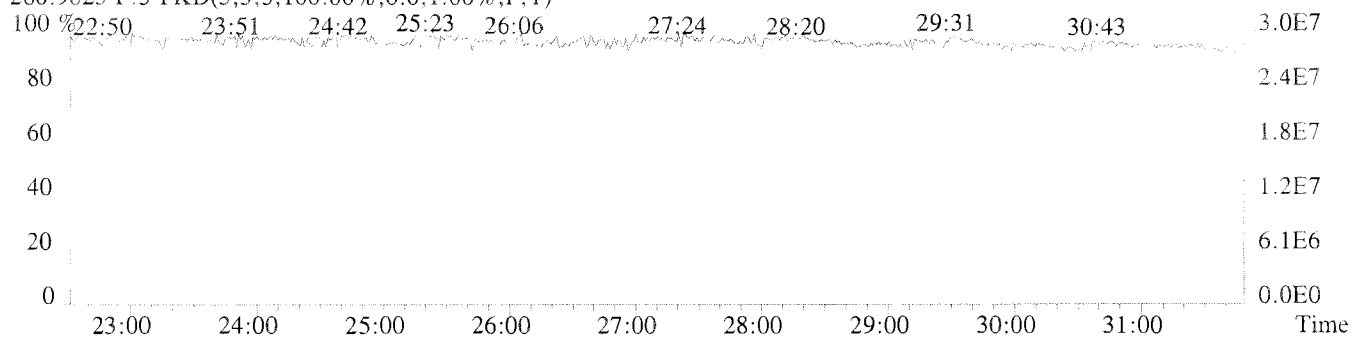
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14588.0,1.00%,F,T)

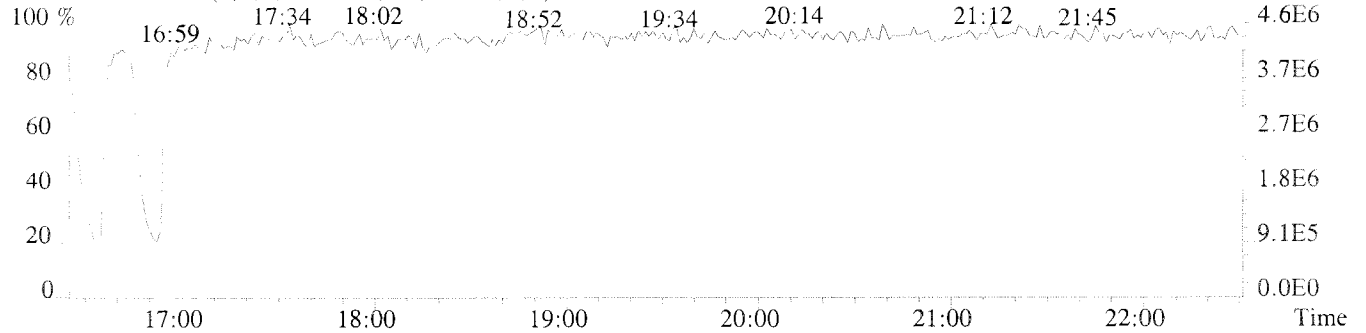
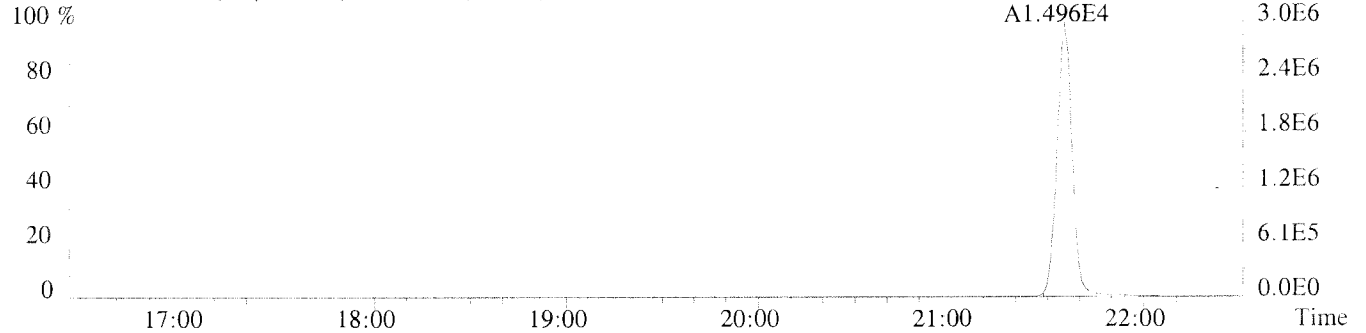
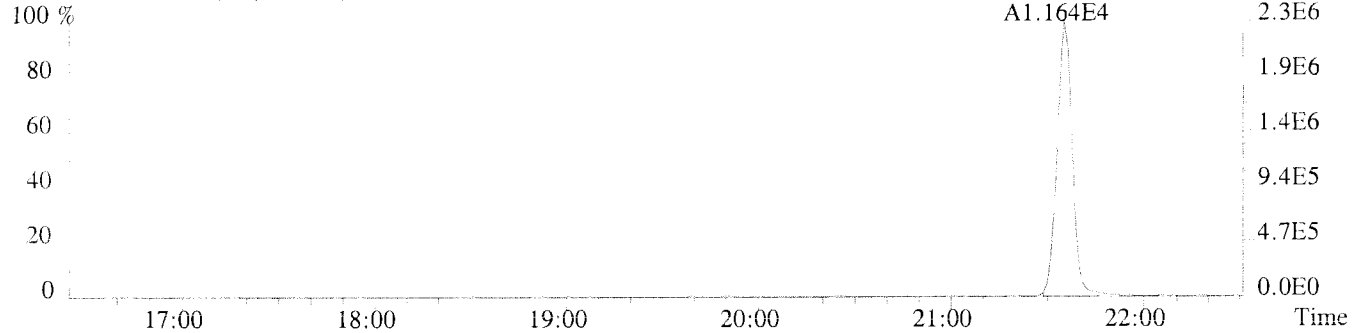
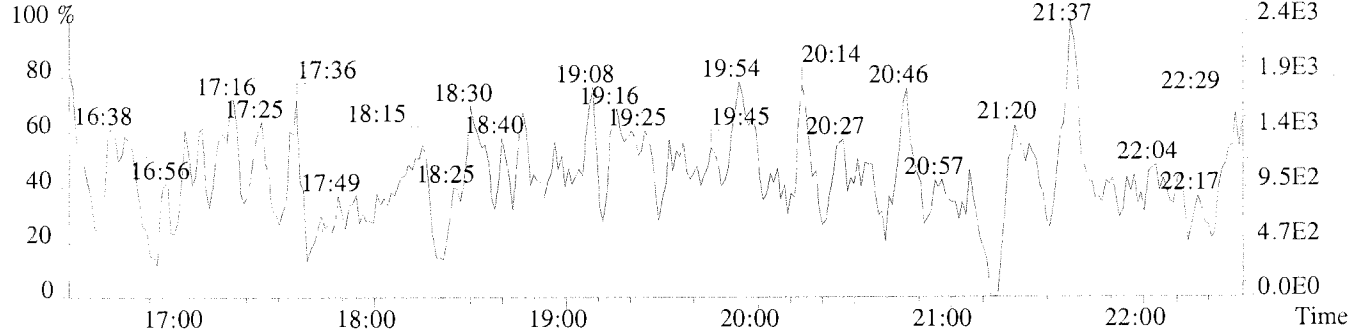
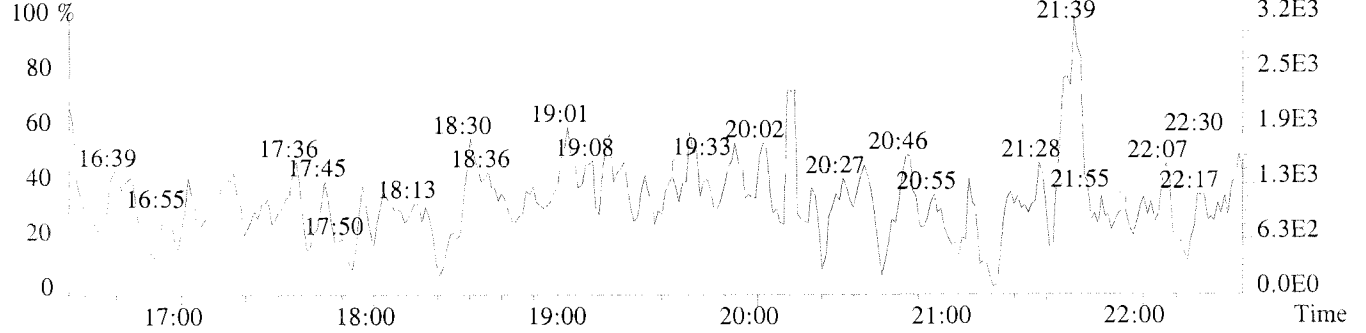


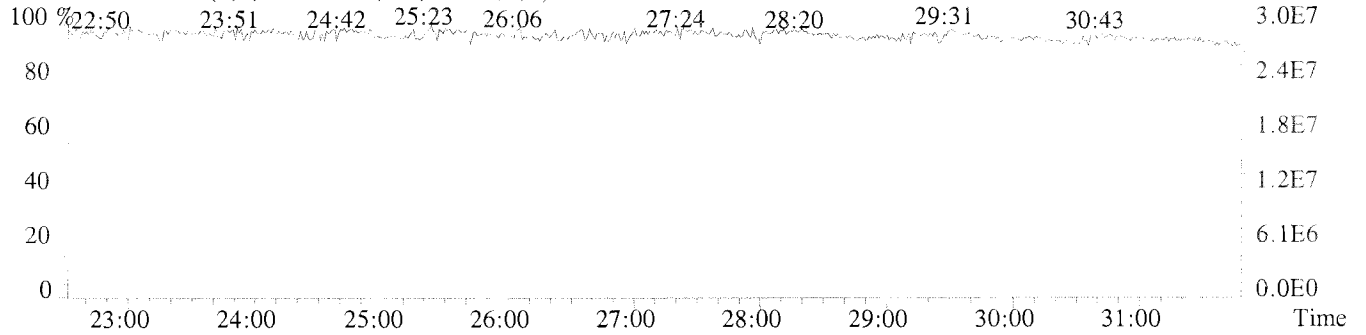
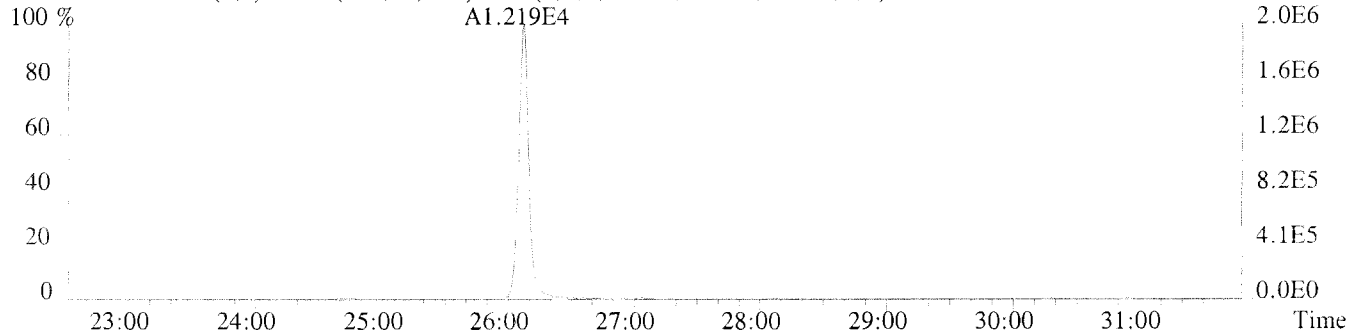
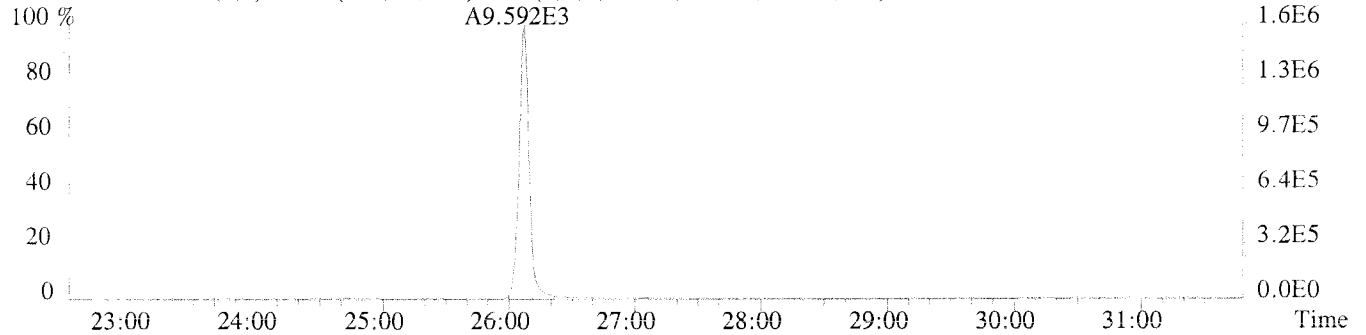
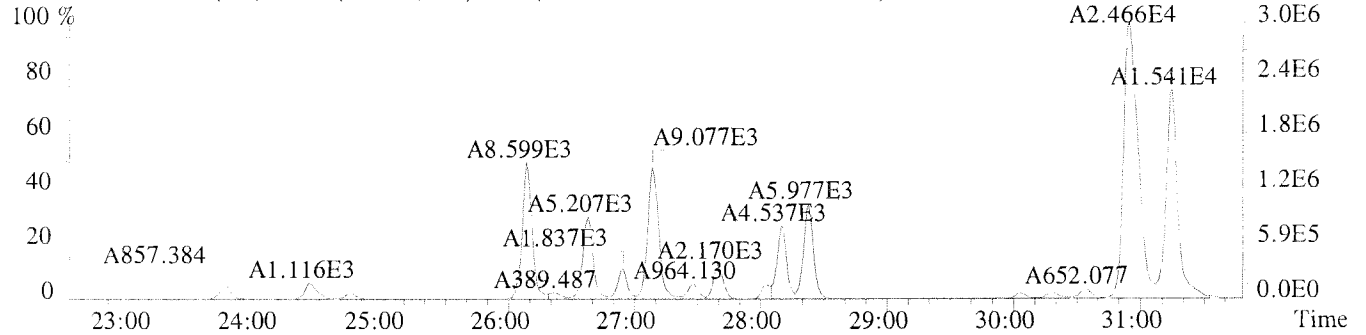
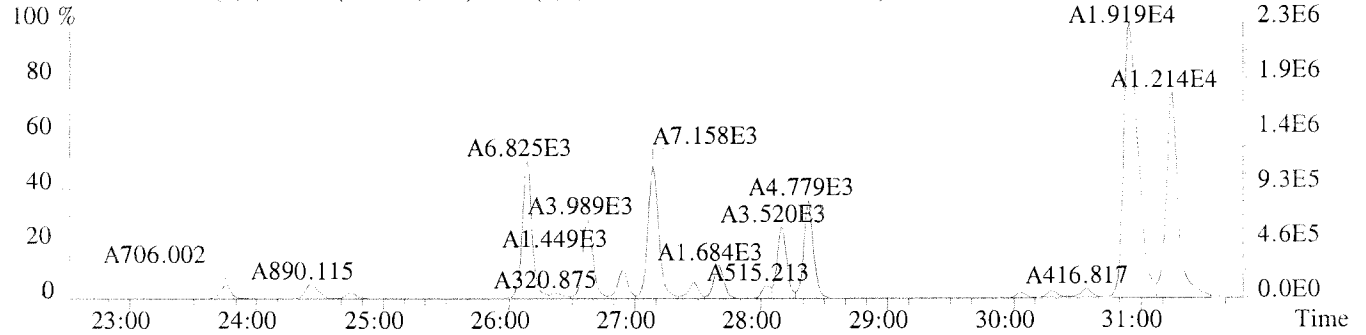
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8036.0,1.00%,F,T)



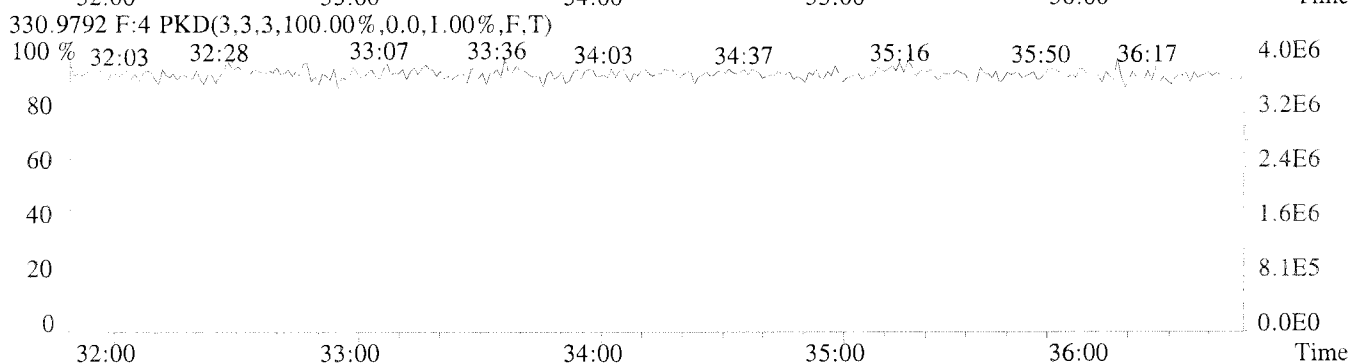
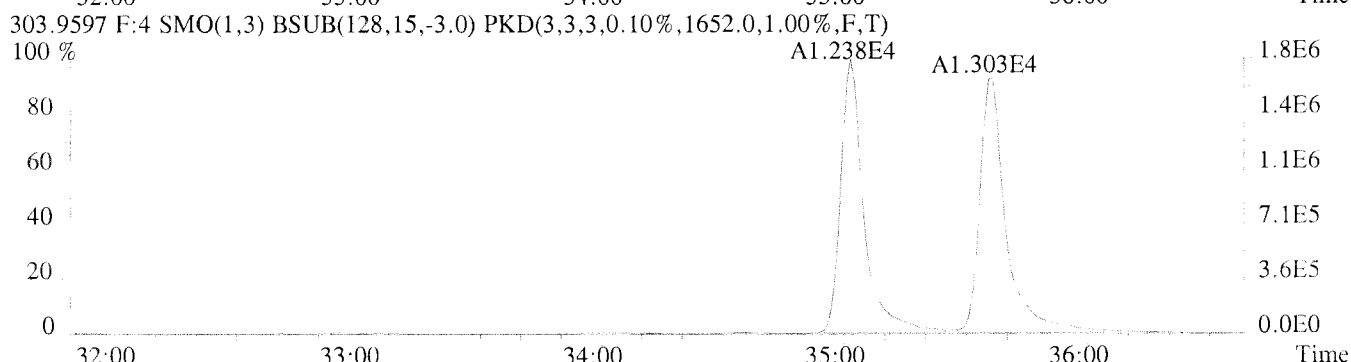
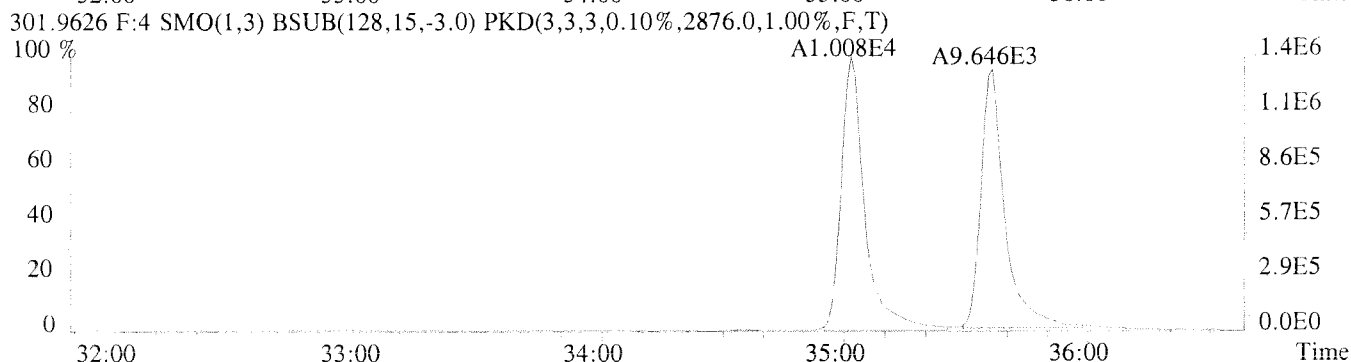
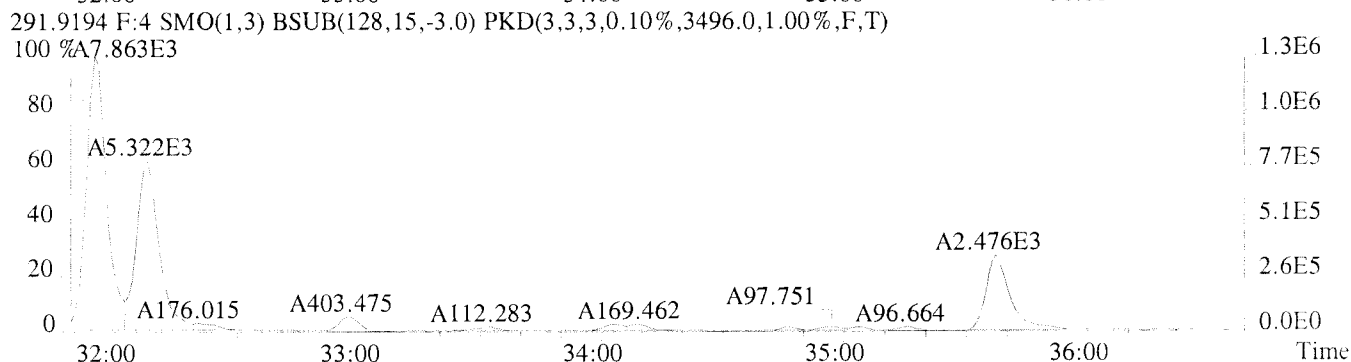
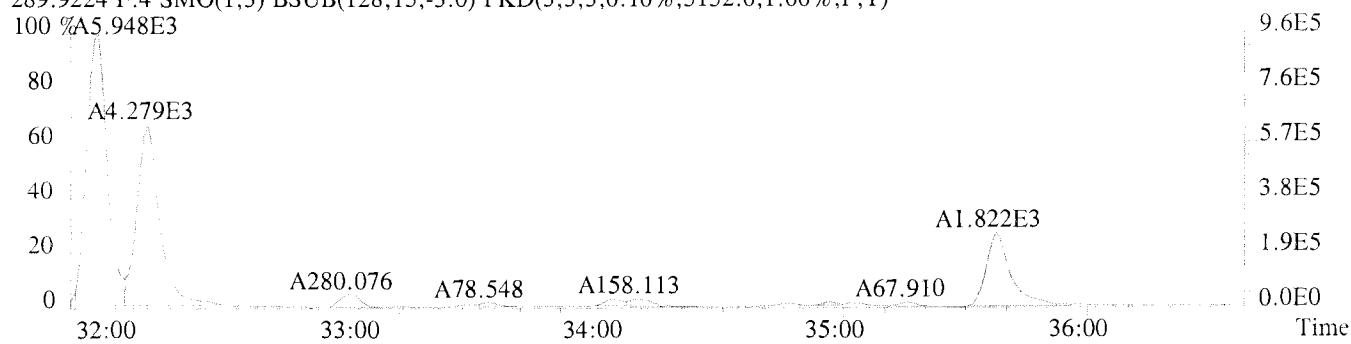
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



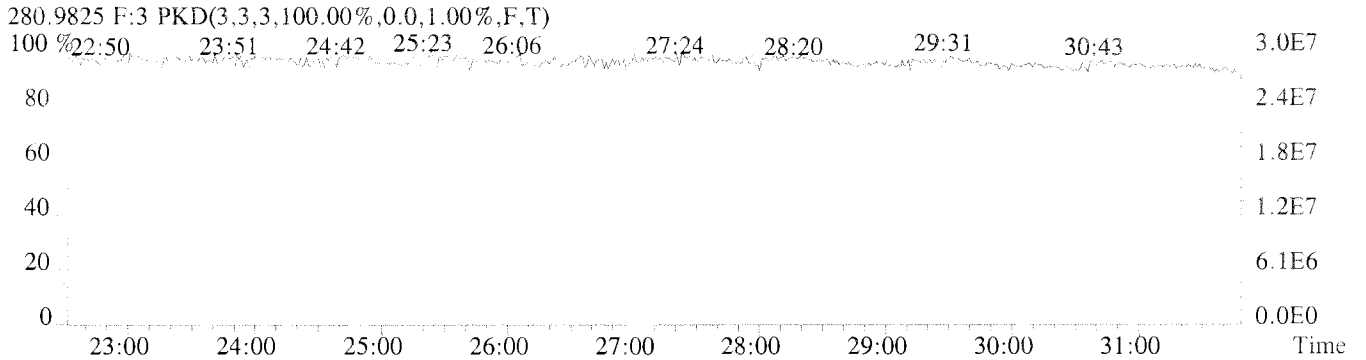
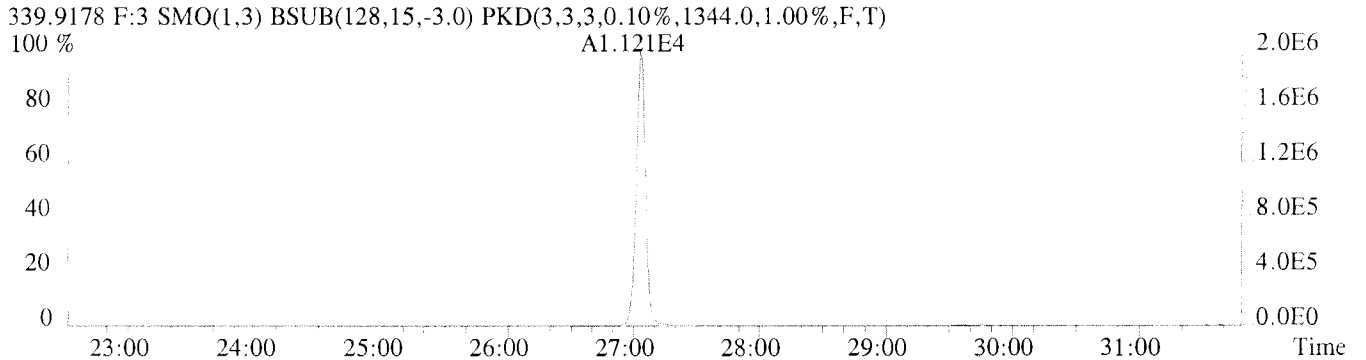
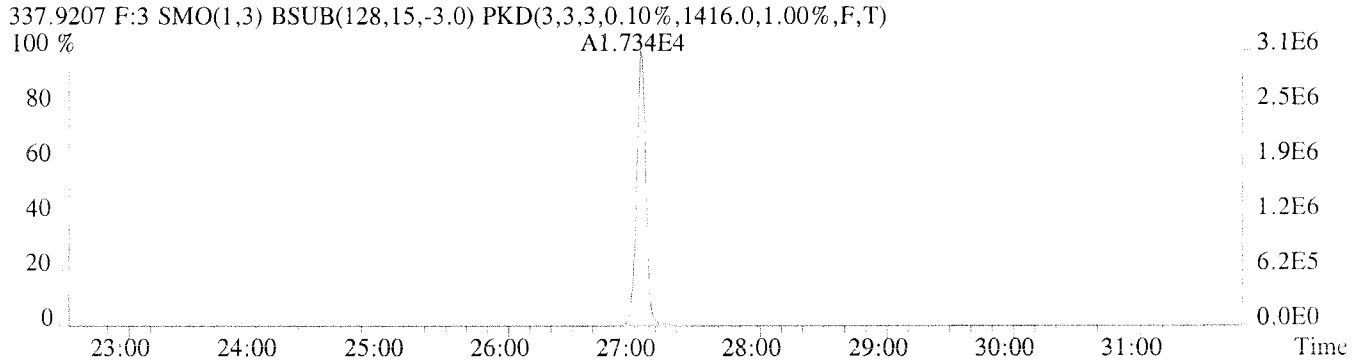
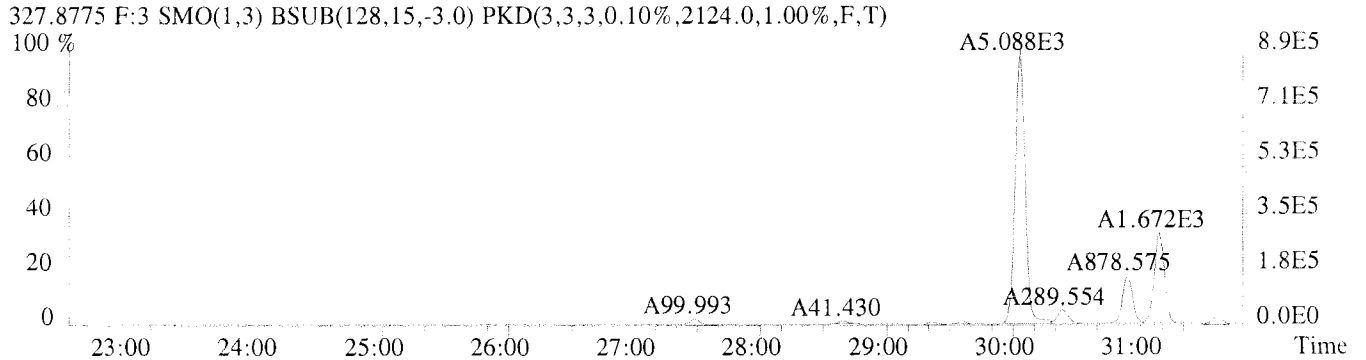
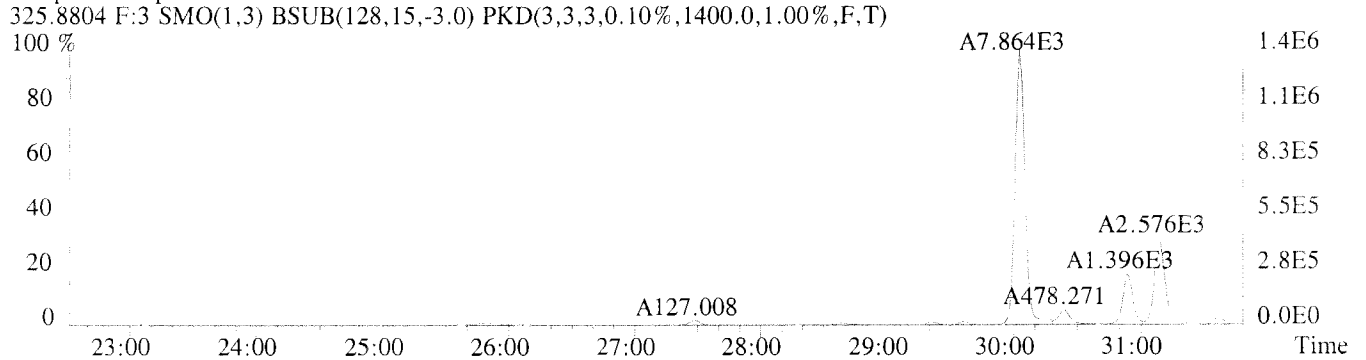




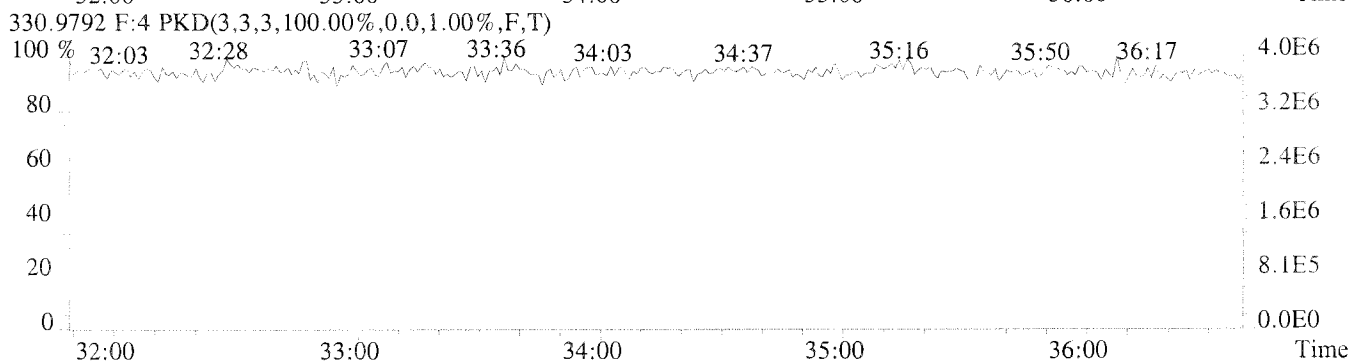
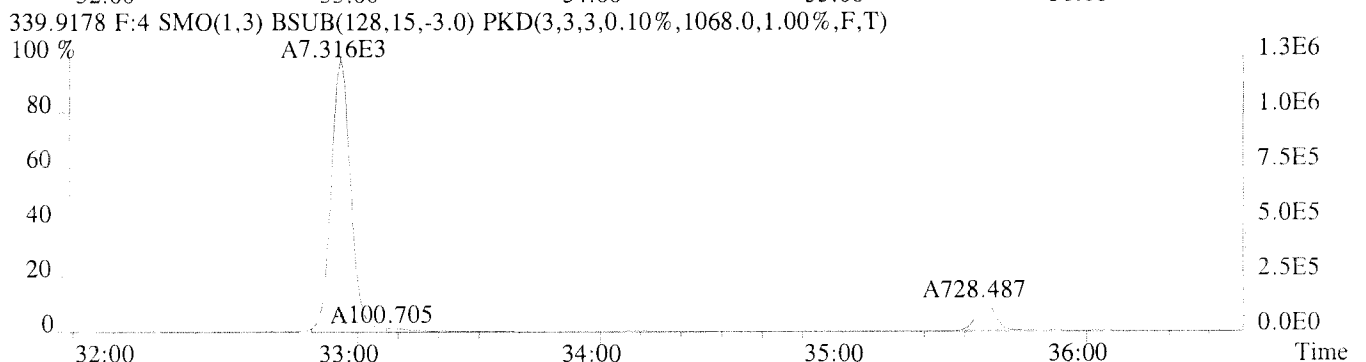
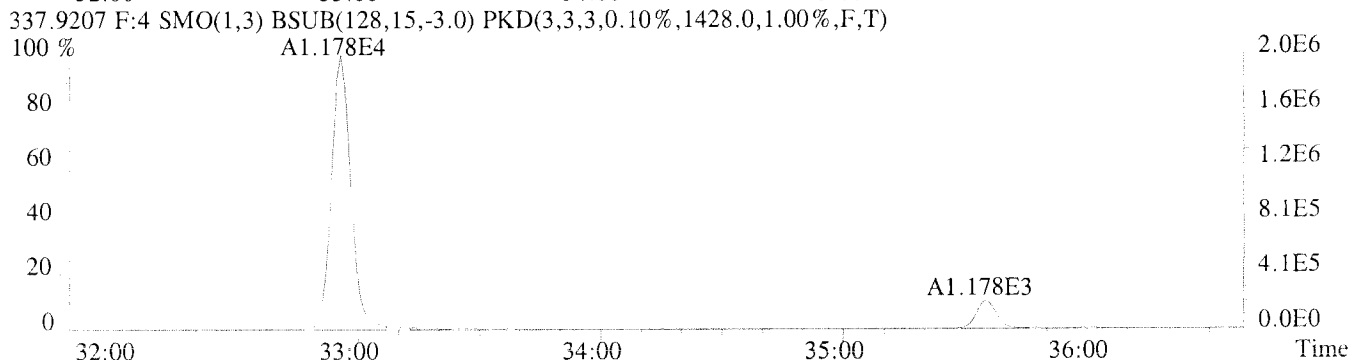
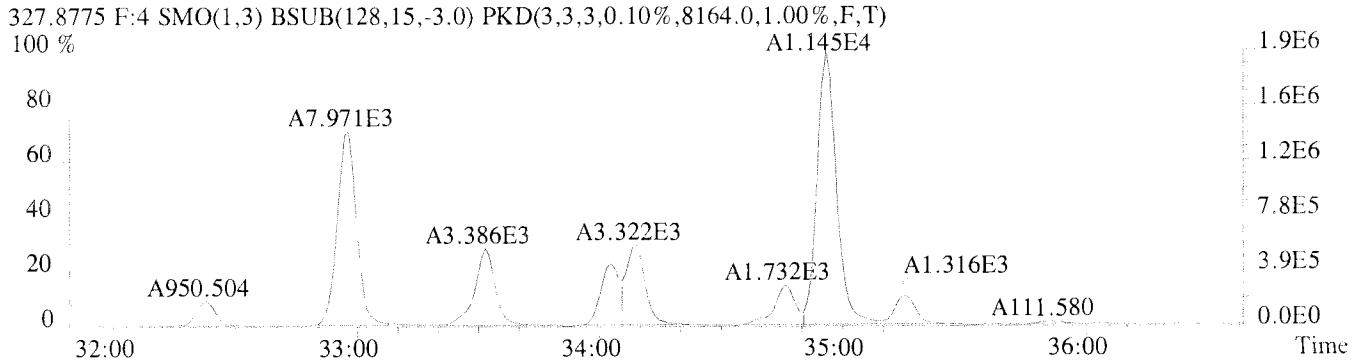
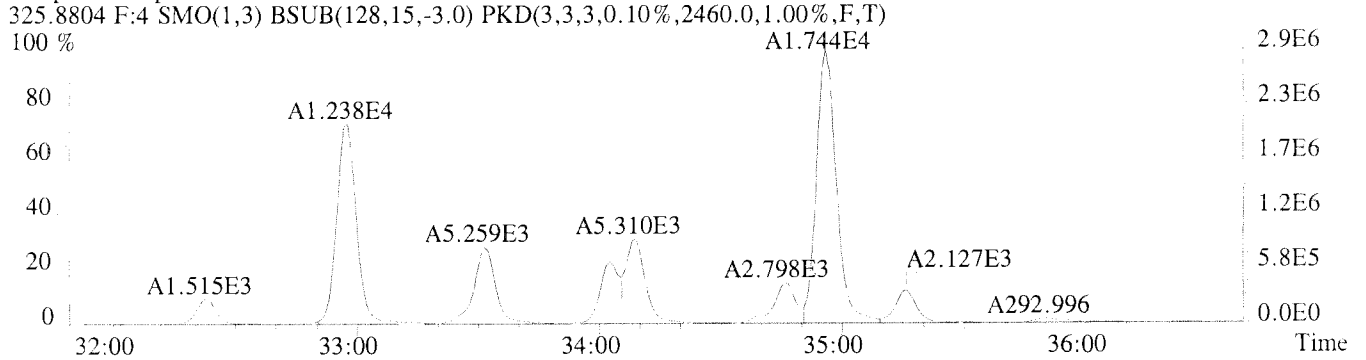
File:U224773 #1-309 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-010DL USENE/W08
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5152.0,1.00%,F,T)
 100 %A5.948E3



File:U224773 #1-594 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010DL USENE/W08



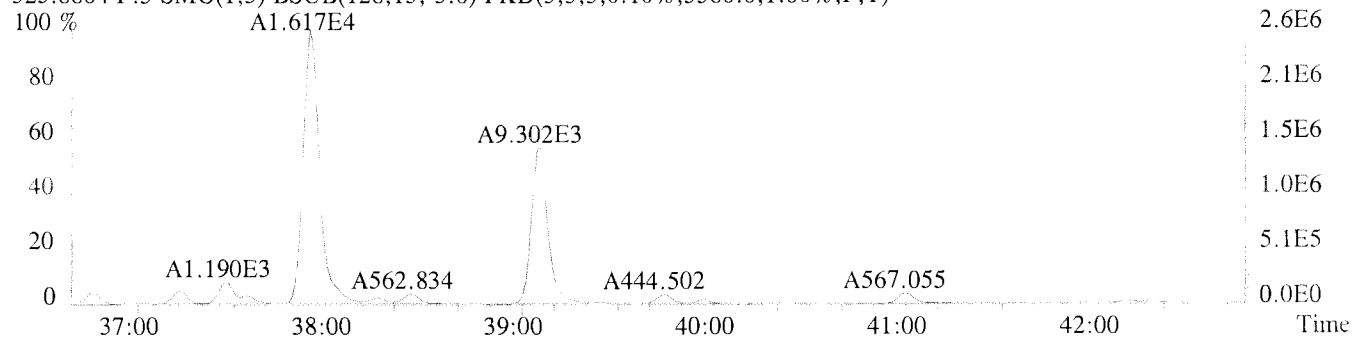
File:U224773 #1-309 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010DL USENE/W08



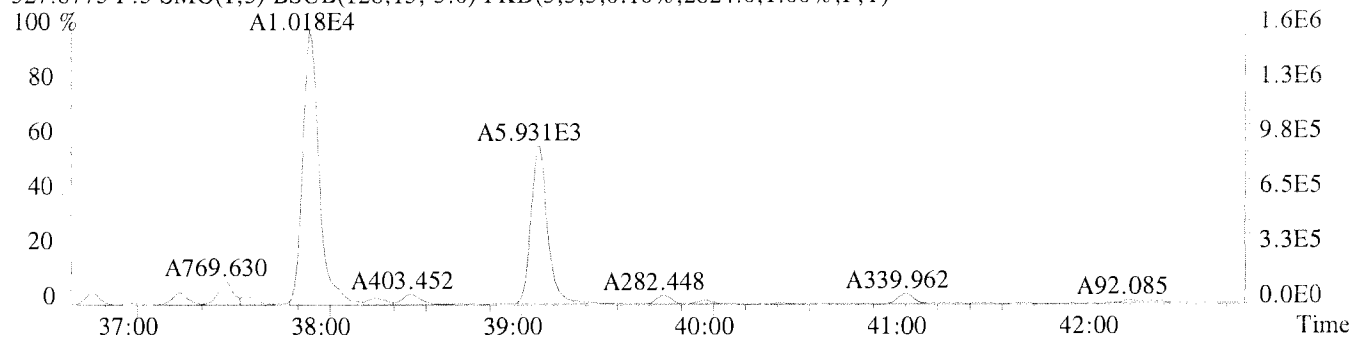
File:U224773 #1-391 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-010DL USENE/W08

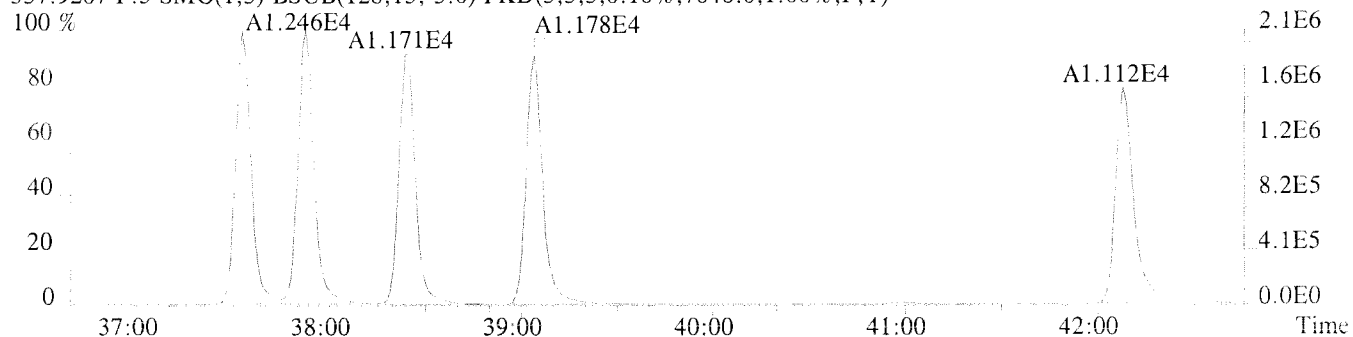
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5580.0,1.00%,F,T)



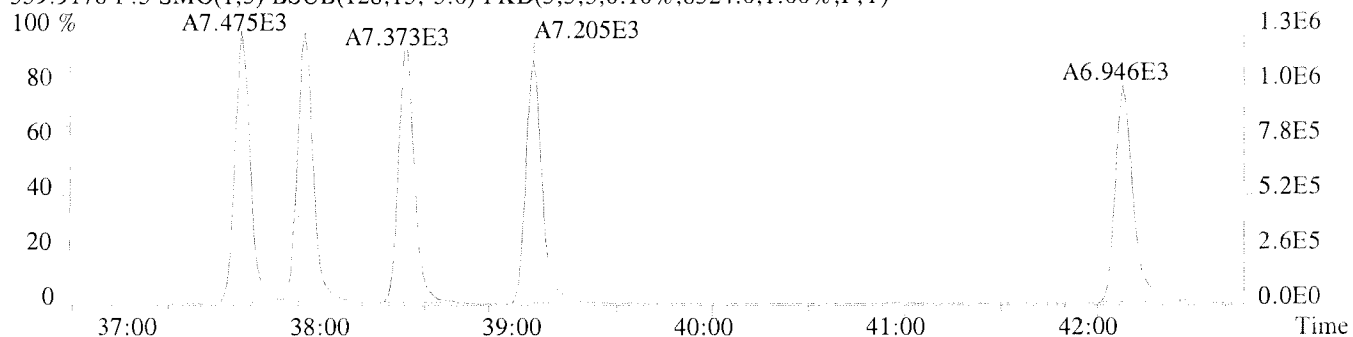
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2824.0,1.00%,F,T)



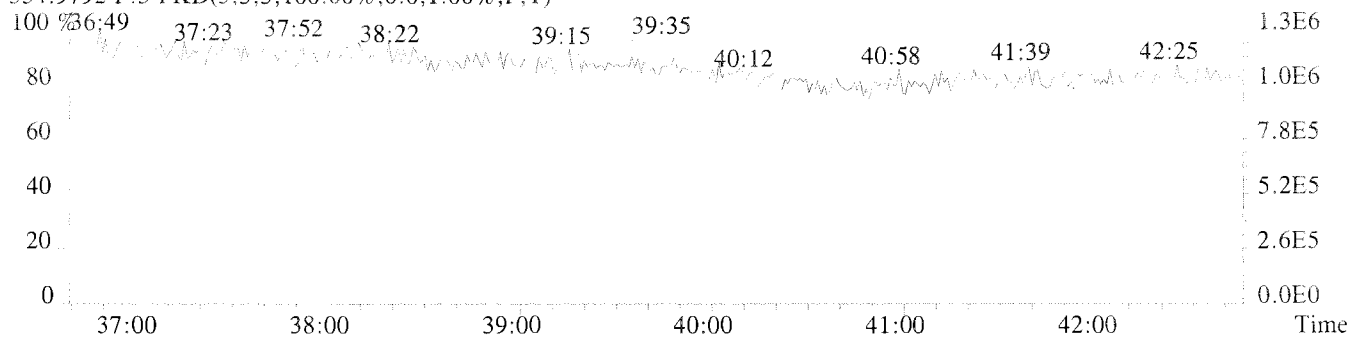
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7040.0,1.00%,F,T)

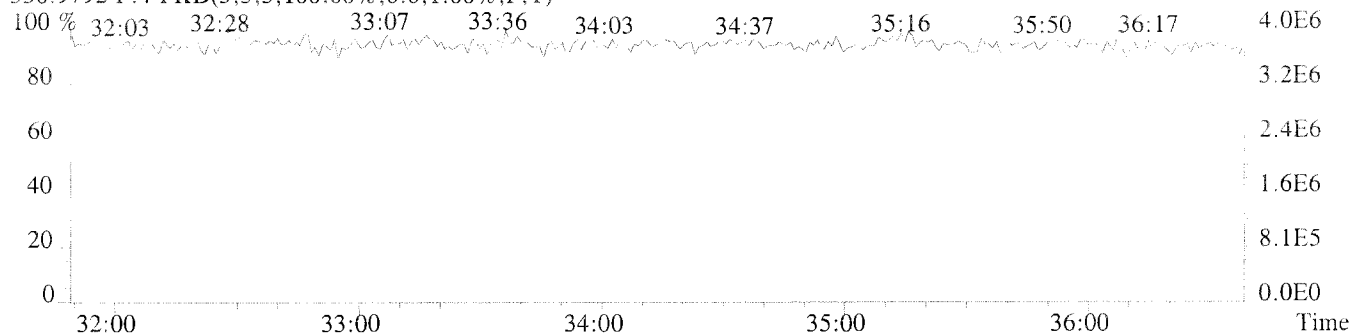
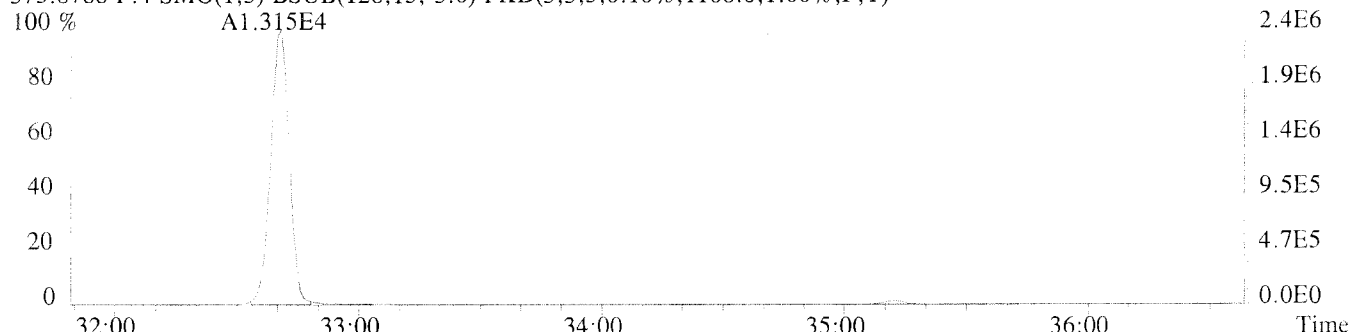
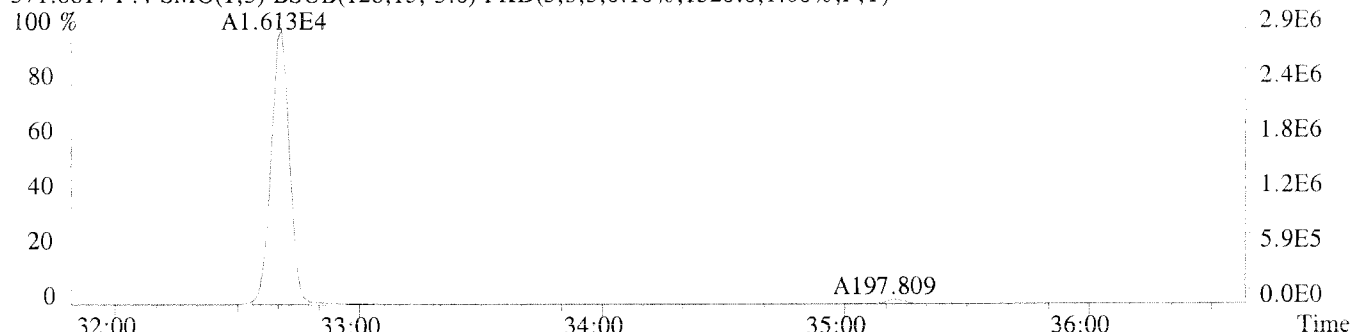
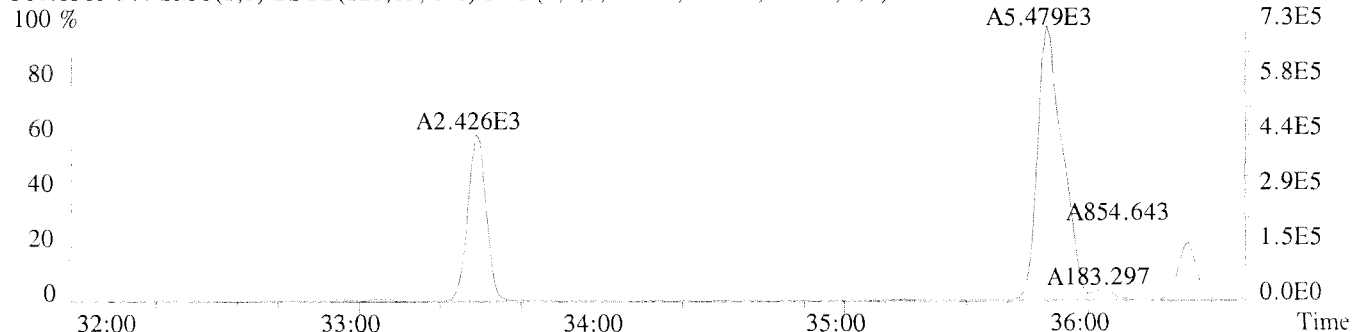
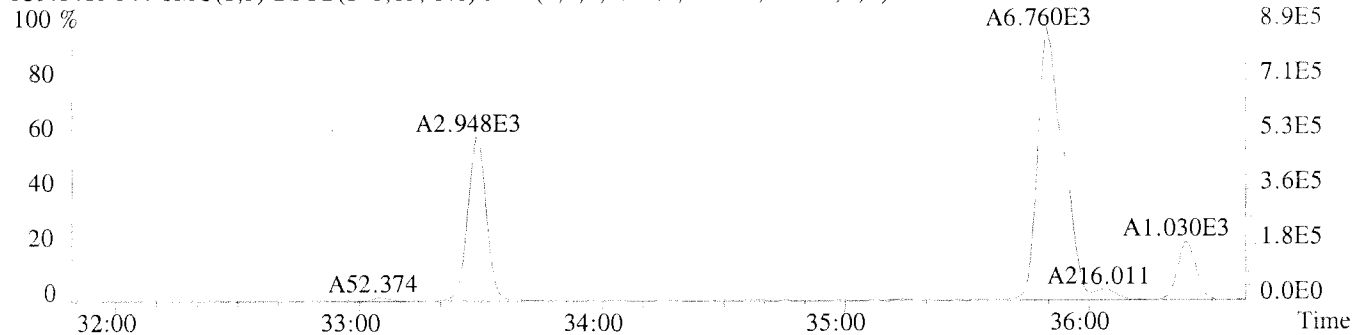


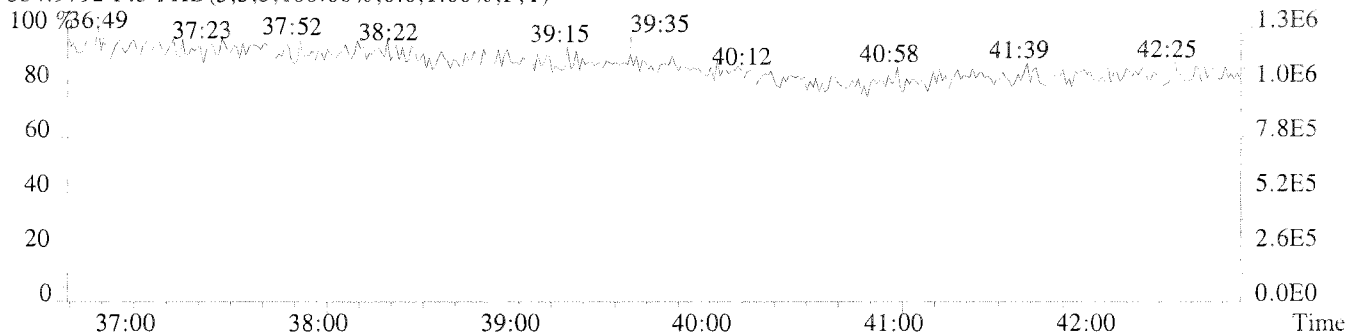
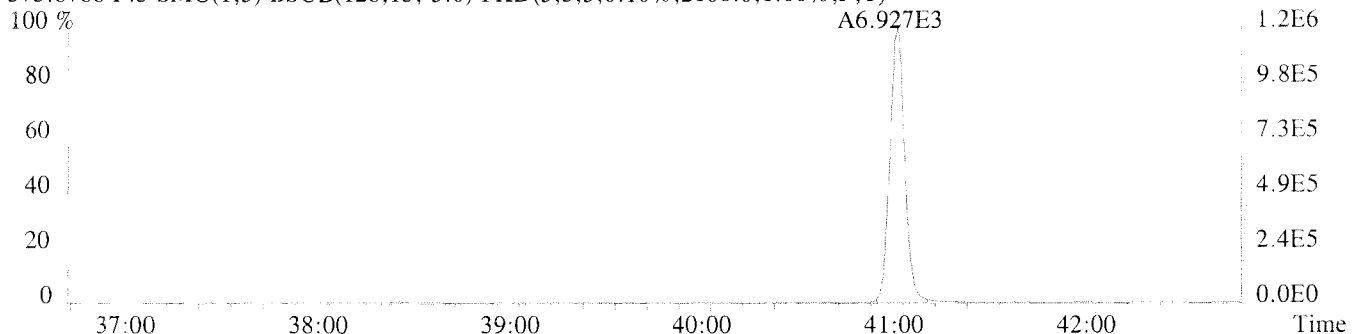
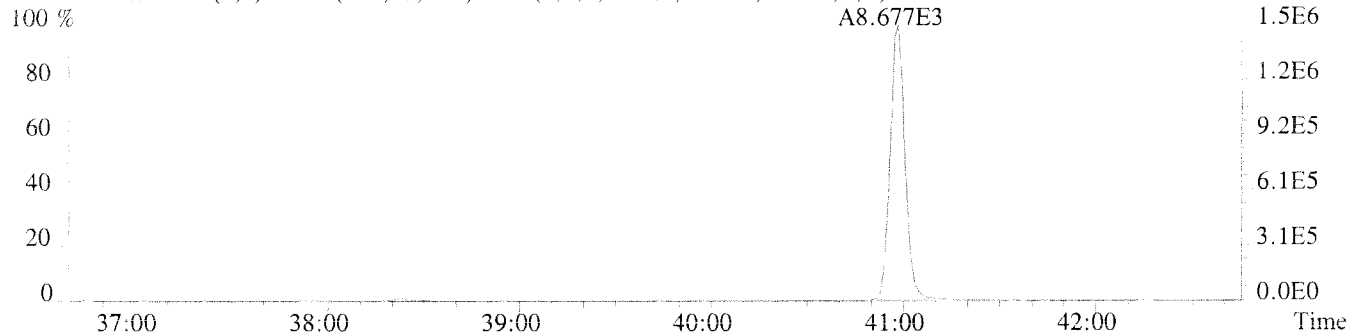
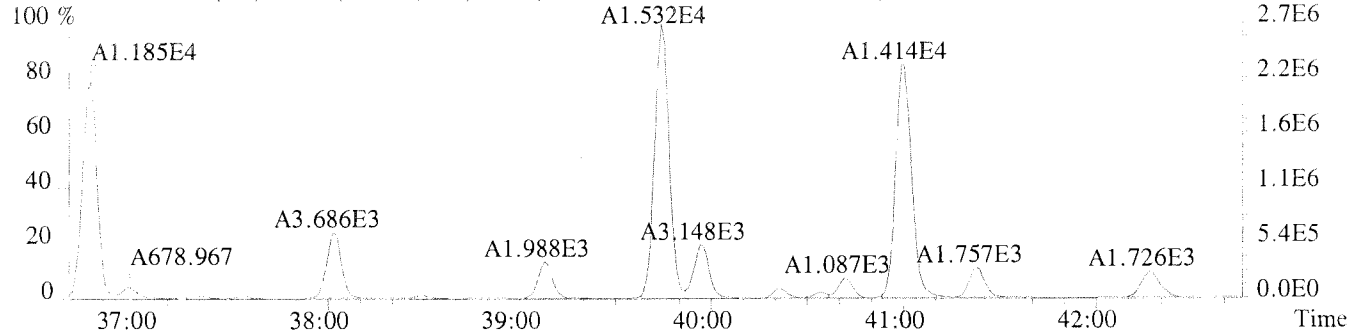
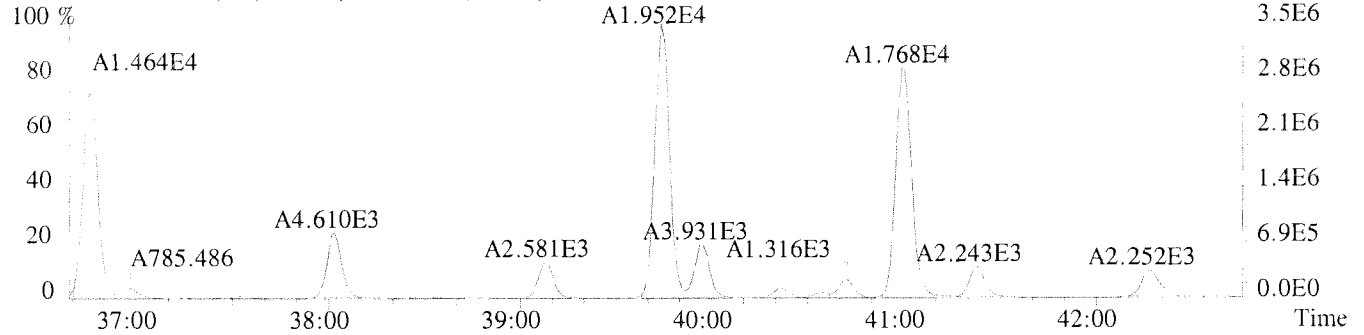
339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8324.0,1.00%,F,T)



354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



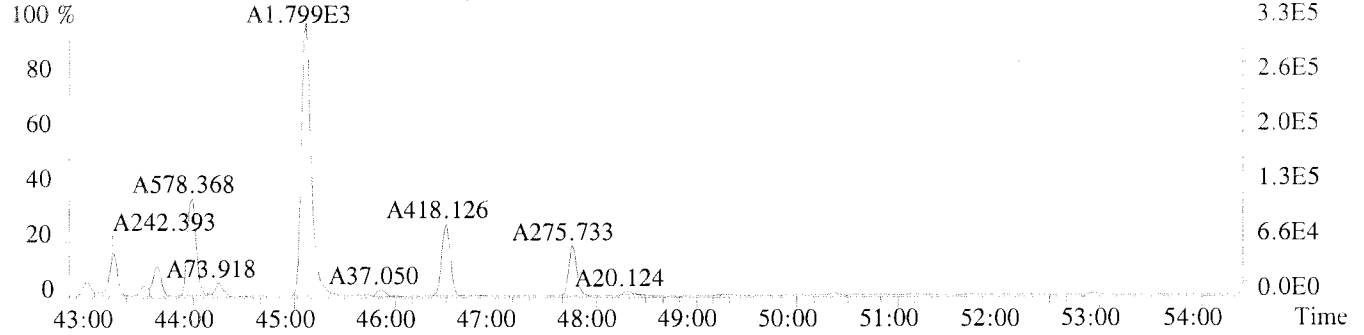




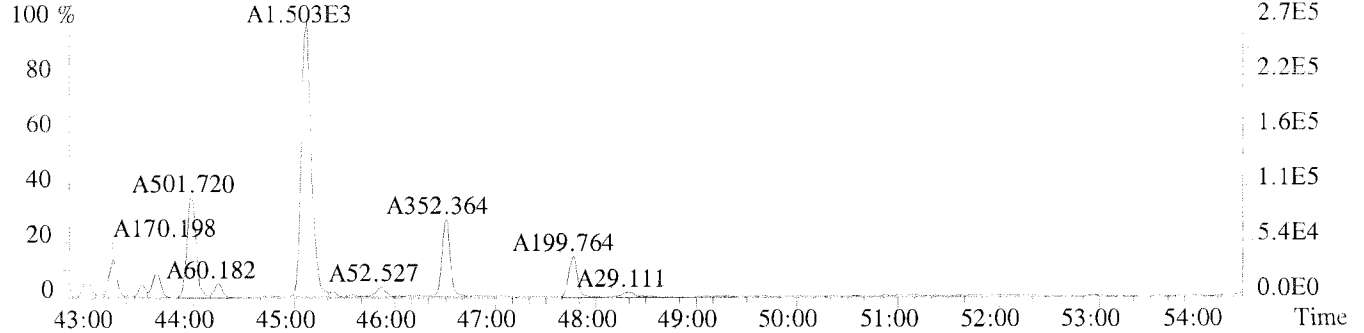
File:U224773 #1-577 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-010DL USENE/W08

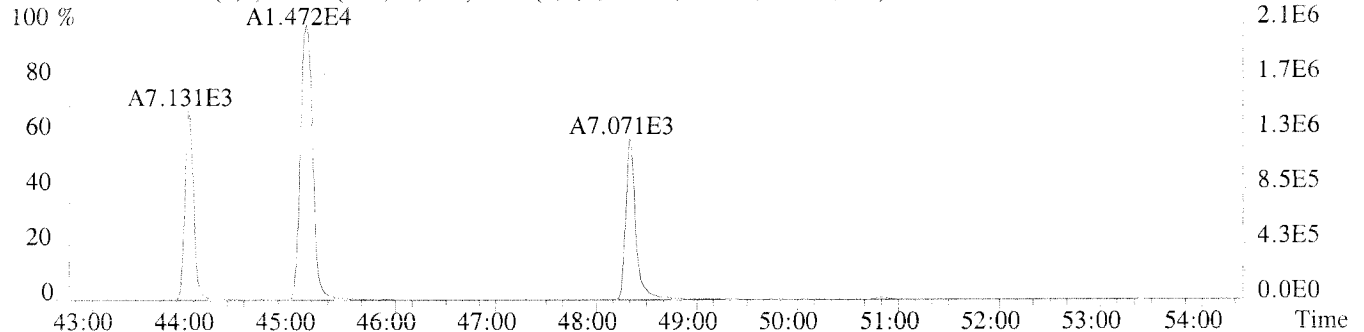
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2016.0,1.00%,F,T)



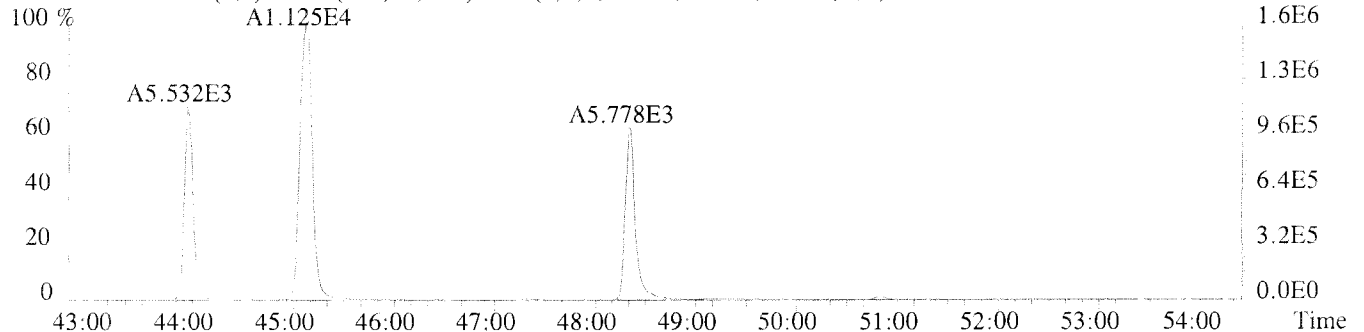
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,756.0,1.00%,F,T)



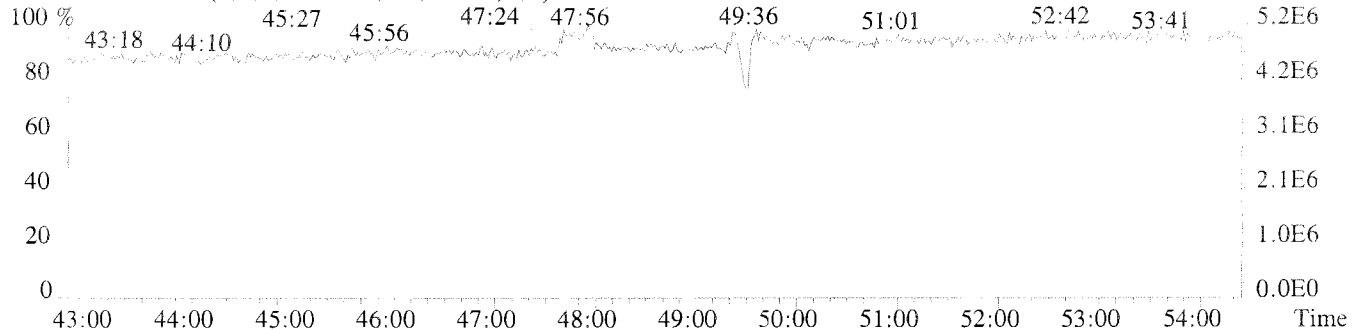
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1612.0,1.00%,F,T)



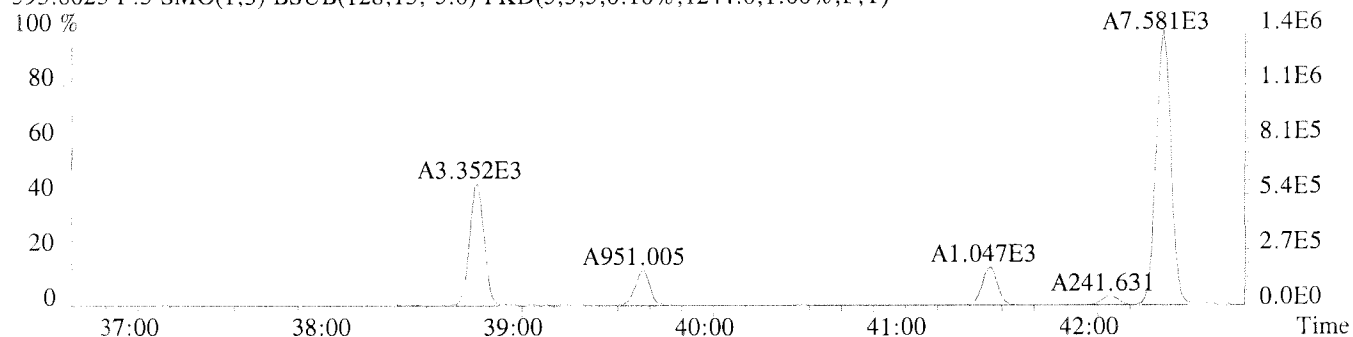
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



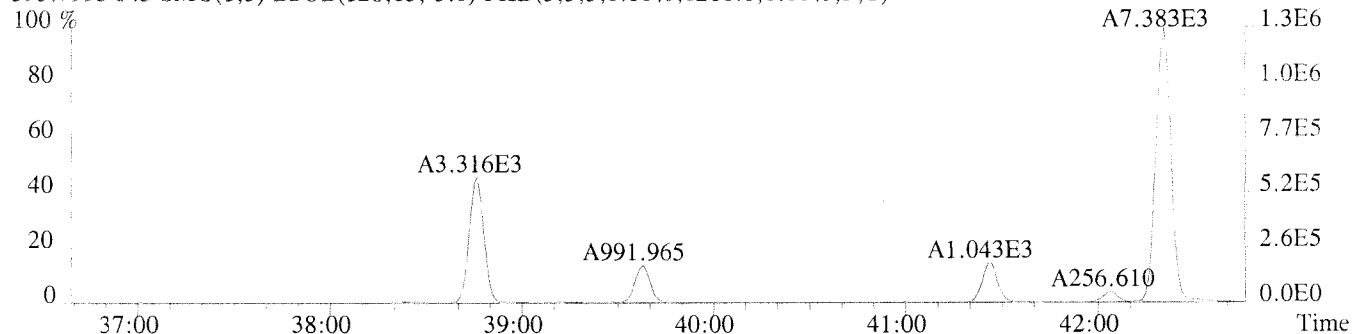
File:U224773 #1-391 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-010DL USENE/W08

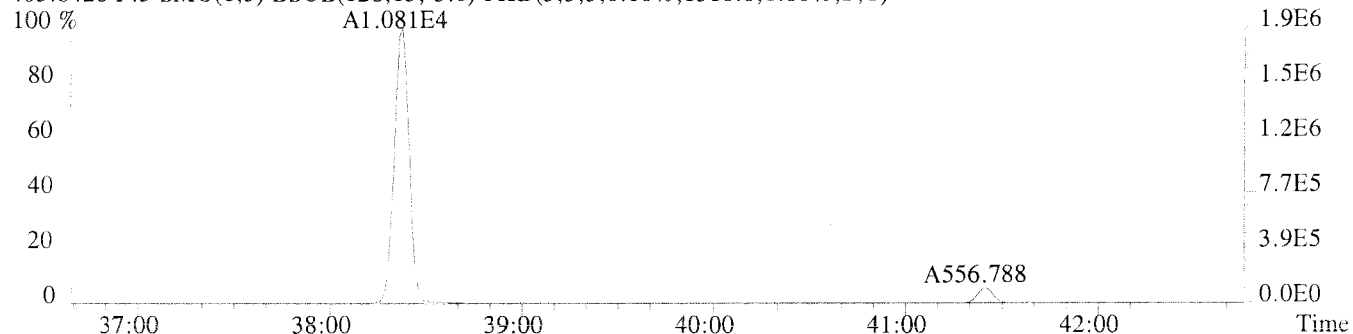
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1244.0,1.00%,F,T)



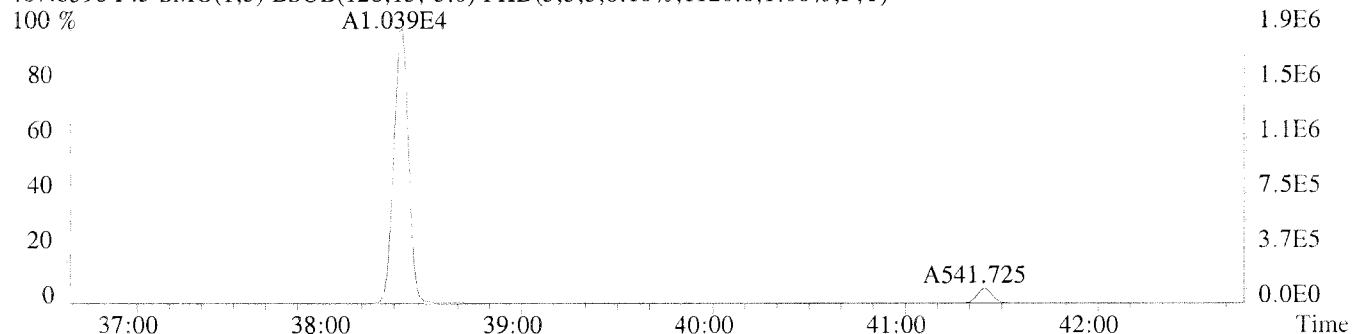
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1268.0,1.00%,F,T)



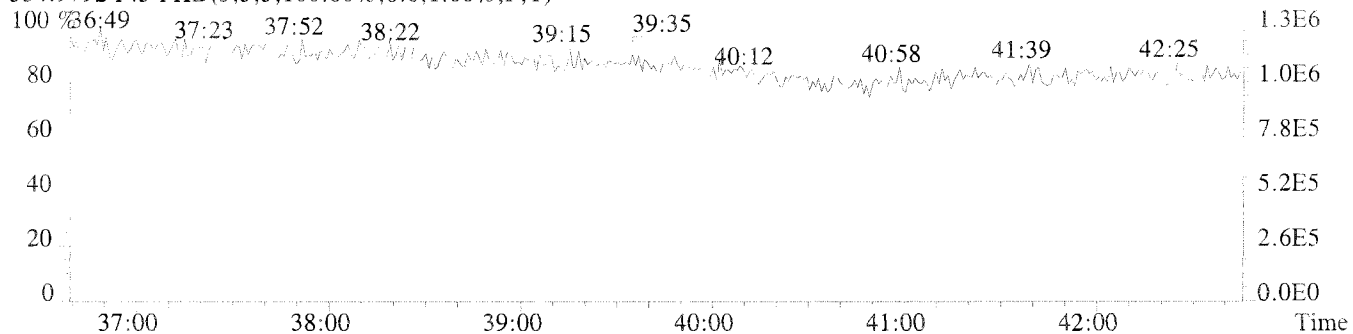
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1380.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1120.0,1.00%,F,T)



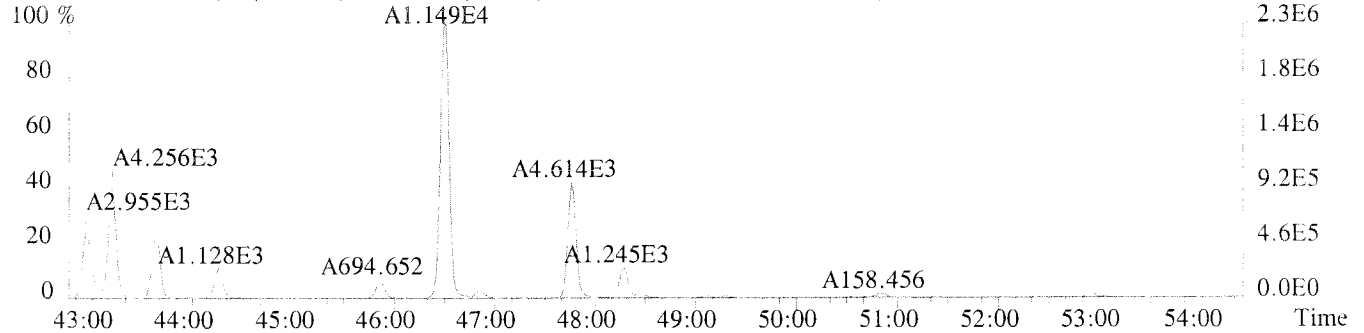
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



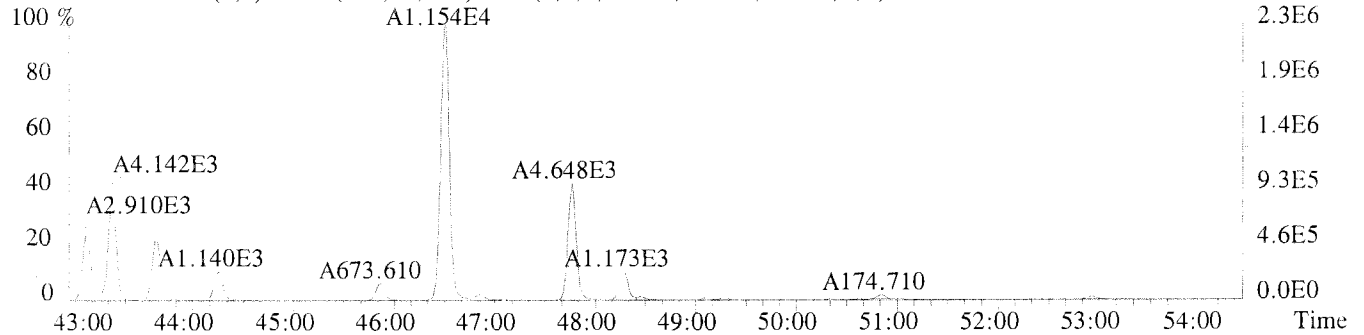
File:U224773 #1-577 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-010DL USENE/W08

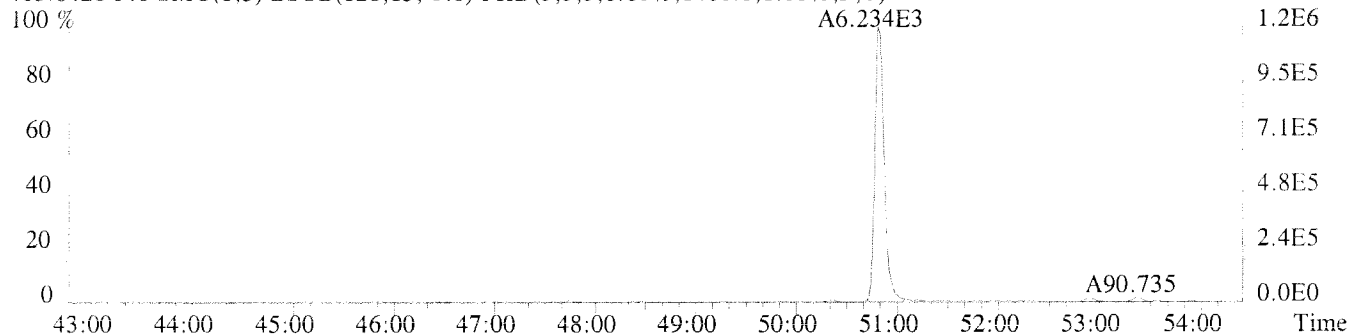
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2456.0,1.00%,F,T)



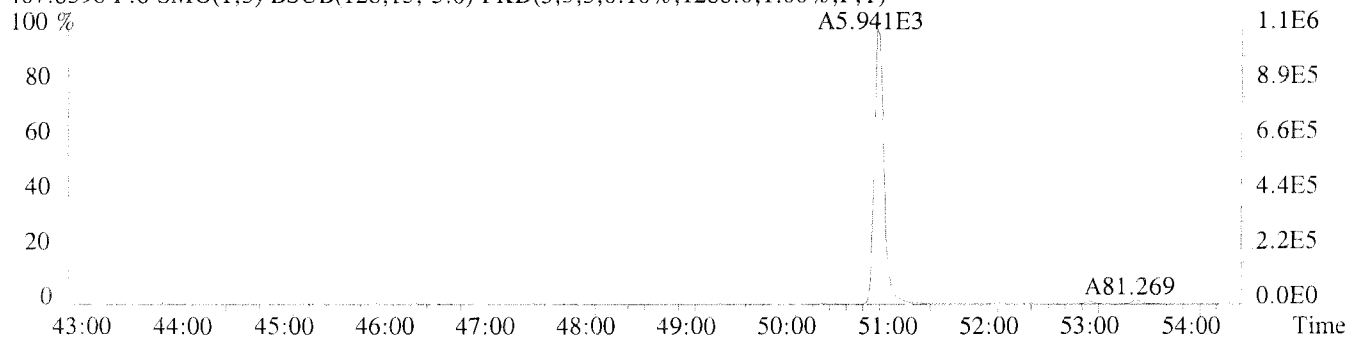
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2132.0,1.00%,F,T)



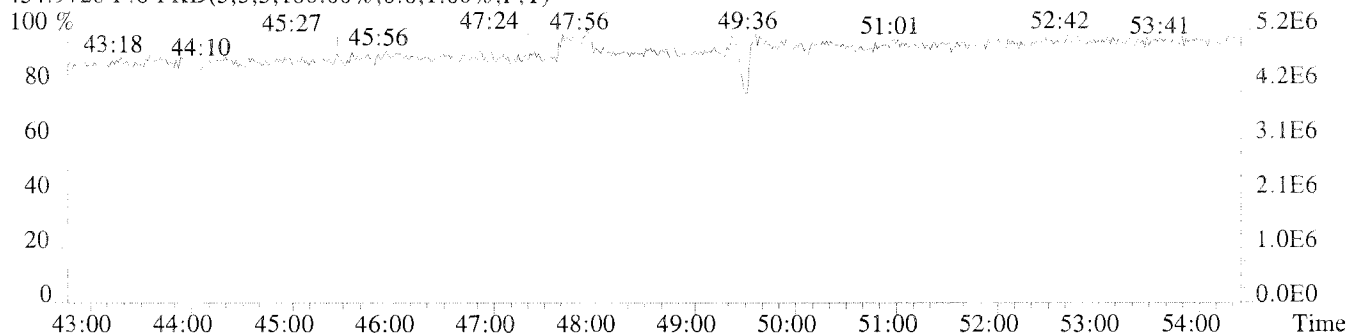
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1460.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1288.0,1.00%,F,T)

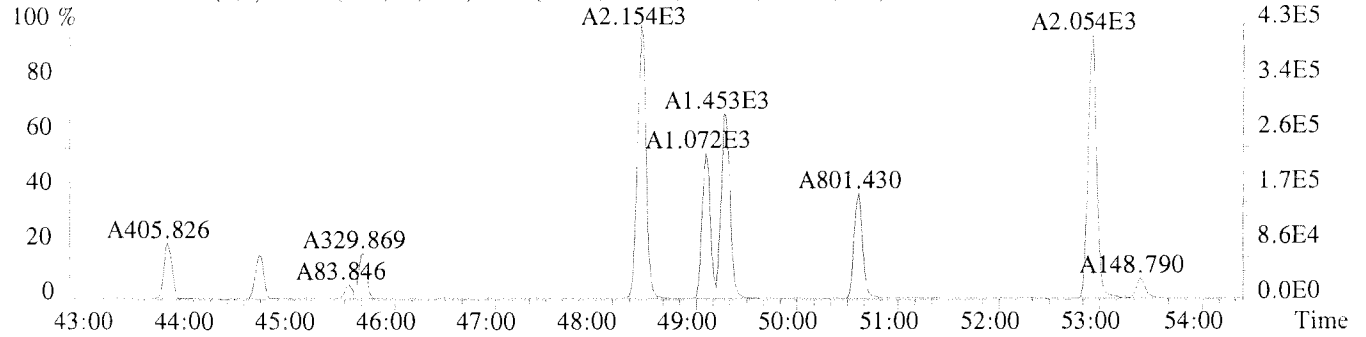


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

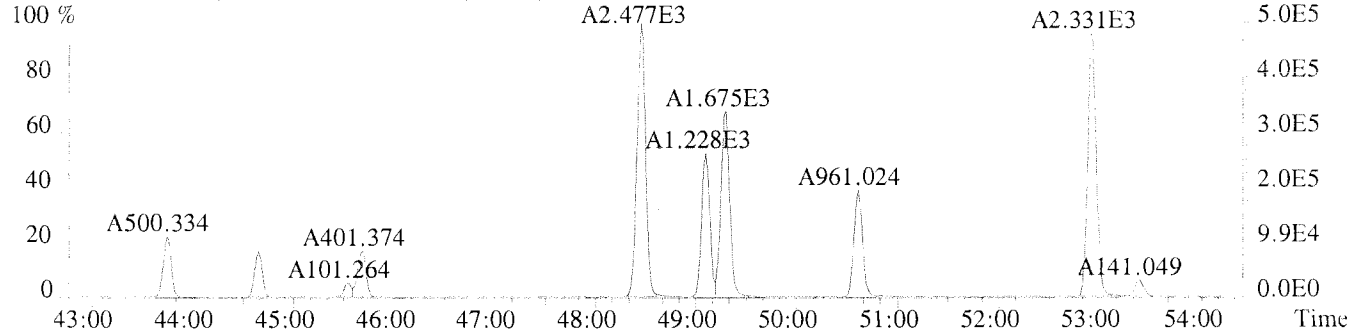


File:U224773 #1-577 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010DL USENE/W08

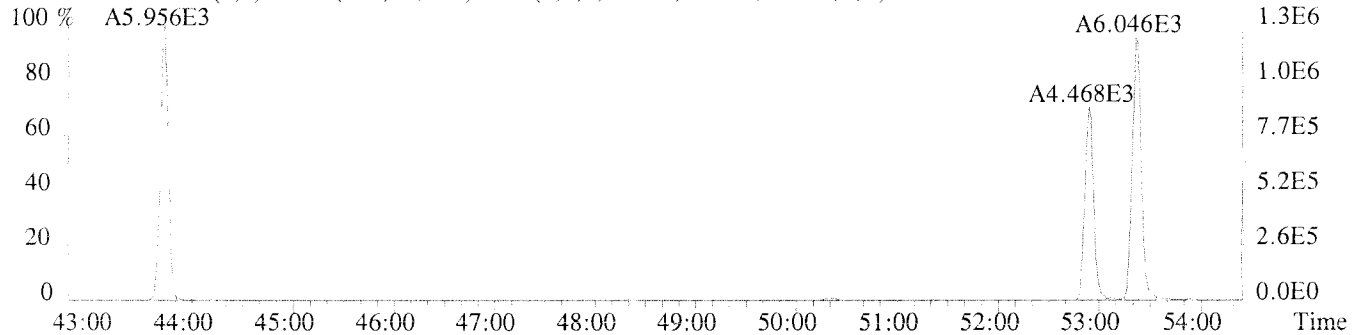
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1684.0,1.00%,F,T)



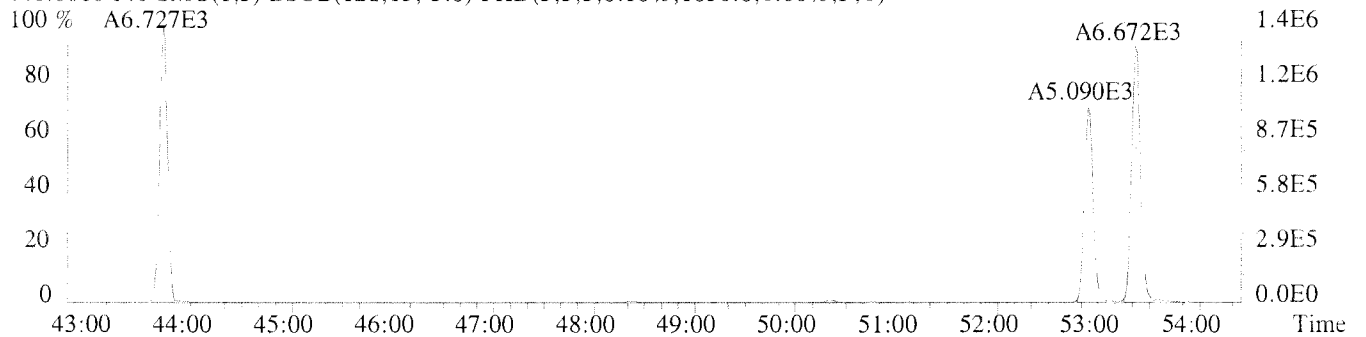
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1224.0,1.00%,F,T)



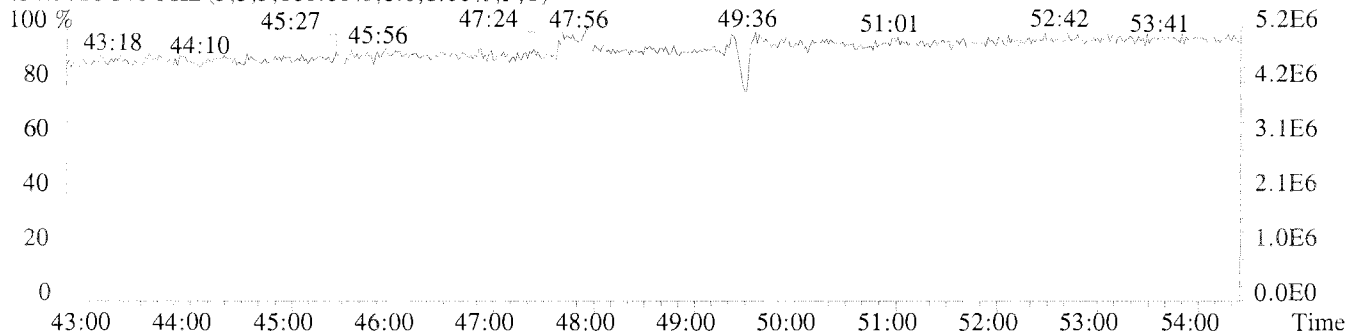
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1064.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1056.0,1.00%,F,T)



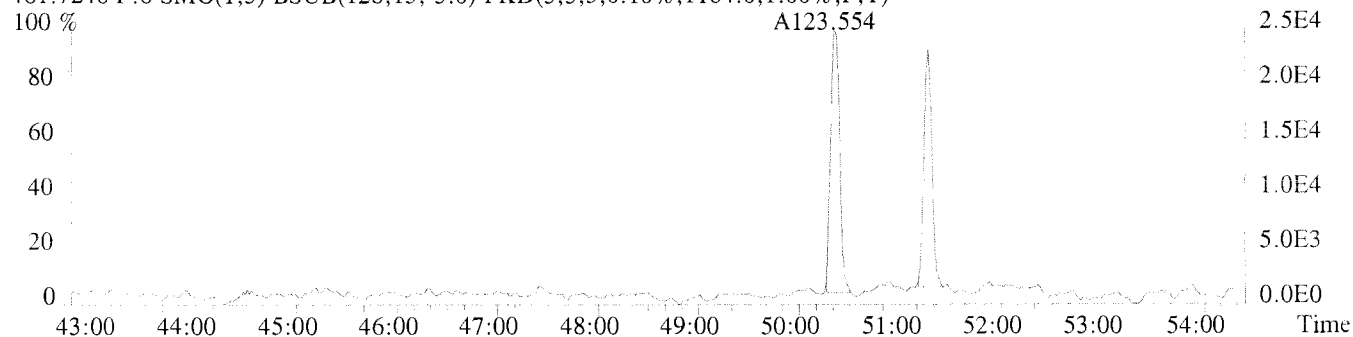
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



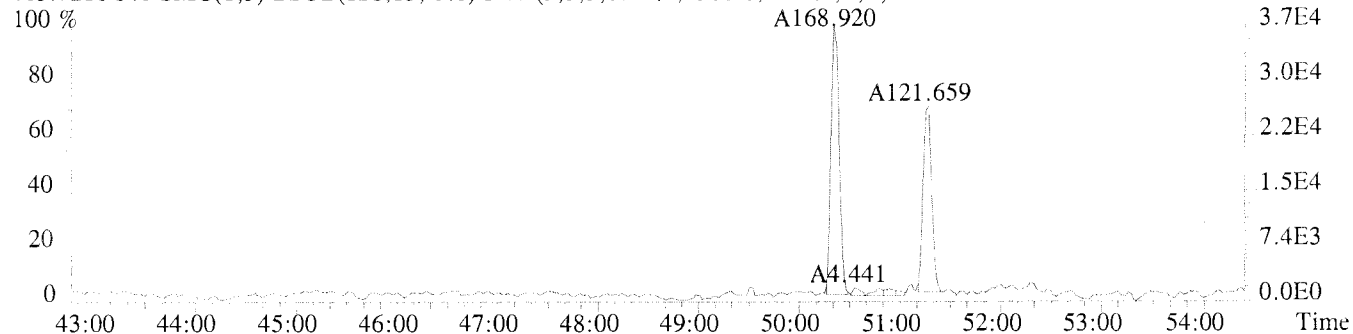
File:U224773 #1-577 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-010DL USENE/W08

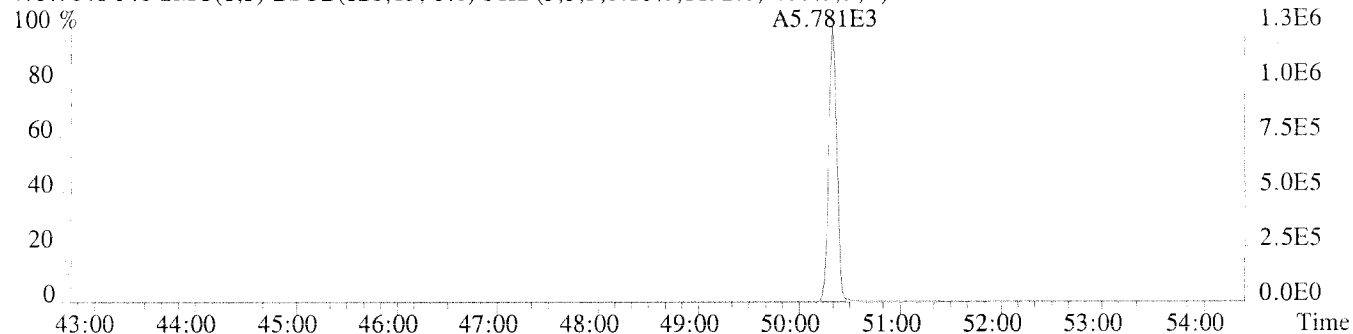
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)



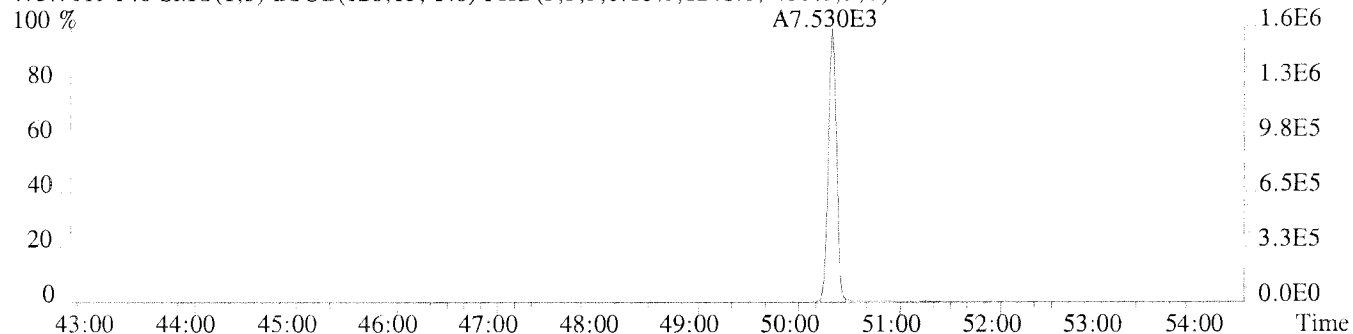
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1308.0,1.00%,F,T)



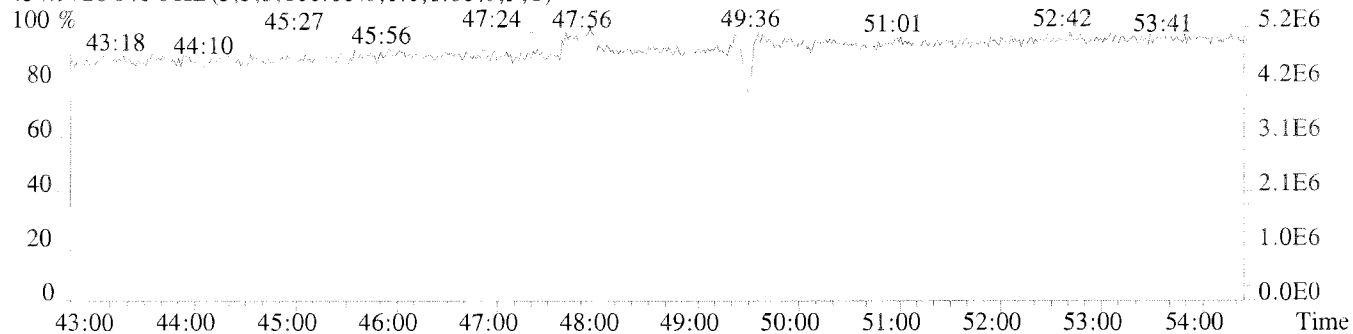
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1192.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1248.0,1.00%,F,T)

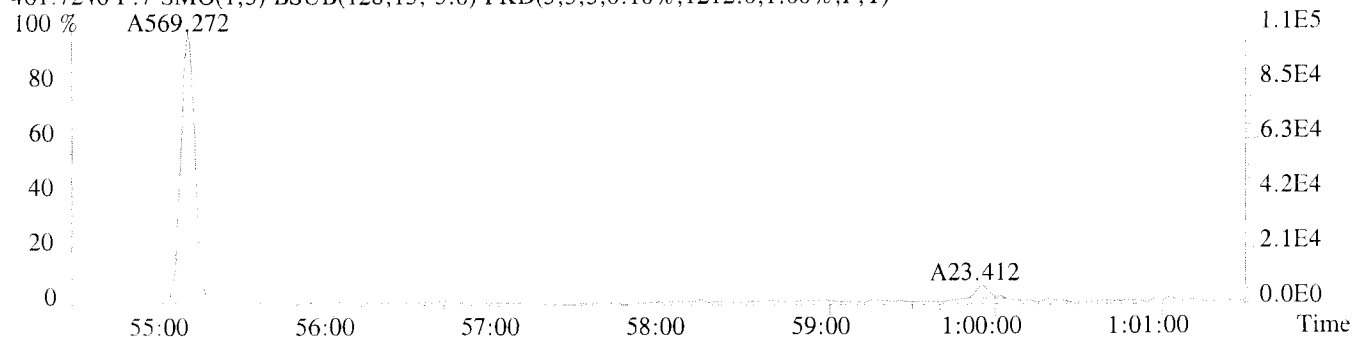


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

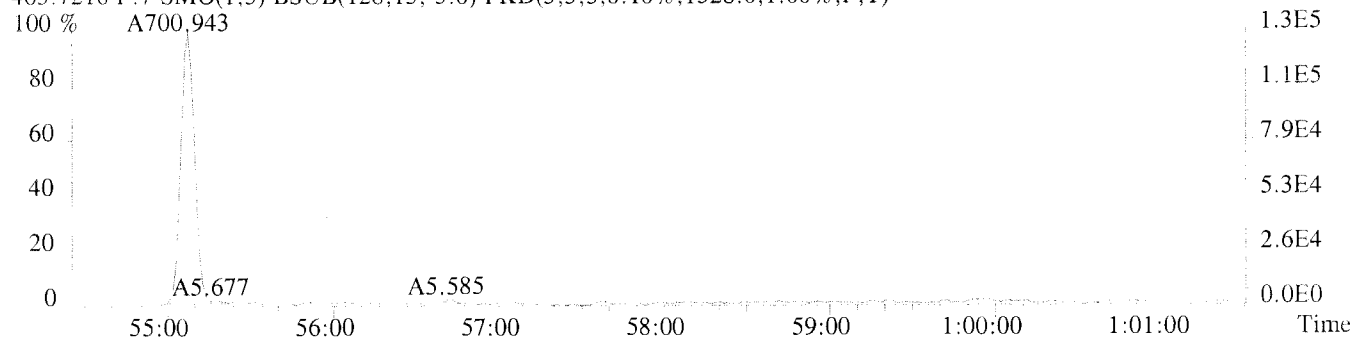


Sample#1 Exp:K1013433-010DL USENE/W08

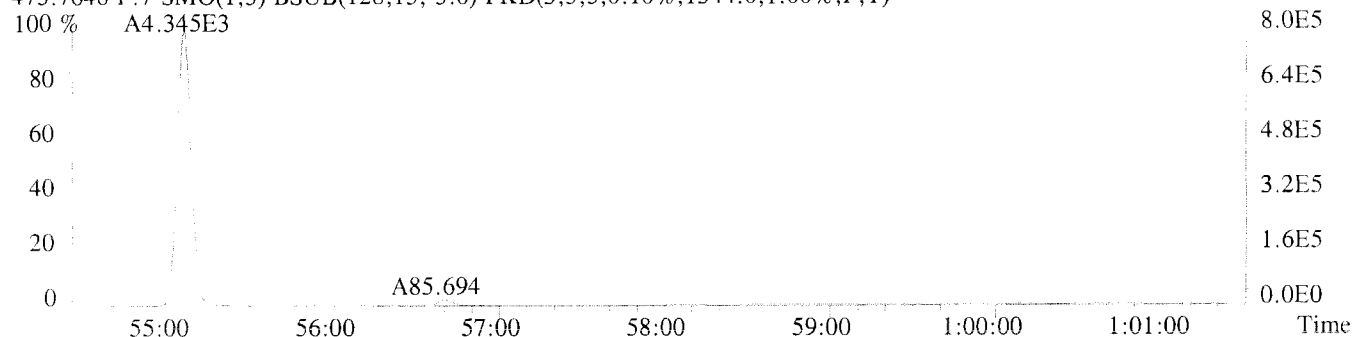
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1212.0,1.00%,F,T)



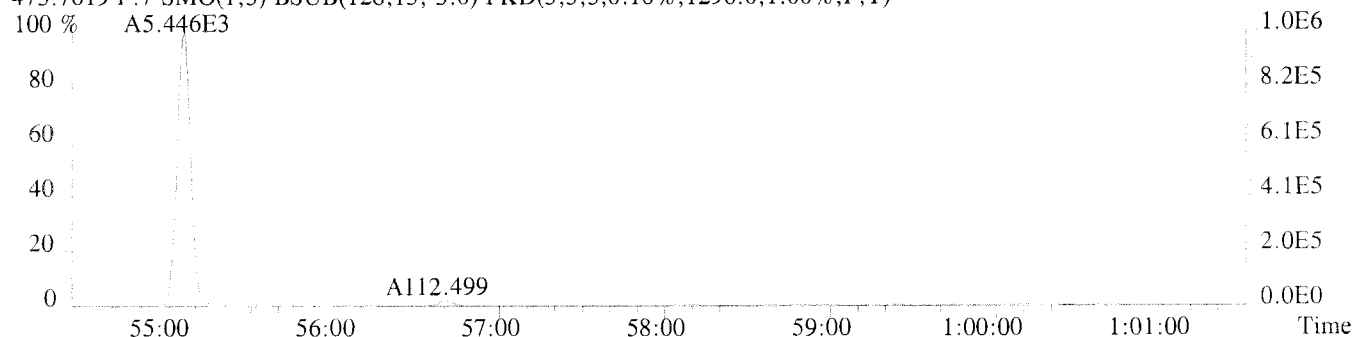
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1328.0,1.00%,F,T)



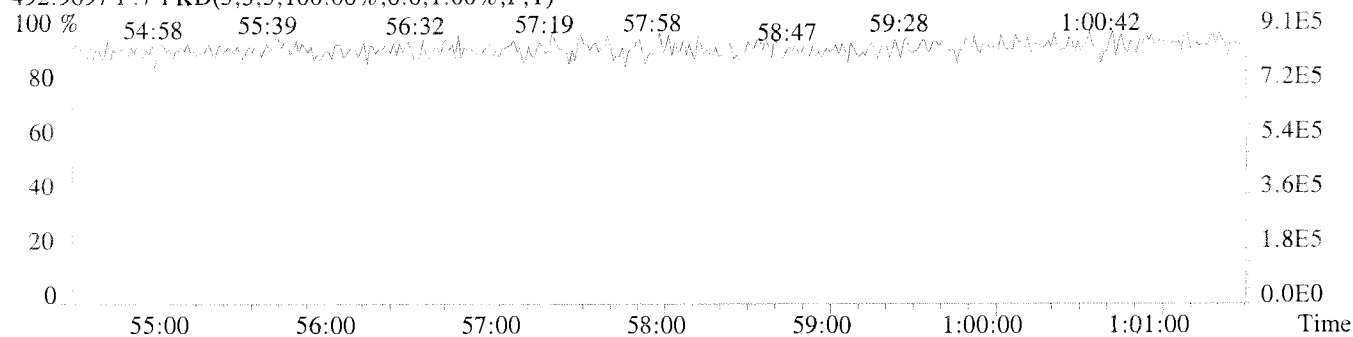
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1344.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1296.0,1.00%,F,T)

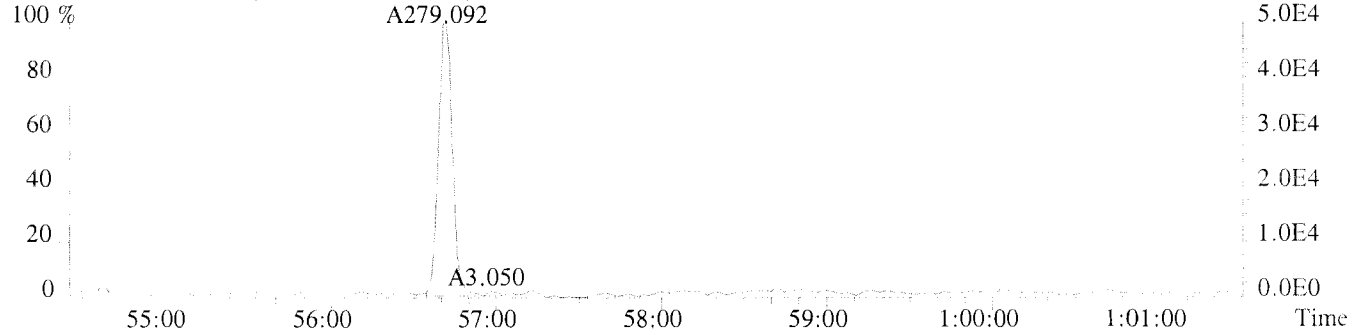


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

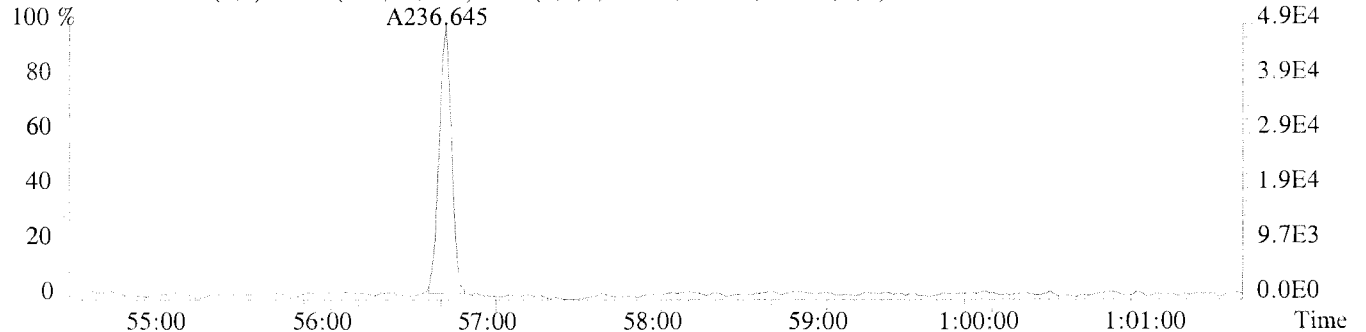


File:U224773 #1-400 Acq:17-JAN-2011 12:35:11 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-010DL USENE/W08

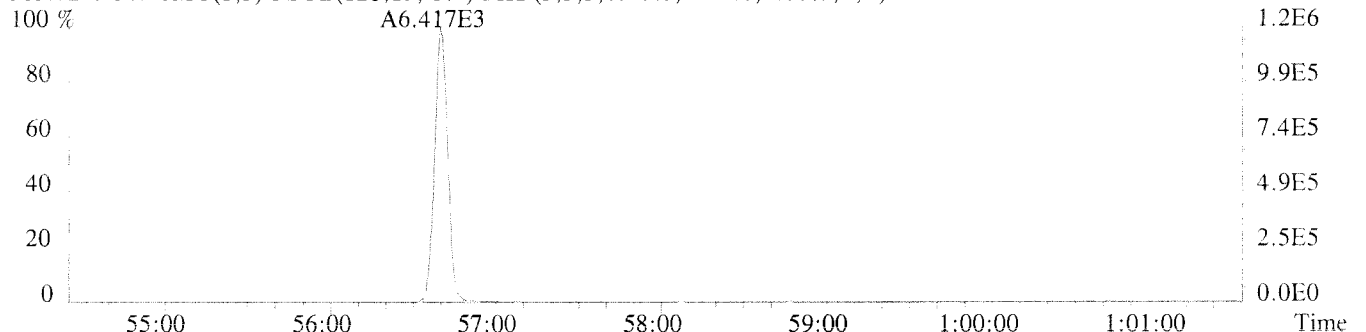
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,976.0,1.00%,F,T)



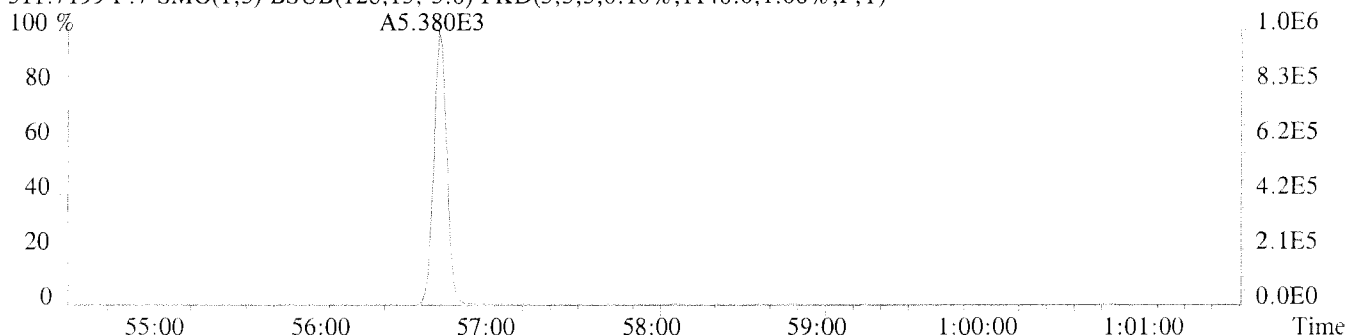
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1124.0,1.00%,F,T)



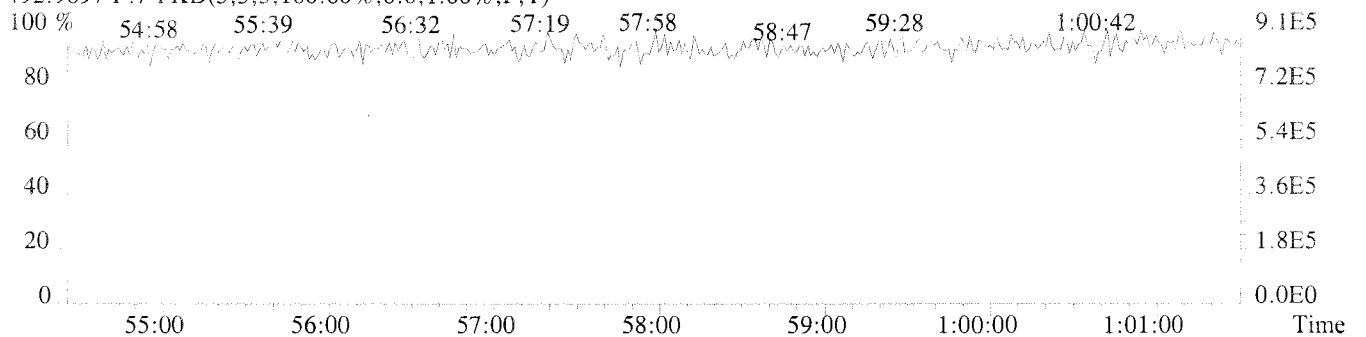
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1124.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1140.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-E/W-09-1

Run #11 Filename U224763 Samp: 1 Inj: 1 Acquired: 15-JAN-11 17:57:32
Processed: 17-JAN-11 12:56:58 Sample ID: K1013433-011

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet	Mod?	RRF
1	1	PCB-1	12:59	3.248e+03	9.969e+02	3.26	y	1.062
2	1	PCB-2	15:06	7.301e+02	2.612e+02	2.80	y	1.045
	1	PCB-3	15:17	4.392e+03	1.444e+03	3.04	y	1.057
	1	PCB-4	NotFnd	*	*	*	n	0.952
	1	PCB-10	NotFnd	*	*	*	n	1.347
6	2	PCB-9	17:53	2.710e+03	1.922e+03	1.41	y	0.979
7	2	PCB-7	17:59	9.315e+02	6.952e+02	1.34	y	0.997
8	2	PCB-6	18:07	9.925e+03	6.545e+03	1.52	y	0.999
9	2	PCB-5	18:22	7.158e+02	5.336e+02	1.34	y	0.877
10	2	PCB-8	18:28	3.136e+04	2.043e+04	1.53	y	1.083
11	2	PCB-14	NotFnd	*	*	*	n	1.010
12	2	PCB-11	20:46	1.682e+04	1.091e+04	1.54	y	0.968
13	2	PCB-12/13	21:04	7.666e+03	5.037e+03	1.52	y	0.985
14	2	PCB-15	21:23	3.540e+04	2.287e+04	1.55	y	0.973
15	2	PCB-19	18:45	1.723e+03	1.638e+03	1.05	y	1.021
16	2	PCB-18/30	20:30	3.010e+04	2.917e+04	1.03	y	0.916
17	2	PCB-17	20:53	9.508e+03	9.290e+03	1.02	y	0.767
18	2	PCB-27	21:06	2.445e+03	2.462e+03	0.99	y	1.121
19	2	PCB-24	21:13	4.480e+02	4.508e+02	0.99	y	1.011
20	2	PCB-16	21:21	9.581e+03	9.391e+03	1.02	y	0.648
21	2	PCB-32	21:50	1.375e+04	1.350e+04	1.02	y	1.189
22	3	PCB-34	23:04	5.033e+02	4.310e+02	1.17	y	1.295
23	3	PCB-23	NotFnd	*	*	*	n	1.210
24	3	PCB-26/29	23:31	2.430e+04	2.444e+04	0.99	y	1.361
25	3	PCB-25	23:45	7.540e+03	7.635e+03	0.99	y	1.530
26	3	PCB-31	24:04	1.148e+05	1.120e+05	1.02	y	1.416
27	3	PCB-20/28	24:21	1.231e+05	1.200e+05	1.03	y	1.290
28	3	PCB-21/33	24:36	5.642e+04	5.663e+04	1.00	y	1.445
29	3	PCB-22	24:59	4.905e+04	4.891e+04	1.00	y	1.225
30	3	PCB-36	NotFnd	*	*	*	n	1.435
31	3	PCB-39	NotFnd	*	*	*	n	1.413
32	3	PCB-38	NotFnd	*	*	*	n	1.286
33	3	PCB-35	27:56	4.865e+03	5.316e+03	0.92	y	1.278
34	3	PCB-37	28:20	6.289e+04	6.336e+04	0.99	y	1.082
35	2	PCB-54	21:42	1.133e+02	1.405e+02	0.81	y	0.963
36	3	PCB-50/53	23:48	7.170e+03	9.294e+03	0.77	y	0.736
37	3	PCB-45/51	24:28	9.456e+03	1.224e+04	0.77	y	0.730
38	3	PCB-46	24:47	3.226e+03	4.026e+03	0.80	y	0.644
39	3	PCB-52	26:09	7.819e+04	1.008e+05	0.78	y	0.781
40	3	PCB-43/73	26:24	2.362e+03	3.256e+03	0.73	y	0.778
41	3	PCB-49/69	26:39	4.243e+04	5.632e+04	0.75	y	0.885
42	3	PCB-48	26:55	1.382e+04	1.857e+04	0.74	y	0.722
43	3	PCB-44/47/65	27:10	7.774e+04	1.015e+05	0.77	y	0.814
44	3	PCB-59/62/75	27:28	8.337e+03	1.095e+04	0.76	y	0.978
45	3	PCB-42	27:40	1.887e+04	2.440e+04	0.77	y	0.715
46	3	PCB-40/41/71	28:11	4.745e+04	6.151e+04	0.77	y	0.735
47	3	PCB-64	28:23	5.186e+04	6.754e+04	0.77	y	1.052
48	3	PCB-72	29:11	7.517e+02	1.135e+03	0.66	y	1.048
49	3	PCB-68	29:28	1.679e+02	3.497e+02	0.48	n	1.000
50	3	PCB-57	29:54	3.092e+02	3.856e+02	0.80	y	1.006

51	3	PCB-58	NotFnd	*	*	*	n	y	0.970
52	3	PCB-67	30:18	3.133e+03	4.467e+03	0.70	y	n	1.135
53	3	PCB-63	30:34	5.414e+03	7.081e+03	0.76	y	n	1.090
54	3	PCB-61/70/74/76	30:54	2.477e+05	3.199e+05	0.77	y	y	1.020
55	3	PCB-66	31:14	1.453e+05	1.873e+05	0.78	y	y	1.066
56	3	PCB-55	31:22	2.856e+03	3.597e+03	0.79	y	y	0.907
57	4	PCB-56	31:55	8.746e+04	1.115e+05	0.78	y	n	1.004
58	4	PCB-60	32:07	5.716e+04	7.233e+04	0.79	y	n	0.963
59	4	PCB-80	NotFnd	*	*	*	n	y	1.154
60	4	PCB-79	34:03	2.643e+03	3.511e+03	0.75	y	n	1.115
61	4	PCB-78	NotFnd	*	*	*	n	n	0.980
62	4	PCB-81	35:04	1.210e+03	1.214e+03	1.00	n	n	1.084
63	4	PCB-77	35:42	3.071e+04	3.957e+04	0.78	y	n	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:30	1.383e+03	9.299e+02	1.49	y	n	1.221
66	3	PCB-103	29:22	6.186e+02	4.129e+02	1.50	y	n	0.993
67	3	PCB-94	29:36	6.267e+02	4.106e+02	1.53	y	n	0.795
68	3	PCB-95	30:03	7.600e+04	5.012e+04	1.52	y	n	0.913
69	3	PCB-93/100	30:16	1.398e+03	7.916e+02	1.77	y	n	0.863
70	3	PCB-98/102	30:24	4.924e+03	3.183e+03	1.55	y	n	0.897
71	3	PCB-88/91	30:54	1.586e+04	1.034e+04	1.53	y	n	0.874
72	3	PCB-84	31:09	2.908e+04	1.905e+04	1.53	y	n	0.800
73	3	PCB-89	31:36	2.474e+03	1.692e+03	1.46	y	n	0.834
74	4	PCB-121	NotFnd	*	*	*	n	n	1.009
75	4	PCB-92	32:23	1.643e+04	1.057e+04	1.55	y	n	0.716
76	4	PCB-90/101/113	32:58	1.299e+05	8.327e+04	1.56	y	n	0.814
77	4	PCB-83/99	33:33	6.533e+04	4.163e+04	1.57	y	n	0.690
78	4	PCB-112	NotFnd	*	*	*	n	n	1.015
79	4	PCB-86/87/97/109/119/125	34:09	1.075e+05	6.897e+04	1.56	y	y	0.809
80	4	PCB-117	34:41	3.653e+03	2.121e+03	1.72	y	y	0.820
81	4	PCB-85/116	34:47	3.272e+04	2.102e+04	1.56	y	y	0.883
82	4	PCB-110/115	34:56	2.117e+05	1.371e+05	1.54	y	y	0.948
83	4	PCB-82	35:16	1.474e+04	9.445e+03	1.56	y	y	0.615
84	4	PCB-111	NotFnd	*	*	*	n	n	0.892
85	4	PCB-120	36:06	6.612e+02	4.150e+02	1.59	y	n	0.962
86	5	PCB-108/124	37:14	9.288e+03	5.746e+03	1.62	y	y	0.885
87	5	PCB-107	37:28	1.841e+04	1.176e+04	1.56	y	y	0.943
88	5	PCB-123	37:35	5.418e+03	3.213e+03	1.69	y	y	1.076
89	5	PCB-106	NotFnd	*	*	*	n	y	0.898
90	5	PCB-118	37:54	2.354e+05	1.480e+05	1.59	y	y	1.103
91	5	PCB-122	38:15	4.313e+03	2.535e+03	1.70	y	y	0.818
92	5	PCB-114	38:26	8.622e+03	5.578e+03	1.55	y	y	1.079
93	5	PCB-105	39:06	1.449e+05	9.319e+04	1.55	y	y	1.059
94	5	PCB-127	40:36	4.025e+02	2.671e+02	1.51	y	y	0.875
95	5	PCB-126	42:11	2.870e+03	1.748e+03	1.64	y	y	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	32:57	1.744e+02	1.457e+02	1.20	y	n	1.591
98	4	PCB-150	33:05	4.572e+02	3.823e+02	1.20	y	n	1.456
99	4	PCB-136	33:31	2.743e+04	2.275e+04	1.21	y	n	1.518
100	4	PCB-145	NotFnd	*	*	*	n	n	1.390
101	4	PCB-148	35:13	1.430e+02	1.138e+02	1.26	y	y	1.098
102	4	PCB-135/151	35:52	6.566e+04	5.420e+04	1.21	y	n	1.041
103	4	PCB-154	36:06	1.914e+03	1.546e+03	1.24	y	n	1.242
104	4	PCB-144	36:25	1.035e+04	8.604e+03	1.20	y	n	1.088
105	5	PCB-147/149	36:47	1.445e+05	1.162e+05	1.24	y	n	0.883
106	5	PCB-134	36:59	7.205e+03	5.817e+03	1.24	y	n	0.689
107	5	PCB-143	NotFnd	*	*	*	n	n	0.869

108	5	PCB-139/140	37:22	1.874e+03	1.556e+03	1.20	y	n	0.861
109	5	PCB-131	37:35	1.547e+03	1.178e+03	1.31	y	n	0.763
110	5	PCB-142	NotFnd	*	*	*	n	n	0.761
111	5	PCB-132	38:03	5.098e+04	4.049e+04	1.26	y	n	0.710
112	5	PCB-133	38:30	1.942e+03	1.629e+03	1.19	y	n	0.749
113	5	PCB-165	NotFnd	*	*	*	n	n	0.935
114	5	PCB-146	NotFnd	*	*	*	n	n	0.905
115	5	PCB-161	NotFnd	*	*	*	n	n	1.097
116	5	PCB-153/168	39:45	2.214e+05	1.777e+05	1.25	y	n	0.974
117	5	PCB-141	39:59	4.531e+04	3.616e+04	1.25	y	n	0.837
118	5	PCB-130	40:24	9.081e+03	7.327e+03	1.24	y	n	0.701
119	5	PCB-137	40:36	5.385e+03	4.391e+03	1.23	y	n	0.774
120	5	PCB-164	40:43	1.876e+04	1.495e+04	1.25	y	n	1.042
121	5	PCB-129/138/163	41:01	2.141e+05	1.714e+05	1.25	y	n	0.837
122	5	PCB-160	NotFnd	*	*	*	n	n	1.023
123	5	PCB-158	41:25	3.015e+04	2.447e+04	1.23	y	n	1.164
124	5	PCB-128/166	42:17	3.224e+04	2.618e+04	1.23	y	n	0.899
125	6	PCB-159	43:13	4.486e+03	3.674e+03	1.22	y	n	0.805
126	6	PCB-162	43:31	8.614e+02	6.473e+02	1.33	y	n	0.756
127	6	PCB-167	44:01	8.619e+03	7.093e+03	1.22	y	n	1.030
128	6	PCB-156/157	45:08	2.379e+04	1.941e+04	1.23	y	n	1.064
129	6	PCB-169	NotFnd	*	*	*	n	y	1.036
130	5	PCB-188	38:24	2.200e+02	1.915e+02	1.15	y	n	0.950
131	5	PCB-179	38:46	3.668e+04	3.587e+04	1.02	y	n	1.134
132	5	PCB-184	NotFnd	*	*	*	n	n	1.120
133	5	PCB-176	39:39	1.144e+04	1.123e+04	1.02	y	n	1.100
134	5	PCB-186	NotFnd	*	*	*	n	n	1.035
135	5	PCB-178	41:27	1.384e+04	1.360e+04	1.02	y	n	0.795
136	5	PCB-175	42:05	3.409e+03	3.316e+03	1.03	y	n	0.835
137	5	PCB-187	42:21	9.740e+04	9.585e+04	1.02	y	n	0.868
138	5	PCB-182	42:32	5.334e+02	4.931e+02	1.08	y	n	0.862
139	6	PCB-183	42:58	3.334e+04	3.158e+04	1.06	y	y	0.646
140	6	PCB-185	43:04	5.131e+03	5.125e+03	1.00	y	y	0.493
141	6	PCB-174	43:13	5.423e+04	5.093e+04	1.06	y	y	0.545
142	6	PCB-177	43:40	2.877e+04	2.749e+04	1.05	y	n	0.533
143	6	PCB-181	NotFnd	*	*	*	n	n	0.519
144	6	PCB-171/173	44:16	1.510e+04	1.433e+04	1.05	y	n	0.516
145	6	PCB-172	45:52	9.457e+03	8.995e+03	1.05	y	n	0.524
146	6	PCB-192	NotFnd	*	*	*	n	n	0.624
147	6	PCB-180/193	46:32	1.486e+05	1.427e+05	1.04	y	n	0.642
148	6	PCB-191	46:53	3.356e+03	3.166e+03	1.06	y	n	0.686
149	6	PCB-170	47:47	4.996e+04	4.777e+04	1.05	y	n	0.478
150	6	PCB-190	48:17	1.487e+04	1.451e+04	1.03	y	n	0.672
151	6	PCB-189	50:51	2.444e+03	2.344e+03	1.04	y	n	0.912
152	6	PCB-202	43:46	5.402e+03	6.063e+03	0.89	y	n	0.869
153	6	PCB-201	44:41	4.306e+03	4.867e+03	0.88	y	n	0.943
154	6	PCB-204	NotFnd	*	*	*	n	n	0.942
155	6	PCB-197	45:34	1.161e+03	1.343e+03	0.86	y	n	0.918
156	6	PCB-200	45:41	4.392e+03	5.059e+03	0.87	y	n	0.930
157	6	PCB-198/199	48:28	2.763e+04	3.120e+04	0.89	y	n	0.627
158	6	PCB-196	49:06	1.381e+04	1.548e+04	0.89	y	n	0.638
159	6	PCB-203	49:18	1.809e+04	2.073e+04	0.87	y	n	0.683
160	6	PCB-195	50:37	1.033e+04	1.159e+04	0.89	y	n	0.610
161	6	PCB-194	52:56	2.695e+04	3.033e+04	0.89	y	n	0.629
162	6	PCB-205	53:24	1.743e+03	2.011e+03	0.87	y	n	0.933
163	6	PCB-208	50:22	1.727e+03	2.336e+03	0.74	y	n	0.915
164	6	PCB-207	51:17	1.288e+03	1.639e+03	0.79	y	n	1.154

165	7	PCB-206	55:07	5.937e+03	7.653e+03	0.78	y	n	0.937
166	7	PCB-209	56:42	3.370e+03	2.836e+03	1.19	y	n	0.925
167	1	PCB-11L	12:58	1.771e+04	5.996e+03	2.95	y	y	1.162
168	1	PCB-3L	15:16	1.896e+04	6.322e+03	3.00	y	y	1.187
169	1	PCB-4L	15:31	1.157e+04	7.590e+03	1.52	y	y	0.907
170	2	PCB-15L	21:22	1.395e+04	8.456e+03	1.65	y	n	1.030
171	2	PCB-19L	18:44	5.915e+03	5.832e+03	1.01	y	n	0.615
172	3	PCB-37L	28:19	1.411e+04	1.321e+04	1.07	y	n	1.320
173	2	PCB-54L	21:41	9.784e+03	1.254e+04	0.78	y	n	1.261
174	4	PCB-81L	35:02	1.125e+04	1.364e+04	0.82	y	n	1.088
175	4	PCB-77L	35:41	1.195e+04	1.465e+04	0.82	y	n	1.091
176	3	PCB-104L	27:04	1.598e+04	1.037e+04	1.54	y	n	1.480
177	5	PCB-123L	37:34	1.532e+04	9.529e+03	1.61	y	n	1.214
178	5	PCB-118L	37:53	1.607e+04	9.967e+03	1.61	y	n	1.246
179	5	PCB-114L	38:24	1.633e+04	9.615e+03	1.70	y	n	1.236
180	5	PCB-105L	39:05	1.611e+04	9.891e+03	1.63	y	n	1.197
181	5	PCB-126L	42:09	1.675e+04	1.044e+04	1.60	y	n	1.105
182	4	PCB-155L	32:41	1.696e+04	1.384e+04	1.23	y	n	1.599
183	6	PCB-167L	43:59	1.112e+04	8.374e+03	1.33	y	n	1.051
184	6	PCB-156/157L	45:08	2.118e+04	1.644e+04	1.29	y	n	0.962
185	6	PCB-169L	48:21	1.027e+04	7.862e+03	1.31	y	n	0.886
186	5	PCB-188L	38:23	1.457e+04	1.407e+04	1.04	y	n	2.483
187	6	PCB-189L	50:50	8.866e+03	8.712e+03	1.02	y	n	1.503
188	6	PCB-202L	43:45	9.242e+03	1.028e+04	0.90	y	n	1.757
189	6	PCB-205L	53:23	9.031e+03	9.964e+03	0.91	y	n	1.317
190	6	PCB-208L	50:21	9.077e+03	1.176e+04	0.77	y	n	1.446
191	7	PCB-206L	55:06	5.179e+03	6.766e+03	0.77	y	n	1.176
192	7	PCB-209L	56:41	8.132e+03	6.713e+03	1.21	y	n	1.606
193	3	PCB-28L	24:20	1.492e+04	1.326e+04	1.12	y	n	1.538
194	4	PCB-111L	35:39	1.517e+04	9.812e+03	1.55	y	n	1.238
195	5	PCB-178L	41:27	9.927e+03	9.792e+03	1.01	y	n	0.895
196	2	PCB-9L	17:52	1.711e+04	1.056e+04	1.62	y	n	-
197	3	PCB-52L	26:09	1.073e+04	1.377e+04	0.78	y	n	-
198	4	PCB-101L	32:56	1.617e+04	1.024e+04	1.58	y	n	-
199	5	PCB-138L	40:59	1.581e+04	1.264e+04	1.25	y	n	-
200	6	PCB-194L	52:55	8.719e+03	9.661e+03	0.90	y	n	-

-- Sample Calculation--

$$\begin{aligned}
 & (3.370e+03 + 2.836e+03) \times 10000 \text{ pg} \times 1 \\
 \text{PCB-209} & = \frac{\dots}{(8.132e+03 + 6.713e+03) \times (5.021 \text{ g}) \times (100 - \dots) / 100} \times 0.9245 = 900.605 \text{ ng/kg}
 \end{aligned}$$

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01/19/11

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sp166respa
 02/2009

Run #11 Filename U224763#1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 17:57:32

Processed: 17-JAN-11 12:56:58 LAB. ID: K1013433-011

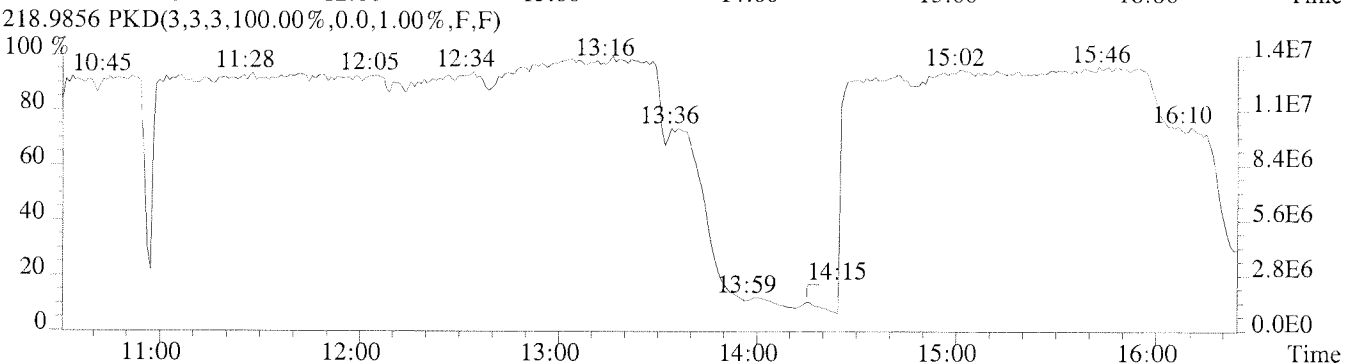
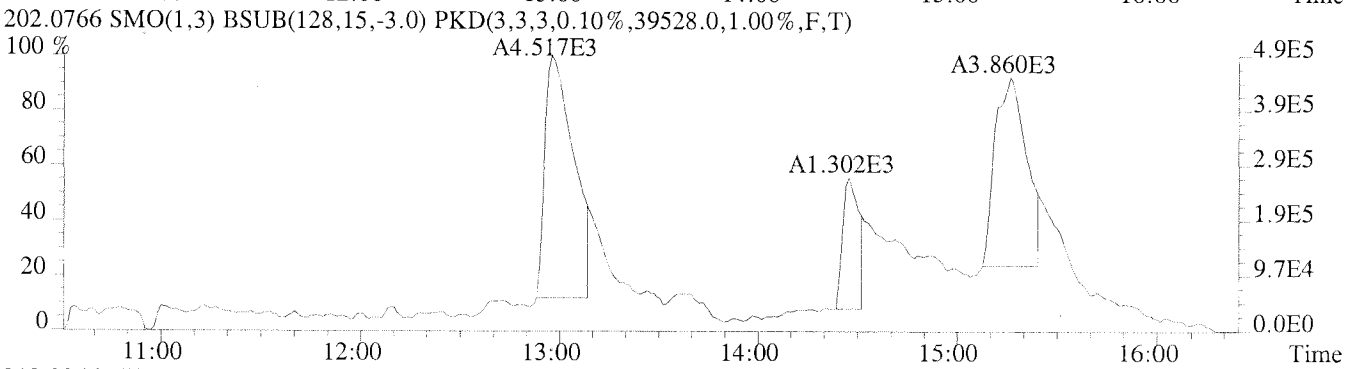
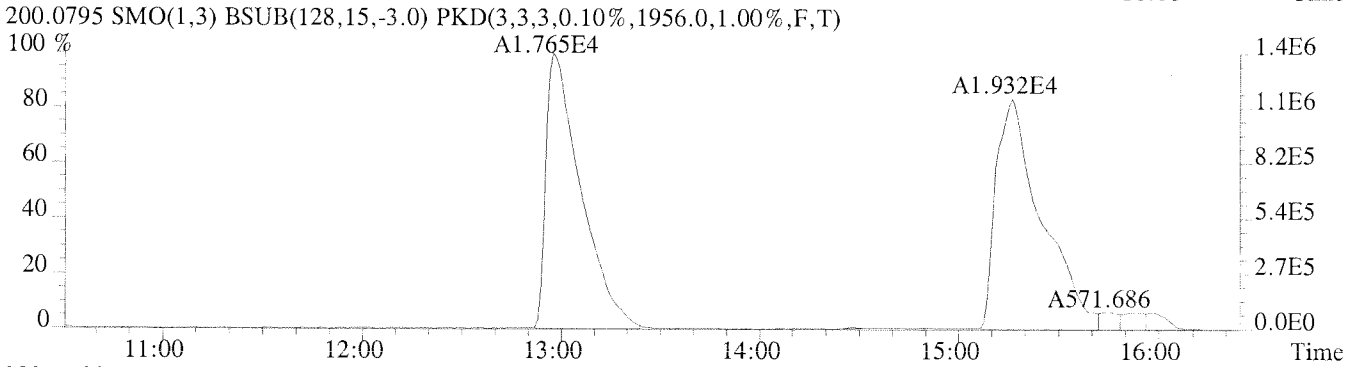
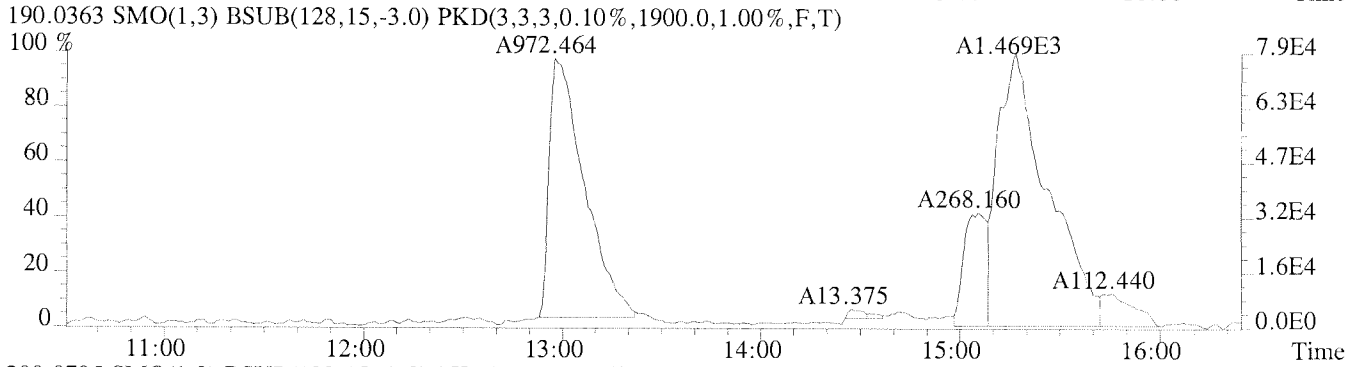
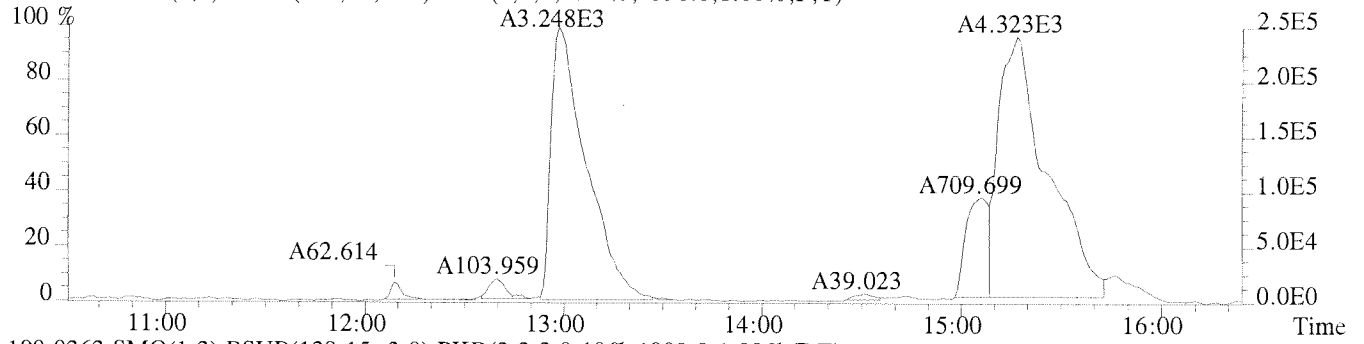
	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	2.47e+05	2.60e+03	9.5e+01	7.48e+04	1.90e+03	3.9e+01
2	PCB-2	9.07e+04	2.60e+03	3.5e+01	3.17e+04	1.90e+03	1.7e+01
3	PCB-3	2.37e+05	2.60e+03	9.1e+01	7.74e+04	1.90e+03	4.1e+01
4	PCB-4	*	1.30e+04	*	*	7.06e+04	*
5	PCB-10	*	1.30e+04	*	*	7.06e+04	*
6	PCB-9	8.60e+05	1.22e+03	7.1e+02	5.77e+05	1.61e+04	3.6e+01
7	PCB-7	3.19e+05	1.22e+03	2.6e+02	2.20e+05	1.61e+04	1.4e+01
8	PCB-6	3.05e+06	1.22e+03	2.5e+03	2.00e+06	1.61e+04	1.2e+02
9	PCB-5	2.41e+05	1.22e+03	2.0e+02	1.69e+05	1.61e+04	1.1e+01
10	PCB-8	7.91e+06	1.22e+03	6.5e+03	5.15e+06	1.61e+04	3.2e+02
11	PCB-14	*	1.22e+03	*	*	1.61e+04	*
12	PCB-11	4.06e+06	1.22e+03	3.3e+03	2.66e+06	1.61e+04	1.7e+02
13	PCB-12/13	1.69e+06	1.22e+03	1.4e+03	1.11e+06	1.61e+04	6.9e+01
14	PCB-15	8.42e+06	1.22e+03	6.9e+03	5.44e+06	1.61e+04	3.4e+02
15	PCB-19	4.50e+05	3.40e+04	1.3e+01	4.22e+05	3.56e+03	1.2e+02
16	PCB-18/30	7.48e+06	3.40e+04	2.2e+02	7.25e+06	3.56e+03	2.0e+03
17	PCB-17	2.34e+06	3.40e+04	6.9e+01	2.29e+06	3.56e+03	6.4e+02
18	PCB-27	6.10e+05	3.40e+04	1.8e+01	6.13e+05	3.56e+03	1.7e+02
19	PCB-24	1.24e+05	3.40e+04	3.7e+00	1.20e+05	3.56e+03	3.4e+01
20	PCB-16	2.35e+06	3.40e+04	6.9e+01	2.26e+06	3.56e+03	6.3e+02
21	PCB-32	3.34e+06	3.40e+04	9.8e+01	3.24e+06	3.56e+03	9.1e+02
22	PCB-34	1.03e+05	2.13e+04	4.8e+00	9.06e+04	1.69e+04	5.4e+00
23	PCB-23	*	2.13e+04	*	*	1.69e+04	*
24	PCB-26/29	5.00e+06	2.13e+04	2.3e+02	4.93e+06	1.69e+04	2.9e+02
25	PCB-25	1.42e+06	2.13e+04	6.7e+01	1.39e+06	1.69e+04	8.2e+01
26	PCB-31	2.28e+07	2.13e+04	1.1e+03	2.22e+07	1.69e+04	1.3e+03
27	PCB-20/28	2.35e+07	2.13e+04	1.1e+03	2.27e+07	1.69e+04	1.3e+03
28	PCB-21/33	1.10e+07	2.13e+04	5.2e+02	1.09e+07	1.69e+04	6.5e+02
29	PCB-22	9.57e+06	2.13e+04	4.5e+02	9.43e+06	1.69e+04	5.6e+02
30	PCB-36	*	2.13e+04	*	*	1.69e+04	*
31	PCB-39	*	2.13e+04	*	*	1.69e+04	*
32	PCB-38	*	2.13e+04	*	*	1.69e+04	*
33	PCB-35	9.68e+05	2.13e+04	4.5e+01	1.01e+06	1.69e+04	6.0e+01
34	PCB-37	1.13e+07	2.13e+04	5.3e+02	1.11e+07	1.69e+04	6.6e+02
35	PCB-54	2.59e+04	9.24e+02	2.8e+01	3.34e+04	1.20e+03	2.8e+01
36	PCB-50/53	1.48e+06	1.63e+03	9.1e+02	1.94e+06	2.04e+03	9.5e+02
37	PCB-45/51	1.49e+06	1.63e+03	9.2e+02	1.94e+06	2.04e+03	9.5e+02
38	PCB-46	6.61e+05	1.63e+03	4.1e+02	8.29e+05	2.04e+03	4.1e+02
39	PCB-52	1.53e+07	1.63e+03	9.4e+03	1.98e+07	2.04e+03	9.7e+03
40	PCB-43/73	4.35e+05	1.63e+03	2.7e+02	5.63e+05	2.04e+03	2.8e+02
41	PCB-49/69	8.40e+06	1.63e+03	5.2e+03	1.10e+07	2.04e+03	5.4e+03
42	PCB-48	2.73e+06	1.63e+03	1.7e+03	3.53e+06	2.04e+03	1.7e+03
43	PCB-44/47/65	1.42e+07	1.63e+03	8.7e+03	1.84e+07	2.04e+03	9.0e+03
44	PCB-59/62/75	1.56e+06	1.63e+03	9.6e+02	2.02e+06	2.04e+03	9.9e+02
45	PCB-42	3.69e+06	1.63e+03	2.3e+03	4.73e+06	2.04e+03	2.3e+03
46	PCB-40/41/71	7.69e+06	1.63e+03	4.7e+03	9.90e+06	2.04e+03	4.8e+03
47	PCB-64	1.00e+07	1.63e+03	6.1e+03	1.30e+07	2.04e+03	6.3e+03

48	PCB-72	1.74e+05	1.63e+03	1.1e+02	2.45e+05	2.04e+03	1.2e+02
49	PCB-68	5.27e+04	1.63e+03	3.2e+01	8.56e+04	2.04e+03	4.2e+01
50	PCB-57	7.77e+04	1.63e+03	4.8e+01	9.48e+04	2.04e+03	4.6e+01
51	PCB-58	*	1.63e+03	*	*	2.04e+03	*
52	PCB-67	6.06e+05	1.63e+03	3.7e+02	7.91e+05	2.04e+03	3.9e+02
53	PCB-63	9.88e+05	1.63e+03	6.1e+02	1.31e+06	2.04e+03	6.4e+02
54	PCB-61/70/74/76	3.33e+07	1.63e+03	2.0e+04	4.30e+07	2.04e+03	2.1e+04
55	PCB-66	2.60e+07	1.63e+03	1.6e+04	3.34e+07	2.04e+03	1.6e+04
56	PCB-55	6.21e+05	1.63e+03	3.8e+02	7.75e+05	2.04e+03	3.8e+02
57	PCB-56	1.58e+07	1.81e+04	8.7e+02	2.03e+07	3.19e+04	6.4e+02
58	PCB-60	9.55e+06	1.81e+04	5.3e+02	1.21e+07	3.19e+04	3.8e+02
59	PCB-80	*	1.81e+04	*	*	3.19e+04	*
60	PCB-79	4.81e+05	1.81e+04	2.7e+01	6.04e+05	3.19e+04	1.9e+01
61	PCB-78	*	1.81e+04	*	*	3.19e+04	*
62	PCB-81	2.13e+05	1.81e+04	1.2e+01	2.41e+05	3.19e+04	7.6e+00
63	PCB-77	4.61e+06	1.81e+04	2.5e+02	5.91e+06	3.19e+04	1.9e+02
64	PCB-104	*	1.24e+03	*	*	1.66e+03	*
65	PCB-96	2.70e+05	1.24e+03	2.2e+02	1.83e+05	1.66e+03	1.1e+02
66	PCB-103	1.22e+05	1.24e+03	9.9e+01	8.02e+04	1.66e+03	4.8e+01
67	PCB-94	1.19e+05	1.24e+03	9.7e+01	8.05e+04	1.66e+03	4.9e+01
68	PCB-95	1.45e+07	1.24e+03	1.2e+04	9.54e+06	1.66e+03	5.8e+03
69	PCB-93/100	2.04e+05	1.24e+03	1.6e+02	1.36e+05	1.66e+03	8.2e+01
70	PCB-98/102	8.52e+05	1.24e+03	6.9e+02	5.65e+05	1.66e+03	3.4e+02
71	PCB-88/91	2.91e+06	1.24e+03	2.4e+03	1.93e+06	1.66e+03	1.2e+03
72	PCB-84	5.41e+06	1.24e+03	4.4e+03	3.53e+06	1.66e+03	2.1e+03
73	PCB-89	4.57e+05	1.24e+03	3.7e+02	3.13e+05	1.66e+03	1.9e+02
74	PCB-121	*	1.13e+04	*	*	8.79e+03	*
75	PCB-92	3.04e+06	1.13e+04	2.7e+02	1.95e+06	8.79e+03	2.2e+02
76	PCB-90/101/113	2.36e+07	1.13e+04	2.1e+03	1.50e+07	8.79e+03	1.7e+03
77	PCB-83/99	1.06e+07	1.13e+04	9.4e+02	6.76e+06	8.79e+03	7.7e+02
78	PCB-112	*	1.13e+04	*	*	8.79e+03	*
79	PCB-86/87/97/109/119/125	1.09e+07	1.13e+04	9.7e+02	7.03e+06	8.79e+03	8.0e+02
80	PCB-117	9.55e+05	1.13e+04	8.5e+01	5.91e+05	8.79e+03	6.7e+01
81	PCB-85/116	5.65e+06	1.13e+04	5.0e+02	3.65e+06	8.79e+03	4.1e+02
82	PCB-110/115	3.71e+07	1.13e+04	3.3e+03	2.40e+07	8.79e+03	2.7e+03
83	PCB-82	2.43e+06	1.13e+04	2.2e+02	1.56e+06	8.79e+03	1.8e+02
84	PCB-111	*	1.13e+04	*	*	8.79e+03	*
85	PCB-120	1.25e+05	1.13e+04	1.1e+01	8.42e+04	8.79e+03	9.6e+00
86	PCB-108/124	1.76e+06	5.84e+03	3.0e+02	1.09e+06	5.62e+03	1.9e+02
87	PCB-107	3.30e+06	5.84e+03	5.7e+02	2.12e+06	5.62e+03	3.8e+02
88	PCB-123	1.08e+06	5.84e+03	1.8e+02	6.44e+05	5.62e+03	1.1e+02
89	PCB-106	*	5.84e+03	*	*	5.62e+03	*
90	PCB-118	4.21e+07	5.84e+03	7.2e+03	2.64e+07	5.62e+03	4.7e+03
91	PCB-122	7.41e+05	5.84e+03	1.3e+02	4.52e+05	5.62e+03	8.0e+01
92	PCB-114	1.51e+06	5.84e+03	2.6e+02	9.66e+05	5.62e+03	1.7e+02
93	PCB-105	2.51e+07	5.84e+03	4.3e+03	1.62e+07	5.62e+03	2.9e+03
94	PCB-127	6.71e+04	5.84e+03	1.1e+01	4.28e+04	5.62e+03	7.6e+00
95	PCB-126	4.55e+05	5.84e+03	7.8e+01	2.92e+05	5.62e+03	5.2e+01
96	PCB-155	*	2.48e+03	*	*	3.43e+03	*
97	PCB-152	3.21e+04	2.48e+03	1.3e+01	2.67e+04	3.43e+03	7.8e+00
98	PCB-150	8.51e+04	2.48e+03	3.4e+01	7.07e+04	3.43e+03	2.1e+01
99	PCB-136	5.14e+06	2.48e+03	2.1e+03	4.27e+06	3.43e+03	1.2e+03
100	PCB-145	*	2.48e+03	*	*	3.43e+03	*
101	PCB-148	2.53e+04	2.48e+03	1.0e+01	2.38e+04	3.43e+03	6.9e+00
102	PCB-135/151	9.44e+06	2.48e+03	3.8e+03	7.76e+06	3.43e+03	2.3e+03
103	PCB-154	3.60e+05	2.48e+03	1.5e+02	2.84e+05	3.43e+03	8.3e+01
104	PCB-144	1.88e+06	2.48e+03	7.6e+02	1.59e+06	3.43e+03	4.6e+02

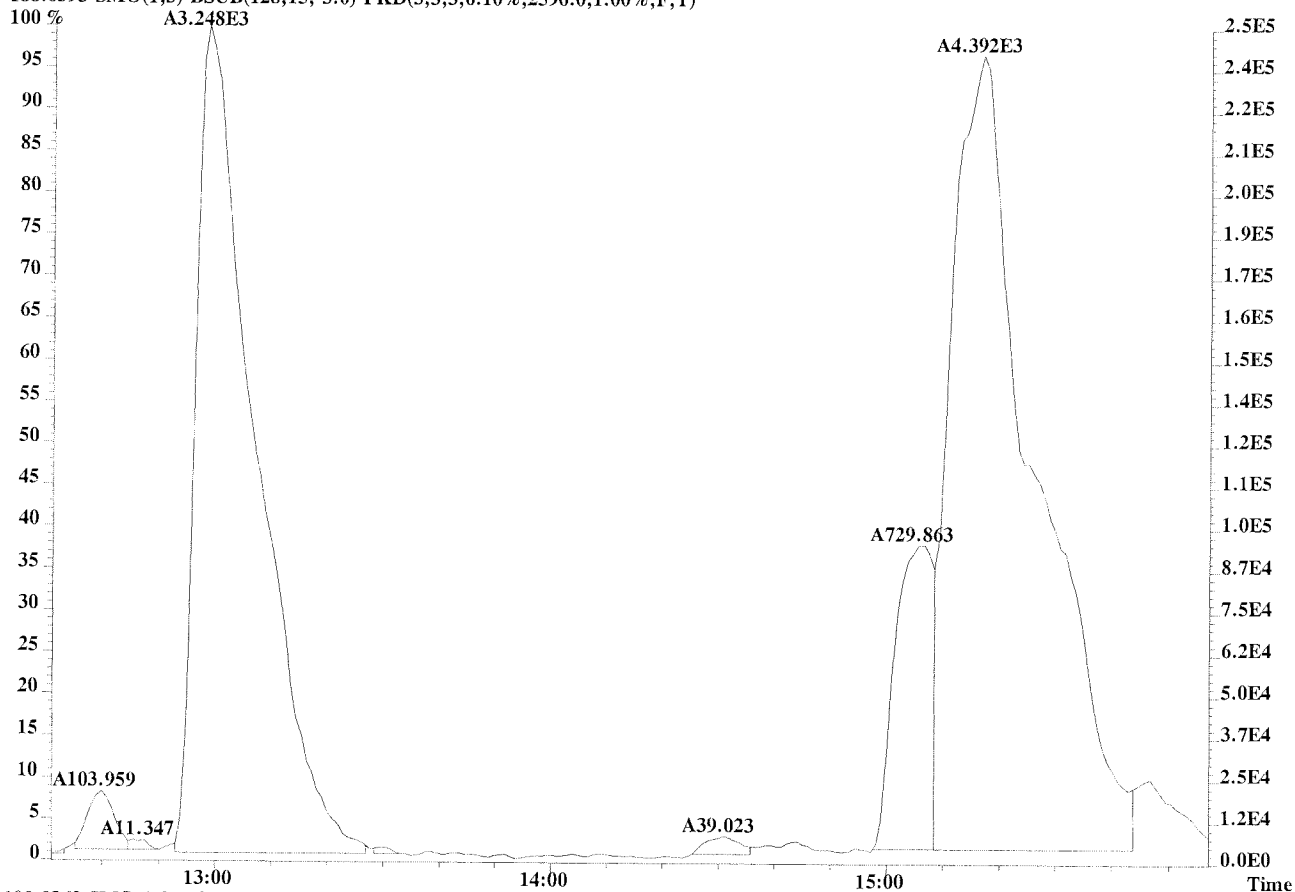
105	PCB-147/149	2.60e+07	1.05e+04	2.5e+03	2.09e+07	2.01e+04	1.0e+03
106	PCB-134	1.26e+06	1.05e+04	1.2e+02	9.99e+05	2.01e+04	5.0e+01
107	PCB-143	*	1.05e+04	*	*	2.01e+04	*
108	PCB-139/140	3.25e+05	1.05e+04	3.1e+01	2.62e+05	2.01e+04	1.3e+01
109	PCB-131	2.94e+05	1.05e+04	2.8e+01	2.22e+05	2.01e+04	1.1e+01
110	PCB-142	*	1.05e+04	*	*	2.01e+04	*
111	PCB-132	9.33e+06	1.05e+04	8.9e+02	7.38e+06	2.01e+04	3.7e+02
112	PCB-133	3.65e+05	1.05e+04	3.5e+01	3.00e+05	2.01e+04	1.5e+01
113	PCB-165	*	1.05e+04	*	*	2.01e+04	*
114	PCB-146	5.30e+06	1.05e+04	5.1e+02	4.22e+06	2.01e+04	2.1e+02
115	PCB-161	*	1.05e+04	*	*	2.01e+04	*
116	PCB-153/168	3.93e+07	1.05e+04	3.7e+03	3.15e+07	2.01e+04	1.6e+03
117	PCB-141	7.74e+06	1.05e+04	7.4e+02	6.20e+06	2.01e+04	3.1e+02
118	PCB-130	1.67e+06	1.05e+04	1.6e+02	1.35e+06	2.01e+04	6.7e+01
119	PCB-137	1.07e+06	1.05e+04	1.0e+02	8.66e+05	2.01e+04	4.3e+01
120	PCB-164	3.37e+06	1.05e+04	3.2e+02	2.70e+06	2.01e+04	1.3e+02
121	PCB-129/138/163	3.47e+07	1.05e+04	3.3e+03	2.78e+07	2.01e+04	1.4e+03
122	PCB-160	*	1.05e+04	*	*	2.01e+04	*
123	PCB-158	5.30e+06	1.05e+04	5.1e+02	4.29e+06	2.01e+04	2.1e+02
124	PCB-128/166	4.99e+06	1.05e+04	4.8e+02	4.08e+06	2.01e+04	2.0e+02
125	PCB-159	9.57e+05	1.95e+04	4.9e+01	7.70e+05	2.01e+04	3.8e+01
126	PCB-162	1.93e+05	1.95e+04	9.9e+00	1.48e+05	2.01e+04	7.4e+00
127	PCB-167	1.89e+06	1.95e+04	9.7e+01	1.56e+06	2.01e+04	7.8e+01
128	PCB-156/157	4.58e+06	1.95e+04	2.4e+02	3.73e+06	2.01e+04	1.9e+02
129	PCB-169	*	1.95e+04	*	*	2.01e+04	*
130	PCB-188	4.65e+04	1.09e+03	4.3e+01	3.98e+04	1.25e+03	3.2e+01
131	PCB-179	6.55e+06	1.09e+03	6.0e+03	6.48e+06	1.25e+03	5.2e+03
132	PCB-184	*	1.09e+03	*	*	1.25e+03	*
133	PCB-176	2.06e+06	1.09e+03	1.9e+03	2.03e+06	1.25e+03	1.6e+03
134	PCB-186	*	1.09e+03	*	*	1.25e+03	*
135	PCB-178	2.55e+06	1.09e+03	2.3e+03	2.53e+06	1.25e+03	2.0e+03
136	PCB-175	6.31e+05	1.09e+03	5.8e+02	6.09e+05	1.25e+03	4.9e+02
137	PCB-187	1.75e+07	1.09e+03	1.6e+04	1.73e+07	1.25e+03	1.4e+04
138	PCB-182	8.45e+04	1.09e+03	7.7e+01	8.38e+04	1.25e+03	6.7e+01
139	PCB-183	7.22e+06	9.62e+03	7.5e+02	6.85e+06	9.81e+03	7.0e+02
140	PCB-185	1.53e+06	9.62e+03	1.6e+02	1.49e+06	9.81e+03	1.5e+02
141	PCB-174	1.17e+07	9.62e+03	1.2e+03	1.10e+07	9.81e+03	1.1e+03
142	PCB-177	6.07e+06	9.62e+03	6.3e+02	5.84e+06	9.81e+03	6.0e+02
143	PCB-181	*	9.62e+03	*	*	9.81e+03	*
144	PCB-171/173	3.28e+06	9.62e+03	3.4e+02	3.12e+06	9.81e+03	3.2e+02
145	PCB-172	2.02e+06	9.62e+03	2.1e+02	1.93e+06	9.81e+03	2.0e+02
146	PCB-192	*	9.62e+03	*	*	9.81e+03	*
147	PCB-180/193	3.10e+07	9.62e+03	3.2e+03	2.97e+07	9.81e+03	3.0e+03
148	PCB-191	7.32e+05	9.62e+03	7.6e+01	6.90e+05	9.81e+03	7.0e+01
149	PCB-170	1.09e+07	9.62e+03	1.1e+03	1.05e+07	9.81e+03	1.1e+03
150	PCB-190	3.17e+06	9.62e+03	3.3e+02	3.09e+06	9.81e+03	3.1e+02
151	PCB-189	5.01e+05	9.62e+03	5.2e+01	4.94e+05	9.81e+03	5.0e+01
152	PCB-202	1.20e+06	1.73e+03	6.9e+02	1.34e+06	1.69e+03	7.9e+02
153	PCB-201	9.56e+05	1.73e+03	5.5e+02	1.08e+06	1.69e+03	6.4e+02
154	PCB-204	*	1.73e+03	*	*	1.69e+03	*
155	PCB-197	2.87e+05	1.73e+03	1.7e+02	3.21e+05	1.69e+03	1.9e+02
156	PCB-200	8.86e+05	1.73e+03	5.1e+02	1.04e+06	1.69e+03	6.2e+02
157	PCB-198/199	5.76e+06	1.73e+03	3.3e+03	6.50e+06	1.69e+03	3.9e+03
158	PCB-196	2.96e+06	1.73e+03	1.7e+03	3.33e+06	1.69e+03	2.0e+03
159	PCB-203	3.96e+06	1.73e+03	2.3e+03	4.47e+06	1.69e+03	2.6e+03
160	PCB-195	2.19e+06	1.73e+03	1.3e+03	2.49e+06	1.69e+03	1.5e+03
161	PCB-194	5.72e+06	1.73e+03	3.3e+03	6.43e+06	1.69e+03	3.8e+03
162	PCB-205	3.65e+05	1.73e+03	2.1e+02	4.20e+05	1.69e+03	2.5e+02

163	PCB-208	3.69e+05	1.59e+03	2.3e+02	5.06e+05	1.61e+03	3.1e+02
164	PCB-207	2.77e+05	1.59e+03	1.7e+02	3.49e+05	1.61e+03	2.2e+02
155	PCB-206	1.12e+06	1.00e+03	1.1e+03	1.48e+06	6.84e+02	2.2e+03
166	PCB-209	6.37e+05	7.24e+02	8.8e+02	5.36e+05	7.84e+02	6.8e+02
167	PCB-11L	1.36e+06	1.96e+03	7.0e+02	4.42e+05	3.95e+04	1.1e+01
168	PCB-3L	1.13e+06	1.96e+03	5.8e+02	3.85e+05	3.95e+04	9.7e+00
169	PCB-4L	5.02e+05	5.88e+03	8.5e+01	3.30e+05	3.46e+03	9.5e+01
170	PCB-15L	3.40e+06	7.97e+03	4.3e+02	2.05e+06	4.19e+03	4.9e+02
171	PCB-19L	1.56e+06	1.00e+05	1.6e+01	1.52e+06	1.34e+05	1.1e+01
172	PCB-37L	2.54e+06	2.51e+04	1.0e+02	2.36e+06	3.53e+04	6.7e+01
173	PCB-54L	2.38e+06	8.93e+03	2.7e+02	3.02e+06	1.37e+04	2.2e+02
174	PCB-81L	1.84e+06	4.70e+03	3.9e+02	2.25e+06	5.15e+03	4.4e+02
175	PCB-77L	1.64e+06	4.70e+03	3.5e+02	2.05e+06	5.15e+03	4.0e+02
176	PCB-104L	3.10e+06	1.58e+03	2.0e+03	2.02e+06	1.38e+03	1.5e+03
177	PCB-123L	2.77e+06	4.89e+03	5.7e+02	1.71e+06	1.71e+03	1.0e+03
178	PCB-118L	2.88e+06	4.89e+03	5.9e+02	1.77e+06	1.71e+03	1.0e+03
179	PCB-114L	2.93e+06	4.89e+03	6.0e+02	1.72e+06	1.71e+03	1.0e+03
180	PCB-105L	2.78e+06	4.89e+03	5.7e+02	1.70e+06	1.71e+03	9.9e+02
181	PCB-126L	2.79e+06	4.89e+03	5.7e+02	1.73e+06	1.71e+03	1.0e+03
182	PCB-155L	3.20e+06	1.62e+03	2.0e+03	2.61e+06	2.64e+03	9.9e+02
183	PCB-167L	2.44e+06	1.72e+03	1.4e+03	1.83e+06	1.70e+03	1.1e+03
184	PCB-156/157L	3.24e+06	1.72e+03	1.9e+03	2.53e+06	1.70e+03	1.5e+03
185	PCB-169L	2.08e+06	1.72e+03	1.2e+03	1.57e+06	1.70e+03	9.2e+02
186	PCB-188L	2.66e+06	1.63e+03	1.6e+03	2.58e+06	1.72e+03	1.5e+03
187	PCB-189L	1.81e+06	1.49e+03	1.2e+03	1.80e+06	1.54e+03	1.2e+03
188	PCB-202L	2.02e+06	1.30e+03	1.6e+03	2.24e+06	1.87e+03	1.2e+03
189	PCB-205L	1.91e+06	1.30e+03	1.5e+03	2.10e+06	1.87e+03	1.1e+03
190	PCB-208L	1.91e+06	1.25e+03	1.5e+03	2.48e+06	1.40e+03	1.8e+03
191	PCB-206L	9.94e+05	1.05e+03	9.4e+02	1.31e+06	1.00e+03	1.3e+03
192	PCB-209L	1.57e+06	9.08e+02	1.7e+03	1.25e+06	7.84e+02	1.6e+03
193	PCB-28L	2.94e+06	2.51e+04	1.2e+02	2.69e+06	3.53e+04	7.6e+01
194	PCB-111L	2.39e+06	1.40e+03	1.7e+03	1.54e+06	2.06e+03	7.4e+02
195	PCB-178L	1.86e+06	1.63e+03	1.1e+03	1.84e+06	1.72e+03	1.1e+03
196	PCB-9L	5.47e+06	7.97e+03	6.9e+02	3.40e+06	4.19e+03	8.1e+02
197	PCB-52L	2.13e+06	4.42e+03	4.8e+02	2.70e+06	4.16e+03	6.5e+02
198	PCB-101L	2.97e+06	1.40e+03	2.1e+03	1.89e+06	2.06e+03	9.1e+02
199	PCB-138L	2.76e+06	1.17e+03	2.4e+03	2.22e+06	1.30e+03	1.7e+03
200	PCB-194L	1.81e+06	1.30e+03	1.4e+03	1.98e+06	1.87e+03	1.1e+03

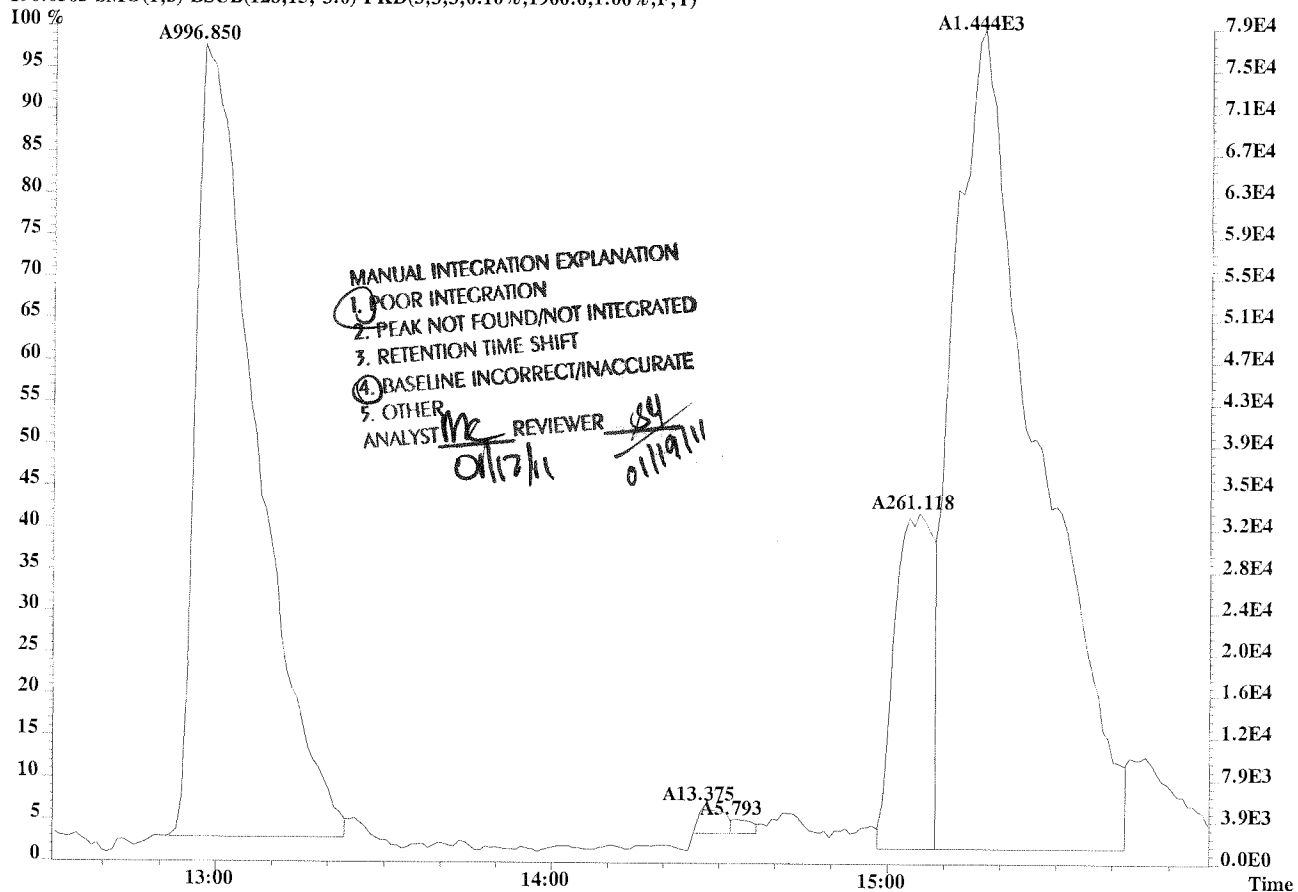
File:U224763 #1-379 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-011 USENE/W091
 188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2596.0,1.00%,F,T)



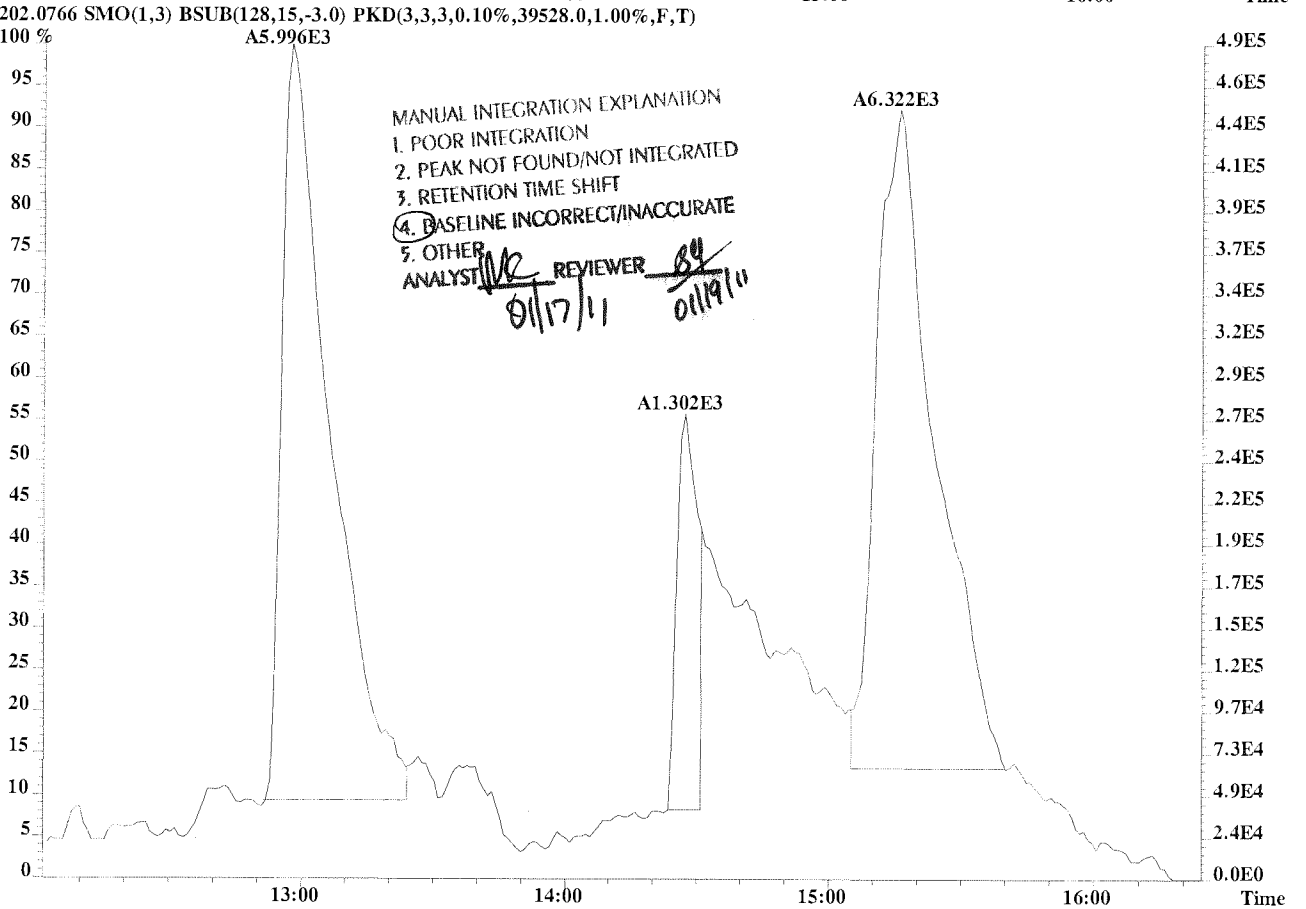
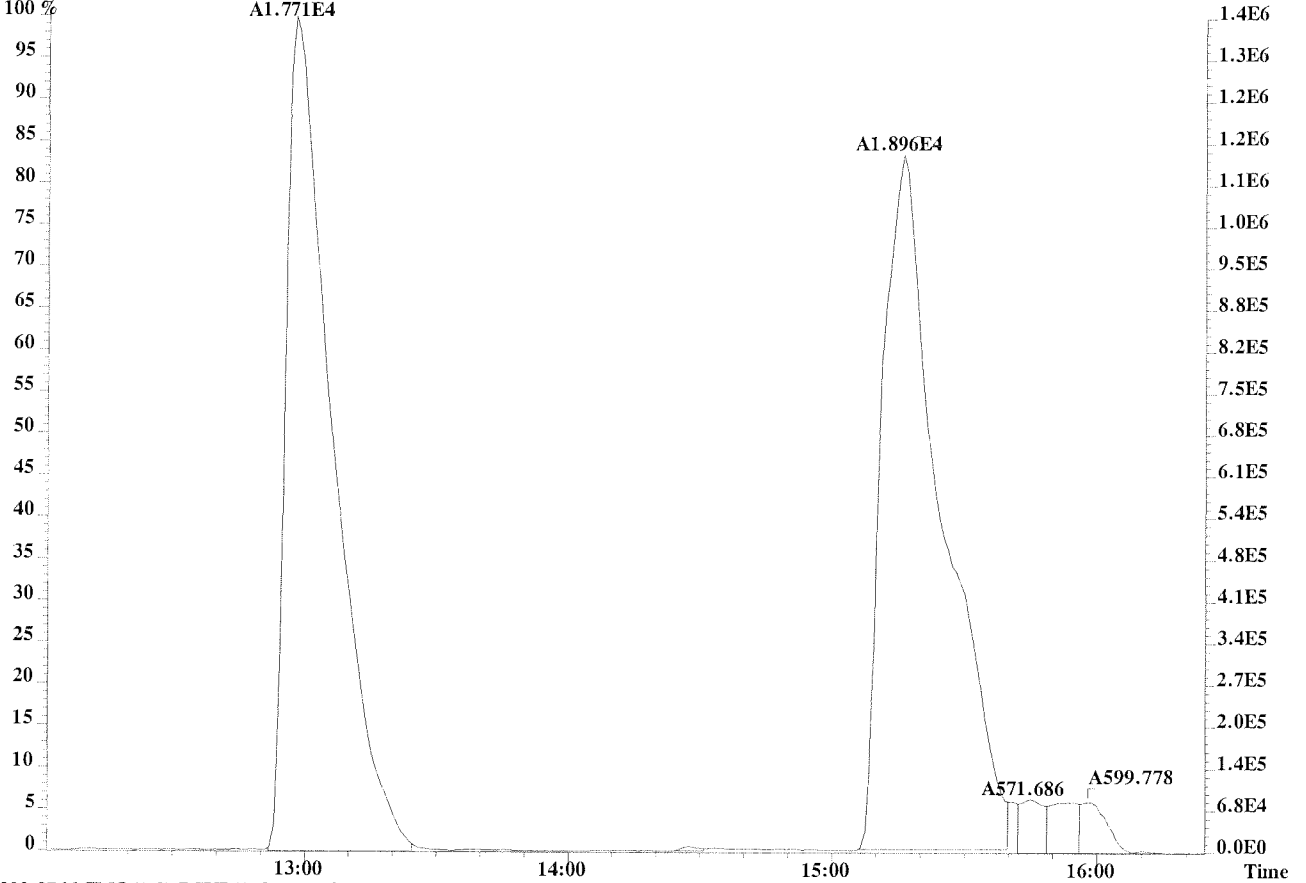
File:U224763 #1-379 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-011 USENE/W091
 188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2596.0,1.00%,F,T)



190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1900.0,1.00%,F,T)

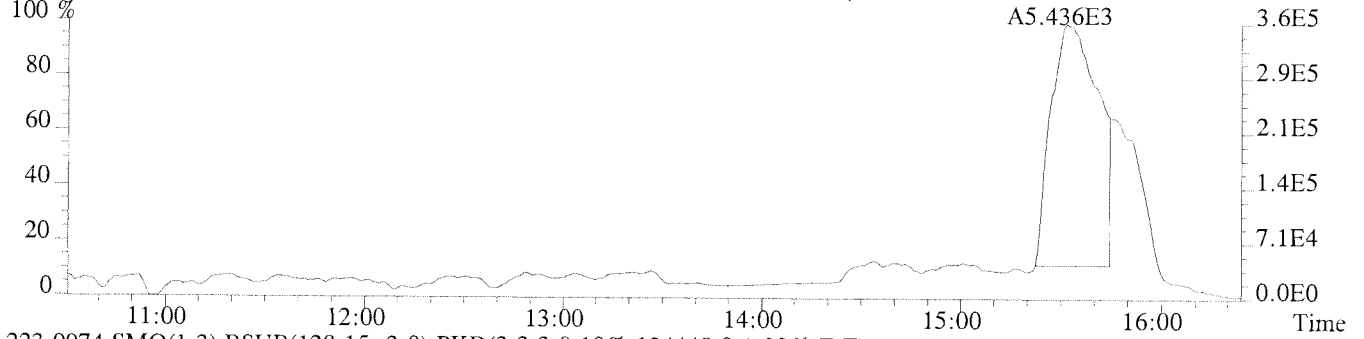


File:U224763 #1-379 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-011 USENE/W091
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1956.0,1.00%,F,T)

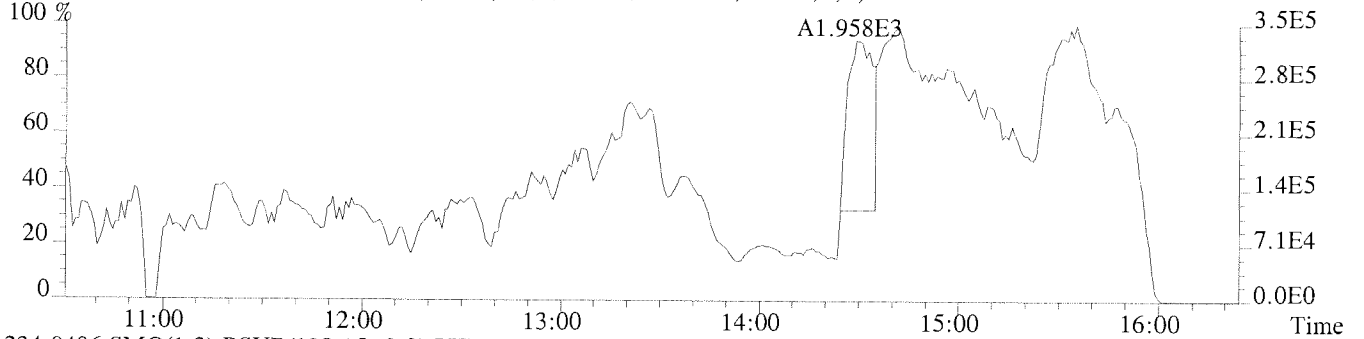


File:U224763 #1-379 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091

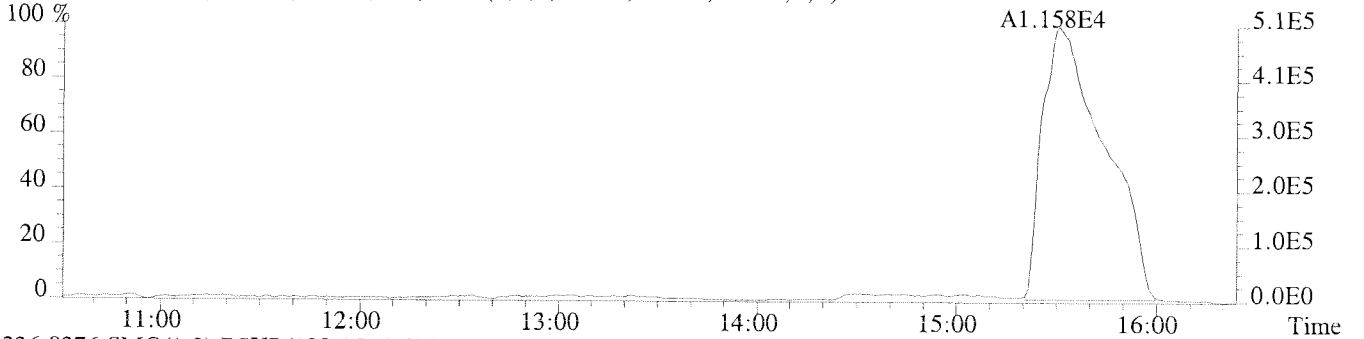
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,24784.0,1.00%,F,T)



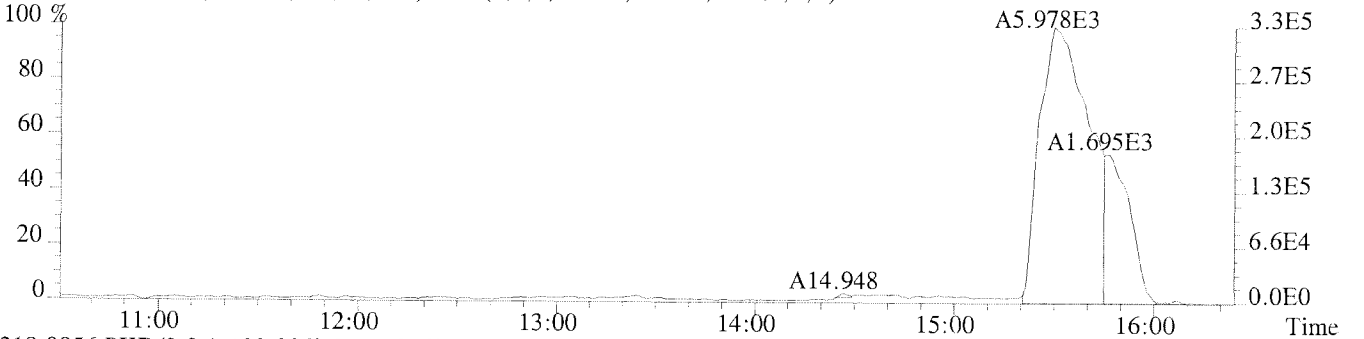
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,134448.0,1.00%,F,T)



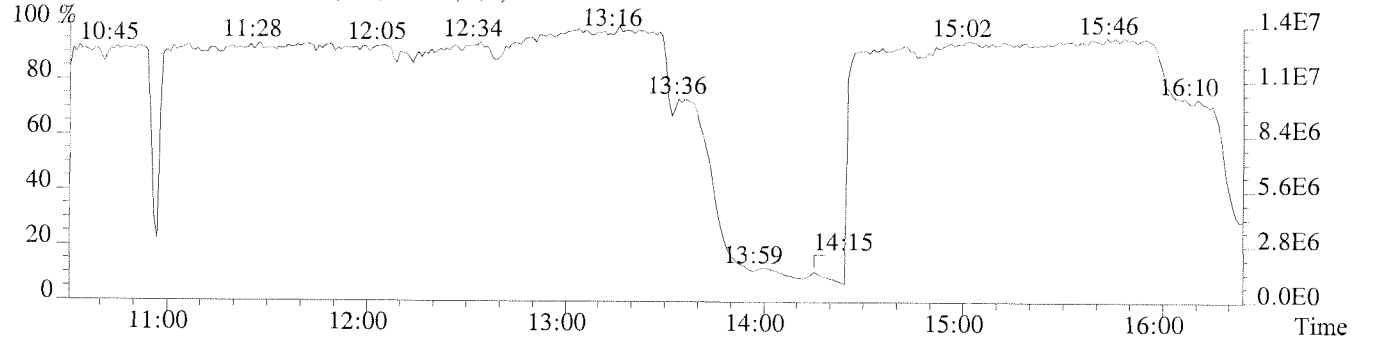
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5876.0,1.00%,F,T)

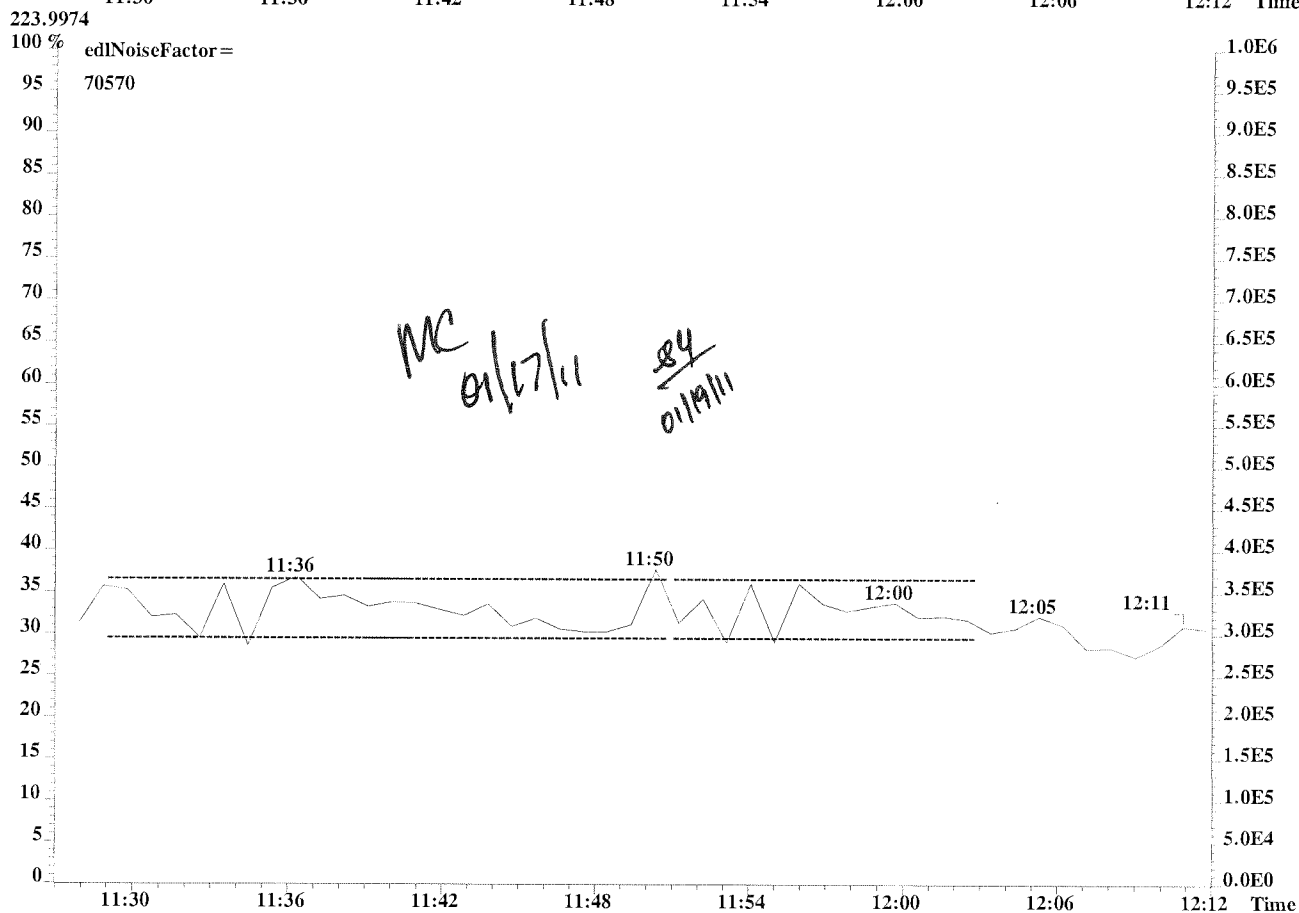
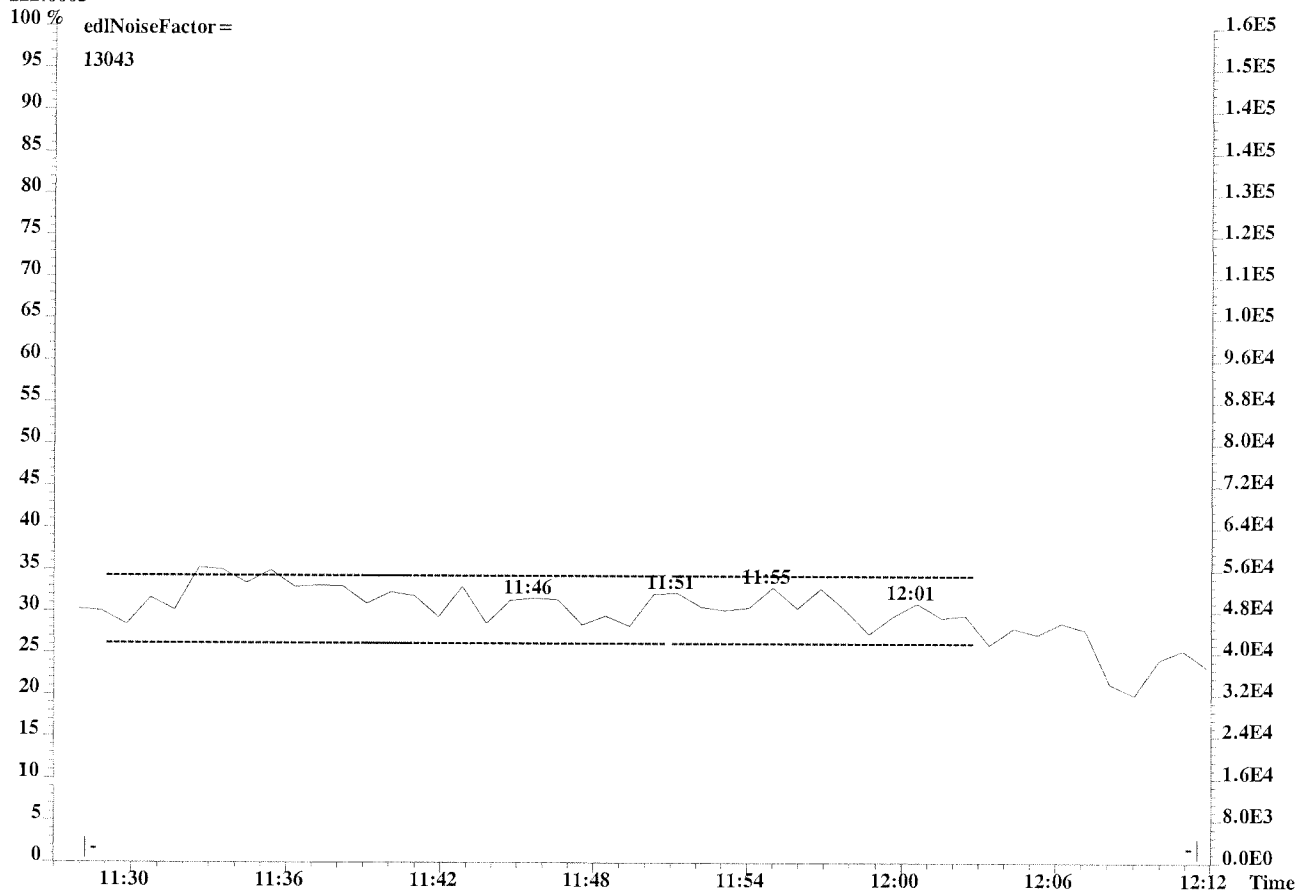


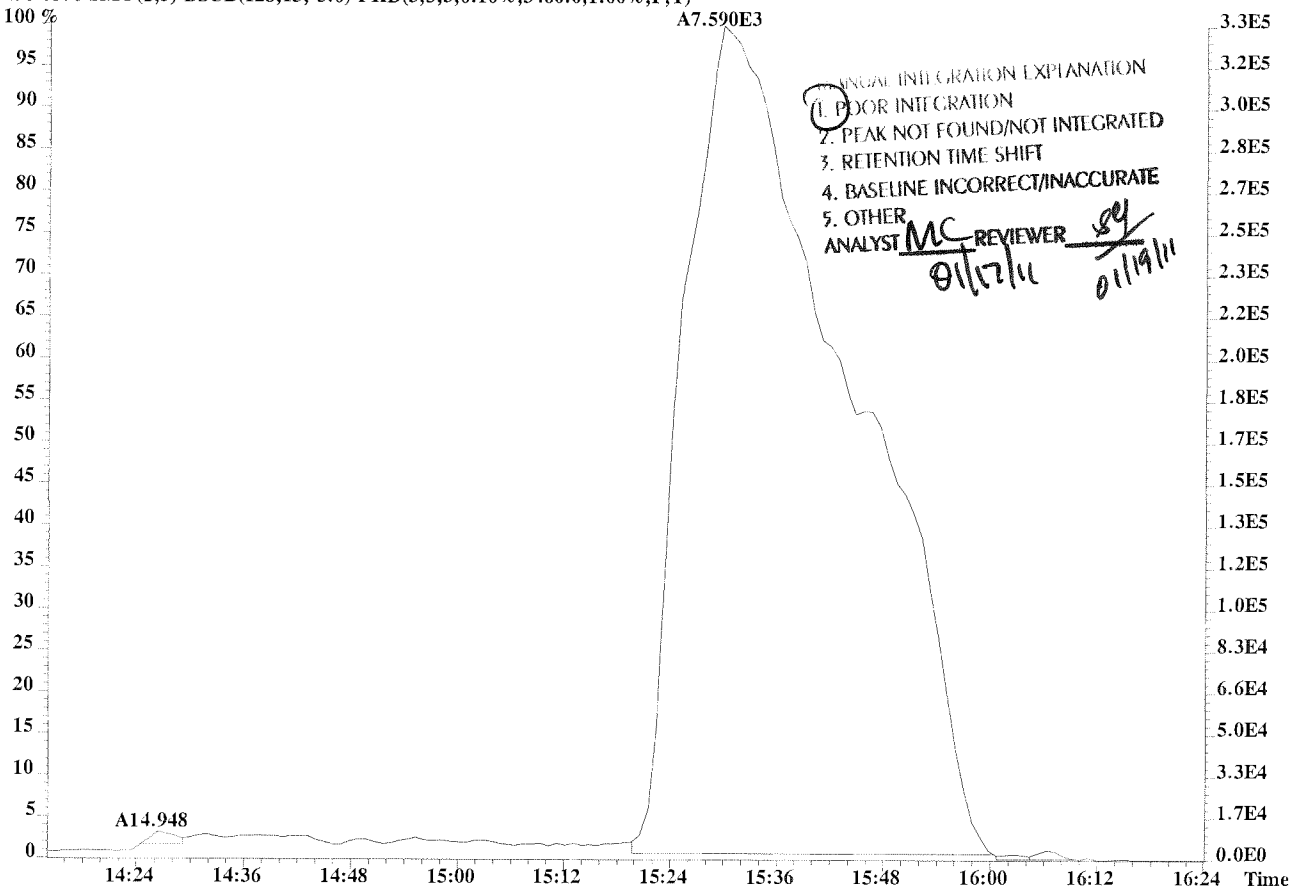
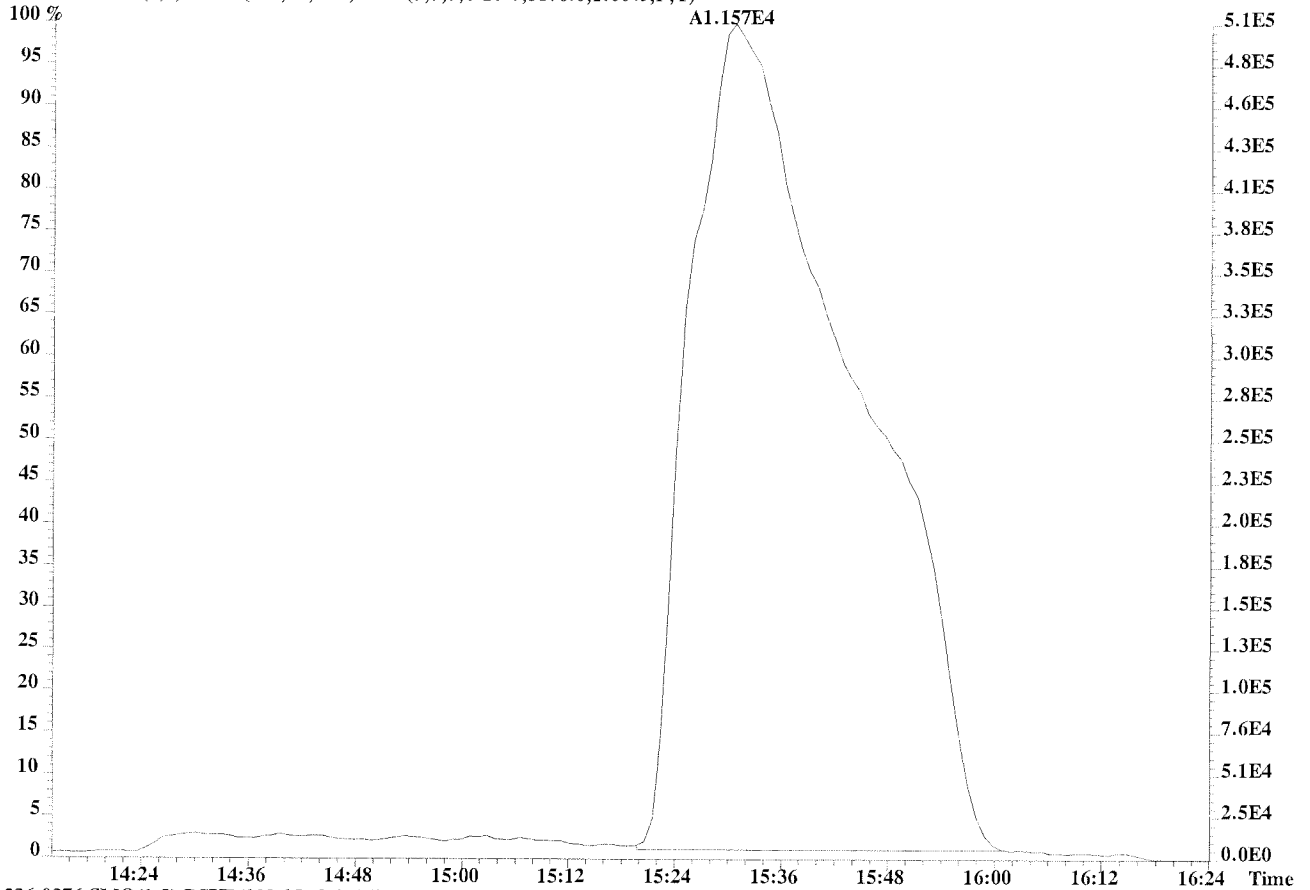
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3460.0,1.00%,F,T)



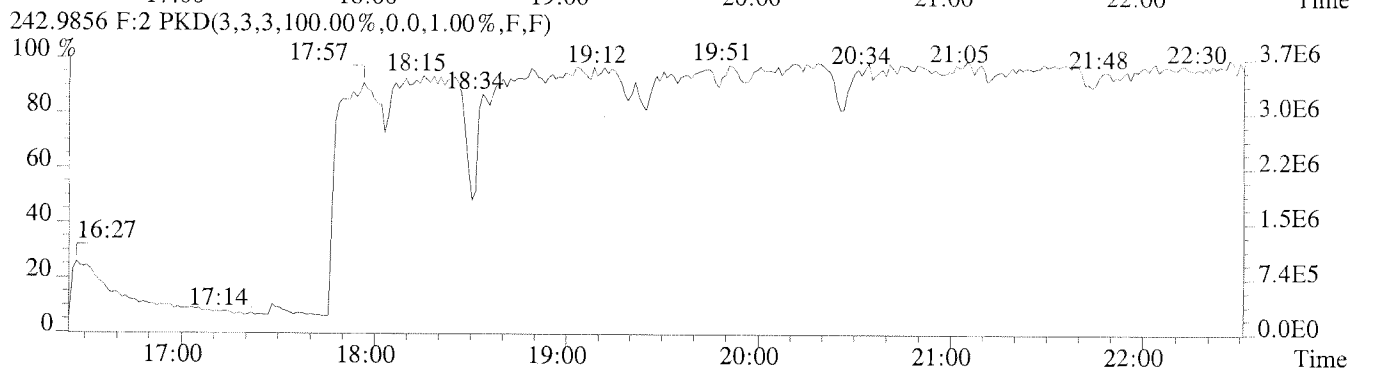
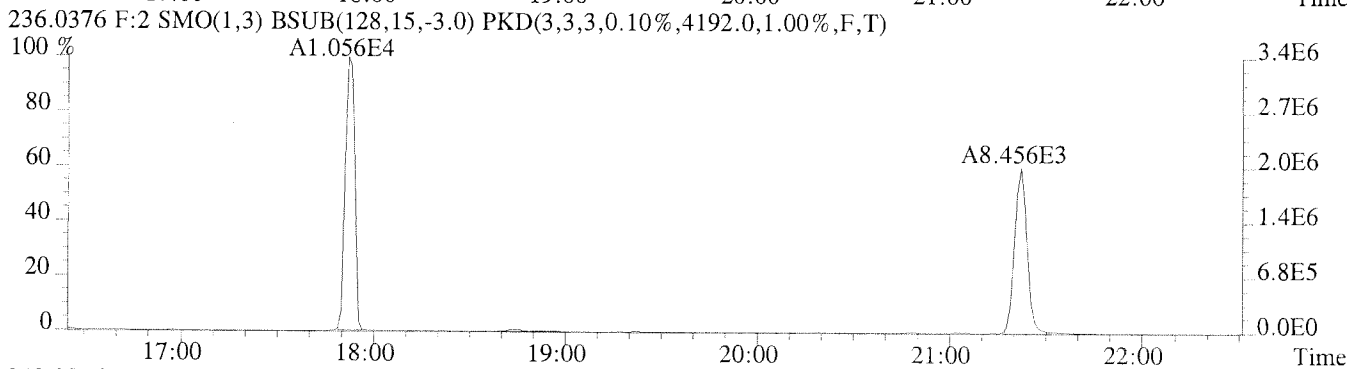
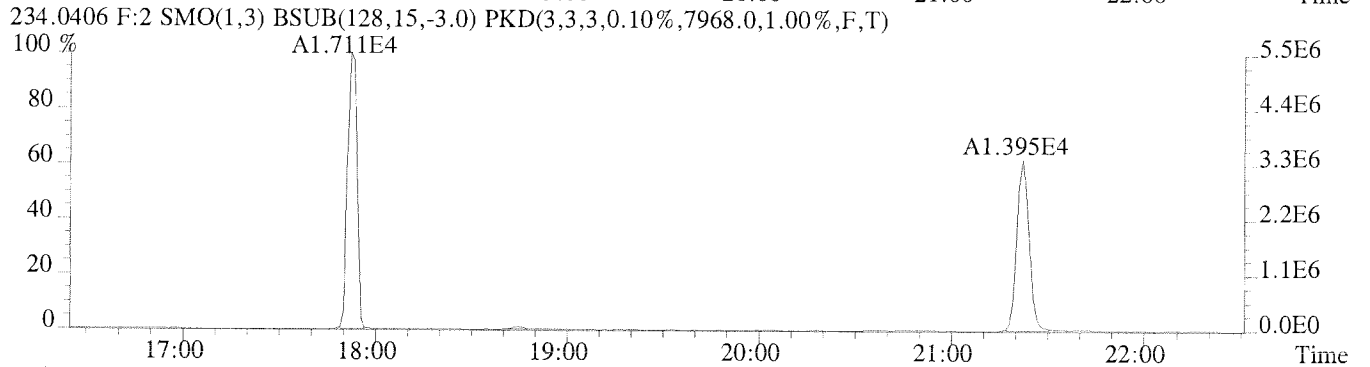
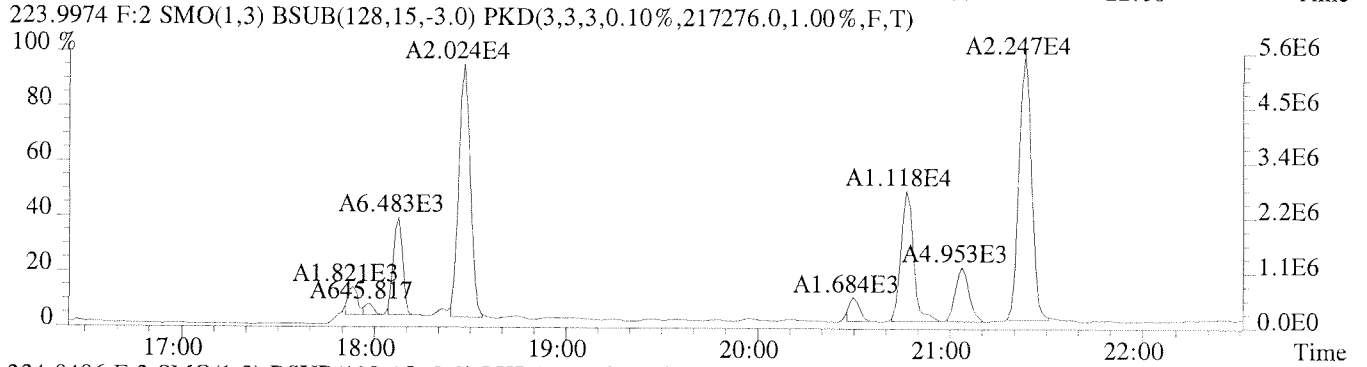
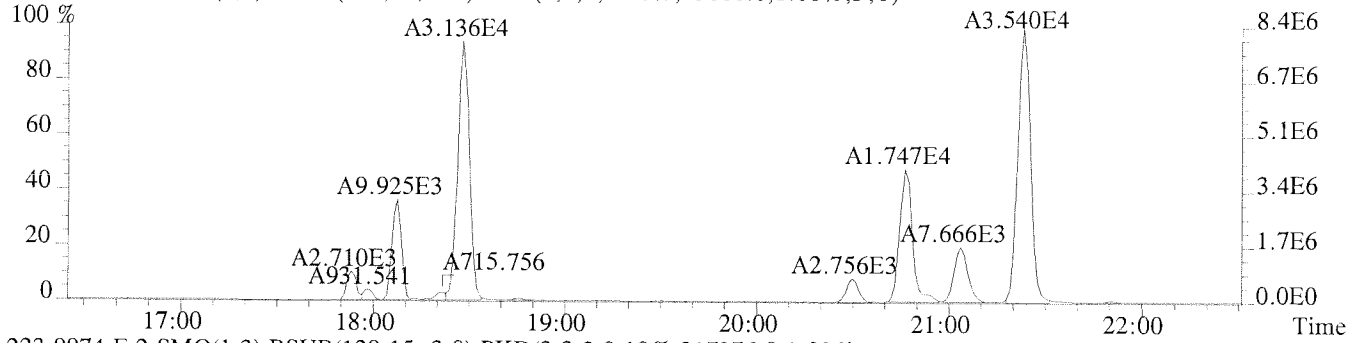
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



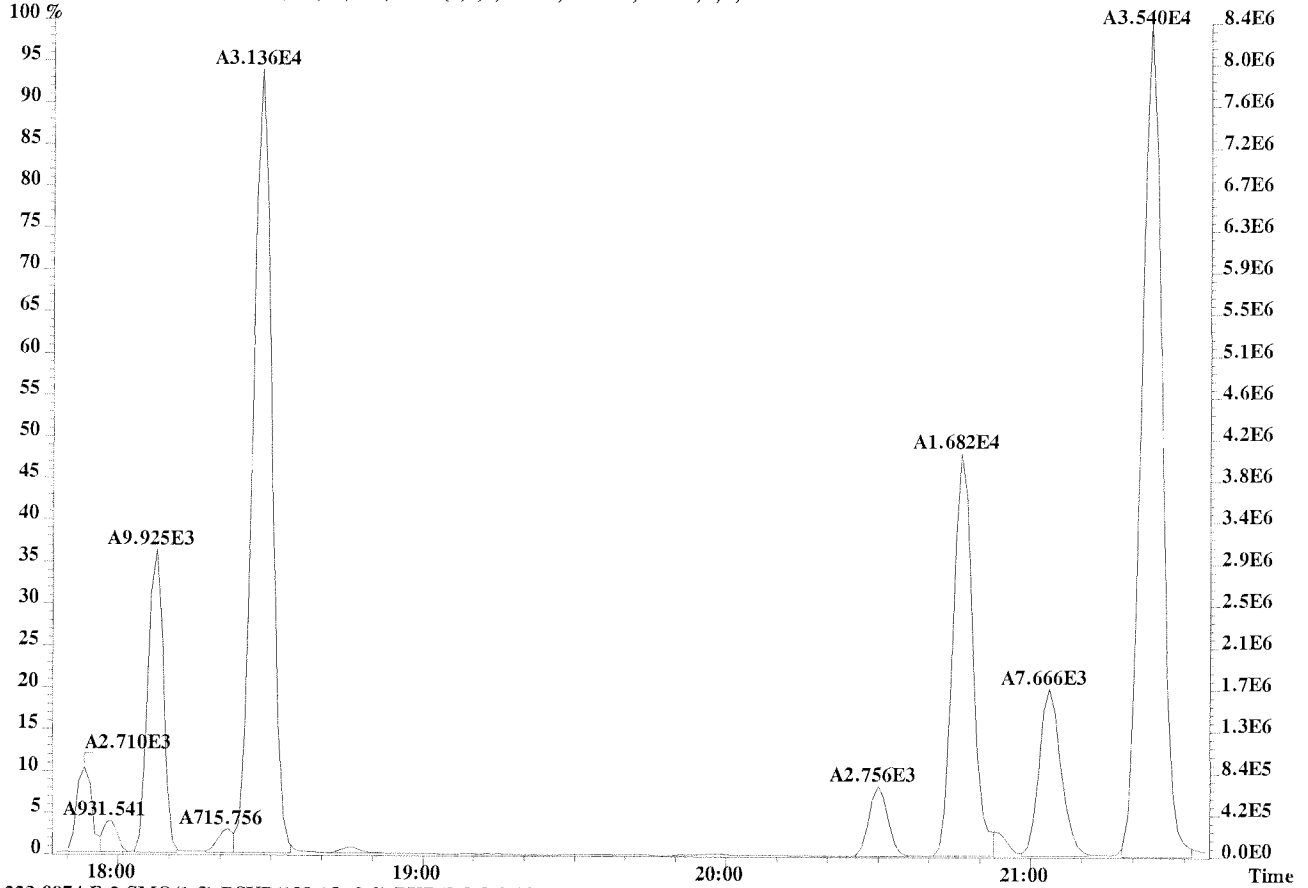




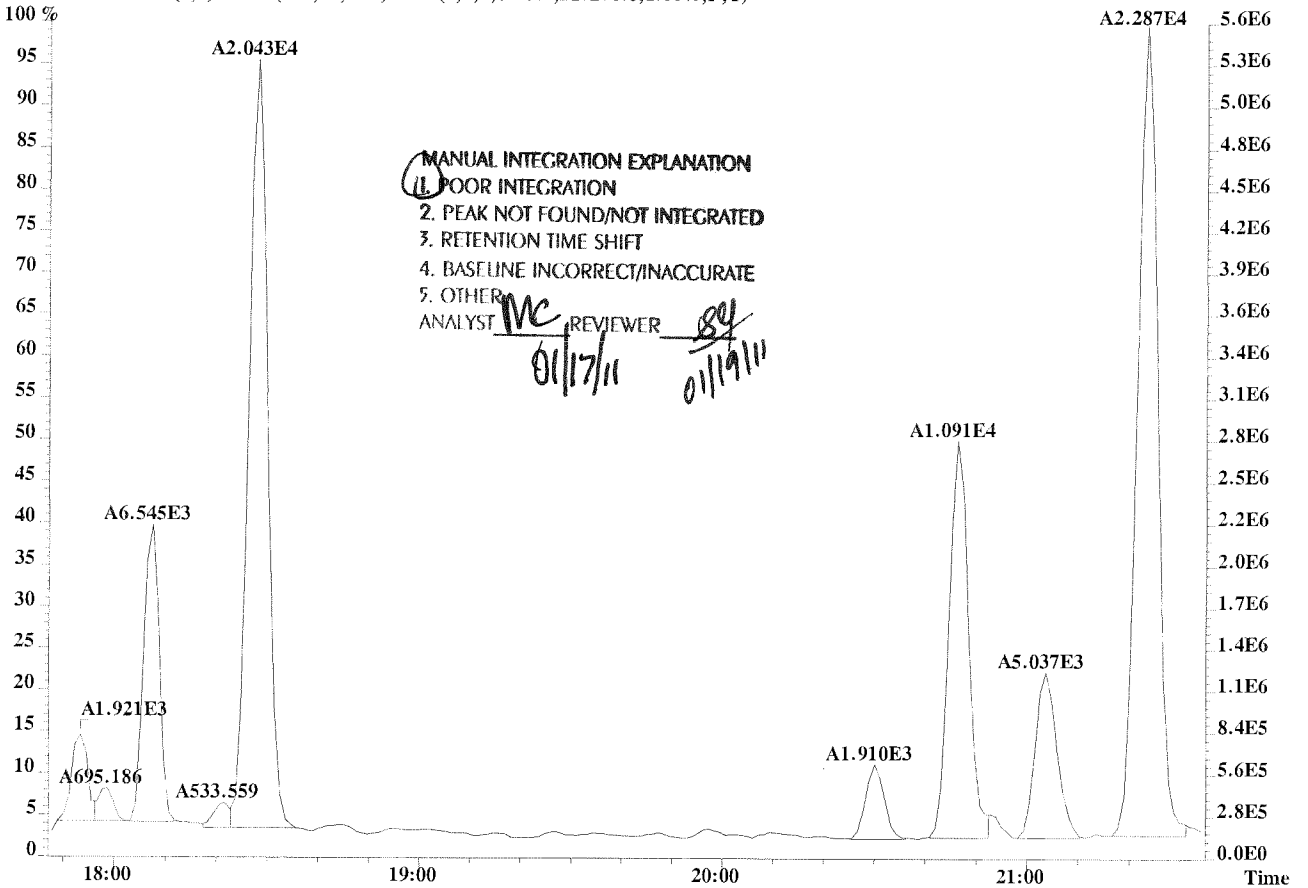
File:U224763 #1-337 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15660.0,1.00%,F,T)

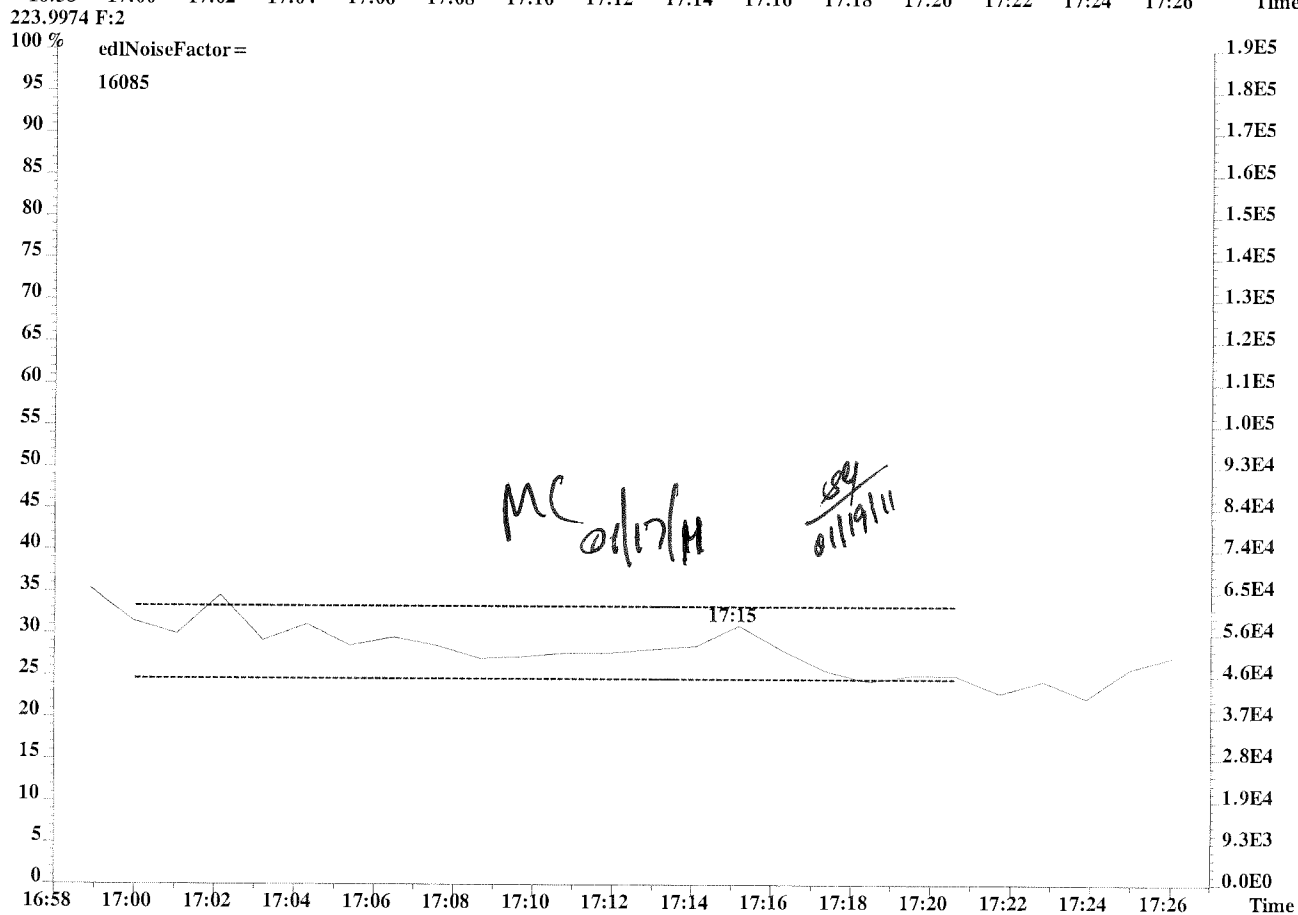
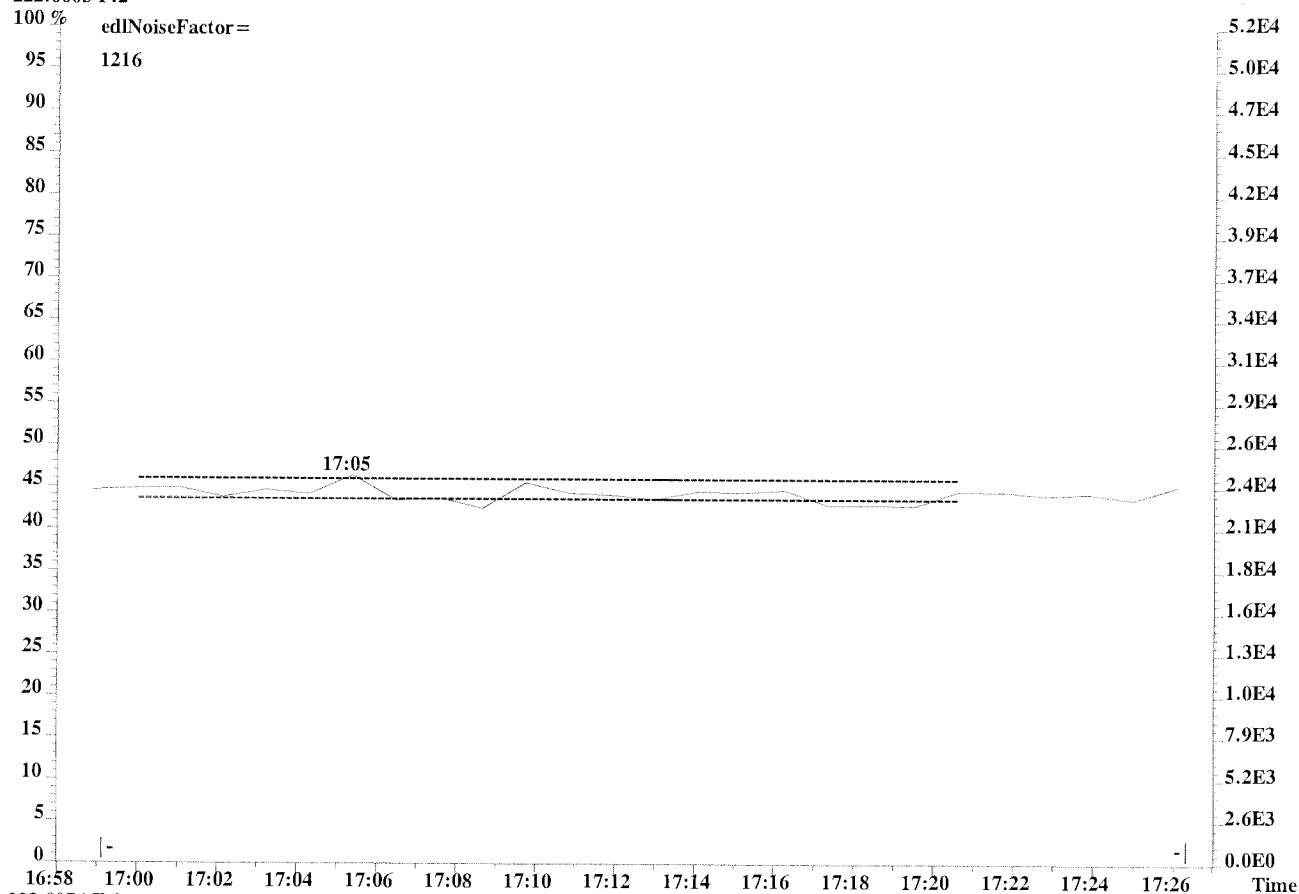


File:U224763 #1-337 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-011 USENE/W091
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15660.0,1.00%,F,T)

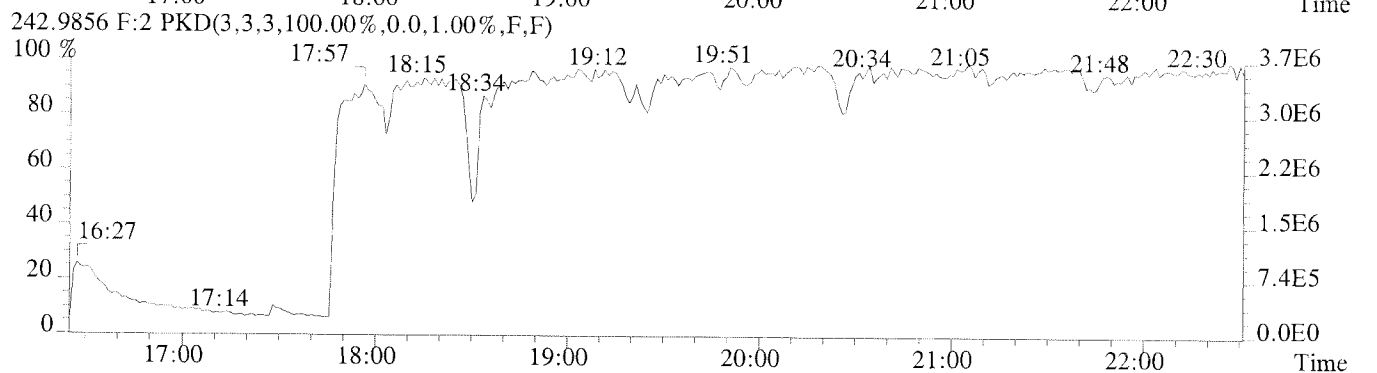
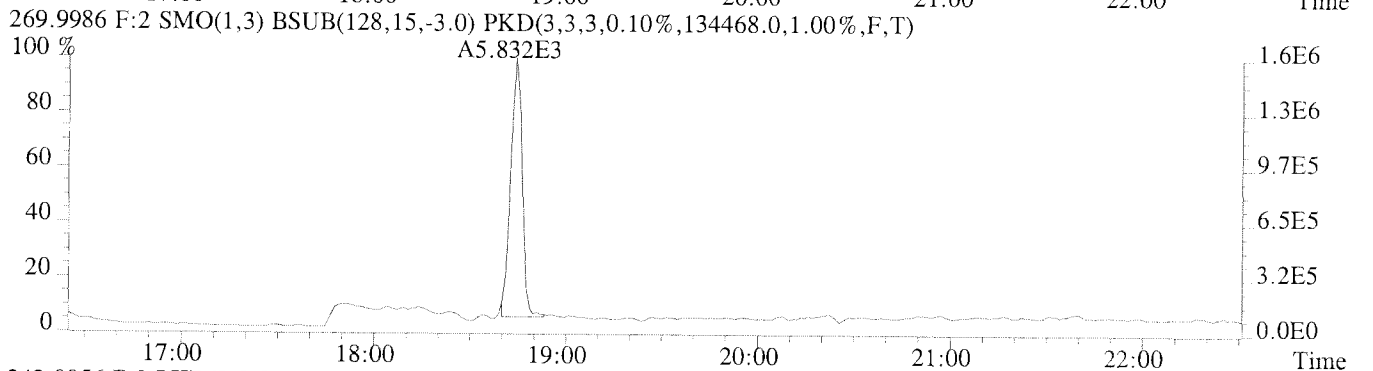
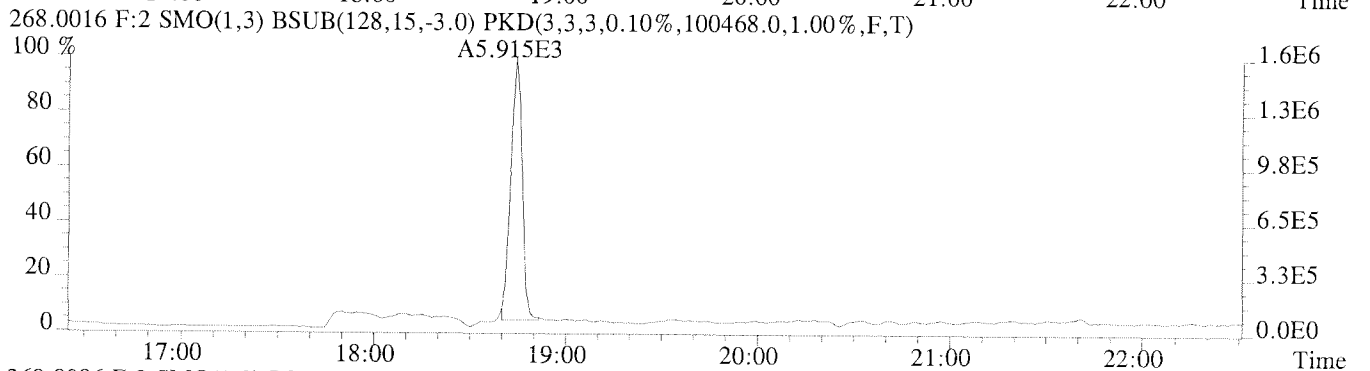
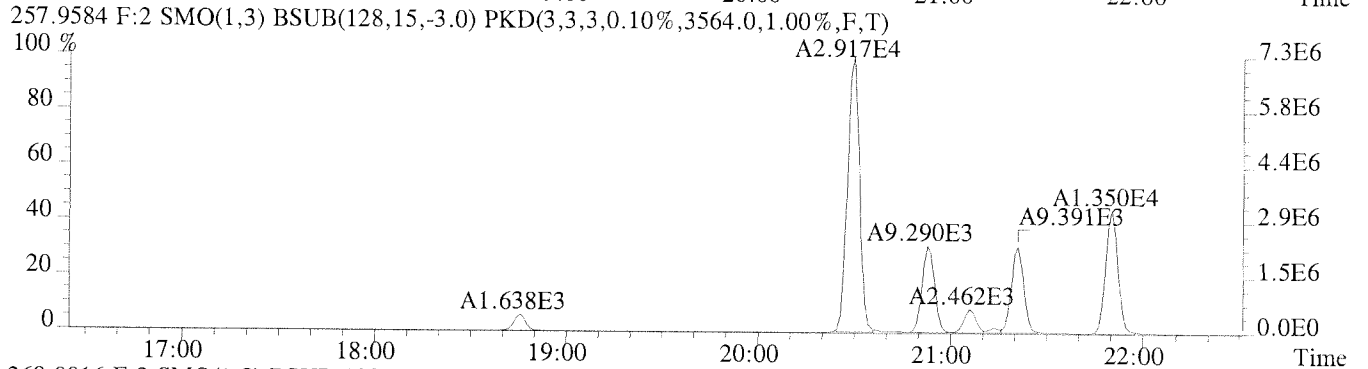
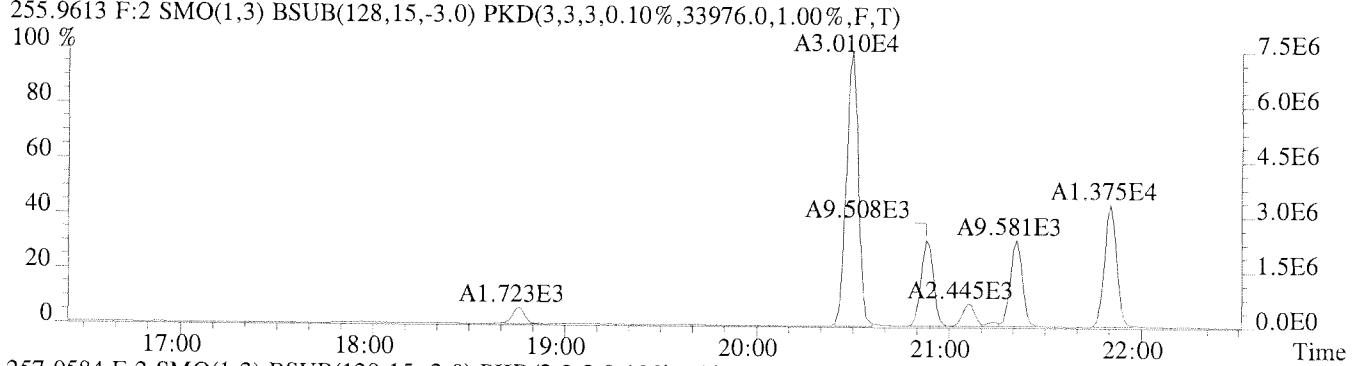


223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,217276.0,1.00%,F,T)

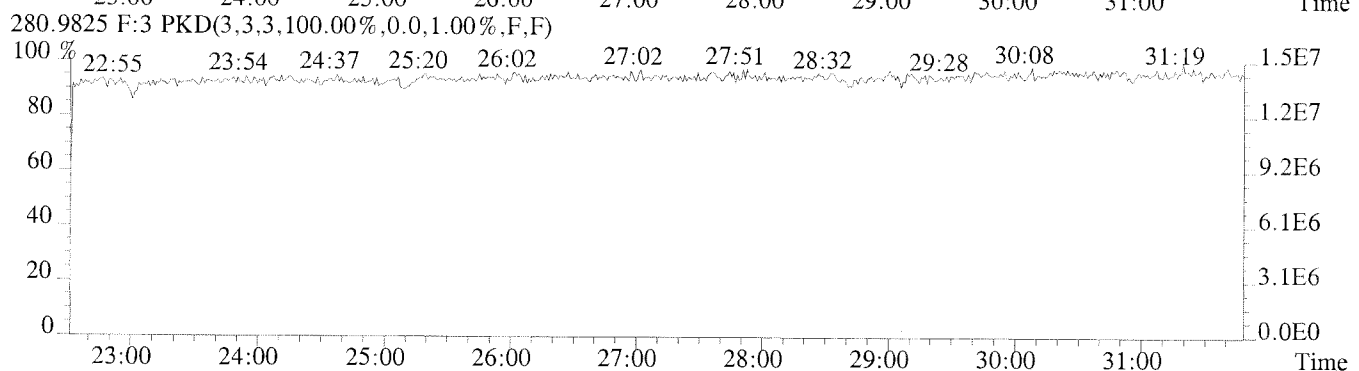
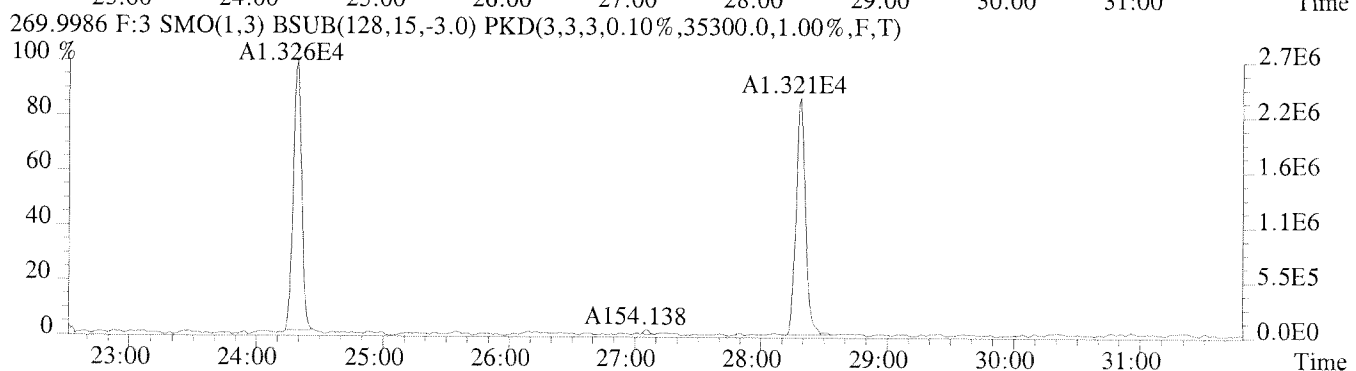
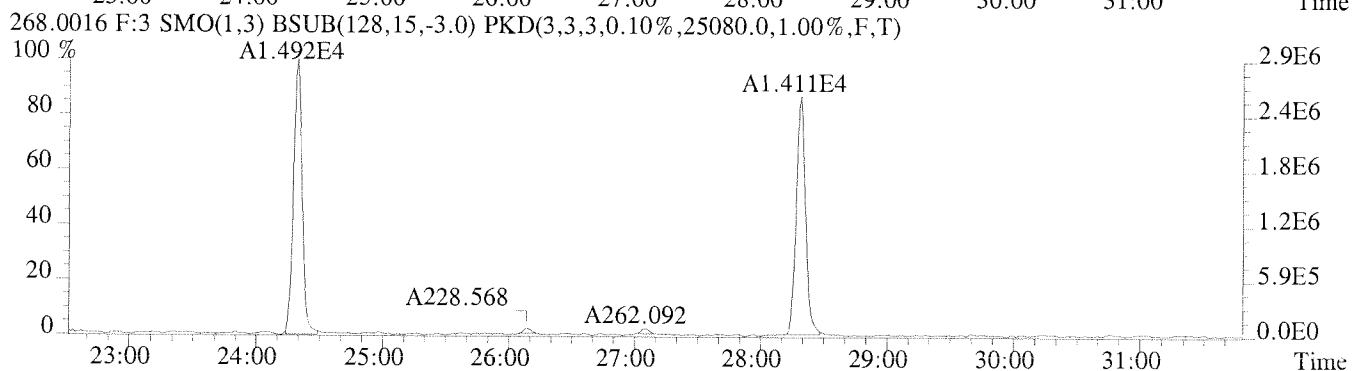
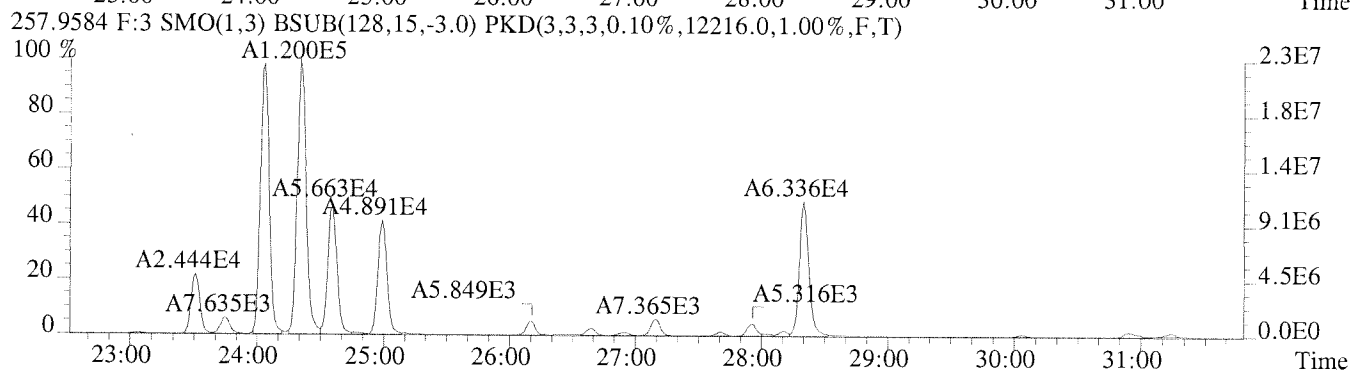
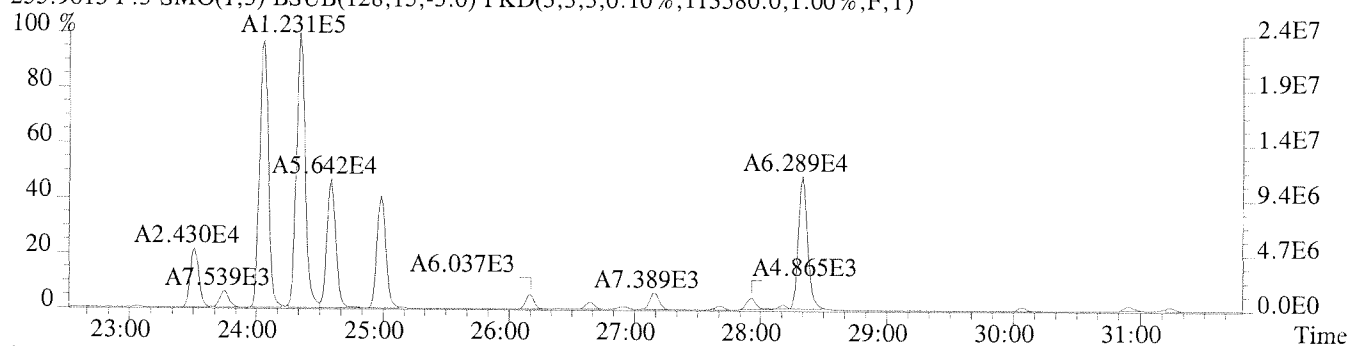




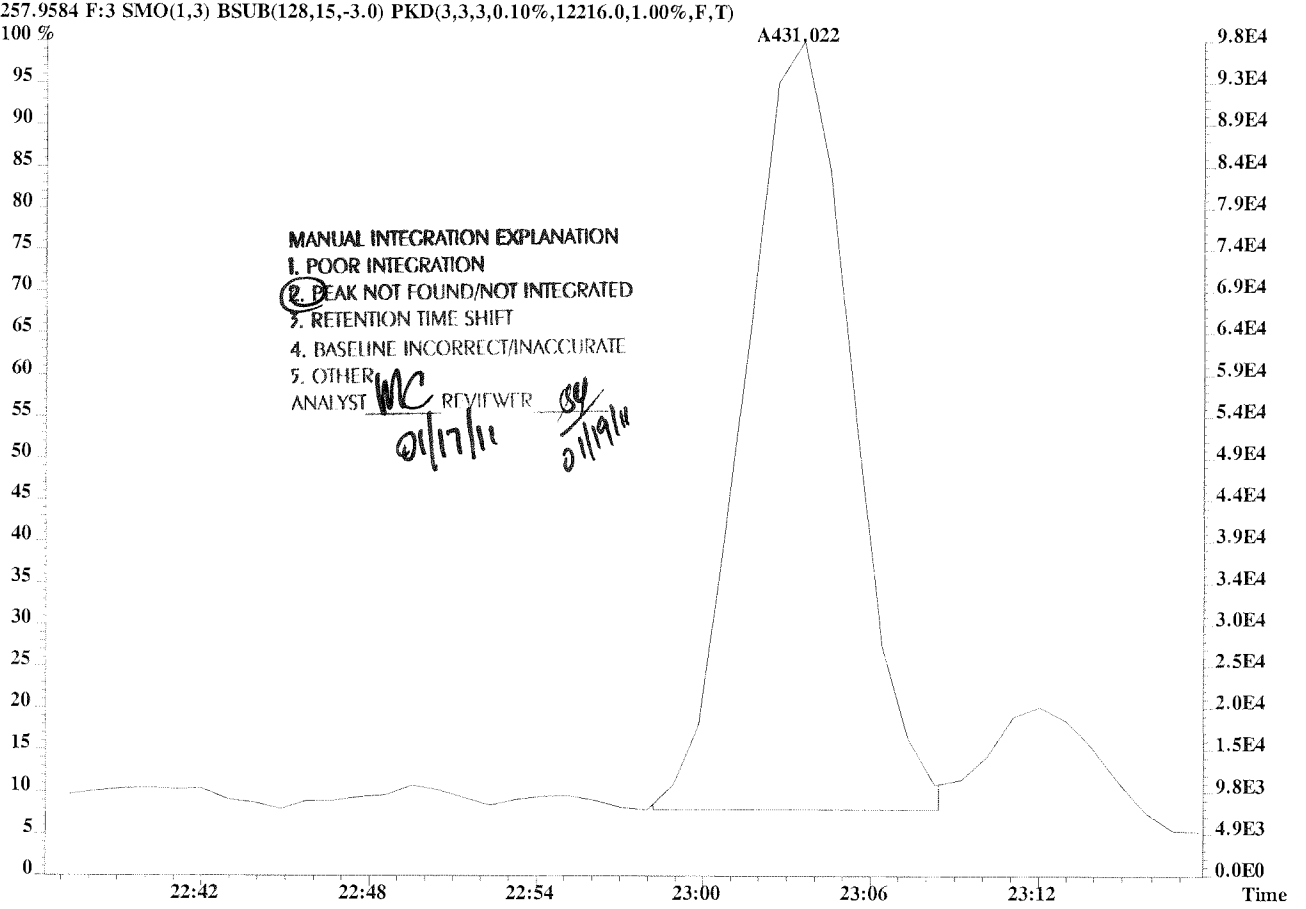
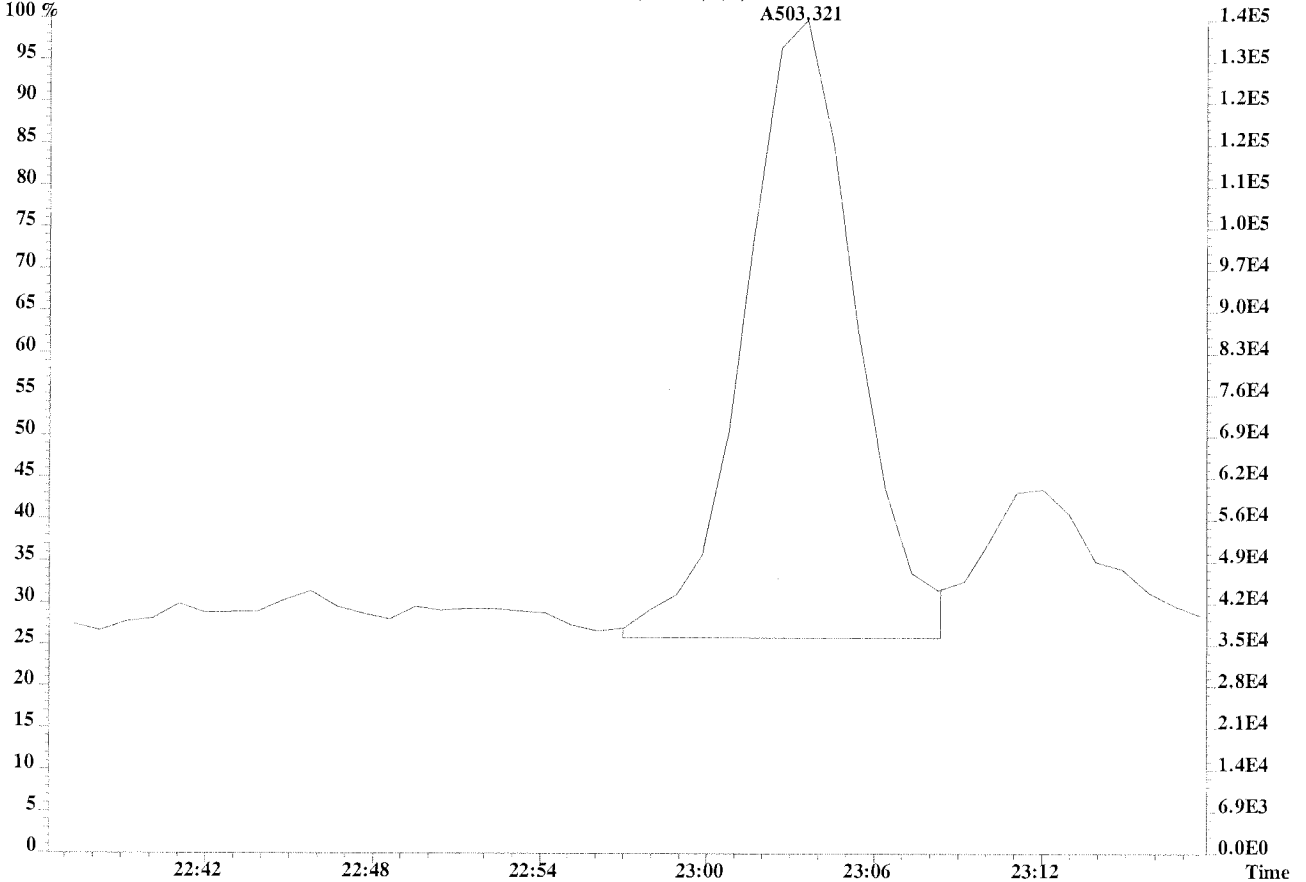
File:U224763 #1-337 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091

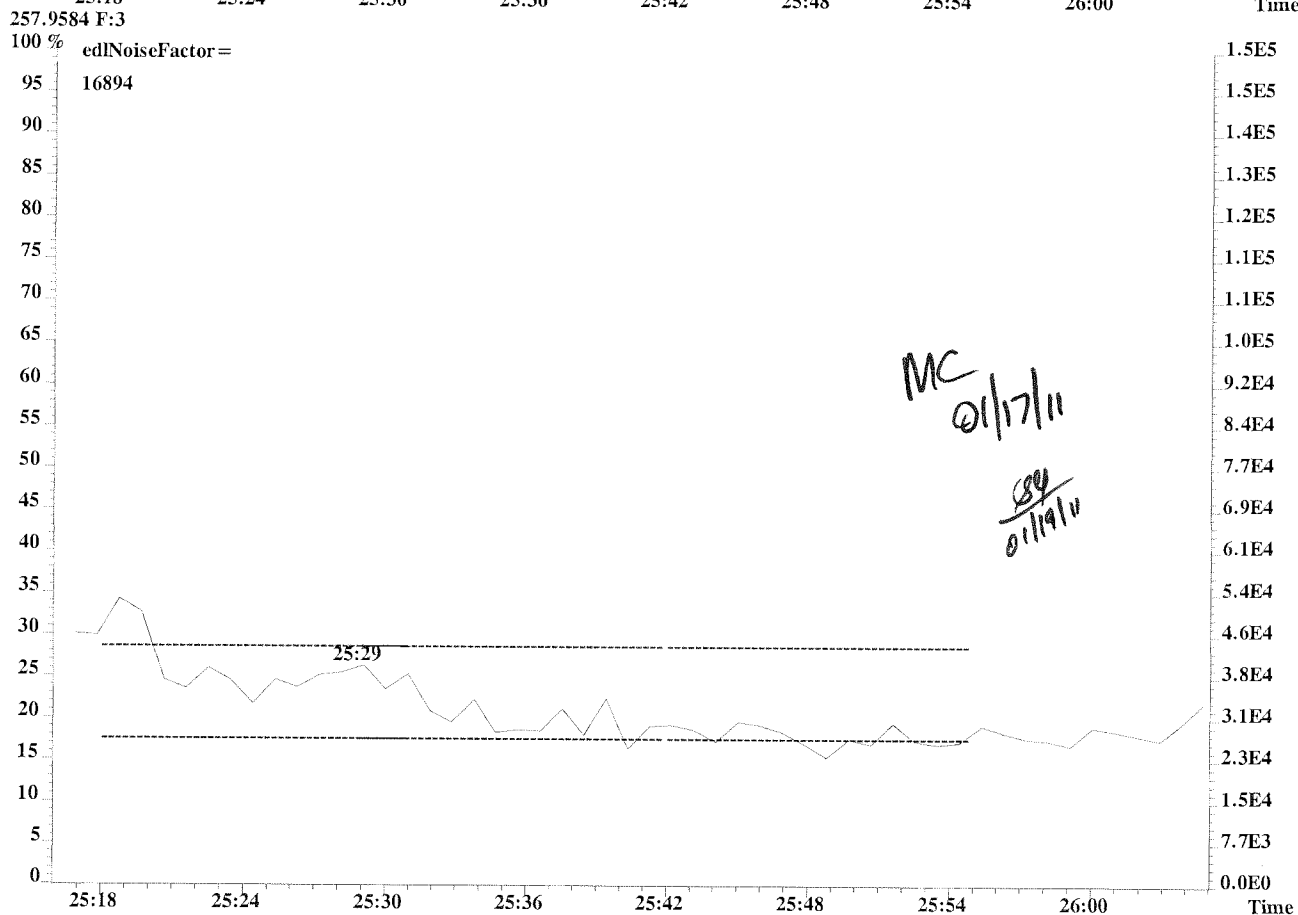
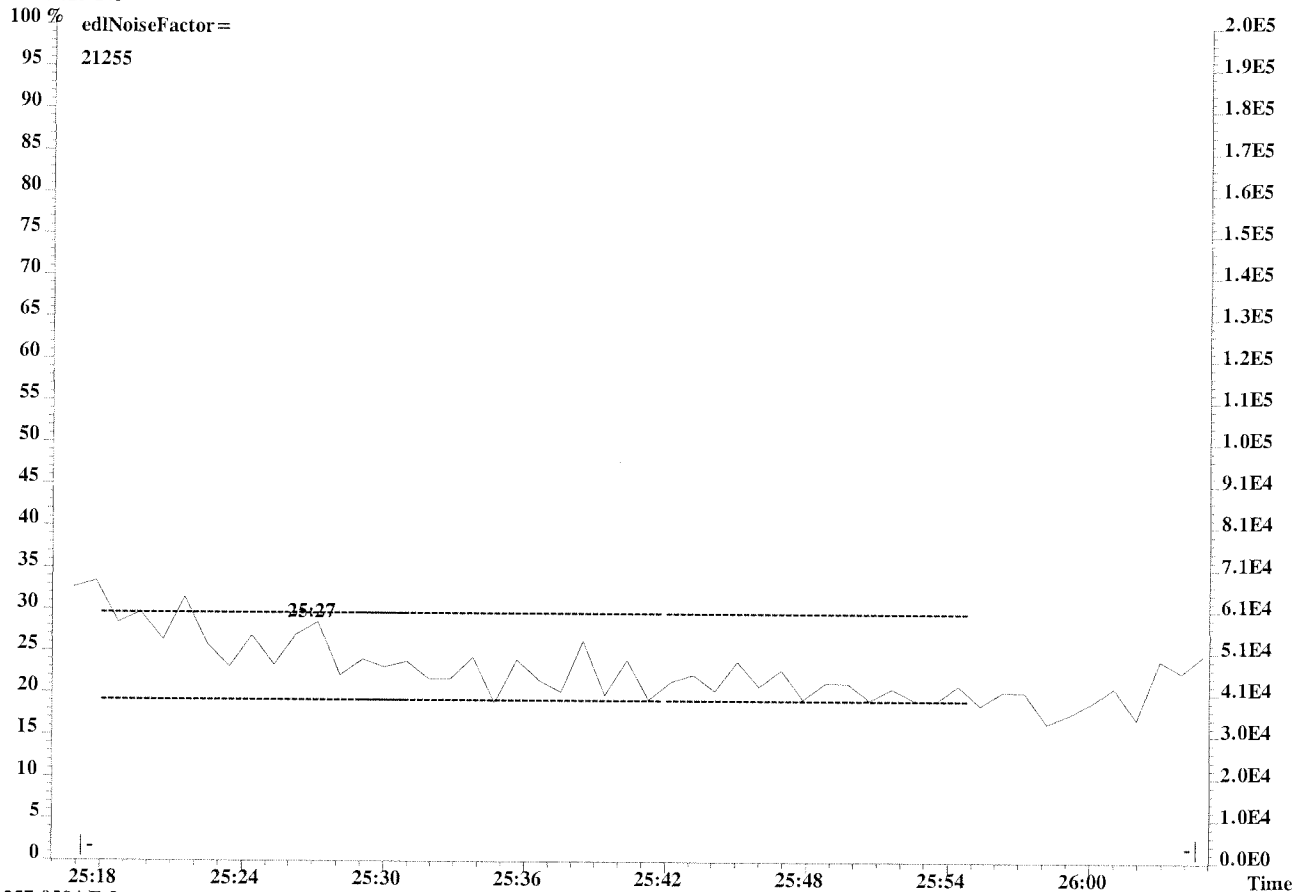


File:U224763 #1-594 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,113580.0,1.00%,F,T)

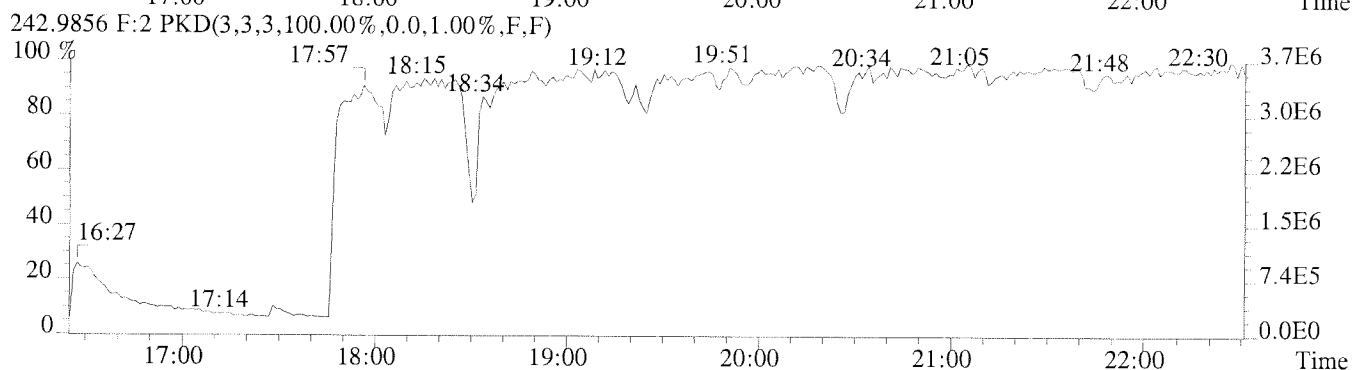
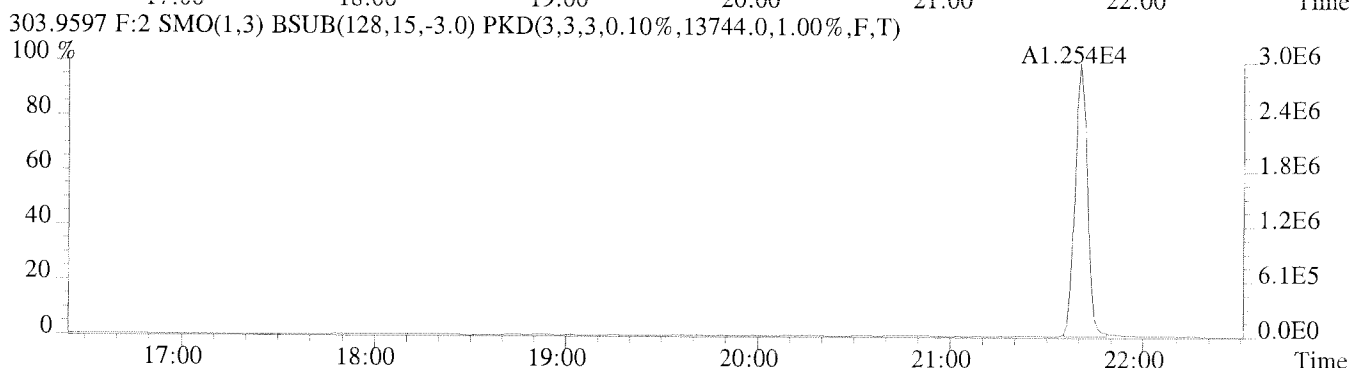
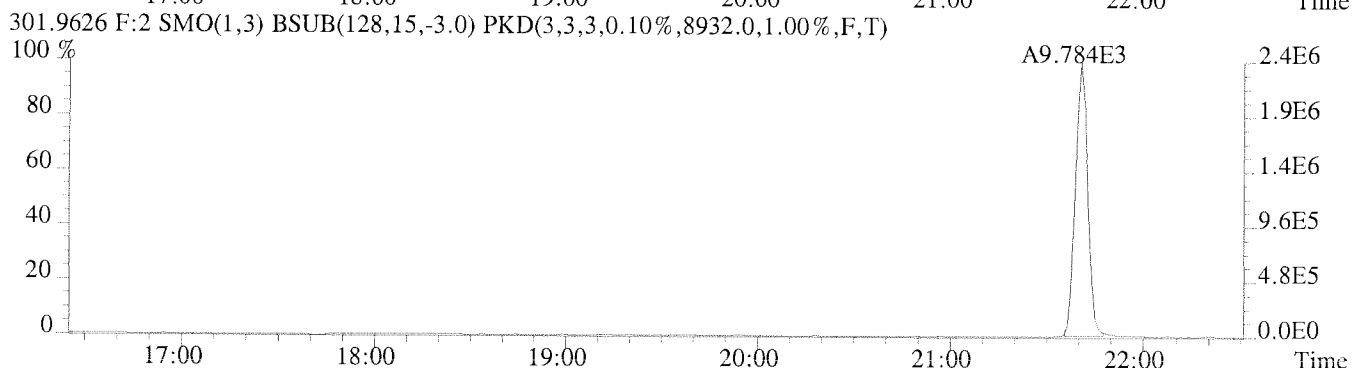
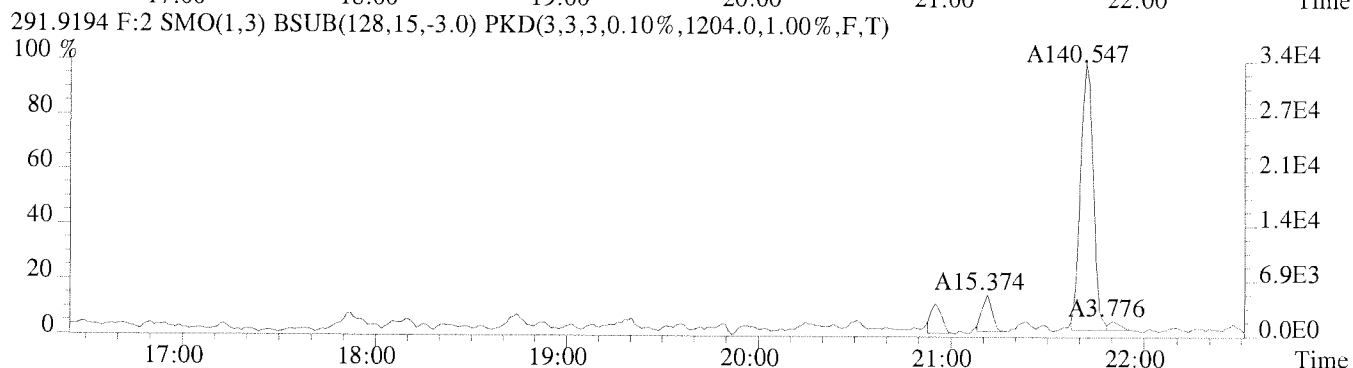
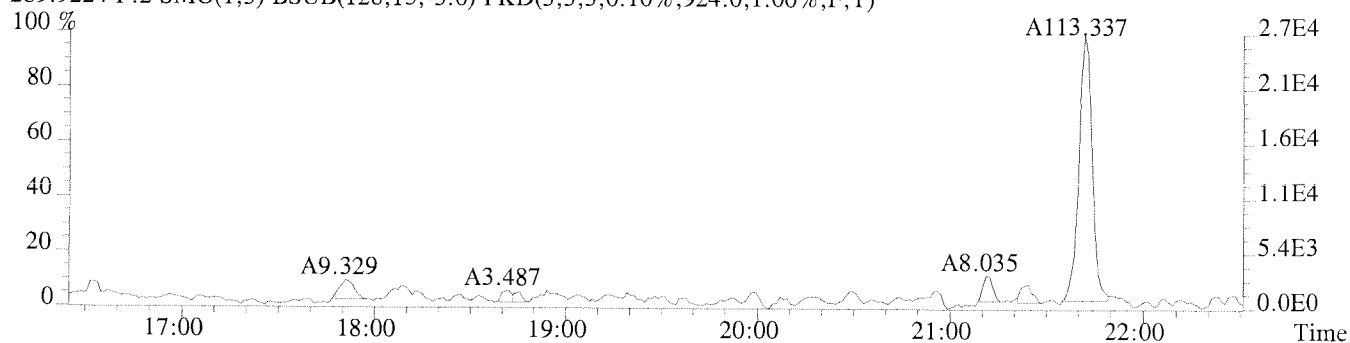


File:U224763 #1-594 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-011 USENE/W091
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,113580.0,1.00%,F,T)

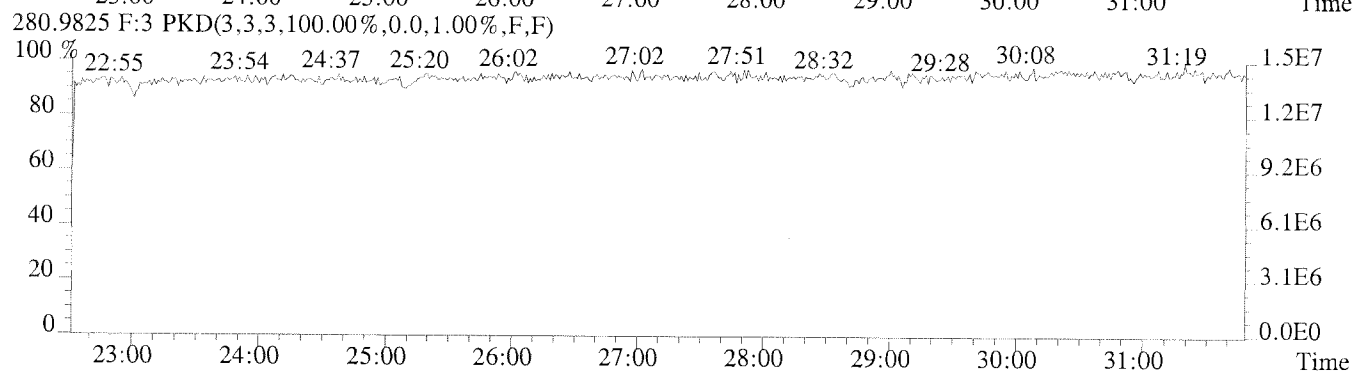
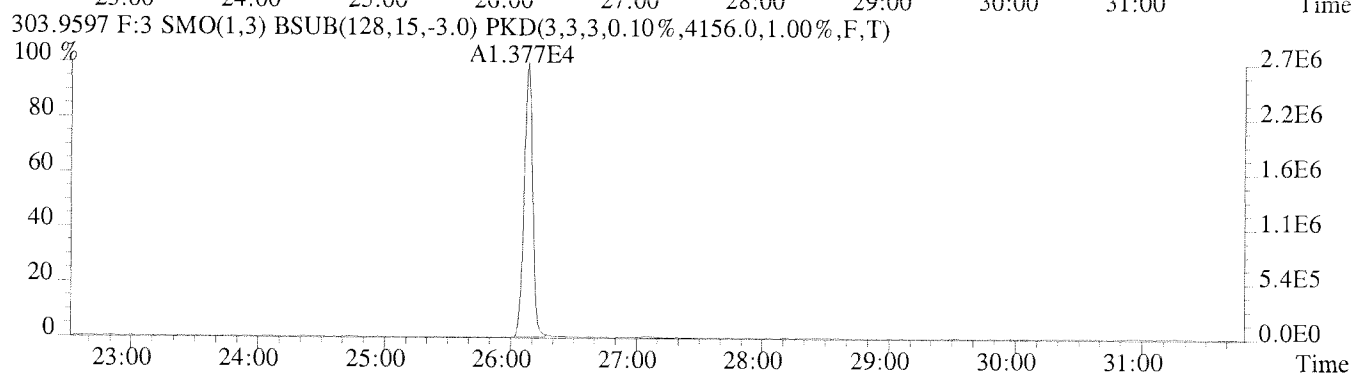
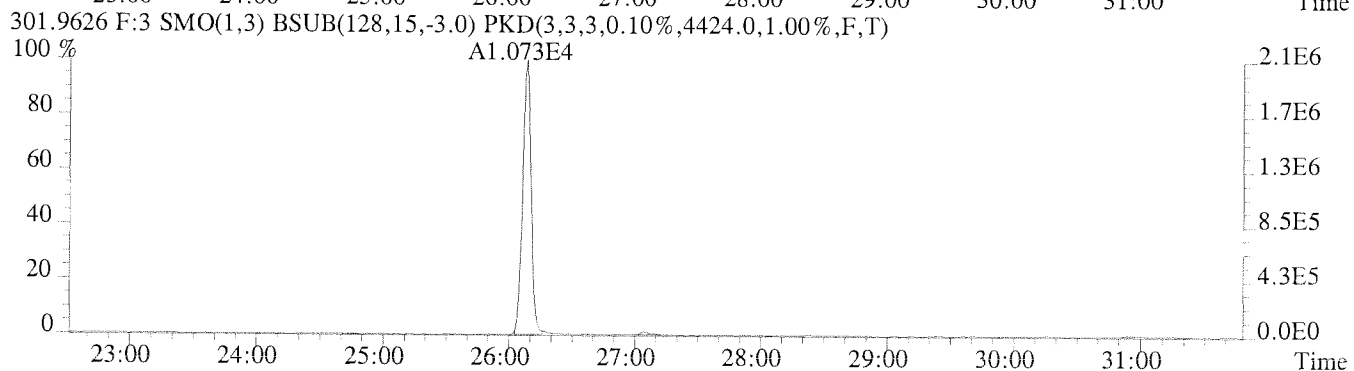
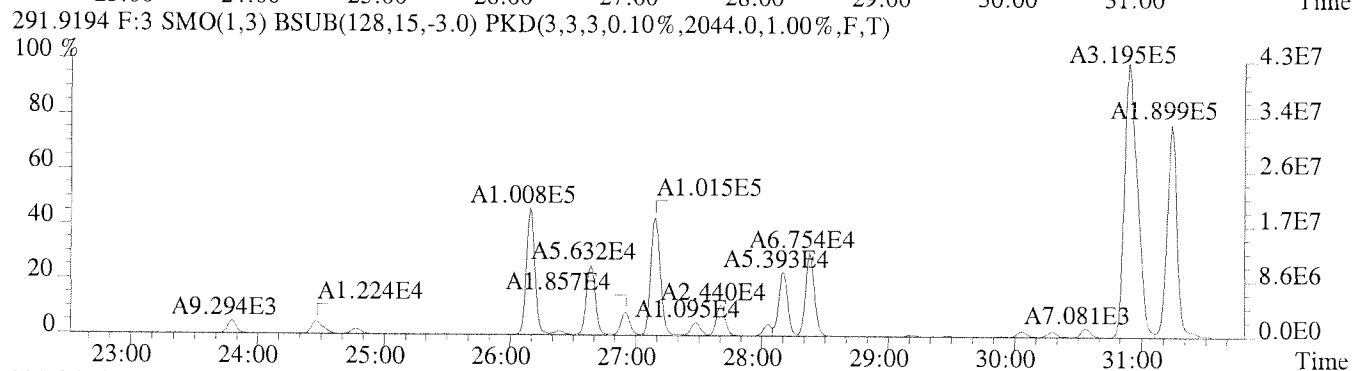
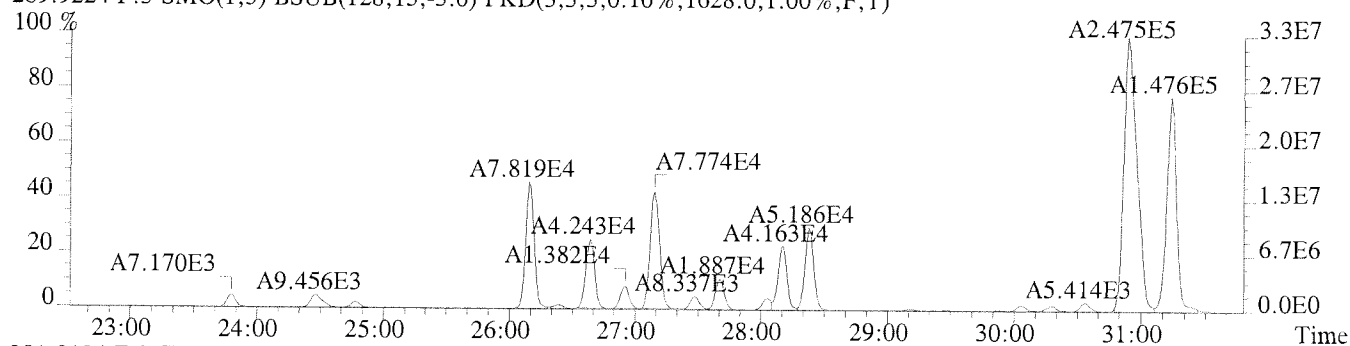




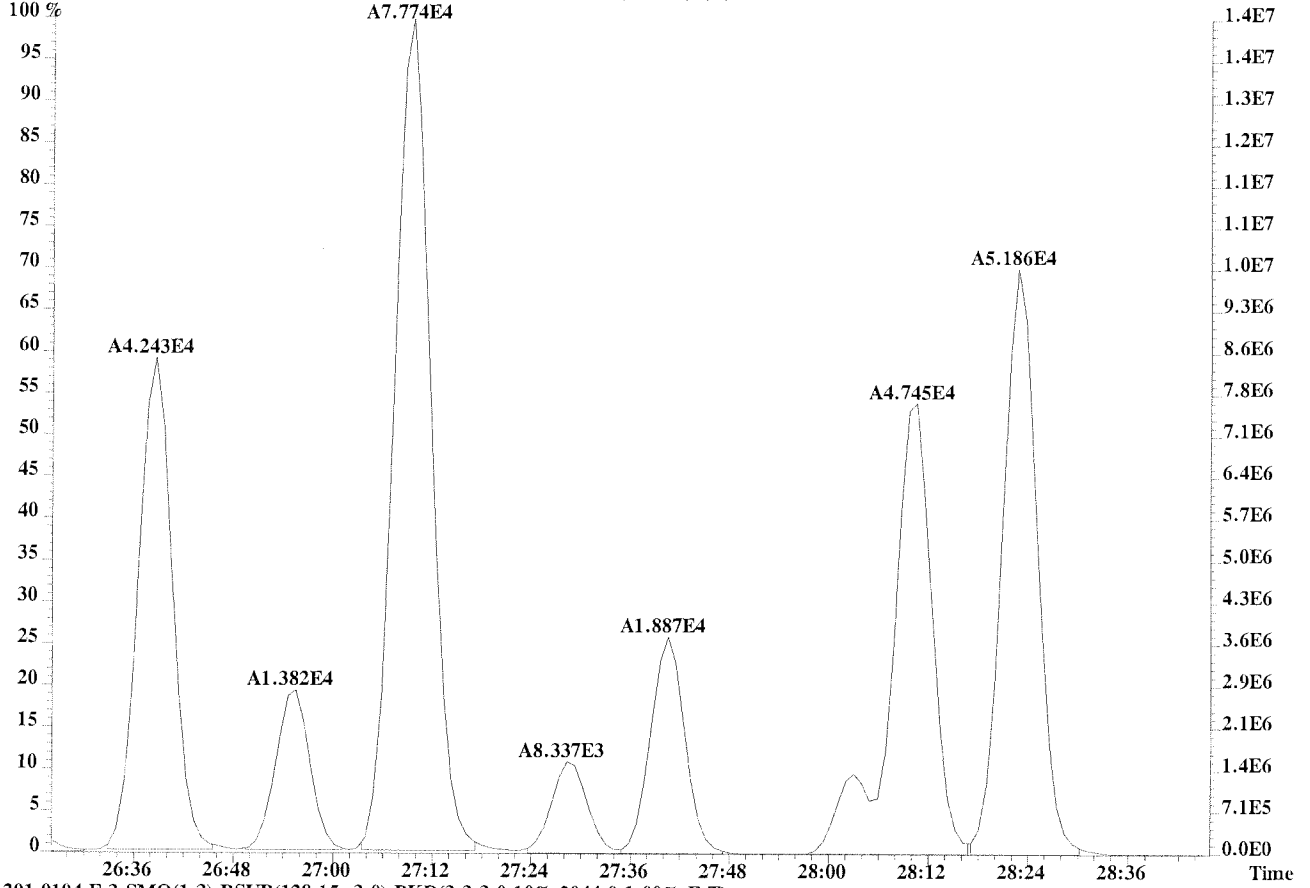
File:U224763 #1-337 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,924.0,1.00%,F,T)



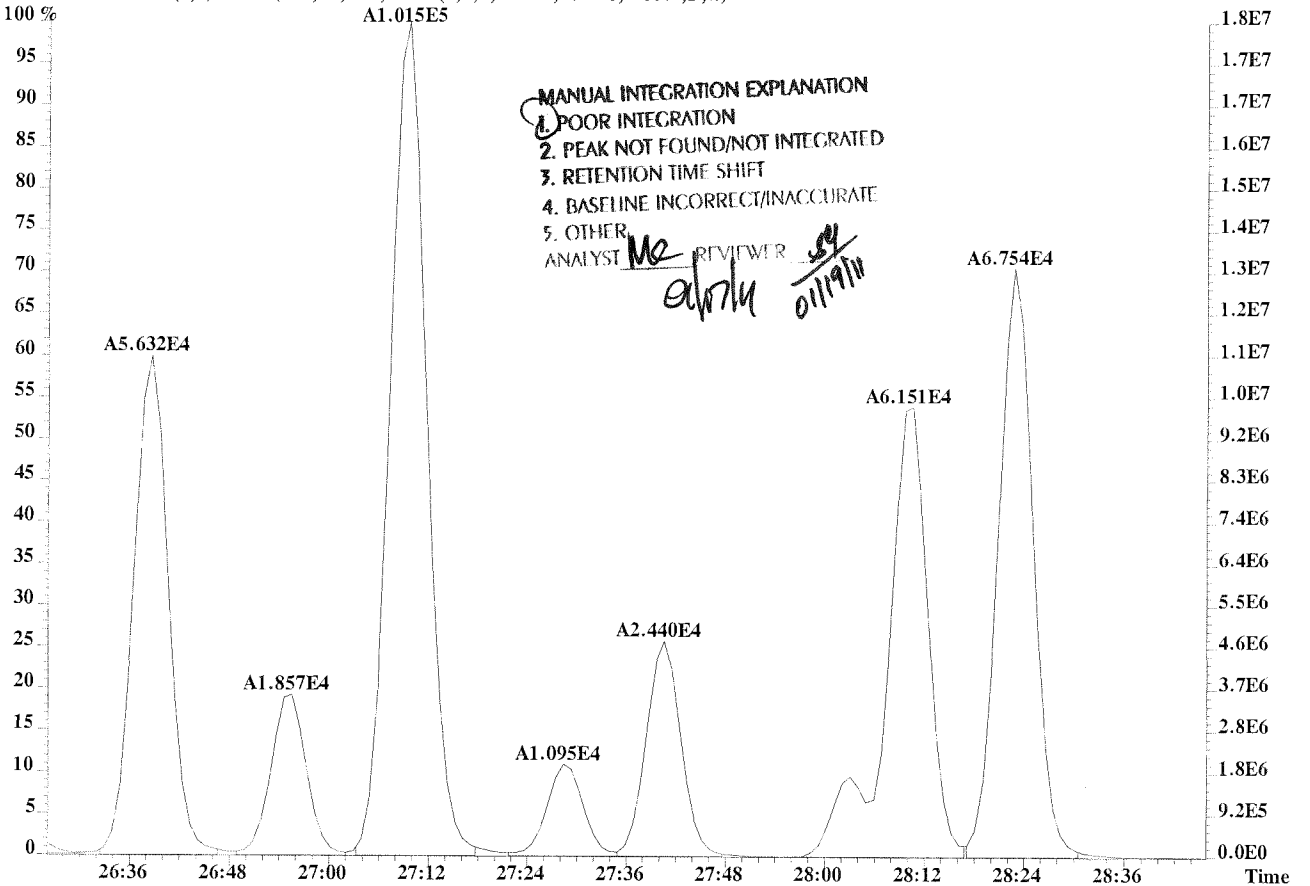
File:U224763 #1-594 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1628.0,1.00%,F,T)



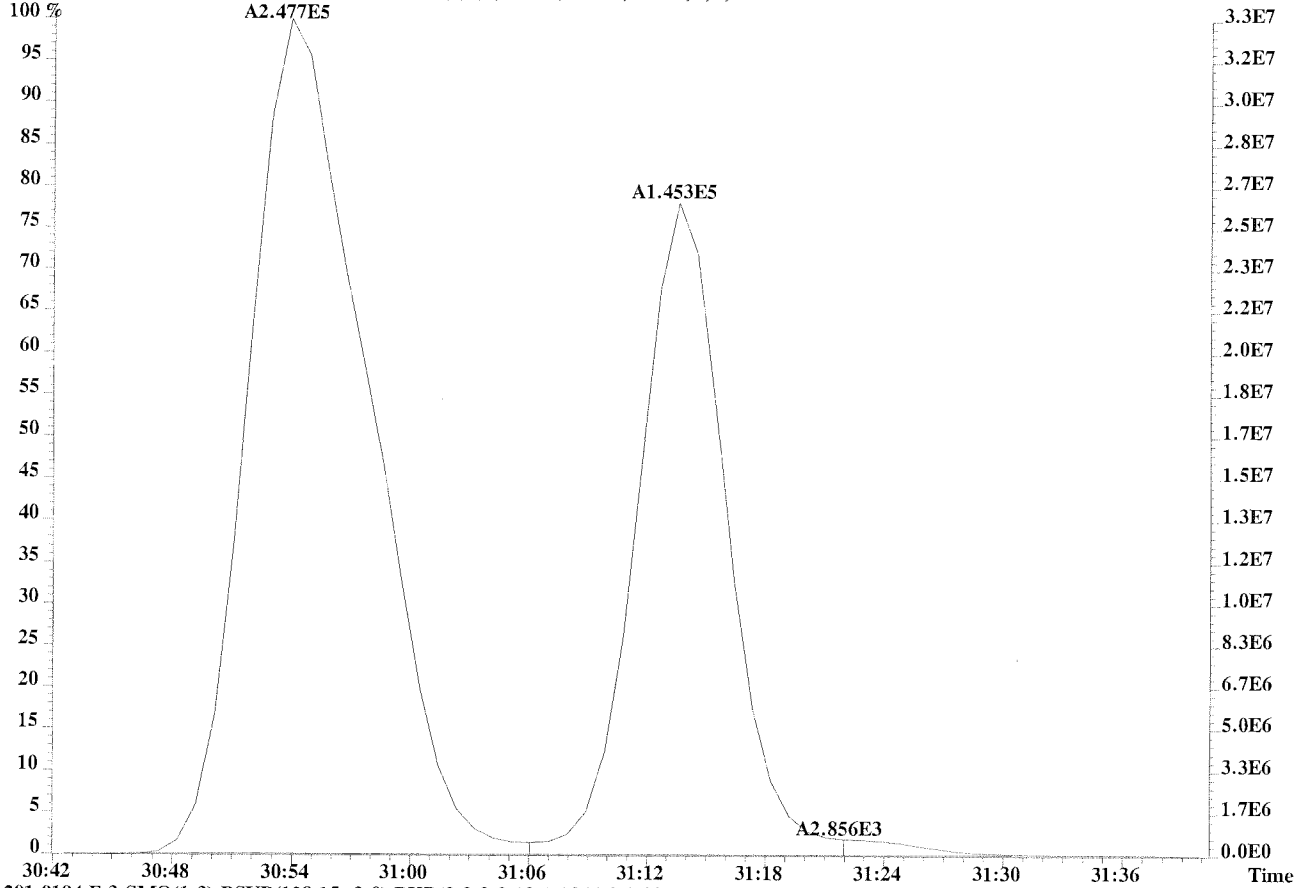
File:U224763 #1-594 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-011 USENE/W091
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1628.0,1.00%,F,T)
 100 %



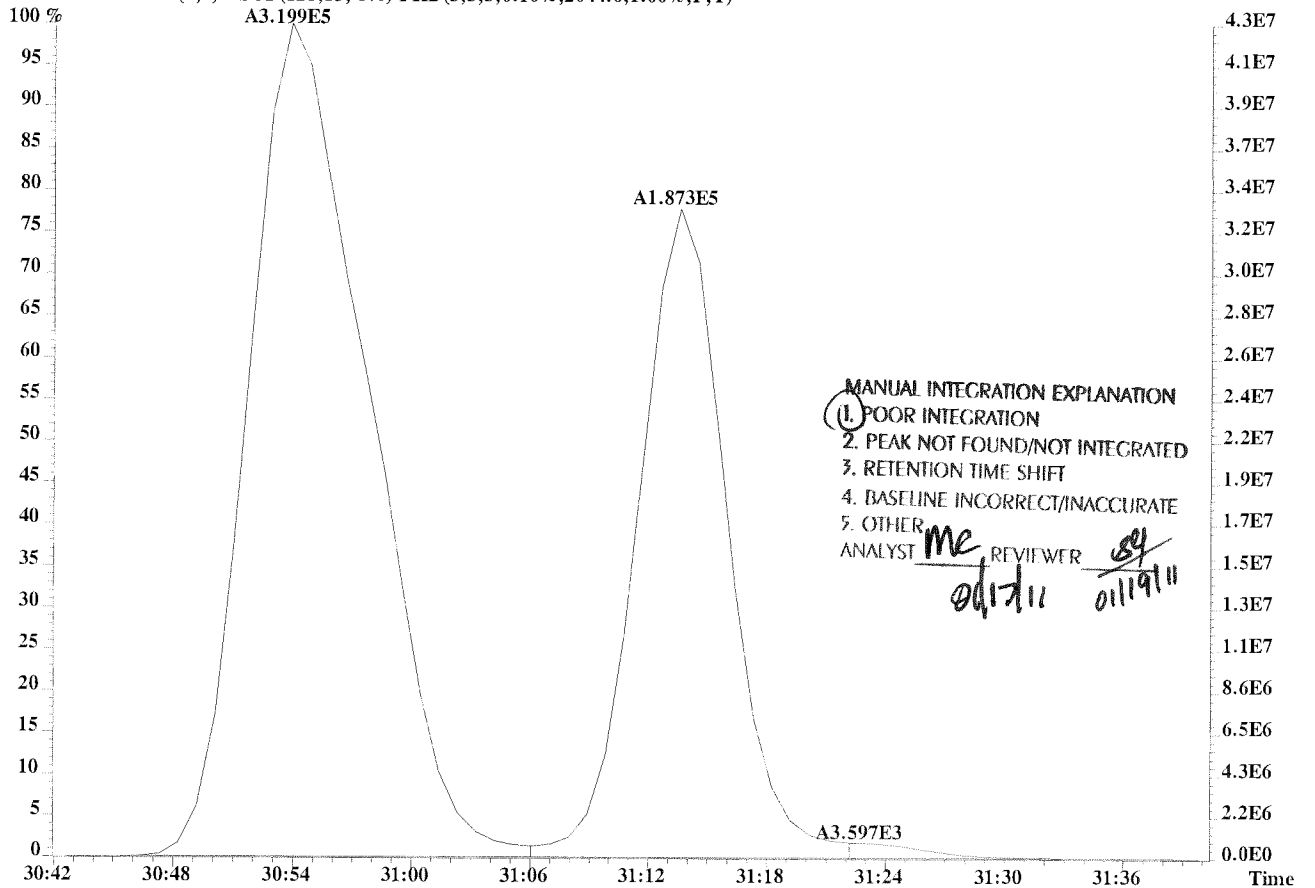
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2044.0,1.00%,F,T)
 100 %



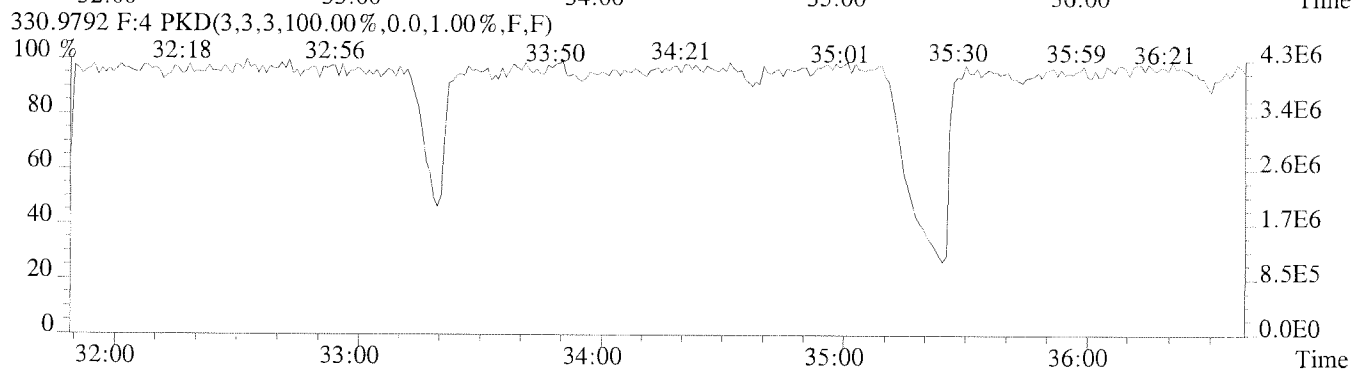
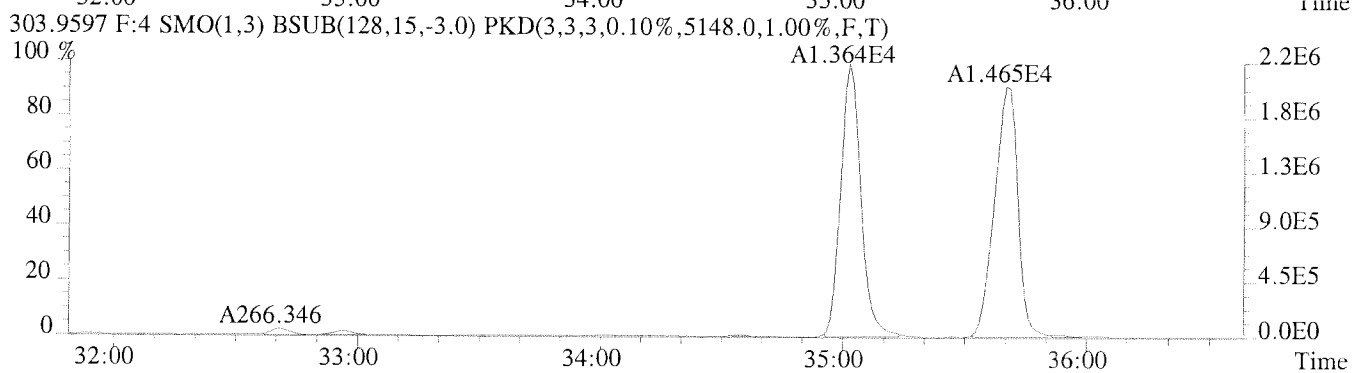
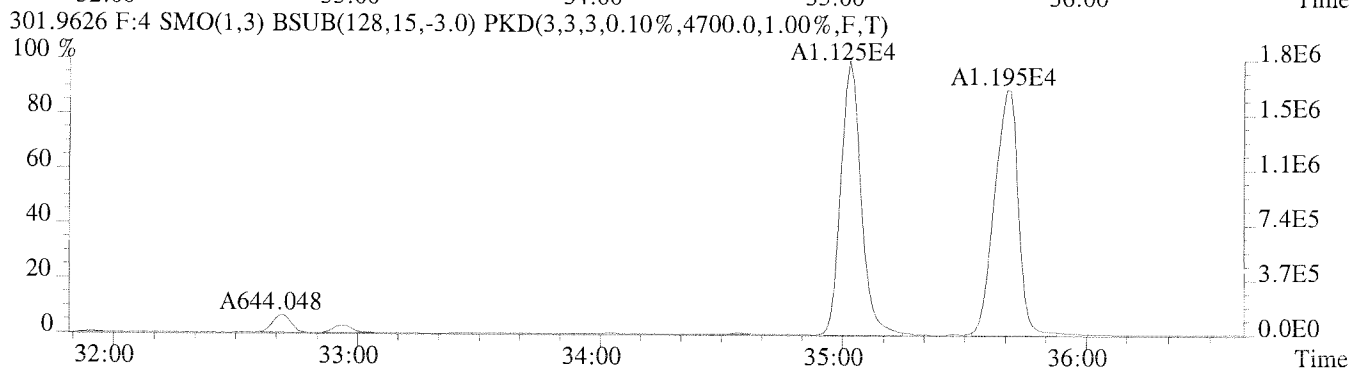
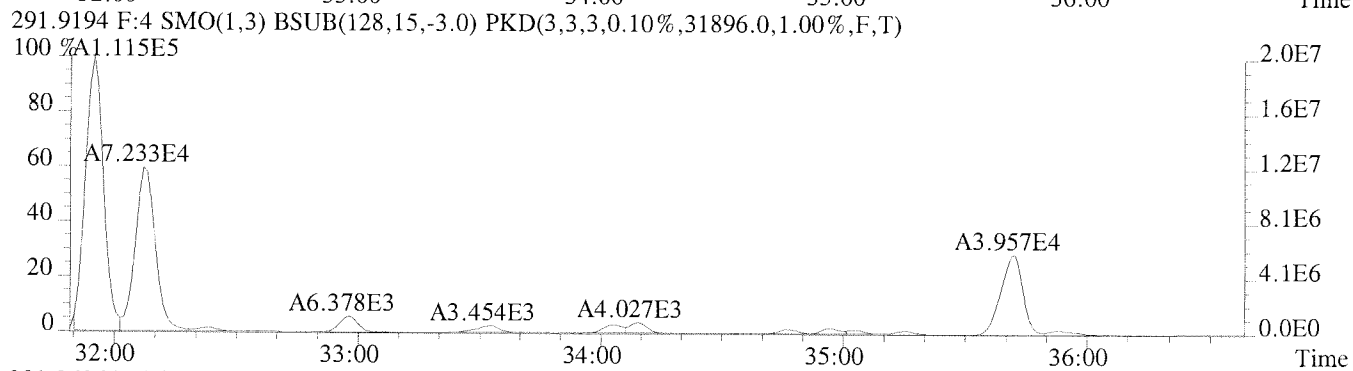
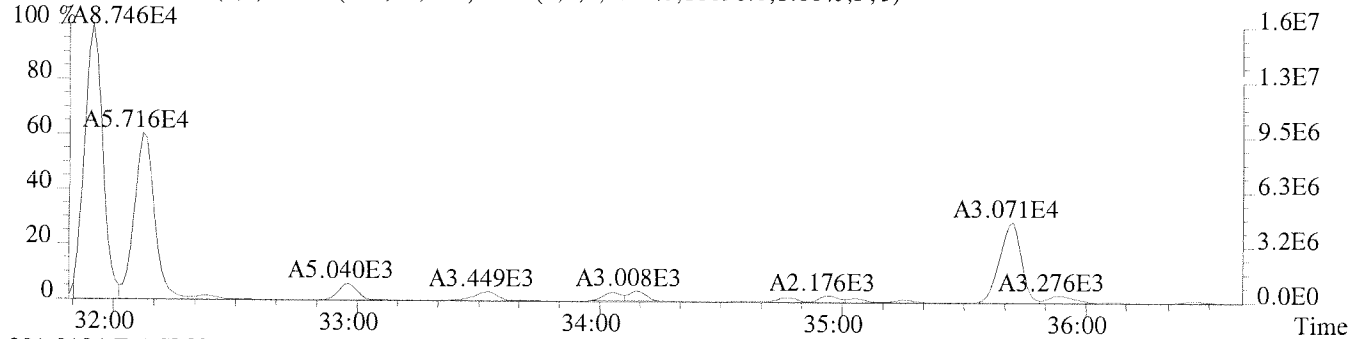
File:U224763 #1-594 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-011 USENE/W091
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1628.0,1.00%,F,T)
 100 %



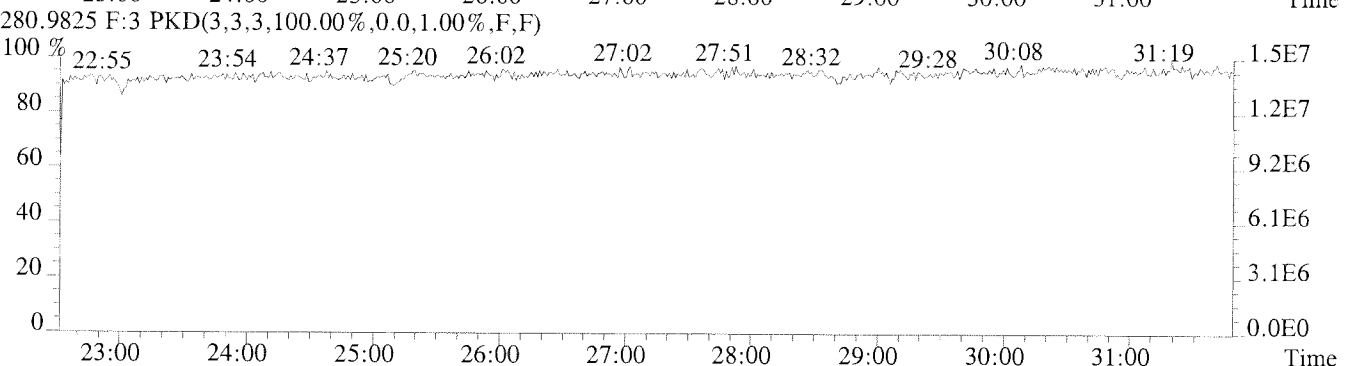
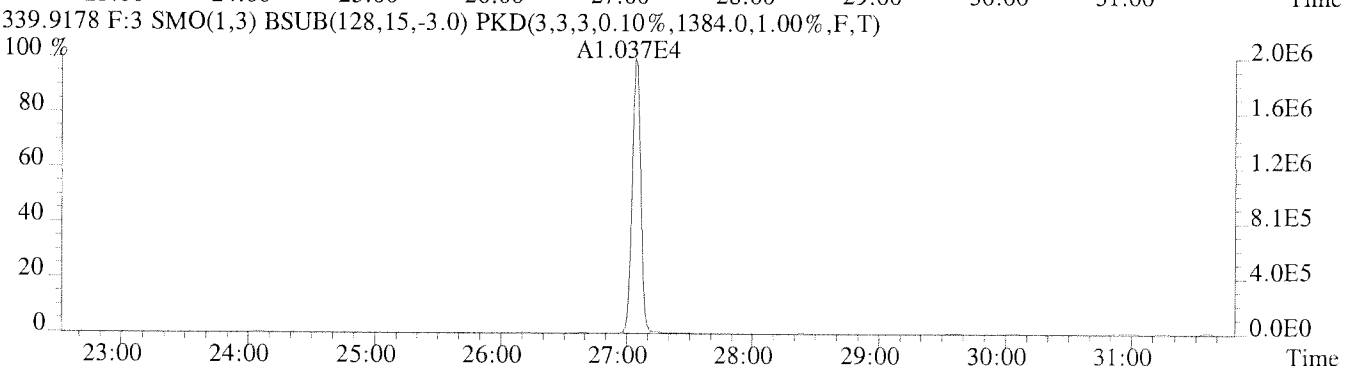
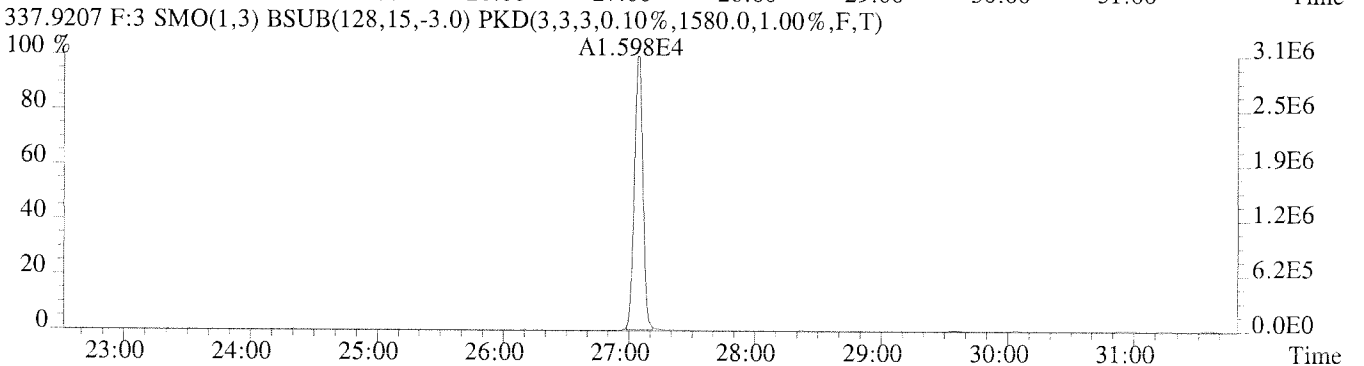
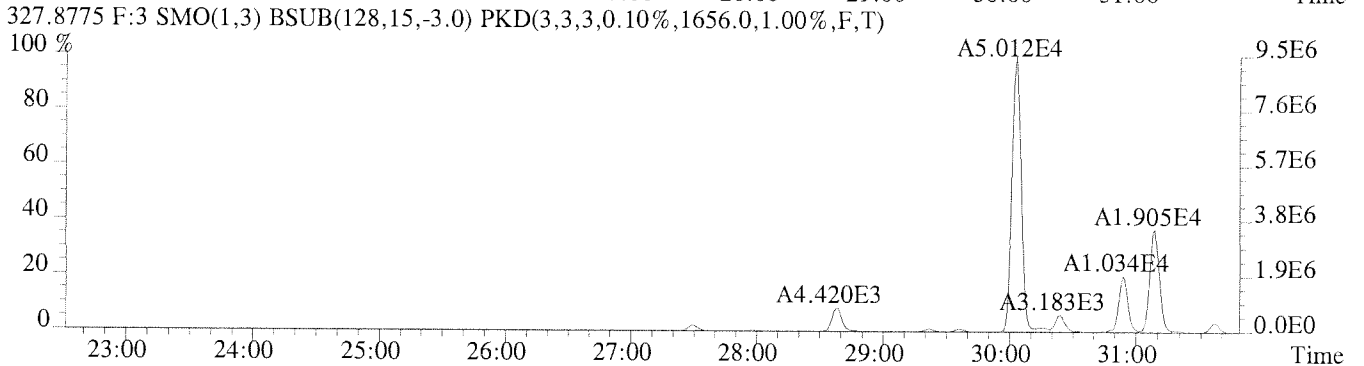
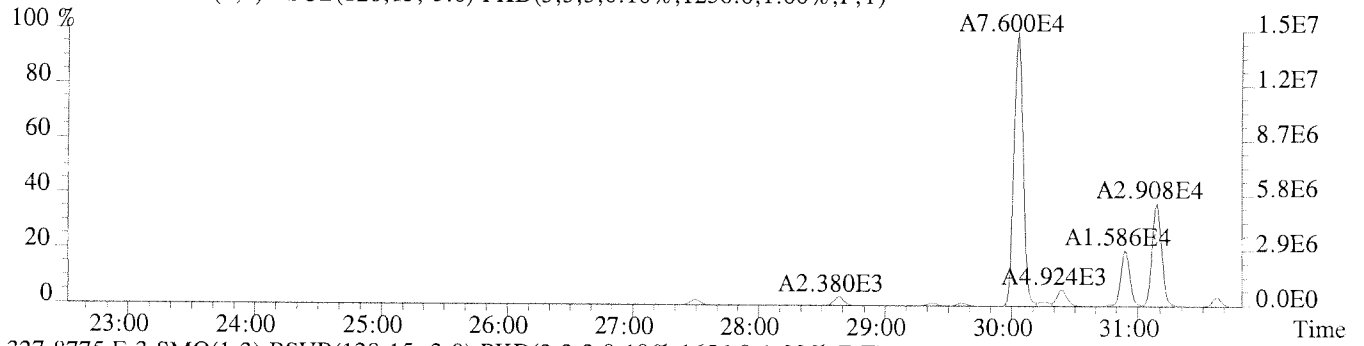
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2044.0,1.00%,F,T)



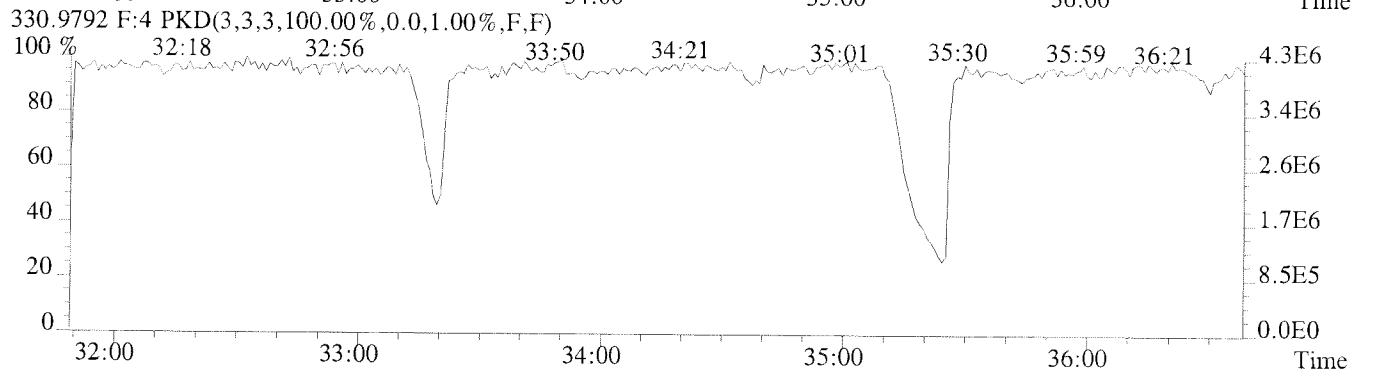
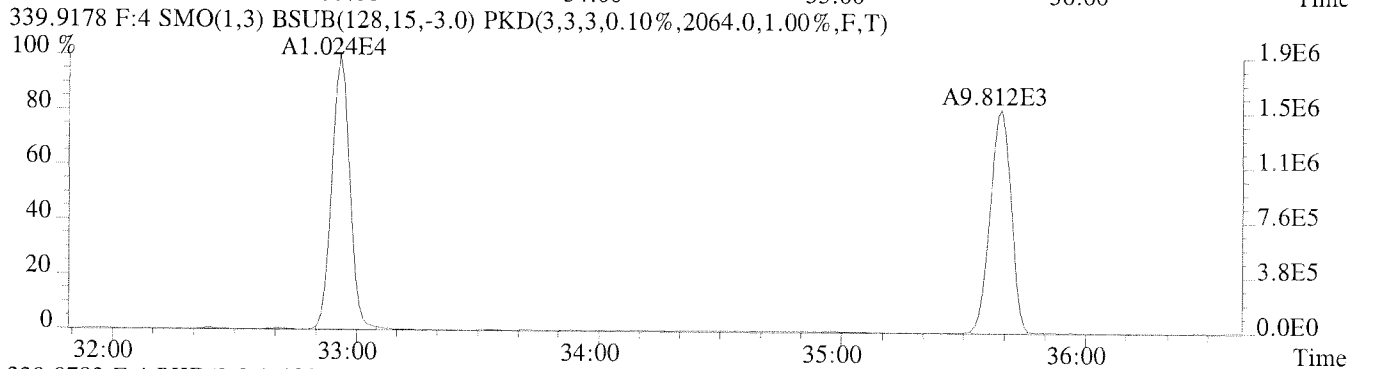
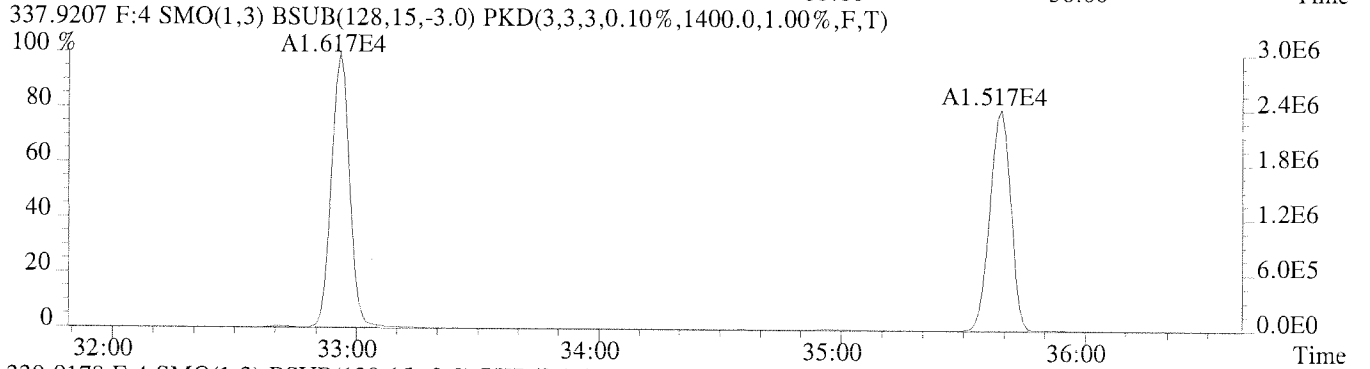
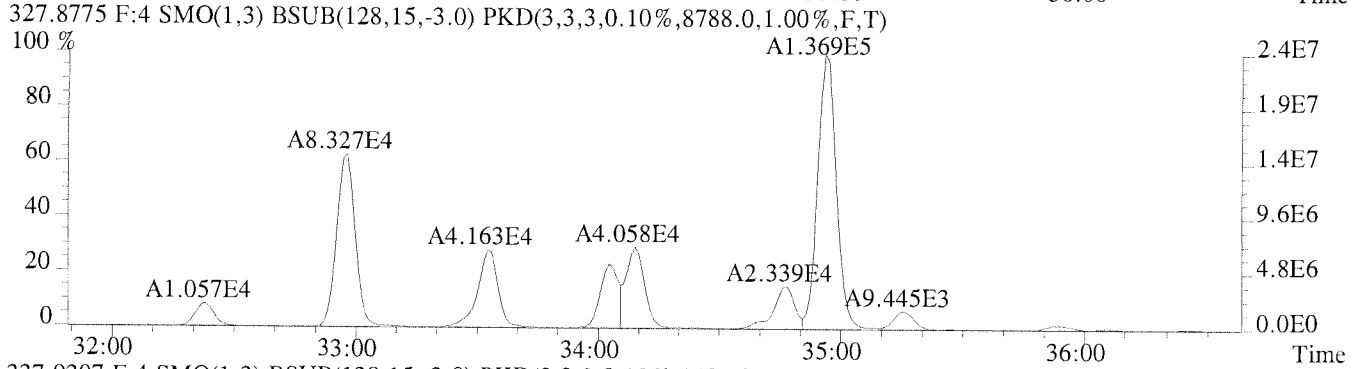
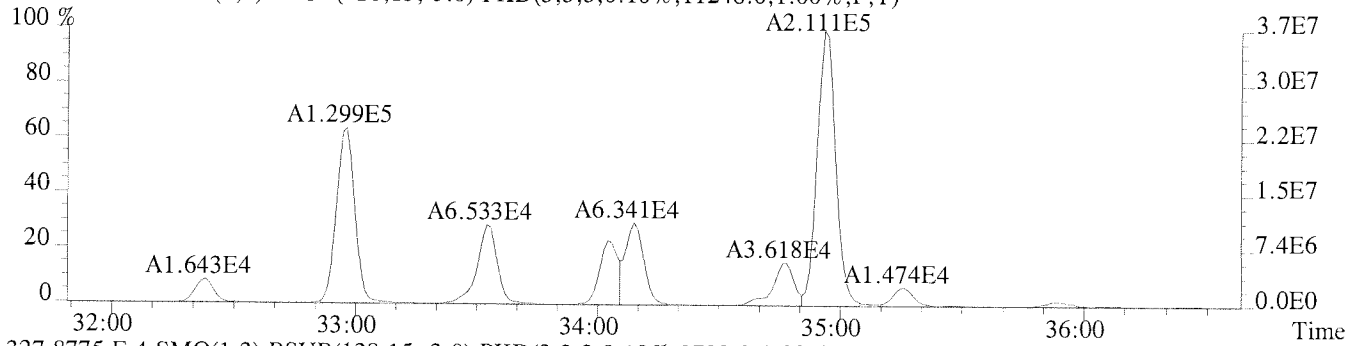
File:U224763 #1-309 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,18096.0,1.00%,F,T)
100 %A8.746E4



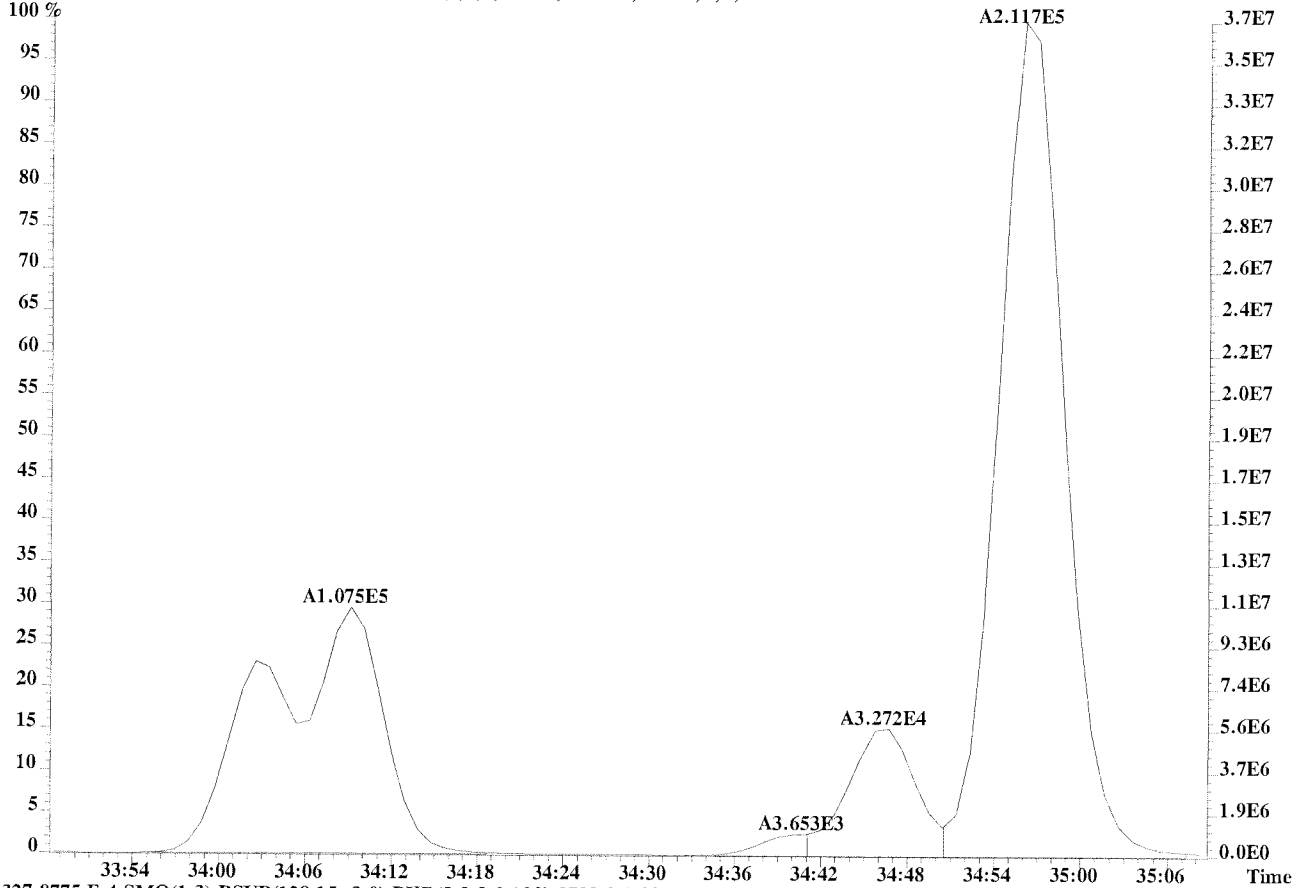
File:U224763 #1-594 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1236.0,1.00%,F,T)



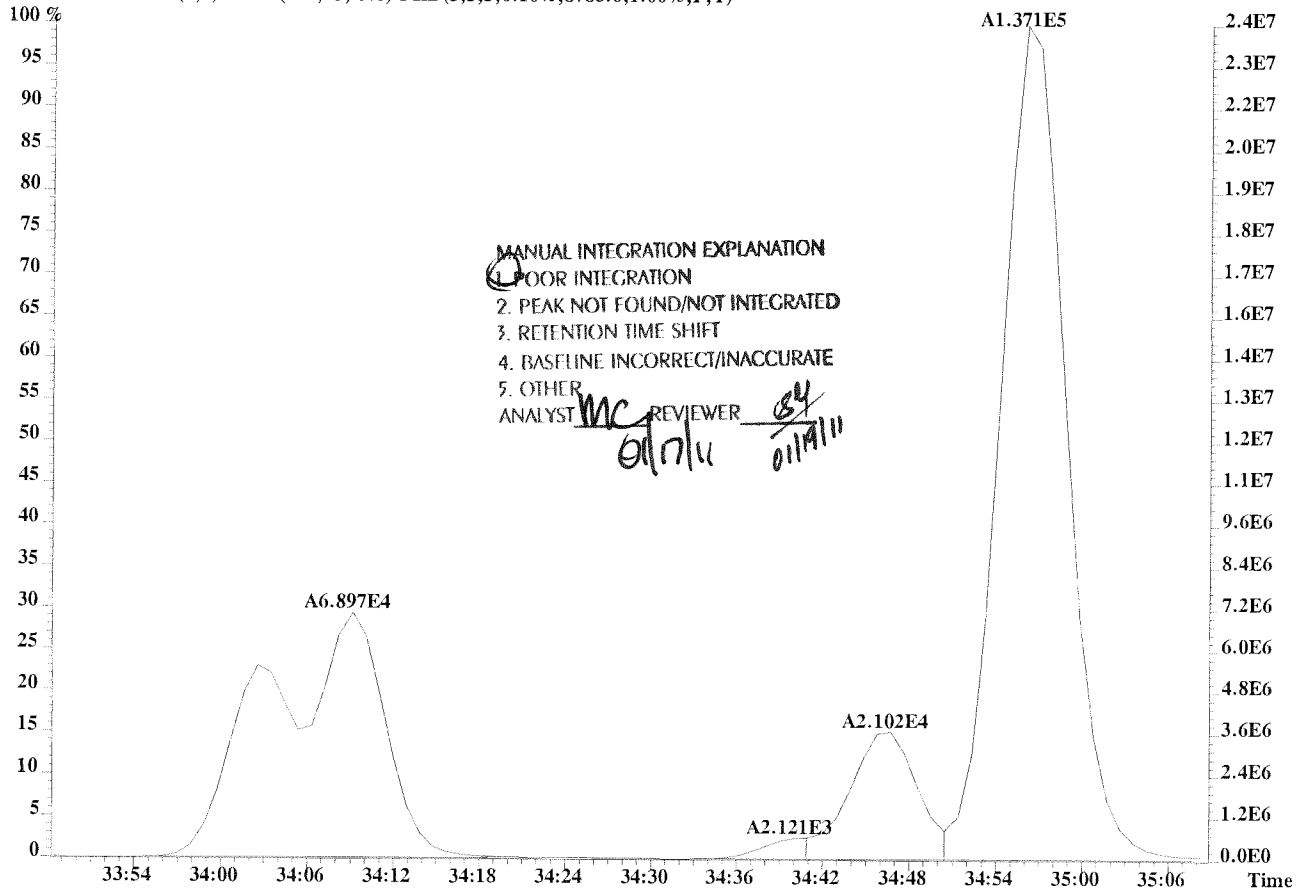
File:U224763 #1-309 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11248.0,1.00%,F,T)



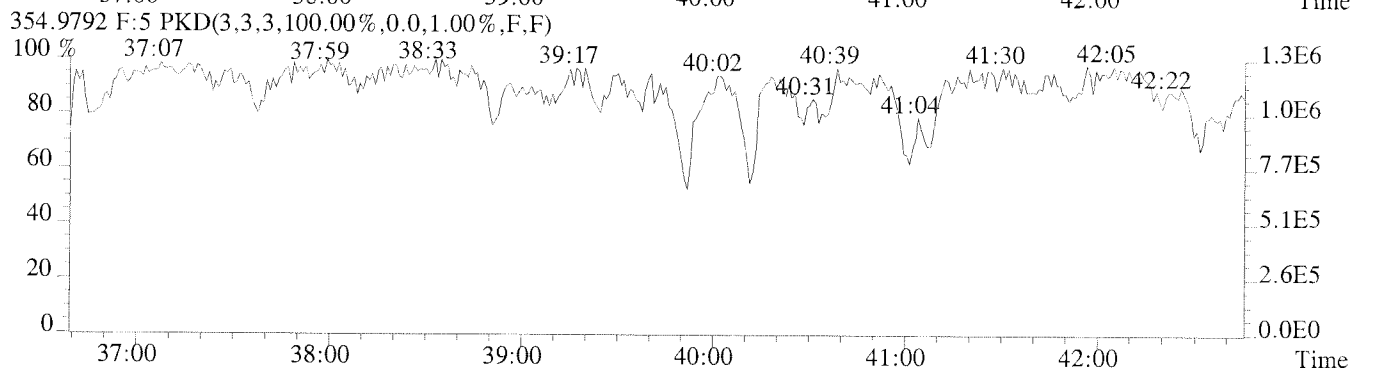
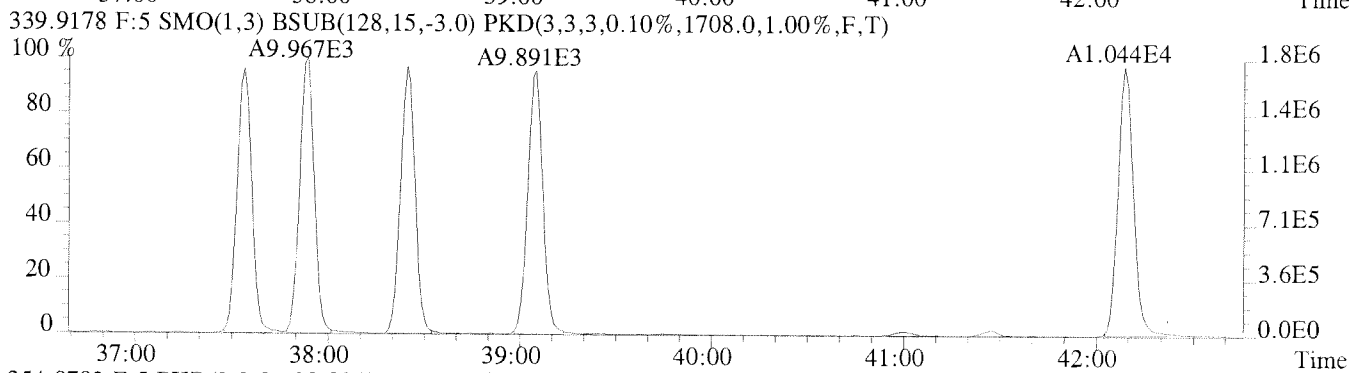
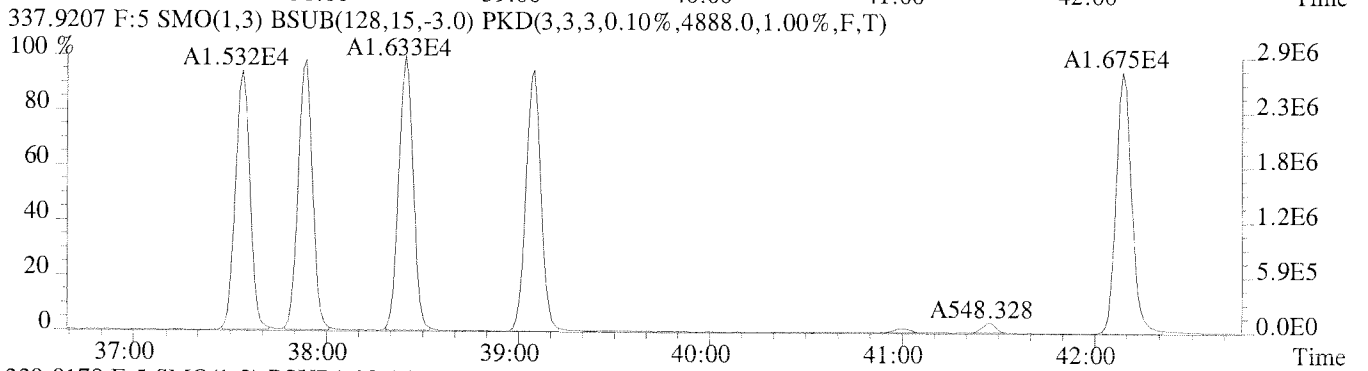
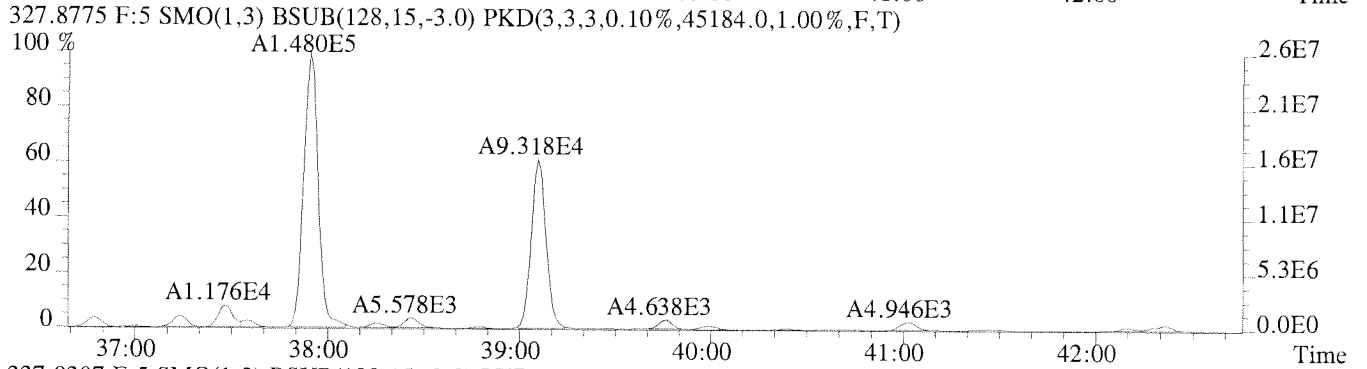
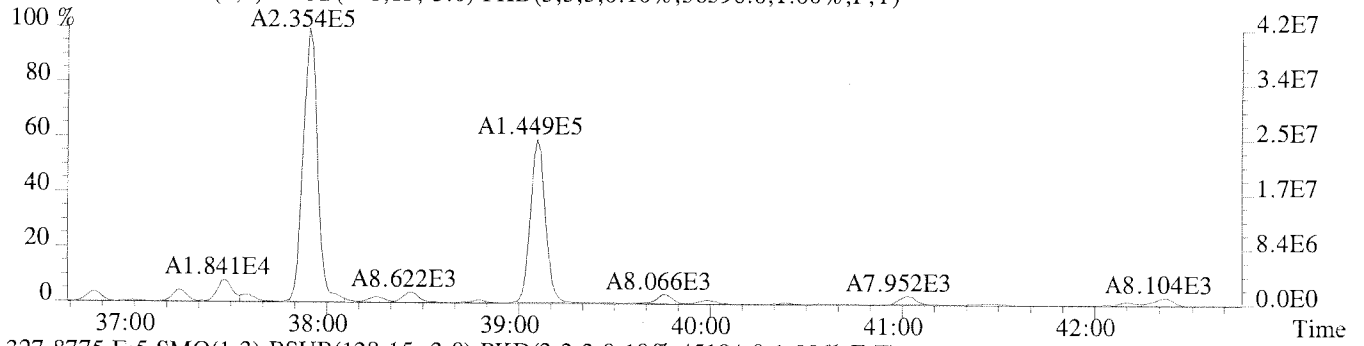
File:U224763 #1-309 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-011 USENE/W091
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11248.0,1.00%,F,T)



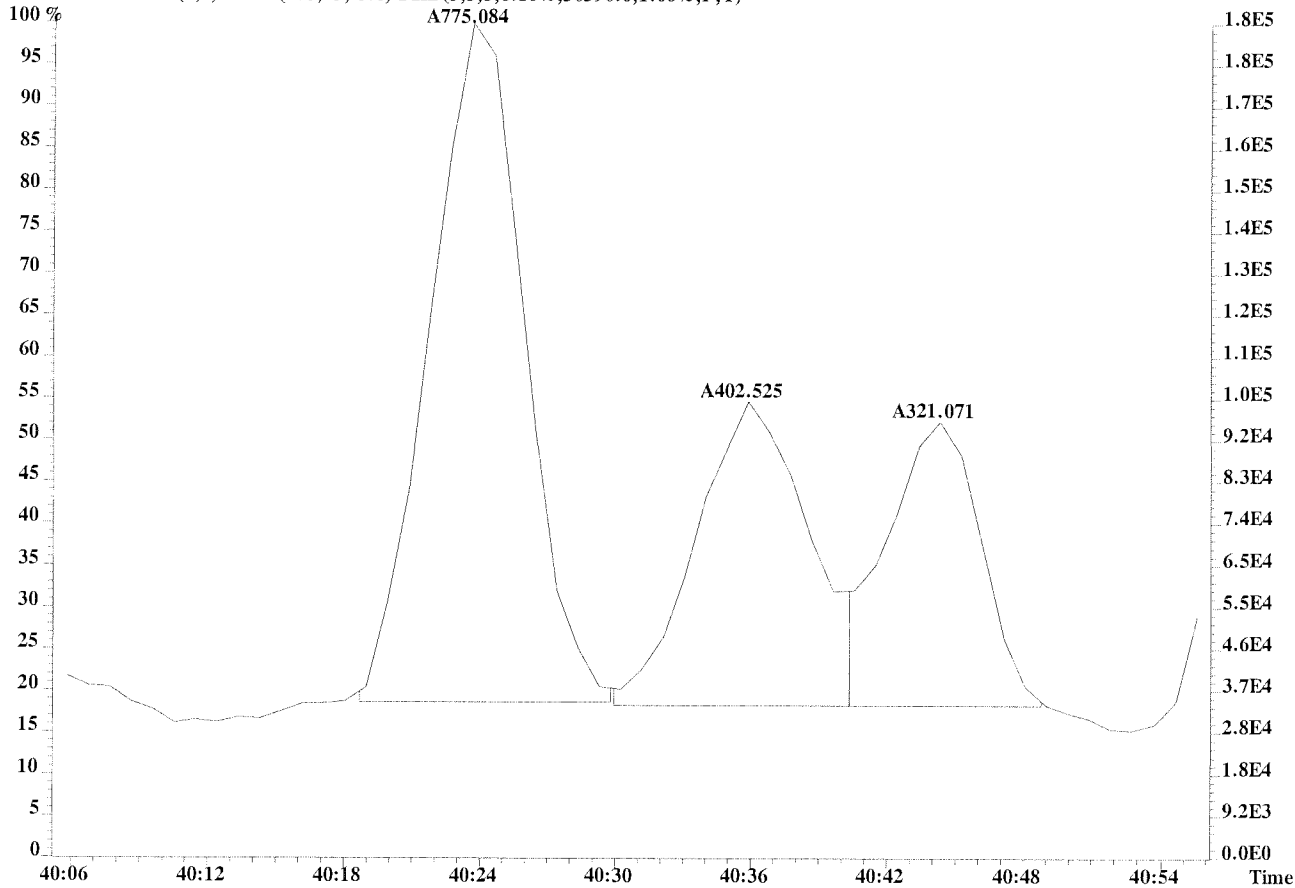
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8788.0,1.00%,F,T)



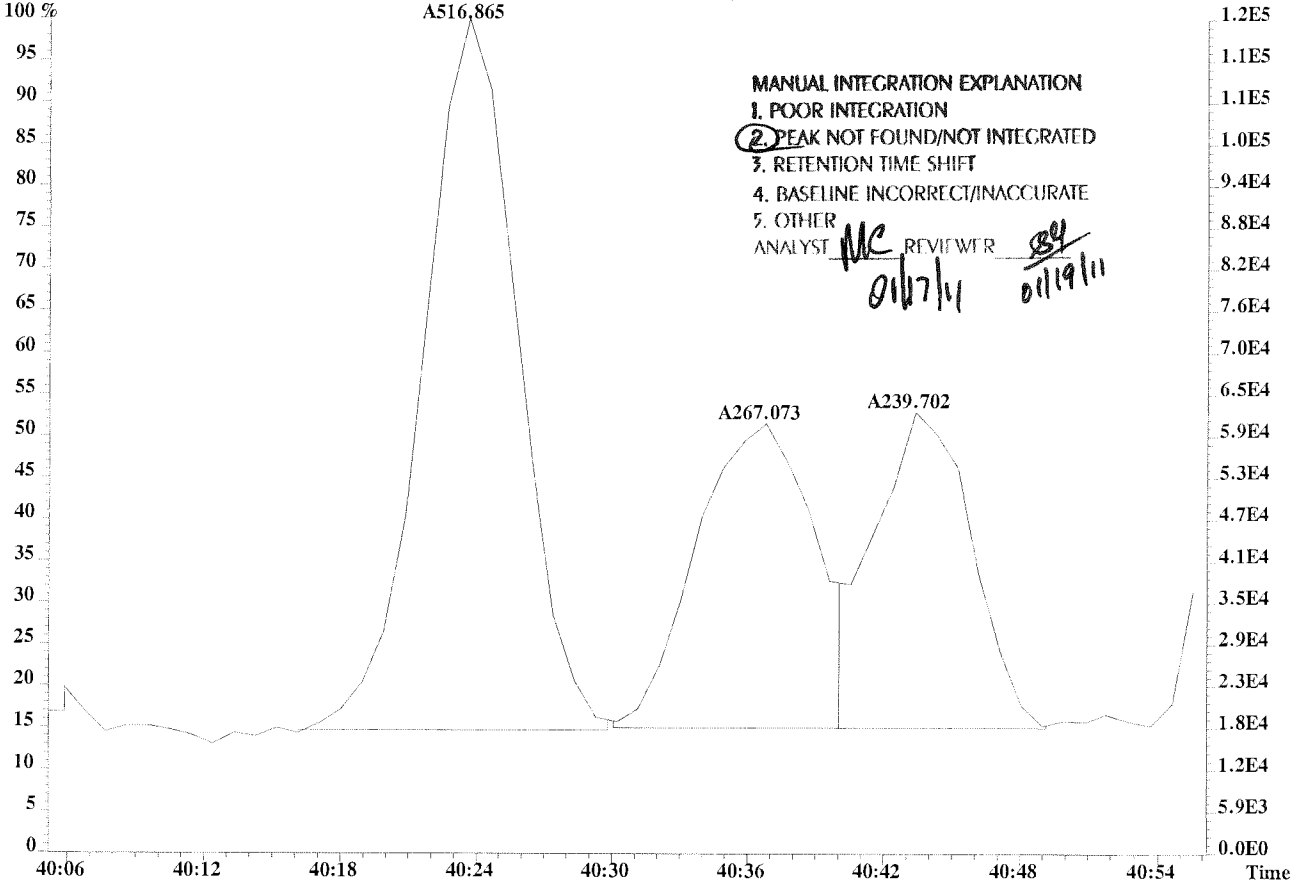
File:U224763 #1-391 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,56596.0,1.00%,F,T)

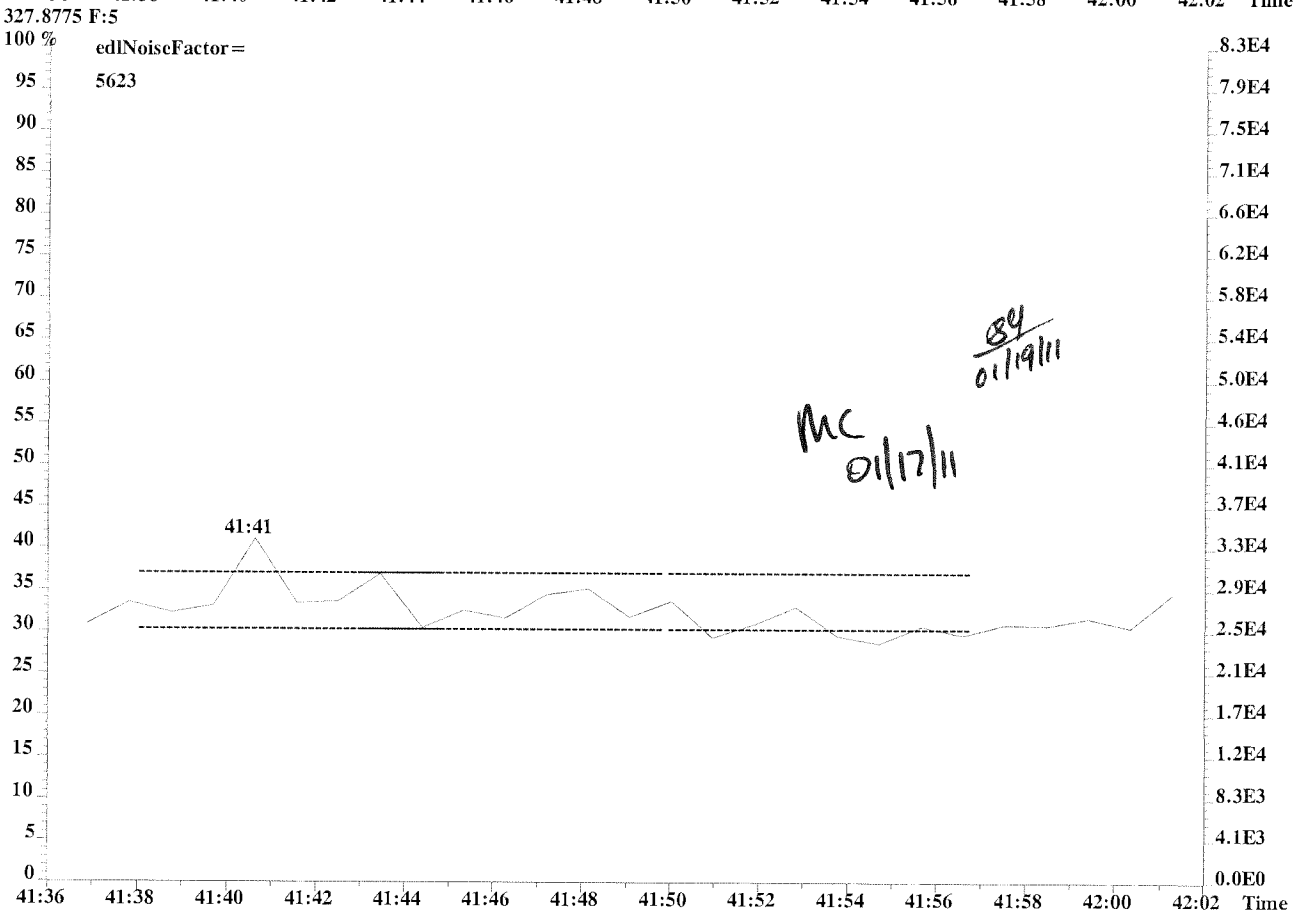
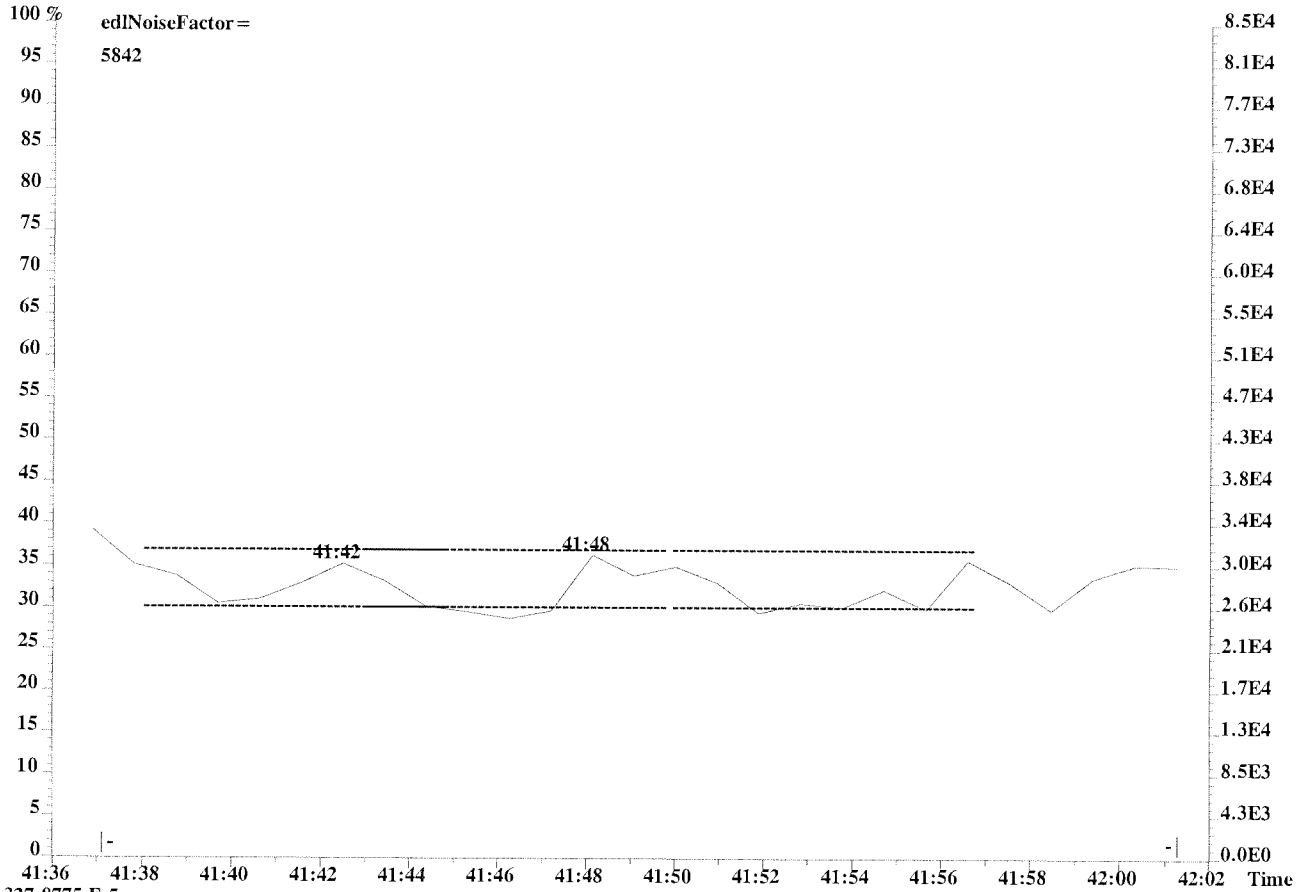


File:U224763 #1-391 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-011 USENE/W091
 325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,56596.0,1.00%,F,T)

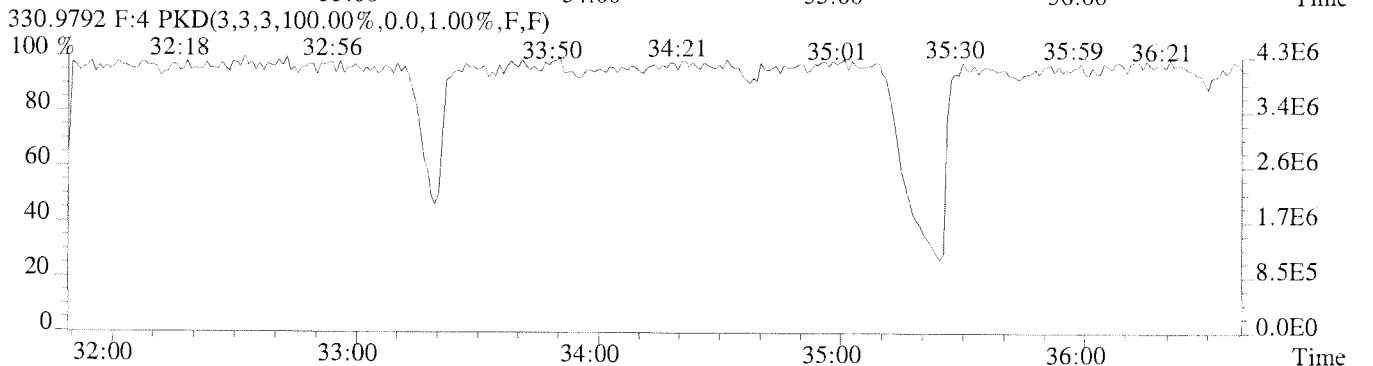
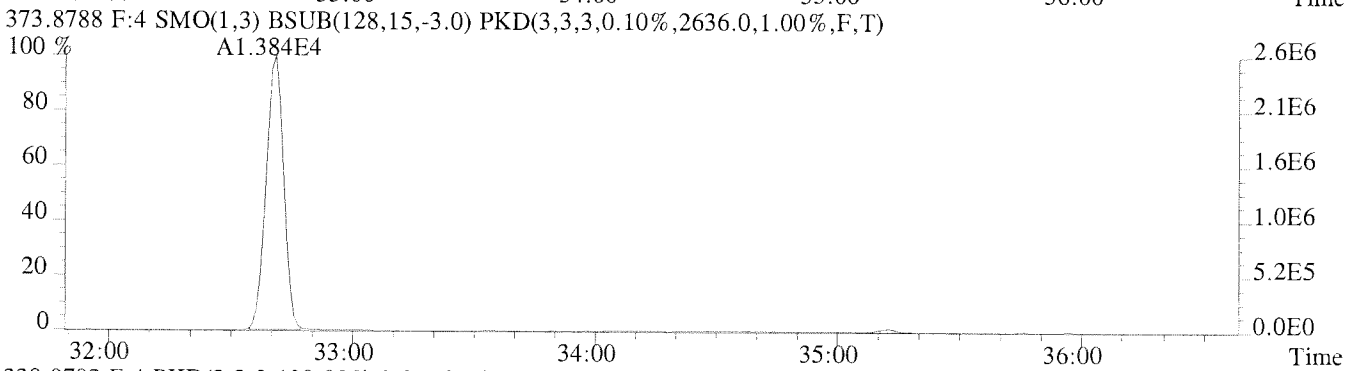
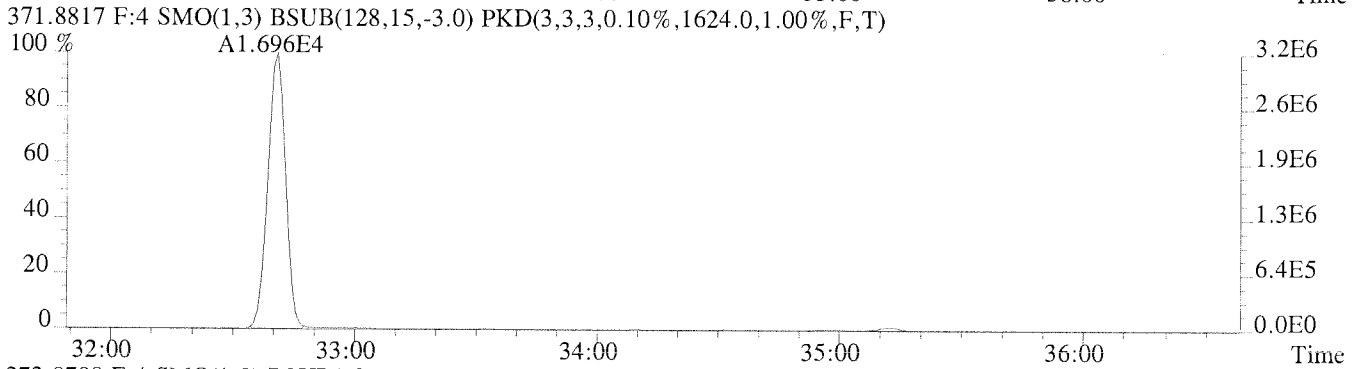
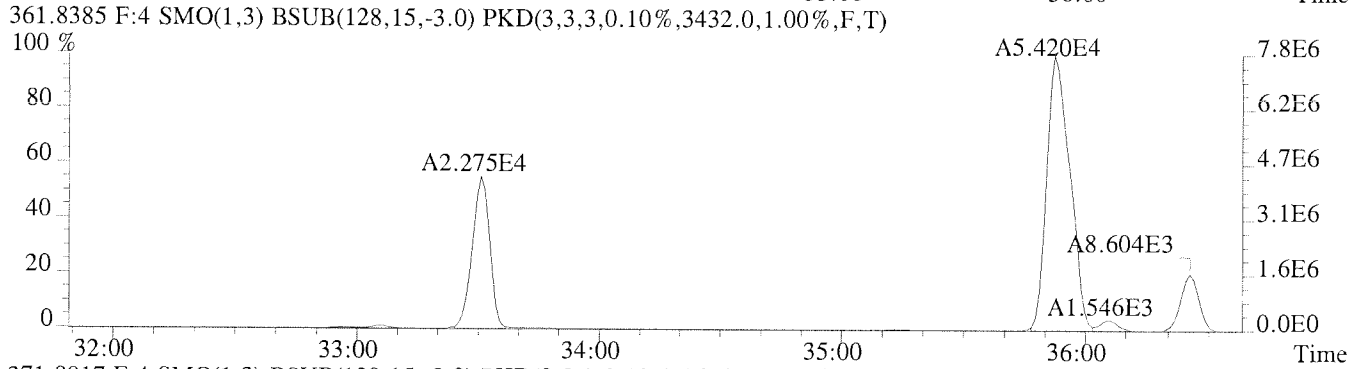
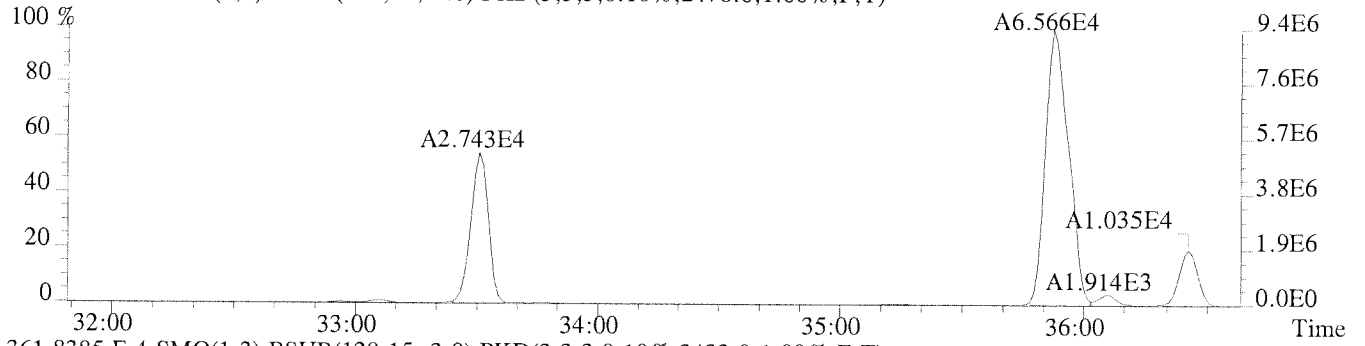


327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,45184.0,1.00%,F,T)

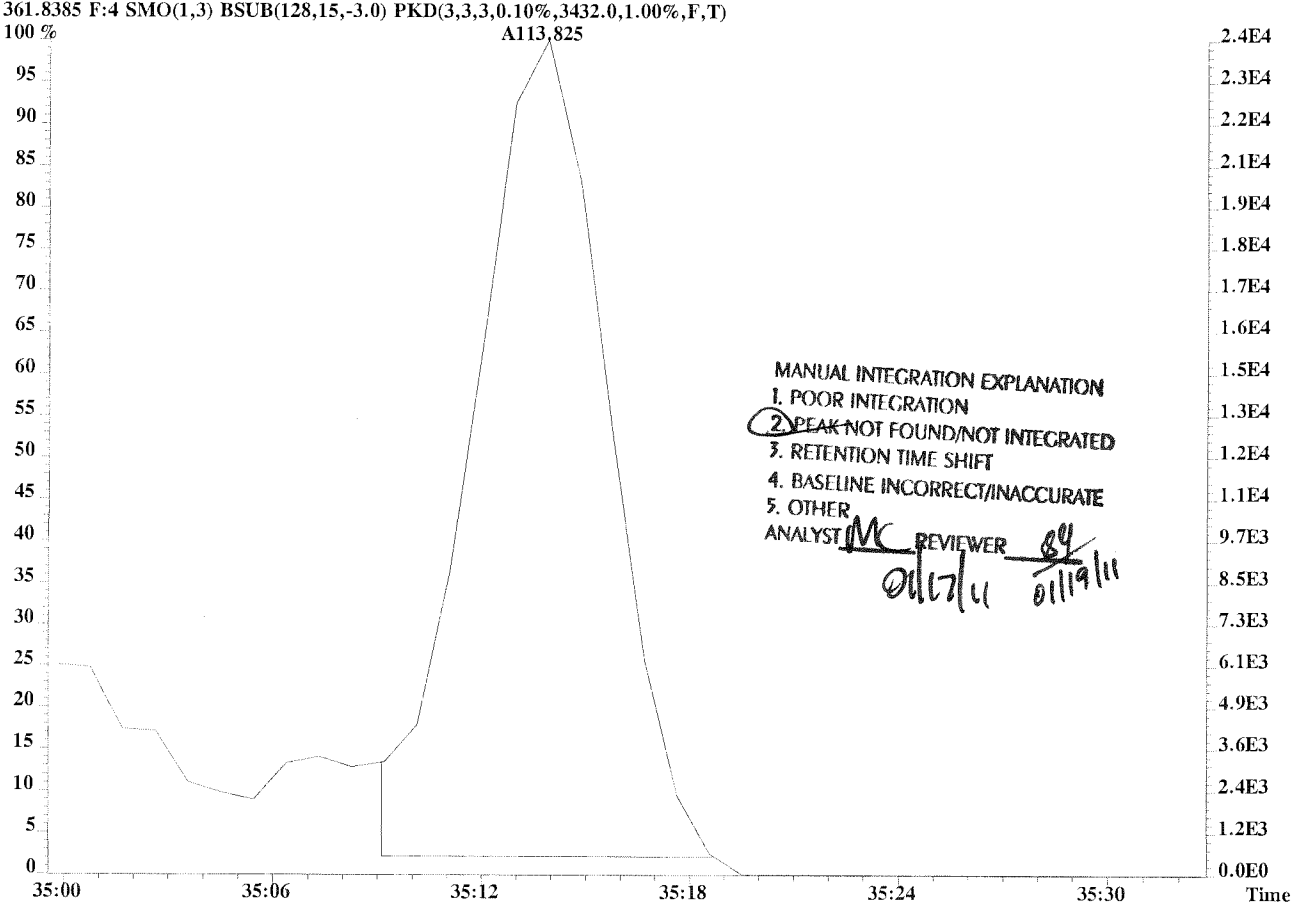
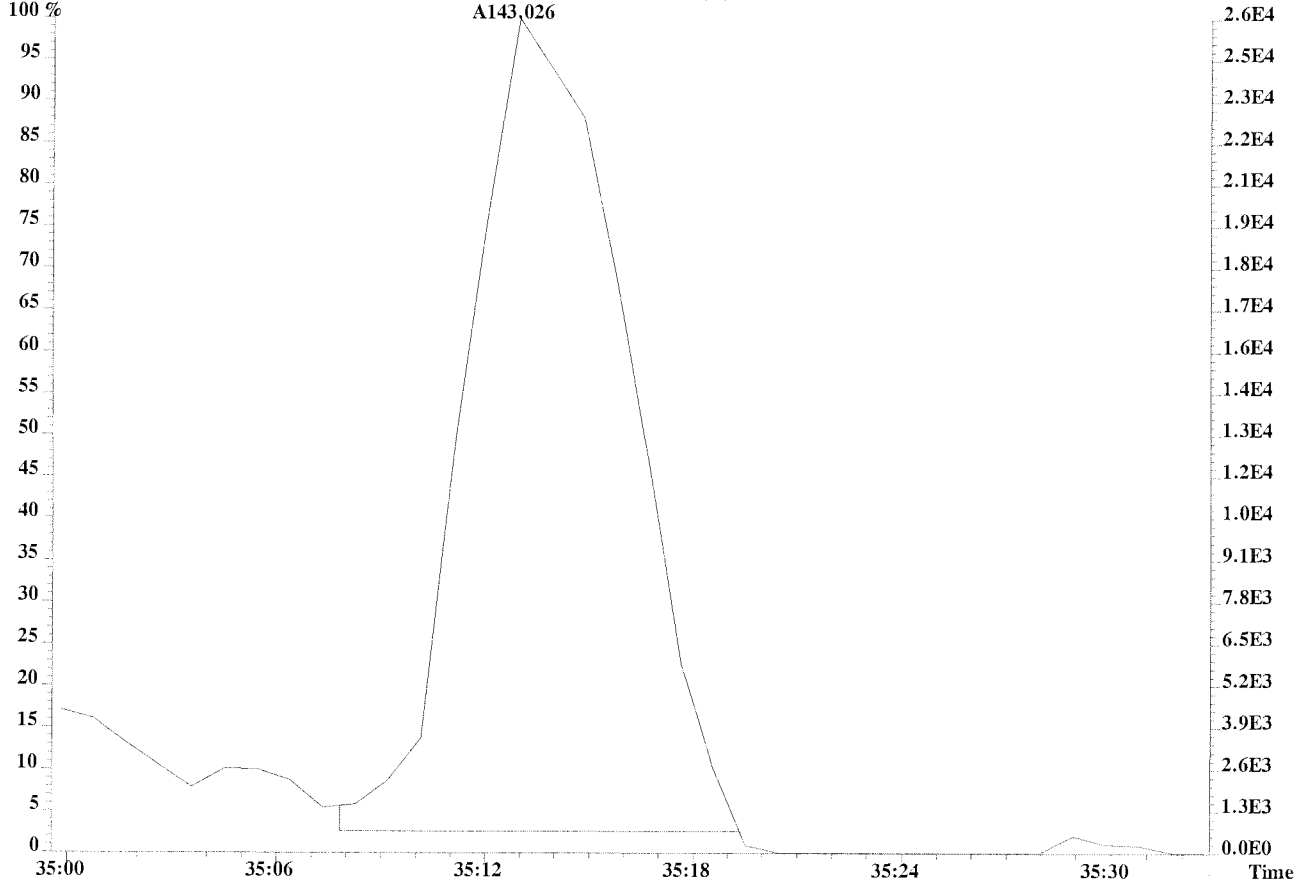




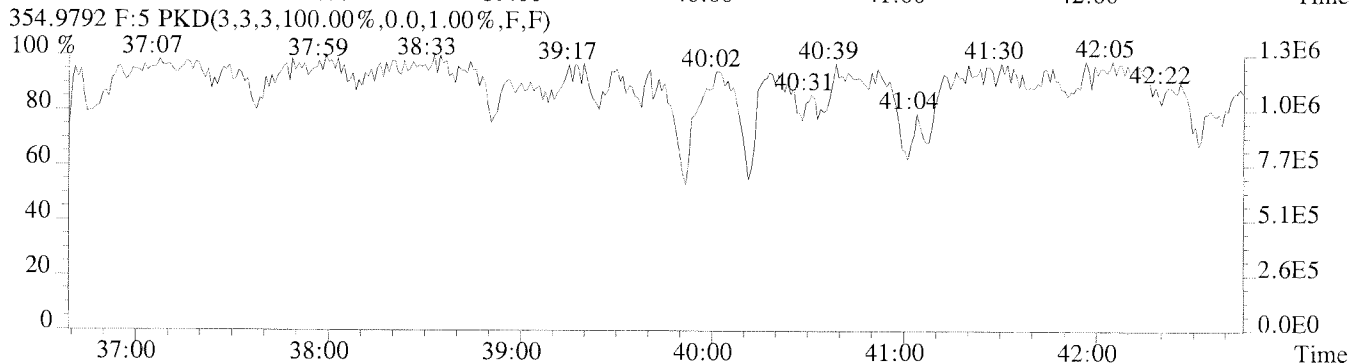
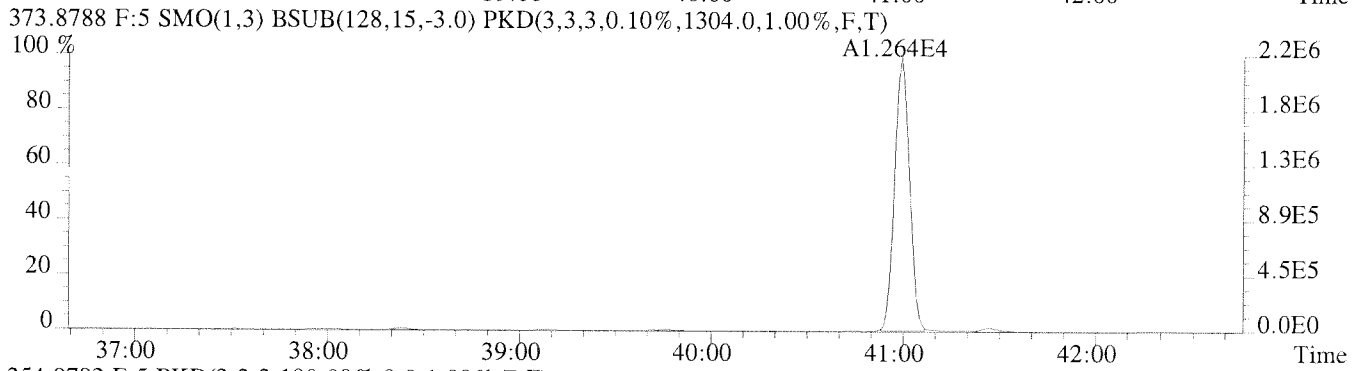
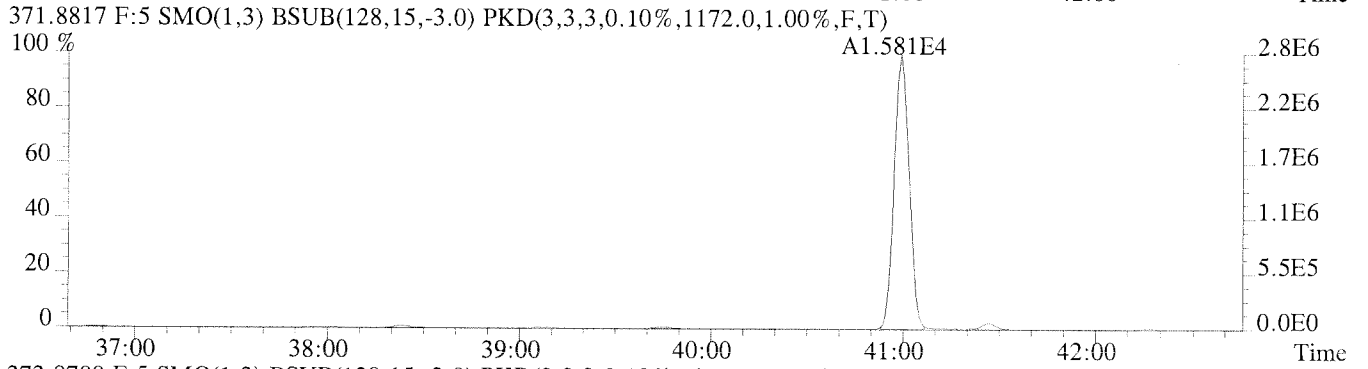
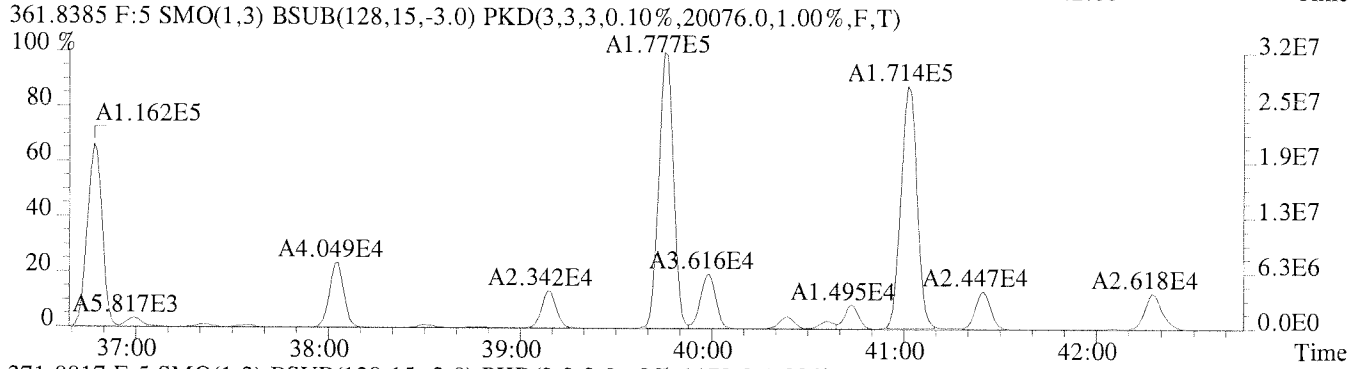
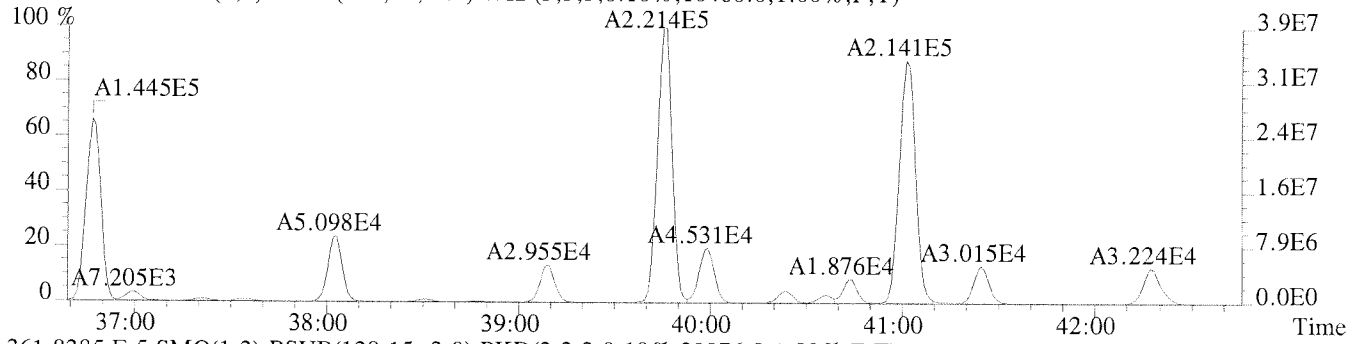
File:U224763 #1-309 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2476.0,1.00%,F,T)



File:U224763 #1-309 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-011 USENE/W091
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2476.0,1.00%,F,T)



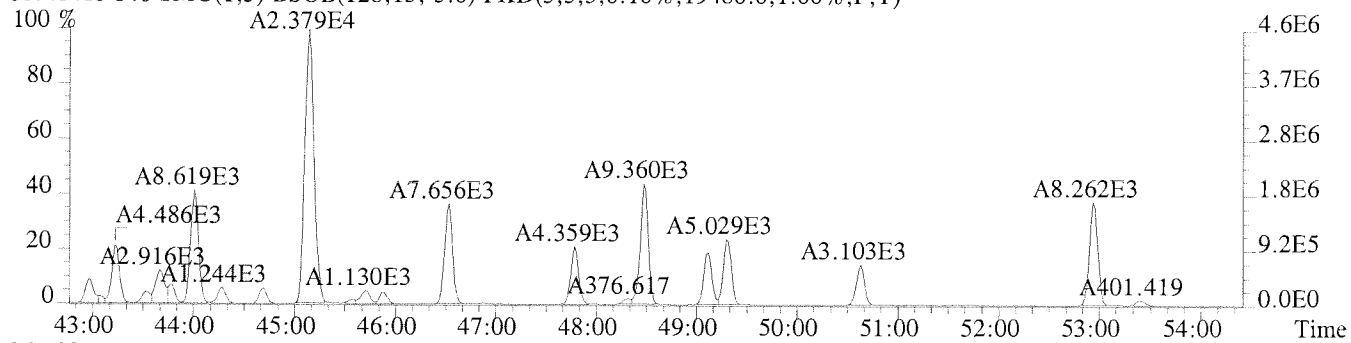
File:U224763 #1-391 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10480.0,1.00%,F,T)



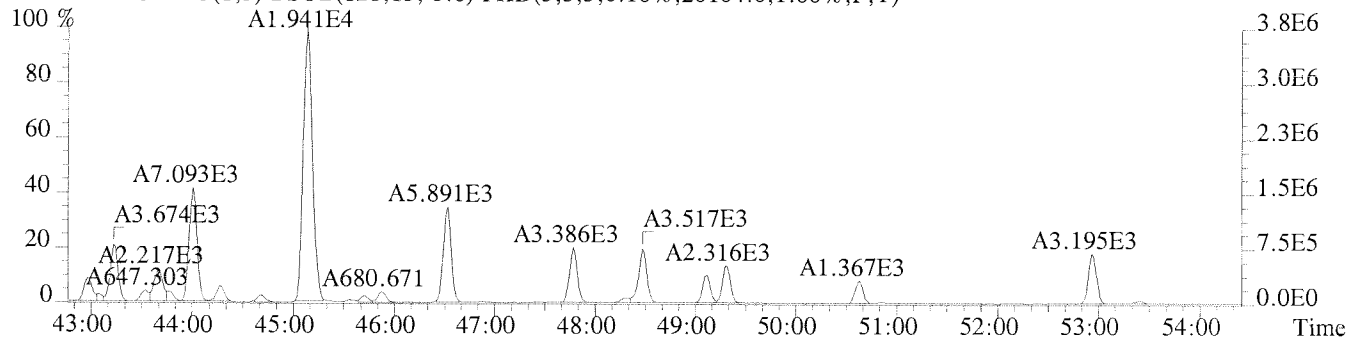
File:U224763 #1-577 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-011 USENE/W091

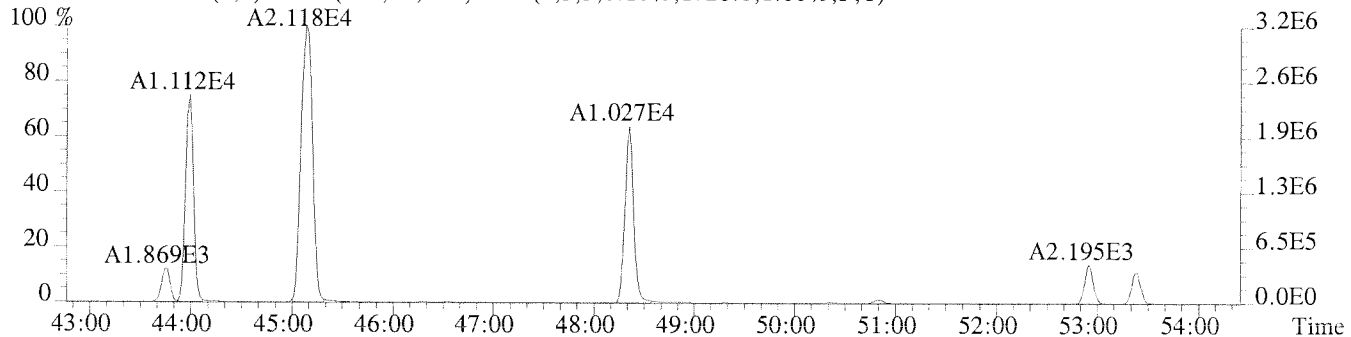
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,19480.0,1.00%,F,T)



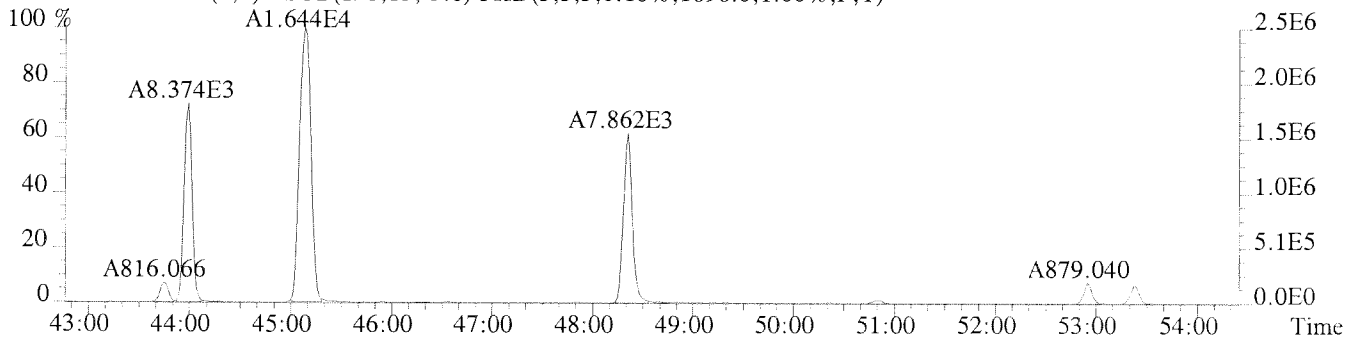
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,20104.0,1.00%,F,T)



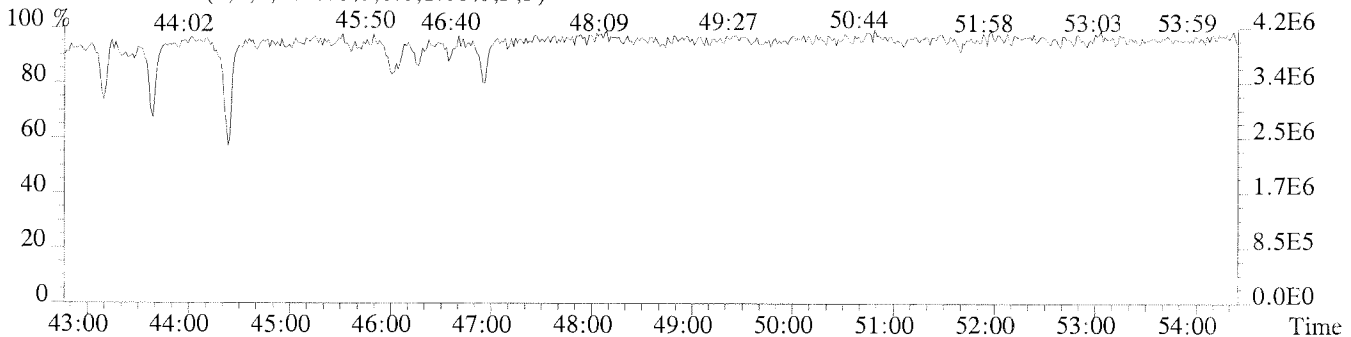
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1720.0,1.00%,F,T)

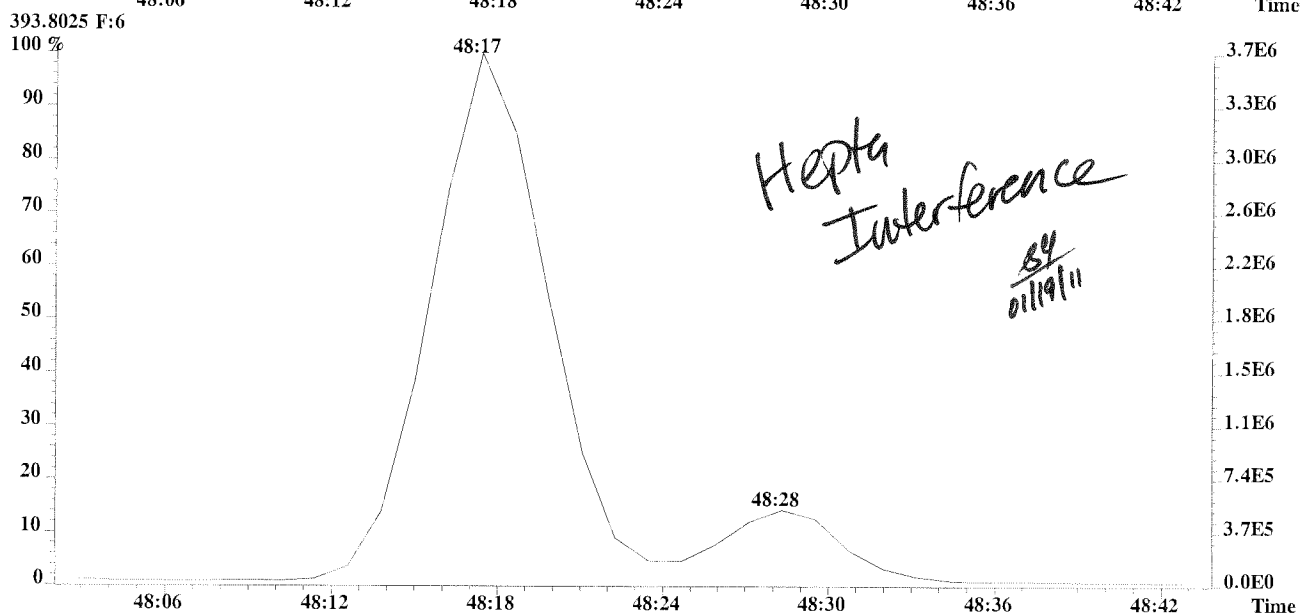
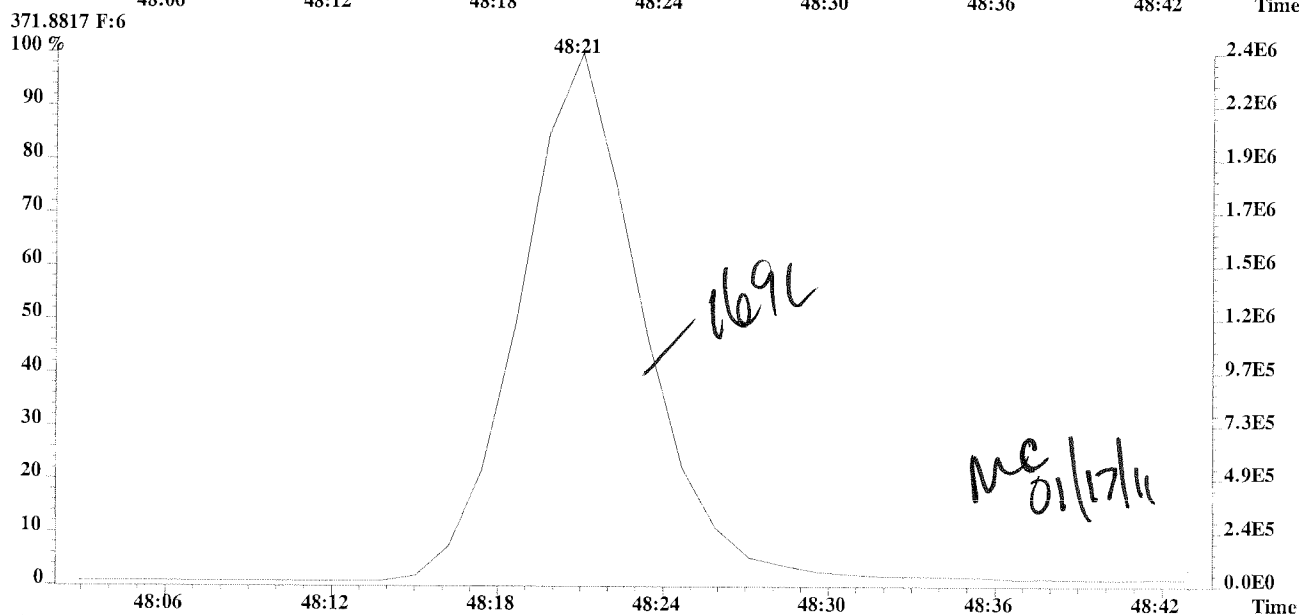
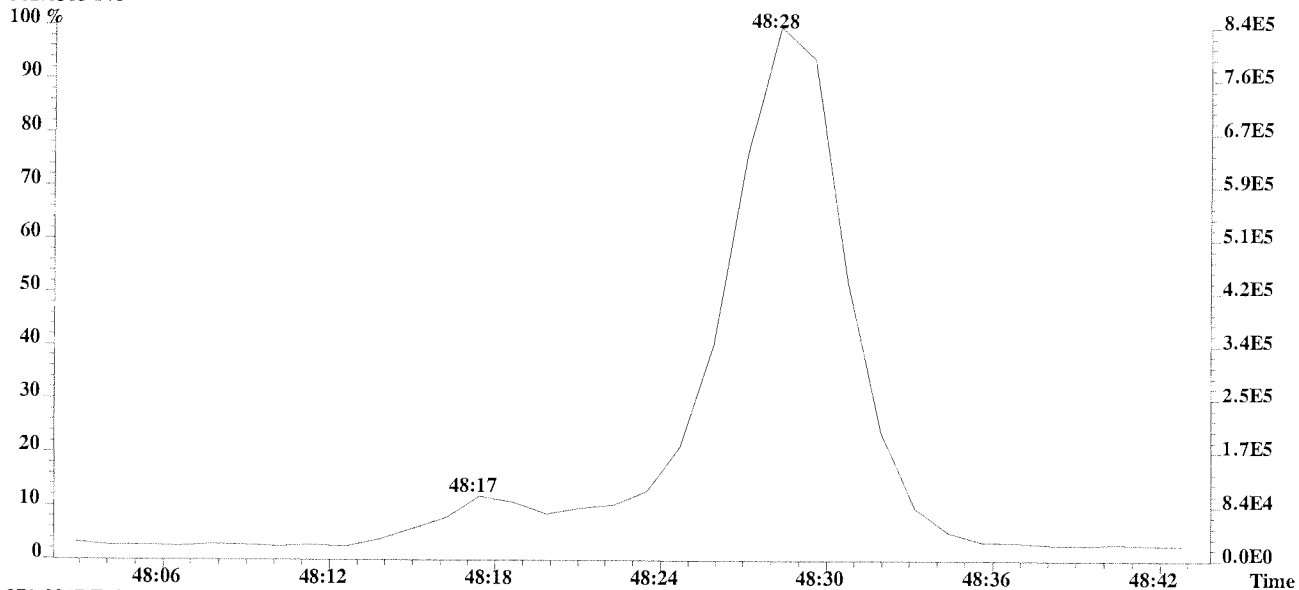


373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1696.0,1.00%,F,T)



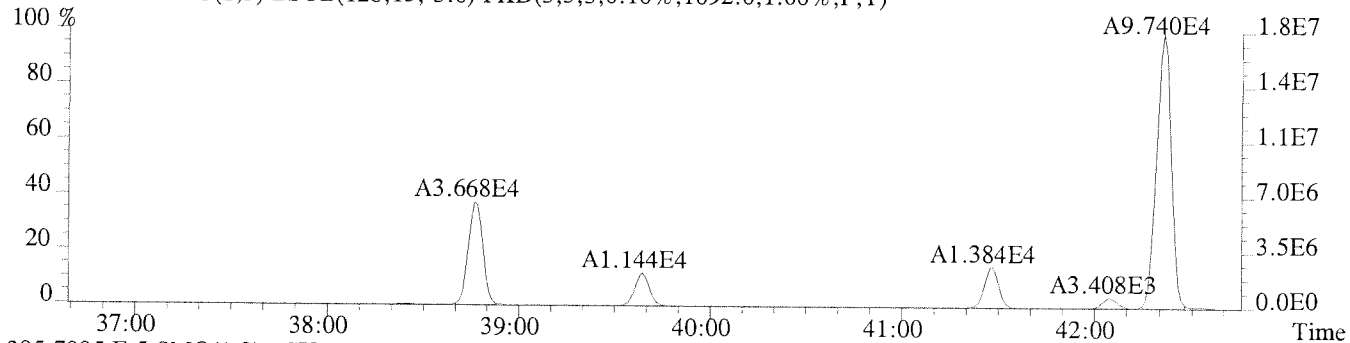
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



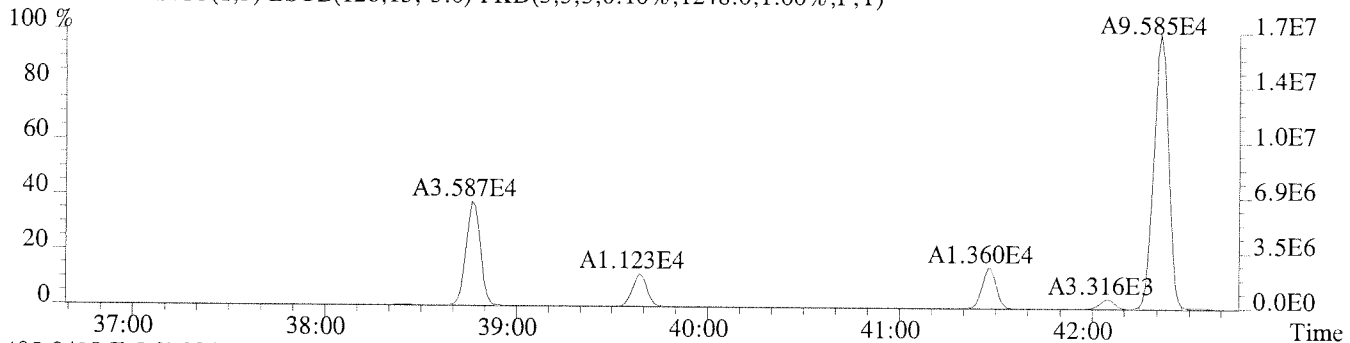


File:U224763 #1-391 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091

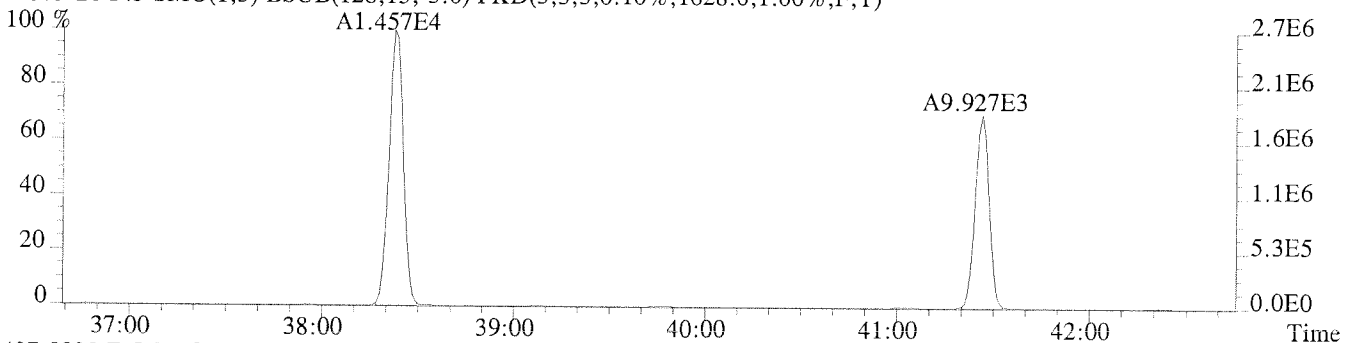
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1092.0,1.00%,F,T)



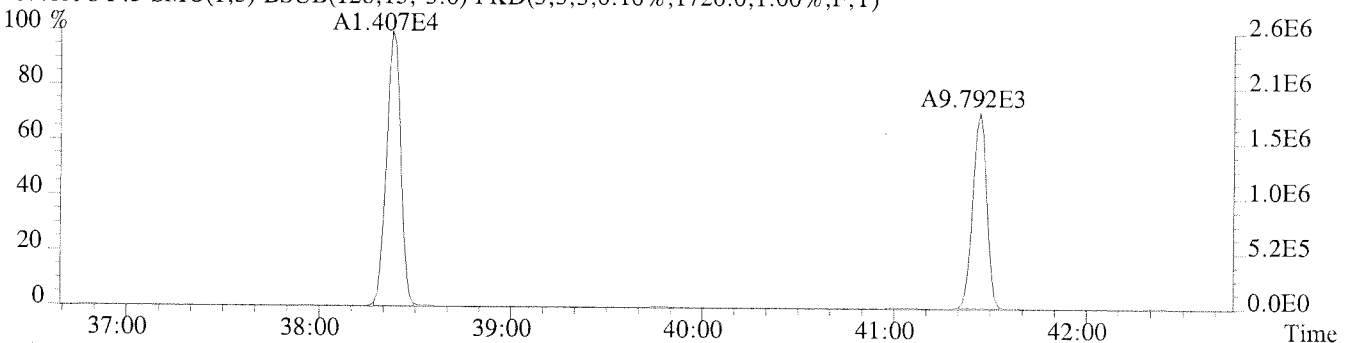
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1248.0,1.00%,F,T)



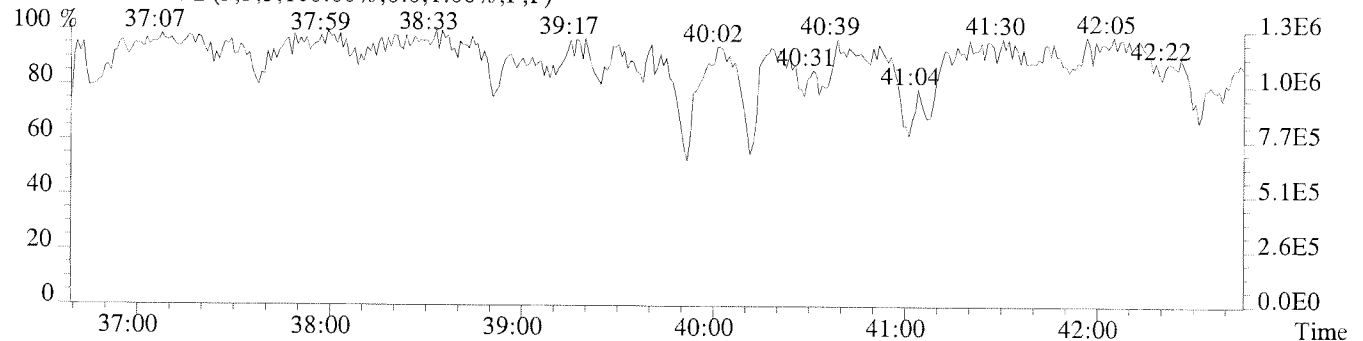
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1628.0,1.00%,F,T)



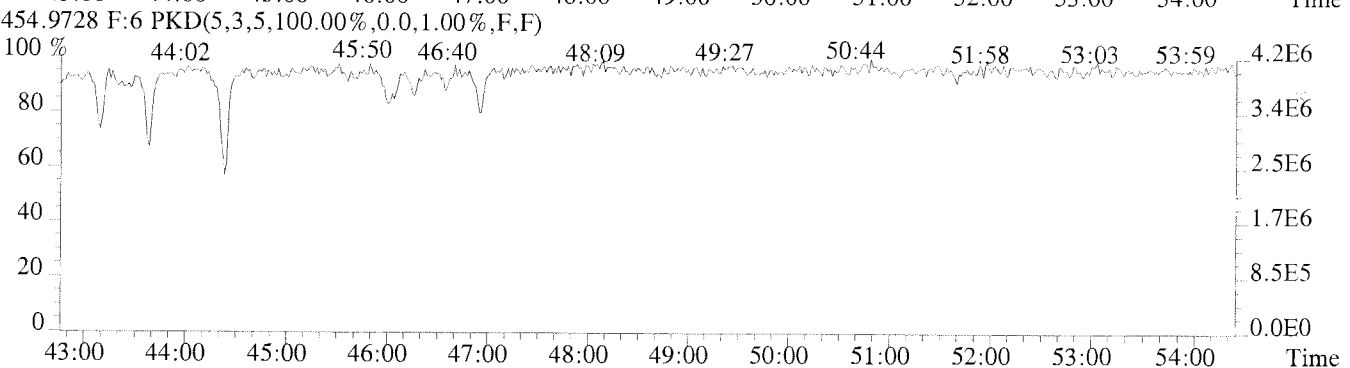
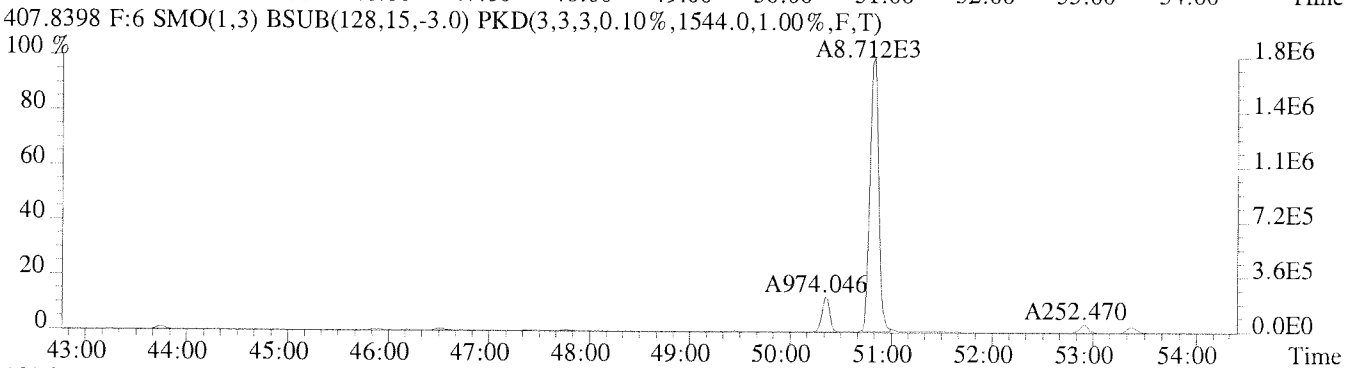
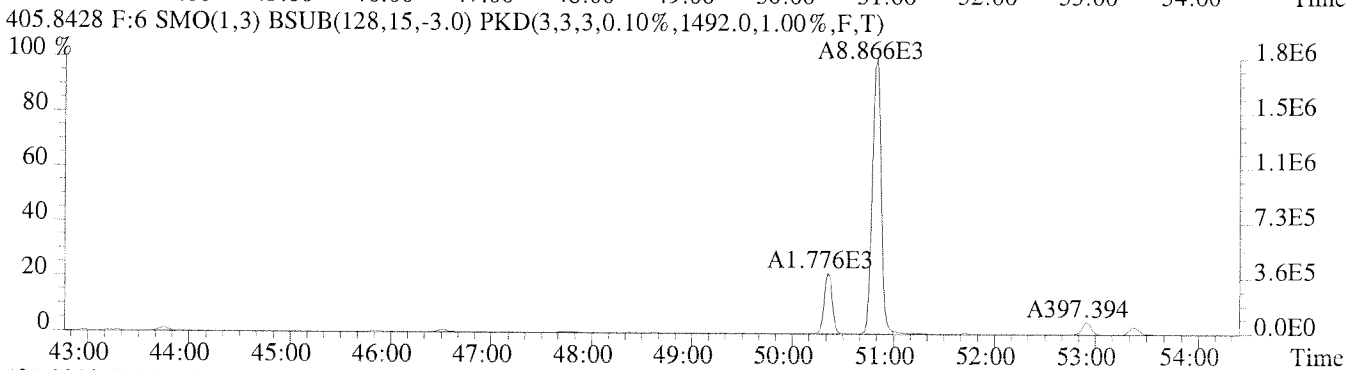
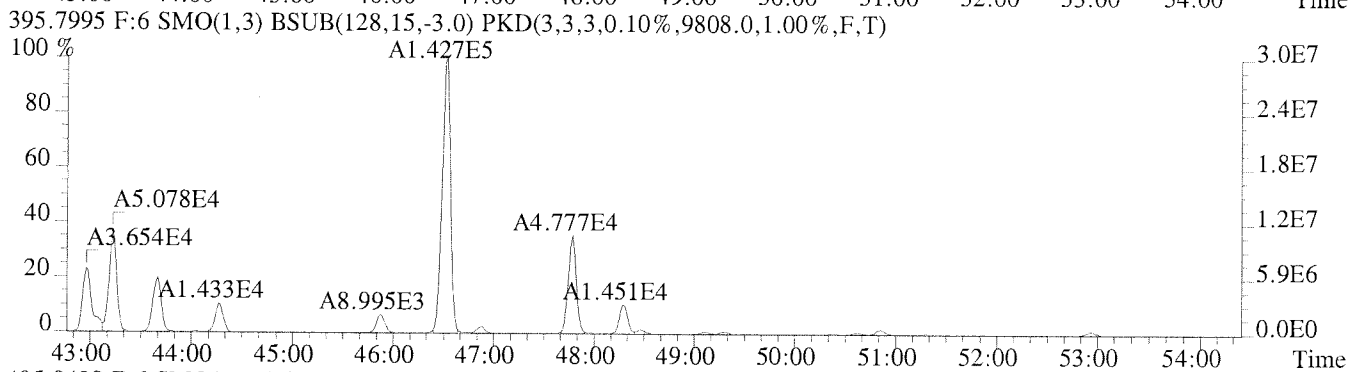
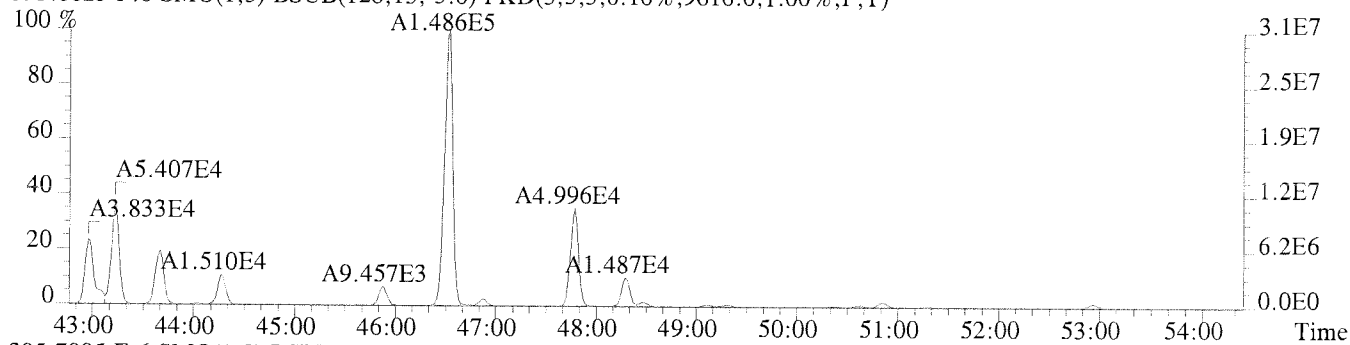
407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1720.0,1.00%,F,T)



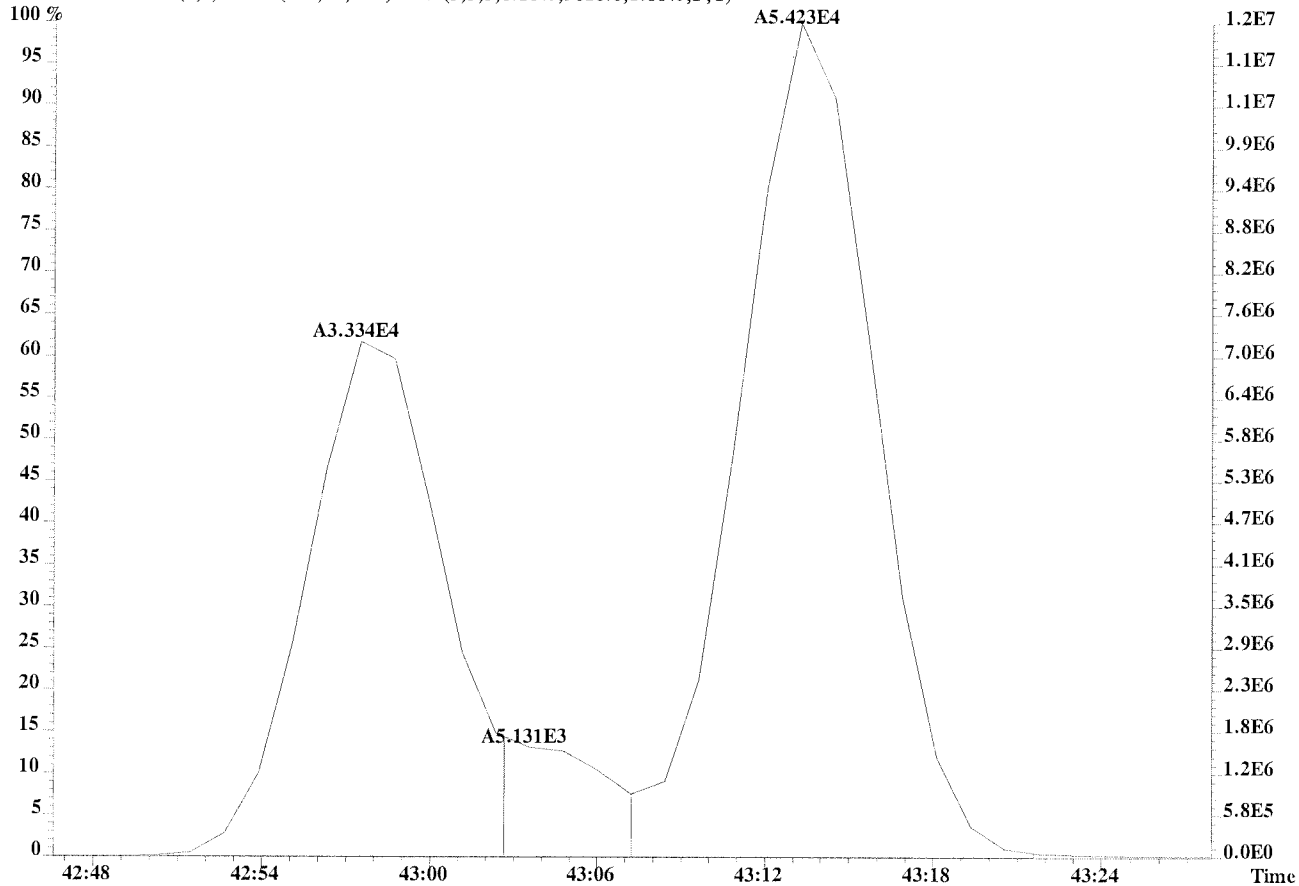
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



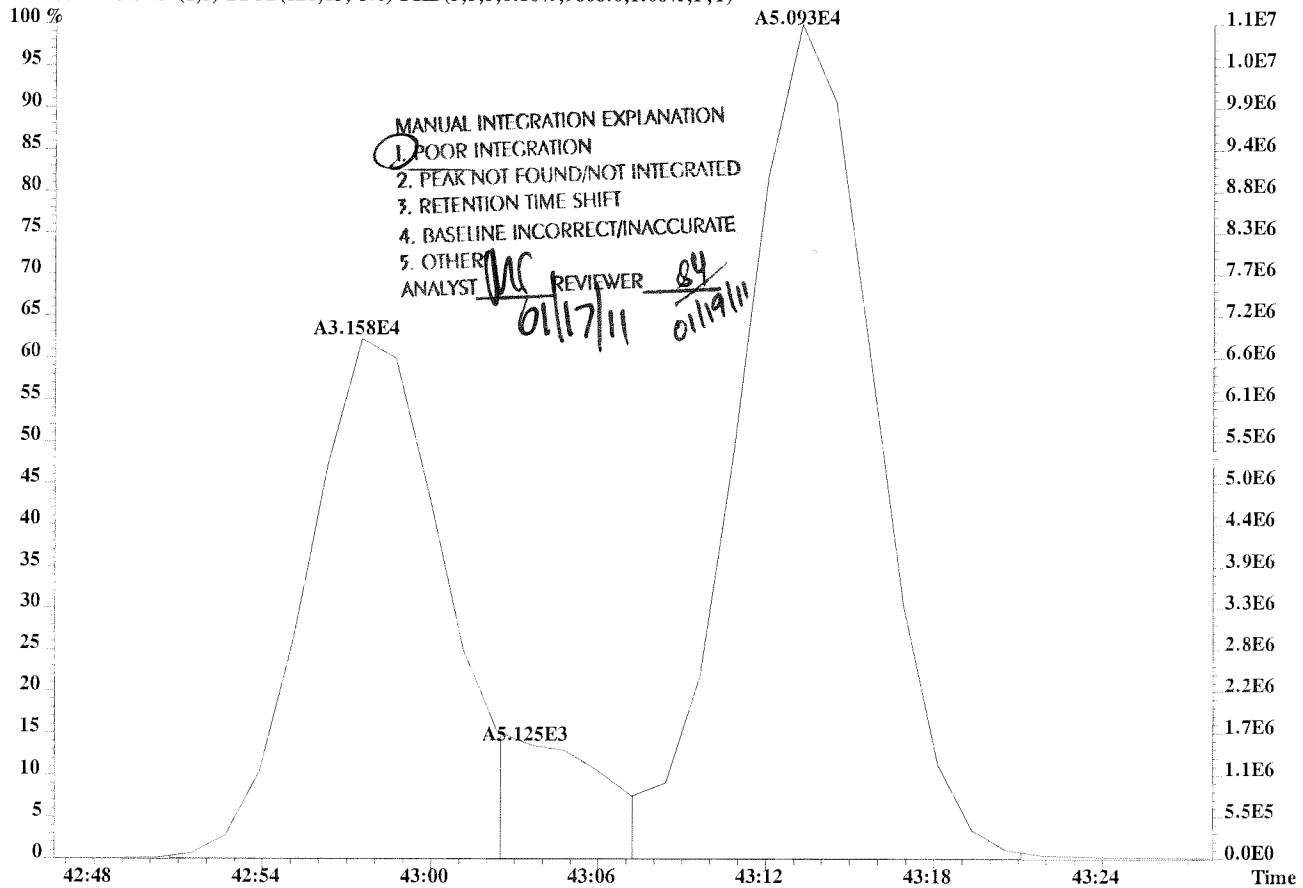
File:U224763 #1-577 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9616.0,1.00%,F,T)



File:U224763 #1-577 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-011 USENE/W091
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9616.0,1.00%,F,T)

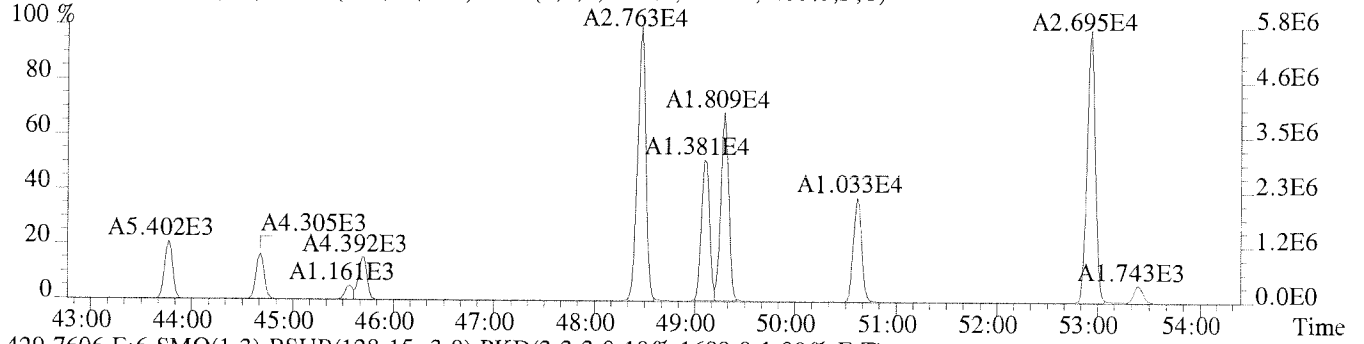


395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9808.0,1.00%,F,T)

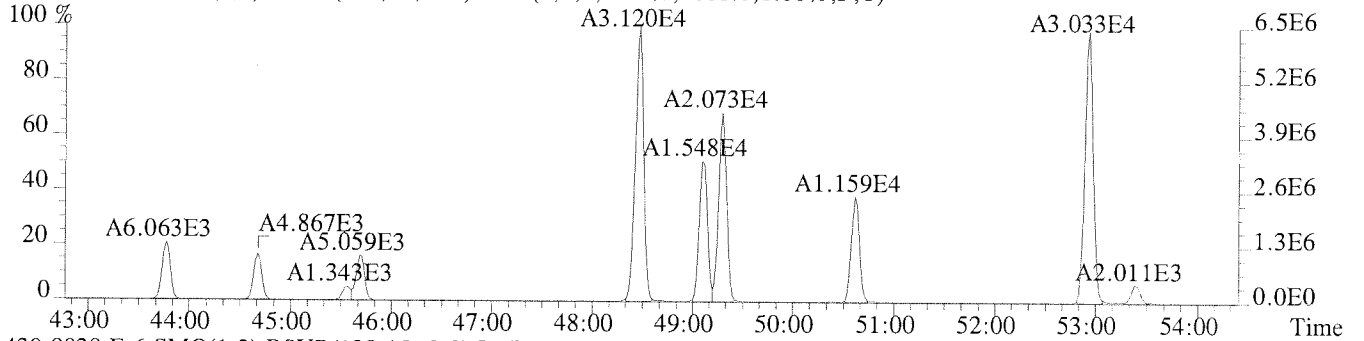


File:U224763 #1-577 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091

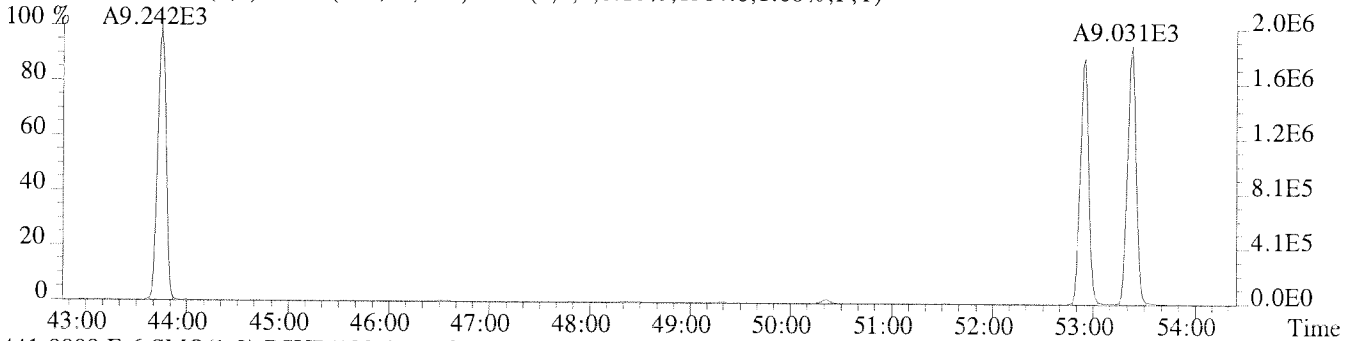
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1732.0,1.00%,F,T)



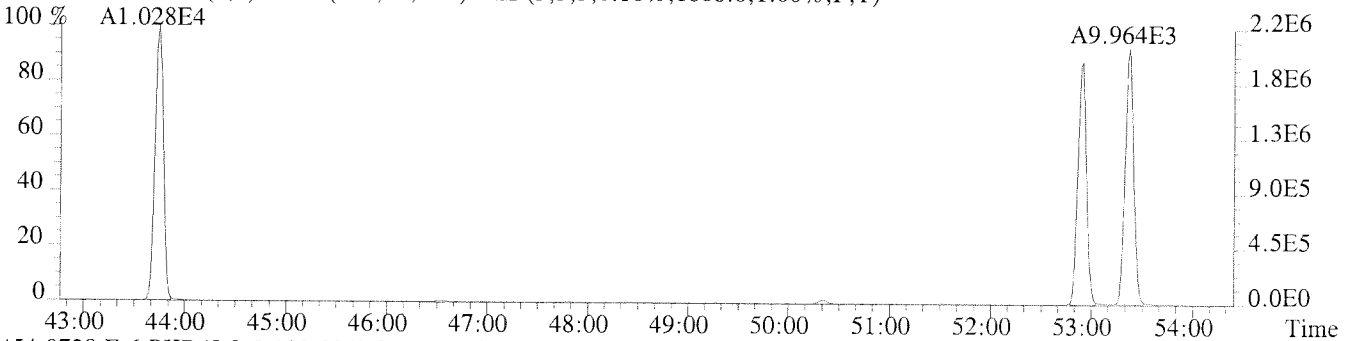
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1688.0,1.00%,F,T)



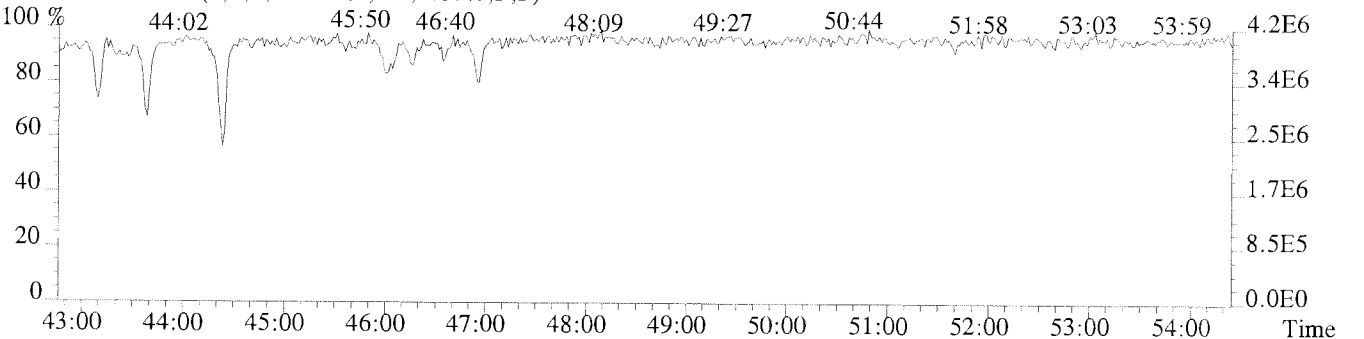
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1304.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1868.0,1.00%,F,T)



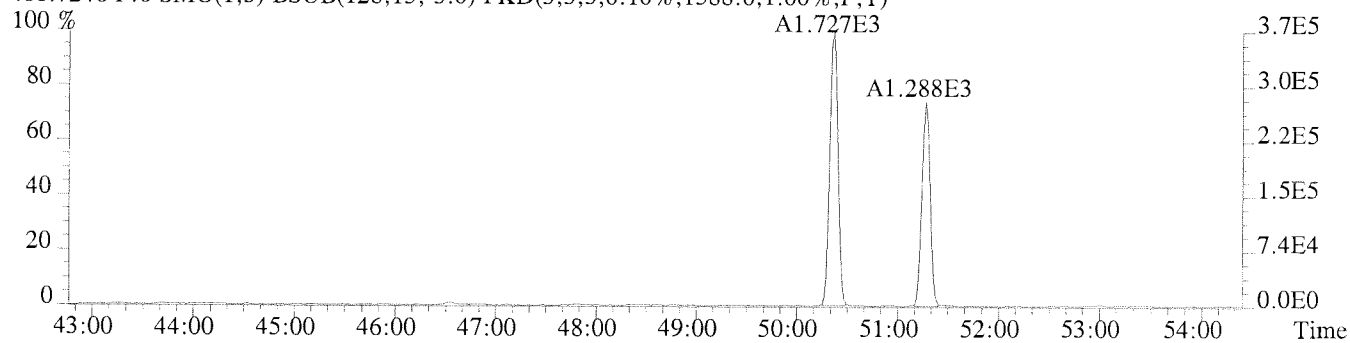
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



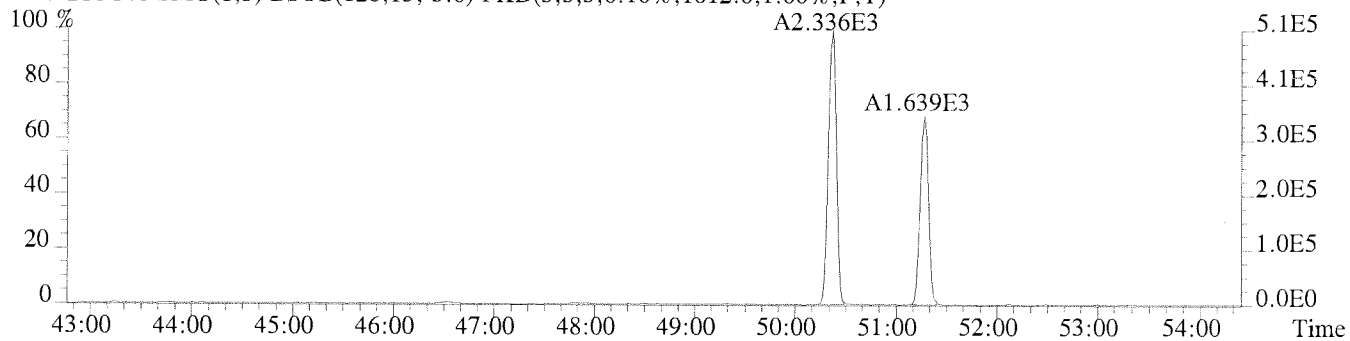
File:U224763 #1-577 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-011 USENE/W091

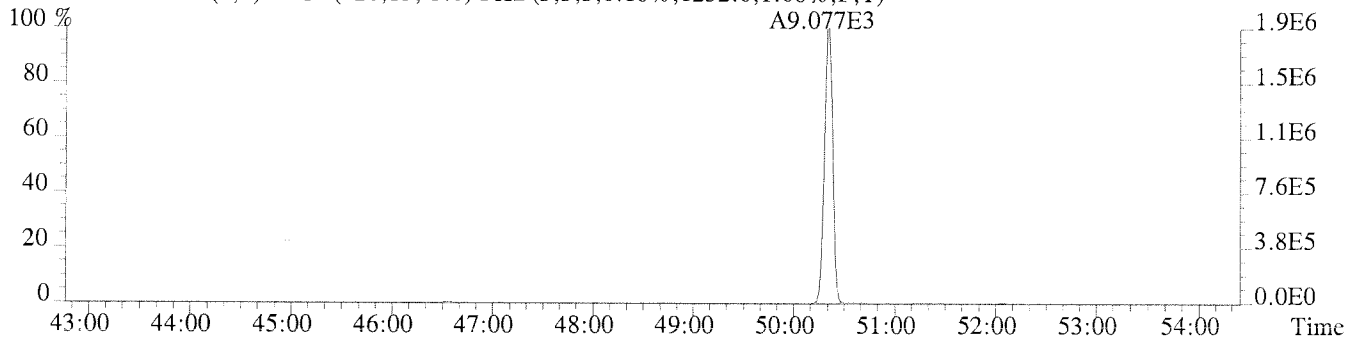
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1588.0,1.00%,F,T)



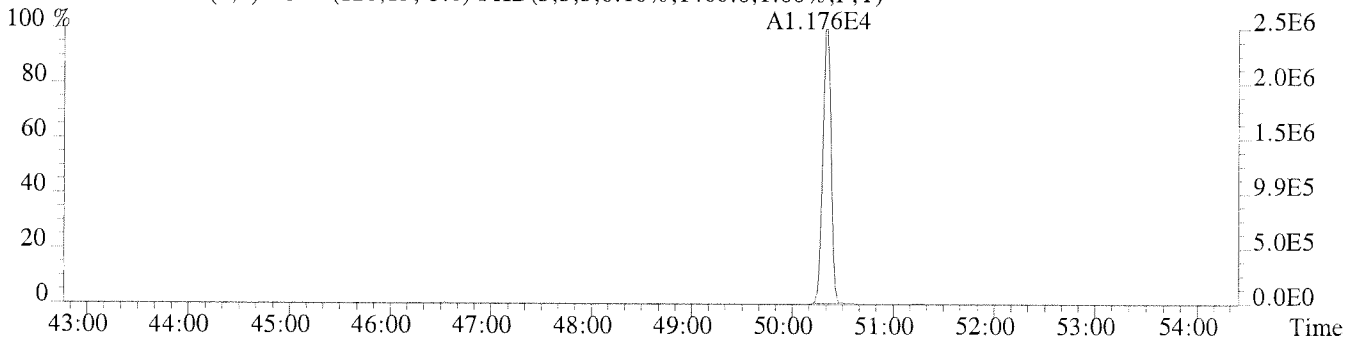
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1612.0,1.00%,F,T)



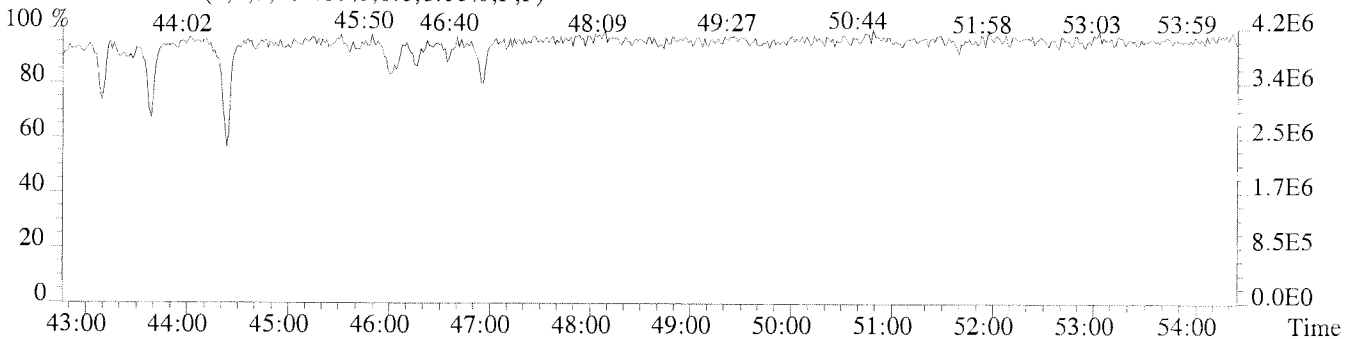
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1252.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1400.0,1.00%,F,T)

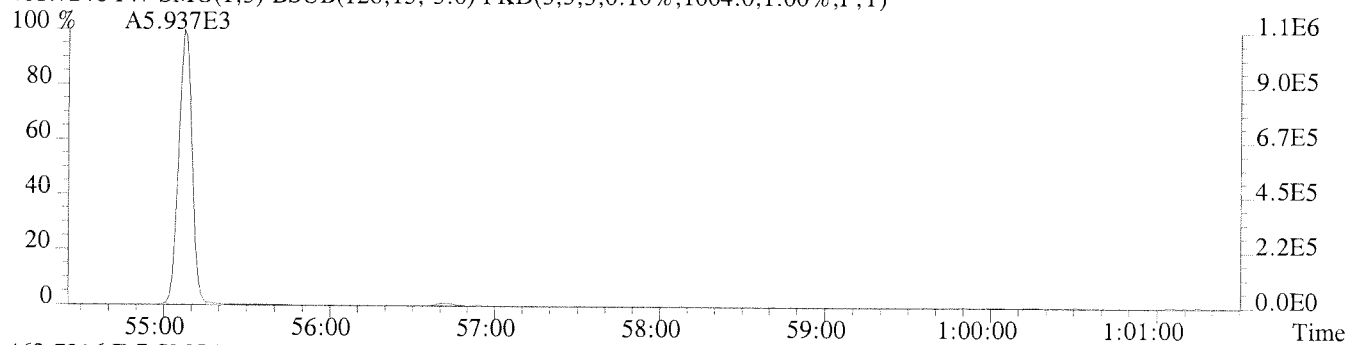


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

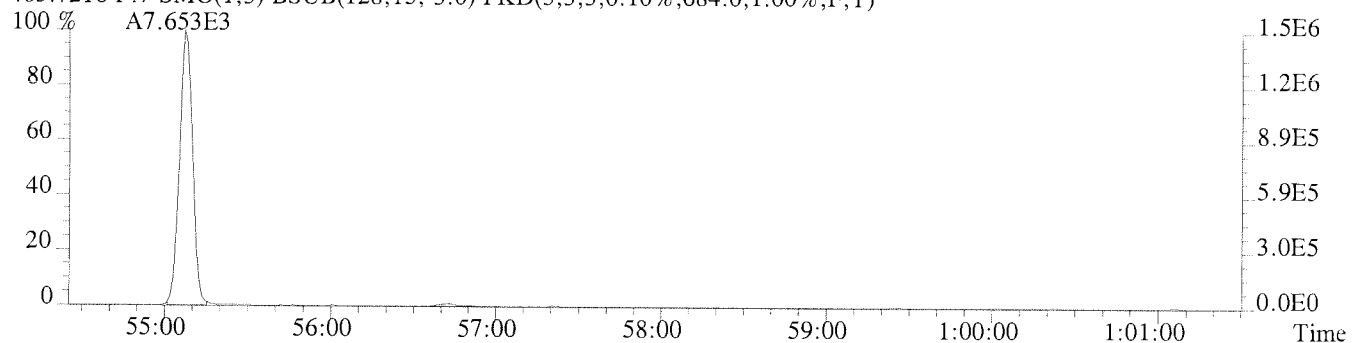


File:U224763 #1-400 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091

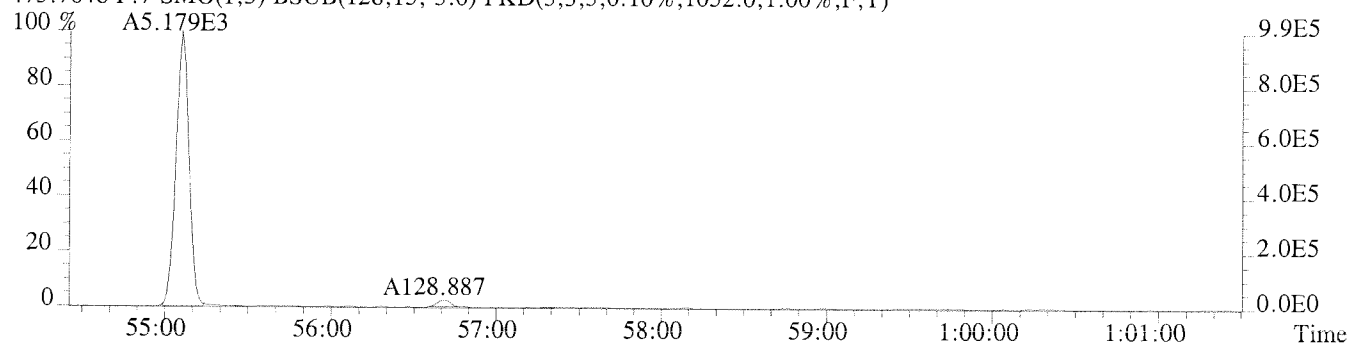
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1004.0,1.00%,F,T)



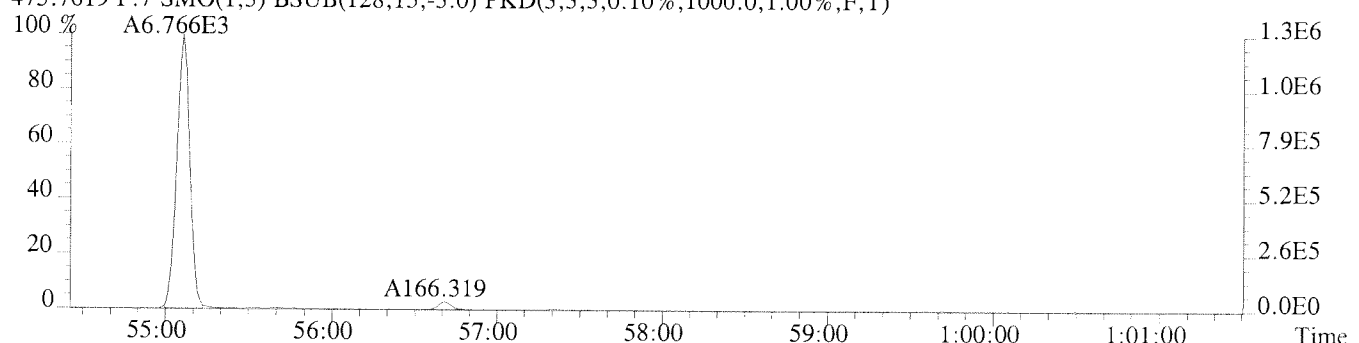
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,684.0,1.00%,F,T)



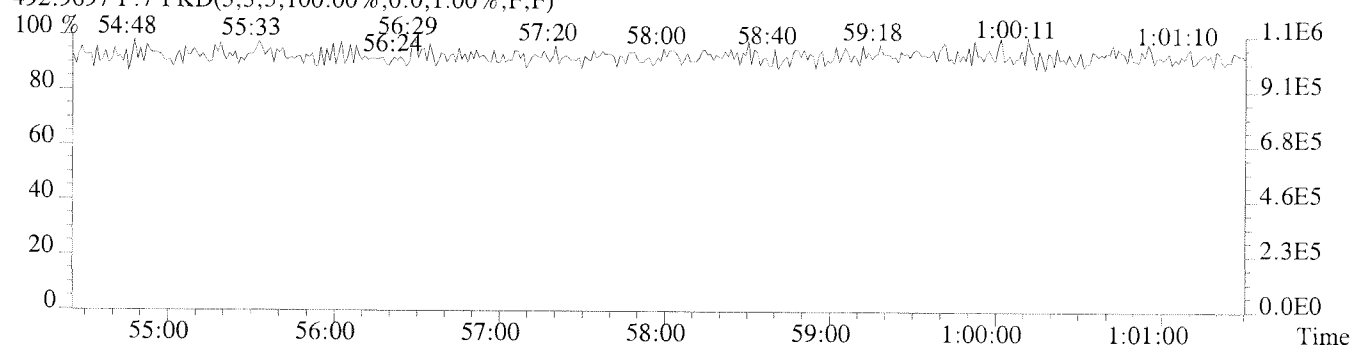
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1052.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1000.0,1.00%,F,T)

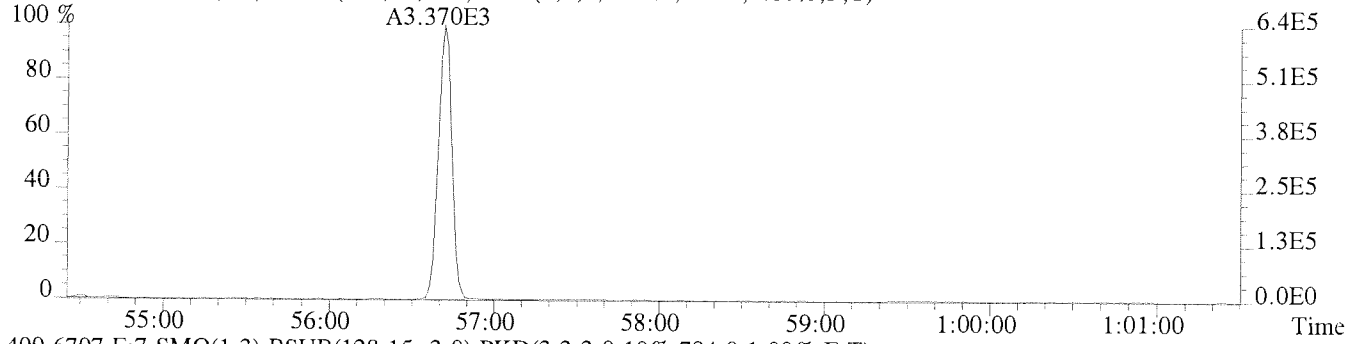


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

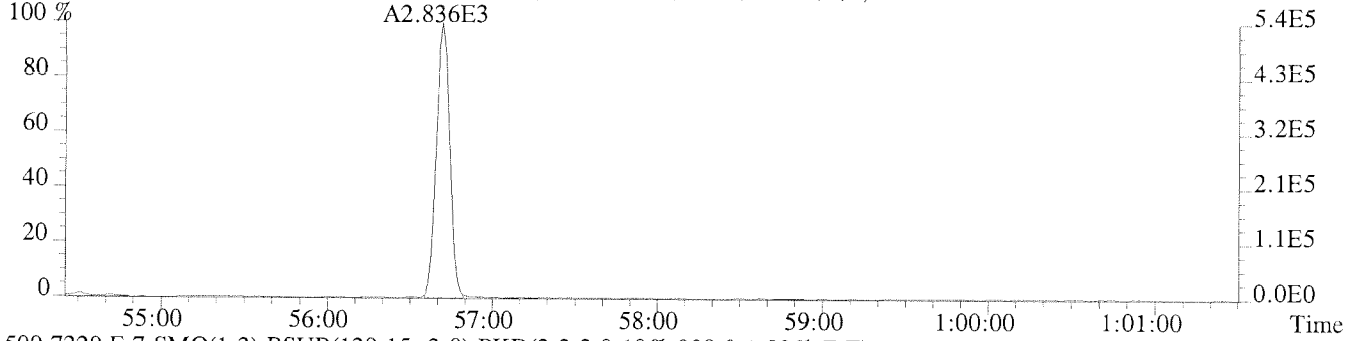


File:U224763 #1-400 Acq:15-JAN-2011 17:57:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011 USENE/W091

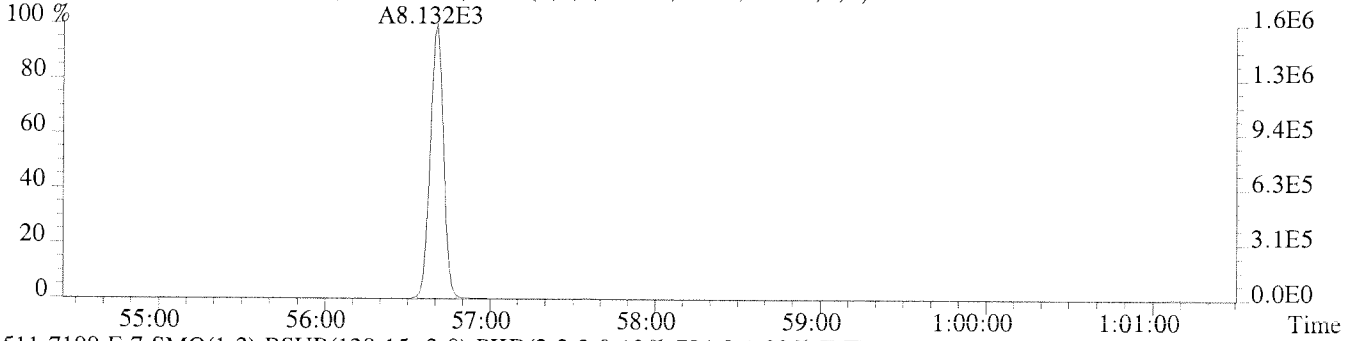
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,724.0,1.00%,F,T)



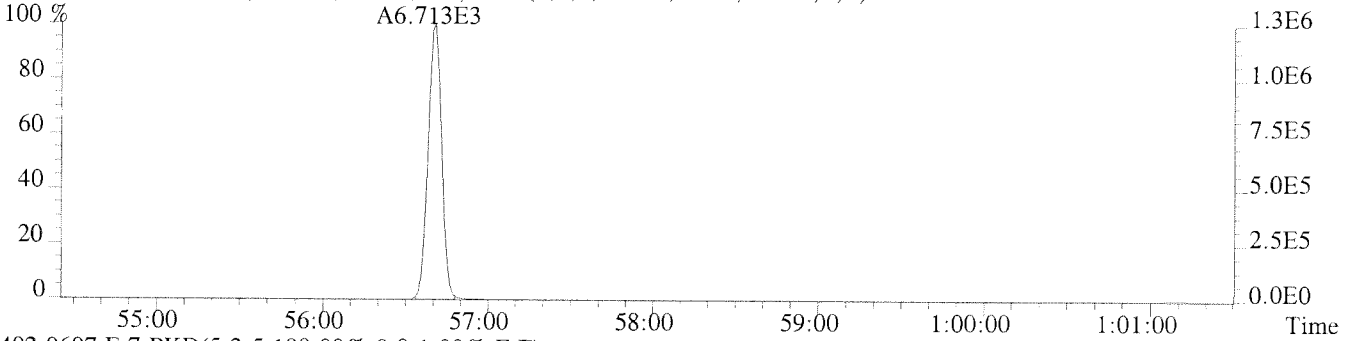
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,784.0,1.00%,F,T)



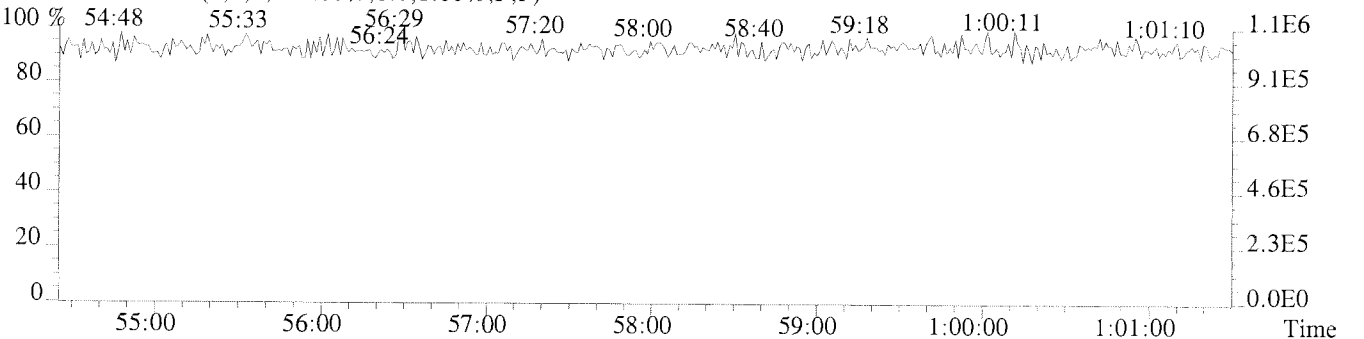
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,908.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,784.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-E/W-09-1

Run #13 Filename U224774
Processed: 18-JAN-11 15:01:19

Samp: 1 Inj: 1 Acquired: 17-JAN-11 13:38:32
Sample ID: K1013433-011DL

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet	Mod?	RRF
1	1	PCB-1	NotFnd	*	*	*	n y	1.0617
2	1	PCB-2	NotFnd	*	*	*	n n	1.0541
3	1	PCB-3	NotFnd	*	*	*	n y	1.0567
4	1	PCB-4	NotFnd	*	*	*	n y	0.9523
5	1	PCB-10	NotFnd	*	*	*	n n	1.3162
6	2	PCB-9	NotFnd	*	*	*	n y	1.0344
7	2	PCB-7	NotFnd	*	*	*	n n	1.0421
8	2	PCB-6	NotFnd	*	*	*	n n	1.0675
9	2	PCB-5	NotFnd	*	*	*	n y	0.8980
10	2	PCB-8	NotFnd	*	*	*	n n	1.1352
11	2	PCB-14	NotFnd	*	*	*	n n	1.0687
12	2	PCB-11	NotFnd	*	*	*	n y	1.0812
13	2	PCB-12/13	NotFnd	*	*	*	n y	1.0148
14	2	PCB-15	NotFnd	*	*	*	n y	0.9734
15	2	PCB-19	NotFnd	*	*	*	n n	1.0211
16	2	PCB-18/30	NotFnd	*	*	*	n n	0.9107
17	2	PCB-17	NotFnd	*	*	*	n n	0.7931
18	2	PCB-27	NotFnd	*	*	*	n y	1.1075
19	2	PCB-24	NotFnd	*	*	*	n y	0.9951
20	2	PCB-16	NotFnd	*	*	*	n n	0.6247
21	2	PCB-32	NotFnd	*	*	*	n y	1.1794
22	3	PCB-34	NotFnd	*	*	*	n n	1.3548
23	3	PCB-23	NotFnd	*	*	*	n n	1.2463
24	3	PCB-26/29	NotFnd	*	*	*	n y	1.3970
25	3	PCB-25	NotFnd	*	*	*	n y	1.5757
26	3	PCB-31	NotFnd	*	*	*	n y	1.4606
27	3	PCB-20/28	NotFnd	*	*	*	n y	1.2810
28	3	PCB-21/33	NotFnd	*	*	*	n y	1.4332
29	3	PCB-22	NotFnd	*	*	*	n y	1.2503
30	3	PCB-36	NotFnd	*	*	*	n n	1.4020
31	3	PCB-39	NotFnd	*	*	*	n y	1.4099
32	3	PCB-38	NotFnd	*	*	*	n n	1.3785
33	3	PCB-35	NotFnd	*	*	*	n y	1.3415
34	3	PCB-37	NotFnd	*	*	*	n y	1.0819
35	2	PCB-54	NotFnd	*	*	*	n n	0.9626
36	3	PCB-50/53	NotFnd	*	*	*	n y	0.7750
37	3	PCB-45/51	NotFnd	*	*	*	n y	0.7550
38	3	PCB-46	NotFnd	*	*	*	n y	0.6764
39	3	PCB-52	NotFnd	*	*	*	n y	0.8241
40	3	PCB-43/73	NotFnd	*	*	*	n y	0.8236
41	3	PCB-49/69	NotFnd	*	*	*	n y	0.9327
42	3	PCB-48	NotFnd	*	*	*	n y	0.7552
43	3	PCB-44/47/65	NotFnd	*	*	*	n y	0.8575
44	3	PCB-59/62/75	NotFnd	*	*	*	n y	1.0336
45	3	PCB-42	NotFnd	*	*	*	n y	0.7598
46	3	PCB-40/41/71	NotFnd	*	*	*	n y	0.7753
47	3	PCB-64	NotFnd	*	*	*	n y	1.1120
48	3	PCB-72	NotFnd	*	*	*	n n	1.1115
49	3	PCB-68	NotFnd	*	*	*	n n	1.0471
50	3	PCB-57	NotFnd	*	*	*	n y	1.0514

51	3	PCB-58	NotFnd	*	*	*	n	y	1.0107
52	3	PCB-67	NotFnd	*	*	*	n	y	1.2004
53	3	PCB-63	NotFnd	*	*	*	n	y	1.1198
54	3	PCB-61/70/74/76	30:54	1.771e+04	2.305e+04	0.77	y	y	1.0667
55	3	PCB-66	NotFnd	*	*	*	n	y	1.1266
56	3	PCB-55	NotFnd	*	*	*	n	n	0.9457
57	4	PCB-56	NotFnd	*	*	*	n	y	1.0666
58	4	PCB-60	NotFnd	*	*	*	n	y	1.0281
59	4	PCB-80	NotFnd	*	*	*	n	n	1.2345
60	4	PCB-79	NotFnd	*	*	*	n	y	1.1765
61	4	PCB-78	NotFnd	*	*	*	n	n	1.0368
62	4	PCB-81	NotFnd	*	*	*	n	n	1.0839
63	4	PCB-77	NotFnd	*	*	*	n	y	1.0368
64	3	PCB-104	NotFnd	*	*	*	n	n	1.0032
65	3	PCB-96	NotFnd	*	*	*	n	y	1.1937
66	3	PCB-103	NotFnd	*	*	*	n	y	0.9923
67	3	PCB-94	NotFnd	*	*	*	n	y	0.7946
68	3	PCB-95	NotFnd	*	*	*	n	y	0.9064
69	3	PCB-93/100	NotFnd	*	*	*	n	n	0.8589
70	3	PCB-98/102	NotFnd	*	*	*	n	y	0.8783
71	3	PCB-88/91	NotFnd	*	*	*	n	y	0.8669
72	3	PCB-84	NotFnd	*	*	*	n	y	0.7832
73	3	PCB-89	31:36	1.748e+02	1.118e+02	1.56	y	n	0.8175
74	4	PCB-121	NotFnd	*	*	*	n	n	1.0126
75	4	PCB-92	NotFnd	*	*	*	n	y	0.7078
76	4	PCB-90/101/113	NotFnd	*	*	*	n	y	0.8257
77	4	PCB-83/99	NotFnd	*	*	*	n	y	0.6849
78	4	PCB-112	NotFnd	*	*	*	n	n	0.9768
79	4	PCB-86/87/97/109/119/125	NotFnd	*	*	*	n	y	0.7969
80	4	PCB-117	NotFnd	*	*	*	n	n	0.8378
81	4	PCB-85/116	NotFnd	*	*	*	n	y	0.8627
82	4	PCB-110/115	NotFnd	*	*	*	n	y	0.9154
83	4	PCB-82	NotFnd	*	*	*	n	y	0.6012
84	4	PCB-111	NotFnd	*	*	*	n	n	0.8847
85	4	PCB-120	NotFnd	*	*	*	n	y	0.9630
86	5	PCB-108/124	NotFnd	*	*	*	n	y	0.8660
87	5	PCB-107	NotFnd	*	*	*	n	y	0.9679
88	5	PCB-123	NotFnd	*	*	*	n	y	1.0758
89	5	PCB-106	NotFnd	*	*	*	n	n	0.9401
90	5	PCB-118	NotFnd	*	*	*	n	y	1.1029
91	5	PCB-122	NotFnd	*	*	*	n	y	0.8099
92	5	PCB-114	NotFnd	*	*	*	n	y	1.0787
93	5	PCB-105	NotFnd	*	*	*	n	y	1.0593
94	5	PCB-127	NotFnd	*	*	*	n	n	0.8305
95	5	PCB-126	NotFnd	*	*	*	n	y	1.0408
96	4	PCB-155	NotFnd	*	*	*	n	n	0.9771
97	4	PCB-152	NotFnd	*	*	*	n	y	1.8526
98	4	PCB-150	NotFnd	*	*	*	n	n	1.6823
99	4	PCB-136	NotFnd	*	*	*	n	y	1.7659
100	4	PCB-145	NotFnd	*	*	*	n	n	1.6039
101	4	PCB-148	NotFnd	*	*	*	n	n	1.2761
102	4	PCB-135/151	NotFnd	*	*	*	n	y	1.1786
103	4	PCB-154	NotFnd	*	*	*	n	y	1.4069
104	4	PCB-144	NotFnd	*	*	*	n	y	1.2596
105	5	PCB-147/149	NotFnd	*	*	*	n	y	0.9913
106	5	PCB-134	NotFnd	*	*	*	n	y	0.8134
107	5	PCB-143	NotFnd	*	*	*	n	n	0.9599

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108	5	PCB-139/140	NotFnd	*	*	*	n	y	0.9649
109	5	PCB-131	NotFnd	*	*	*	n	y	0.8720
110	5	PCB-142	NotFnd	*	*	*	n	n	0.8537
111	5	PCB-132	NotFnd	*	*	*	n	y	0.7901
112	5	PCB-133	NotFnd	*	*	*	n	y	0.8551
113	5	PCB-165	NotFnd	*	*	*	n	n	1.0611
114	5	PCB-146	NotFnd	*	*	*	n	y	1.0650
115	5	PCB-161	NotFnd	*	*	*	n	n	1.1902
116	5	PCB-153/168	NotFnd	*	*	*	n	y	1.1032
117	5	PCB-141	NotFnd	*	*	*	n	y	0.9068
118	5	PCB-130	NotFnd	*	*	*	n	y	0.7682
119	5	PCB-137	NotFnd	*	*	*	n	y	0.8033
120	5	PCB-164	NotFnd	*	*	*	n	y	1.1581
121	5	PCB-129/138/163	40:59	1.344e+04	1.096e+04	1.23	y	n	0.8763
122	5	PCB-160	NotFnd	*	*	*	n	n	1.1495
123	5	PCB-158	NotFnd	*	*	*	n	y	1.2203
124	5	PCB-128/166	NotFnd	*	*	*	n	y	1.0052
125	6	PCB-159	NotFnd	*	*	*	n	y	0.8692
126	6	PCB-162	NotFnd	*	*	*	n	y	0.8306
127	6	PCB-167	NotFnd	*	*	*	n	y	1.0299
128	6	PCB-156/157	NotFnd	*	*	*	n	y	1.0644
129	6	PCB-169	NotFnd	*	*	*	n	n	1.0362
130	5	PCB-188	NotFnd	*	*	*	n	n	0.9497
131	5	PCB-179	NotFnd	*	*	*	n	y	1.3157
132	5	PCB-184	NotFnd	*	*	*	n	n	1.2794
133	5	PCB-176	NotFnd	*	*	*	n	y	1.2918
134	5	PCB-186	NotFnd	*	*	*	n	n	1.1683
135	5	PCB-178	NotFnd	*	*	*	n	y	0.8355
136	5	PCB-175	NotFnd	*	*	*	n	y	0.8746
137	5	PCB-187	NotFnd	*	*	*	n	y	1.0732
138	5	PCB-182	NotFnd	*	*	*	n	y	0.9007
139	6	PCB-183	NotFnd	*	*	*	n	y	0.6169
140	6	PCB-185	NotFnd	*	*	*	n	n	0.4962
141	6	PCB-174	NotFnd	*	*	*	n	y	0.5560
142	6	PCB-177	NotFnd	*	*	*	n	y	0.5174
143	6	PCB-181	NotFnd	*	*	*	n	y	0.5073
144	6	PCB-171/173	NotFnd	*	*	*	n	y	0.4833
145	6	PCB-172	NotFnd	*	*	*	n	y	0.4330
146	6	PCB-192	NotFnd	*	*	*	n	n	0.5186
147	6	PCB-180/193	NotFnd	*	*	*	n	y	0.5218
148	6	PCB-191	NotFnd	*	*	*	n	y	0.5440
149	6	PCB-170	NotFnd	*	*	*	n	y	0.3735
150	6	PCB-190	NotFnd	*	*	*	n	y	0.5257
151	6	PCB-189	NotFnd	*	*	*	n	y	0.9118
152	6	PCB-202	NotFnd	*	*	*	n	y	0.8687
153	6	PCB-201	NotFnd	*	*	*	n	y	1.0343
154	6	PCB-204	NotFnd	*	*	*	n	n	0.9888
155	6	PCB-197	NotFnd	*	*	*	n	y	0.9692
156	6	PCB-200	NotFnd	*	*	*	n	y	1.0198
157	6	PCB-198/199	NotFnd	*	*	*	n	y	0.5581
158	6	PCB-196	NotFnd	*	*	*	n	y	0.5876
159	6	PCB-203	NotFnd	*	*	*	n	y	0.5816
160	6	PCB-195	NotFnd	*	*	*	n	y	0.5191
161	6	PCB-194	NotFnd	*	*	*	n	y	0.4975
162	6	PCB-205	NotFnd	*	*	*	n	y	0.9331
163	6	PCB-208	NotFnd	*	*	*	n	y	0.9147
164	6	PCB-207	NotFnd	*	*	*	n	y	1.1351

165	7	PCB-206	NotFnd		*		*		*	n	y	0.9373
166	7	PCB-209	NotFnd		*		*		*	n	y	0.9245
167	1	PCB-1L	12:56		2.325e+04		7.350e+03		3.16	y	n	1.1278
168	1	PCB-3L	15:07		2.277e+04		7.041e+03		3.23	y	n	1.1560
169	1	PCB-4L	15:22		1.374e+04		8.946e+03		1.54	y	n	0.8995
170	2	PCB-15L	21:18		1.599e+04		1.023e+04		1.56	y	n	1.0207
171	2	PCB-19L	18:30		7.494e+03		7.509e+03		1.00	y	n	0.6111
172	3	PCB-37L	28:19		1.234e+04		1.209e+04		1.02	y	n	1.3160
173	2	PCB-54L	21:35		1.076e+04		1.375e+04		0.78	y	n	1.2721
174	4	PCB-81L	35:02		7.526e+03		9.281e+03		0.81	y	n	1.0738
175	4	PCB-77L	35:35		7.023e+03		9.139e+03		0.77	y	n	1.0702
176	3	PCB-104L	27:03		1.455e+04		9.362e+03		1.55	y	n	1.4912
177	5	PCB-123L	37:33		9.409e+03		6.200e+03		1.52	y	n	1.1778
178	5	PCB-118L	37:52		9.735e+03		6.234e+03		1.56	y	n	1.2110
179	5	PCB-114L	38:24		9.121e+03		5.933e+03		1.54	y	n	1.1896
180	5	PCB-105L	39:03		9.985e+03		6.219e+03		1.61	y	n	1.1605
181	5	PCB-126L	42:08		1.037e+04		6.454e+03		1.61	y	n	1.0617
182	4	PCB-155L	32:40		1.233e+04		9.666e+03		1.28	y	n	1.6959
183	6	PCB-167L	43:57		6.367e+03		4.834e+03		1.32	y	n	1.0133
184	6	PCB-156/157L	45:07		1.233e+04		1.003e+04		1.23	y	n	0.9268
185	6	PCB-169L	48:20		6.006e+03		4.608e+03		1.30	y	n	0.8322
186	5	PCB-188L	38:22		8.360e+03		7.913e+03		1.06	y	n	2.6945
187	6	PCB-189L	50:49		5.423e+03		5.129e+03		1.06	y	n	1.4447
188	6	PCB-202L	43:42		5.439e+03		6.040e+03		0.90	y	n	1.8164
189	6	PCB-205L	53:22		5.182e+03		5.964e+03		0.87	y	n	1.2914
190	6	PCB-208L	50:20		5.073e+03		6.261e+03		0.81	y	n	1.4411
191	7	PCB-206L	55:05		3.677e+03		4.685e+03		0.78	y	n	1.0999
192	7	PCB-209L	56:40		5.693e+03		4.700e+03		1.21	y	n	1.5058
193	3	PCB-28L	24:18		1.211e+03		1.200e+03		1.01	y	n	1.5006
194	4	PCB-111L	35:35		6.986e+02		4.651e+02		1.50	y	n	1.2093
195	5	PCB-178L	41:24		5.089e+02		4.684e+02		1.09	y	n	1.2813
196	2	PCB-9L	17:21		1.745e+04		1.072e+04		1.63	y	n	-
197	3	PCB-52L	26:07		8.192e+03		1.053e+04		0.78	y	n	-
198	4	PCB-101L	32:56		8.870e+03		5.888e+03		1.51	y	n	-
199	5	PCB-138L	40:57		8.703e+03		6.811e+03		1.28	y	n	-
200	6	PCB-194L	52:54		4.001e+03		4.422e+03		0.90	y	n	-

$$PCB209 = \frac{(9.84e+02 + 9.96e+02)}{(1.11e+06 + 9.14e+05)} \times 10000 \times 2.5 \times 10 = 105 \text{ ng/l/g}$$

$$PCB129-138-163 = \frac{(1.344e+04 + 1.096e+04)}{(1.23e+04 + 9.67e+03 + 6.37e+03 + 4.83e+03 + 1.23e+04 + 1.03e+04 + 6.01e+03 + 4.61e+03)} \times 10000 \times 10 \times 5 \times 5.0219 \times 0.876 \times 69\% = 60483 \text{ ng/l/g}$$

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1/19/11
 sp166resp
 02/2009

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
USEN-E/W-09-1

Run #13 Filename U224774#1 Samp: 1 Inj: 1 Acquired: 17-JAN-11 13:38:32

Processed: 18-JAN-11 15:01:19 LAB. ID: K1013433-011DL

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	*	2.82e+03	*	*	3.10e+03	*
2	PCB-2	*	2.82e+03	*	*	3.10e+03	*
3	PCB-3	*	2.82e+03	*	*	3.10e+03	*
4	PCB-4	*	3.26e+03	*	*	1.32e+04	*
5	PCB-10	*	3.26e+03	*	*	1.32e+04	*
6	PCB-9	*	3.17e+03	*	*	1.78e+04	*
7	PCB-7	*	3.17e+03	*	*	1.78e+04	*
8	PCB-6	*	3.17e+03	*	*	1.78e+04	*
9	PCB-5	*	3.17e+03	*	*	1.78e+04	*
10	PCB-8	*	3.17e+03	*	*	1.78e+04	*
11	PCB-14	*	3.17e+03	*	*	1.78e+04	*
12	PCB-11	*	3.17e+03	*	*	1.78e+04	*
13	PCB-12/13	*	3.17e+03	*	*	1.78e+04	*
14	PCB-15	*	3.17e+03	*	*	1.78e+04	*
15	PCB-19	*	2.19e+03	*	*	2.29e+03	*
16	PCB-18/30	*	2.19e+03	*	*	2.29e+03	*
17	PCB-17	*	2.19e+03	*	*	2.29e+03	*
18	PCB-27	*	2.19e+03	*	*	2.29e+03	*
19	PCB-24	*	2.19e+03	*	*	2.29e+03	*
20	PCB-16	*	2.19e+03	*	*	2.29e+03	*
21	PCB-32	*	2.19e+03	*	*	2.29e+03	*
22	PCB-34	*	2.20e+03	*	*	6.20e+03	*
23	PCB-23	*	2.20e+03	*	*	6.20e+03	*
24	PCB-26/29	*	2.20e+03	*	*	6.20e+03	*
25	PCB-25	*	2.20e+03	*	*	6.20e+03	*
26	PCB-31	*	2.20e+03	*	*	6.20e+03	*
27	PCB-20/28	*	2.20e+03	*	*	6.20e+03	*
28	PCB-21/33	*	2.20e+03	*	*	6.20e+03	*
29	PCB-22	*	2.20e+03	*	*	6.20e+03	*
30	PCB-36	*	2.20e+03	*	*	6.20e+03	*
31	PCB-39	*	2.20e+03	*	*	6.20e+03	*
32	PCB-38	*	2.20e+03	*	*	6.20e+03	*
33	PCB-35	*	2.20e+03	*	*	6.20e+03	*
34	PCB-37	*	2.20e+03	*	*	6.20e+03	*
35	PCB-54	*	1.58e+03	*	*	1.40e+03	*
36	PCB-50/53	*	2.49e+03	*	*	2.11e+03	*
37	PCB-45/51	*	2.49e+03	*	*	2.11e+03	*
38	PCB-46	*	2.49e+03	*	*	2.11e+03	*
39	PCB-52	*	2.49e+03	*	*	2.11e+03	*
40	PCB-43/73	*	2.49e+03	*	*	2.11e+03	*
41	PCB-49/69	*	2.49e+03	*	*	2.11e+03	*
42	PCB-48	*	2.49e+03	*	*	2.11e+03	*
43	PCB-44/47/65	*	2.49e+03	*	*	2.11e+03	*
44	PCB-59/62/75	*	2.49e+03	*	*	2.11e+03	*
45	PCB-42	*	2.49e+03	*	*	2.11e+03	*
46	PCB-40/41/71	*	2.49e+03	*	*	2.11e+03	*
47	PCB-64	*	2.49e+03	*	*	2.11e+03	*

Run #13

Filename U224774#1 Samp: 1

Acquired: 17-JAN-11 13:38:32

48	PCB-72	*	2.49e+03	*	*	2.11e+03	*
49	PCB-68	*	2.49e+03	*	*	2.11e+03	*
50	PCB-57	*	2.49e+03	*	*	2.11e+03	*
51	PCB-58	*	2.49e+03	*	*	2.11e+03	*
52	PCB-67	*	2.49e+03	*	*	2.11e+03	*
53	PCB-63	*	2.49e+03	*	*	2.11e+03	*
54	PCB-61/70/74/76	2.08e+06	2.49e+03	8.4e+02	2.73e+06	2.11e+03	1.3e+03
55	PCB-66	*	2.49e+03	*	*	2.11e+03	*
56	PCB-55	*	2.49e+03	*	*	2.11e+03	*
57	PCB-56	*	3.13e+03	*	*	4.57e+03	*
58	PCB-60	*	3.13e+03	*	*	4.57e+03	*
59	PCB-80	*	3.13e+03	*	*	4.57e+03	*
60	PCB-79	*	3.13e+03	*	*	4.57e+03	*
61	PCB-78	*	3.13e+03	*	*	4.57e+03	*
62	PCB-81	*	3.13e+03	*	*	4.57e+03	*
63	PCB-77	*	3.13e+03	*	*	4.57e+03	*
64	PCB-104	*	1.52e+03	*	*	1.64e+03	*
65	PCB-96	*	1.52e+03	*	*	1.64e+03	*
66	PCB-103	*	1.52e+03	*	*	1.64e+03	*
67	PCB-94	*	1.52e+03	*	*	1.64e+03	*
68	PCB-95	*	1.52e+03	*	*	1.64e+03	*
69	PCB-93/100	*	1.52e+03	*	*	1.64e+03	*
70	PCB-98/102	*	1.52e+03	*	*	1.64e+03	*
71	PCB-88/91	*	1.52e+03	*	*	1.64e+03	*
72	PCB-84	*	1.52e+03	*	*	1.64e+03	*
73	PCB-89	3.14e+04	1.52e+03	2.1e+01	1.97e+04	1.64e+03	1.2e+01
74	PCB-121	*	3.04e+03	*	*	1.42e+03	*
75	PCB-92	*	3.04e+03	*	*	1.42e+03	*
76	PCB-90/101/113	*	3.04e+03	*	*	1.42e+03	*
77	PCB-83/99	*	3.04e+03	*	*	1.42e+03	*
78	PCB-112	*	3.04e+03	*	*	1.42e+03	*
79	CB-86/87/97/109/119/125	*	3.04e+03	*	*	1.42e+03	*
80	PCB-117	*	3.04e+03	*	*	1.42e+03	*
81	PCB-85/116	*	3.04e+03	*	*	1.42e+03	*
82	PCB-110/115	*	3.04e+03	*	*	1.42e+03	*
83	PCB-82	*	3.04e+03	*	*	1.42e+03	*
84	PCB-111	*	3.04e+03	*	*	1.42e+03	*
85	PCB-120	*	3.04e+03	*	*	1.42e+03	*
86	PCB-108/124	*	5.24e+03	*	*	3.85e+03	*
87	PCB-107	*	5.24e+03	*	*	3.85e+03	*
88	PCB-123	*	5.24e+03	*	*	3.85e+03	*
89	PCB-106	*	5.24e+03	*	*	3.85e+03	*
90	PCB-118	*	5.24e+03	*	*	3.85e+03	*
91	PCB-122	*	5.24e+03	*	*	3.85e+03	*
92	PCB-114	*	5.24e+03	*	*	3.85e+03	*
93	PCB-105	*	5.24e+03	*	*	3.85e+03	*
94	PCB-127	*	5.24e+03	*	*	3.85e+03	*
95	PCB-126	*	5.24e+03	*	*	3.85e+03	*
96	PCB-155	*	1.12e+03	*	*	7.48e+02	*
97	PCB-152	*	1.12e+03	*	*	7.48e+02	*
98	PCB-150	*	1.12e+03	*	*	7.48e+02	*
99	PCB-136	*	1.12e+03	*	*	7.48e+02	*
100	PCB-145	*	1.12e+03	*	*	7.48e+02	*
101	PCB-148	*	1.12e+03	*	*	7.48e+02	*
102	PCB-135/151	*	1.12e+03	*	*	7.48e+02	*
103	PCB-154	*	1.12e+03	*	*	7.48e+02	*
104	PCB-144	*	1.12e+03	*	*	7.48e+02	*

see 1/19/11

QA 1/19/11

105	PCB-147/149	*	2.77e+03	*	*	1.74e+03	*
106	PCB-134	*	2.77e+03	*	*	1.74e+03	*
107	PCB-143	*	2.77e+03	*	*	1.74e+03	*
108	PCB-139/140	*	2.77e+03	*	*	1.74e+03	*
109	PCB-131	*	2.77e+03	*	*	1.74e+03	*
110	PCB-142	*	2.77e+03	*	*	1.74e+03	*
111	PCB-132	*	2.77e+03	*	*	1.74e+03	*
112	PCB-133	*	2.77e+03	*	*	1.74e+03	*
113	PCB-165	*	2.77e+03	*	*	1.74e+03	*
114	PCB-146	*	2.77e+03	*	*	1.74e+03	*
115	PCB-161	*	2.77e+03	*	*	1.74e+03	*
116	PCB-153/168	*	2.77e+03	*	*	1.74e+03	*
117	PCB-141	*	2.77e+03	*	*	1.74e+03	*
118	PCB-130	*	2.77e+03	*	*	1.74e+03	*
119	PCB-137	*	2.77e+03	*	*	1.74e+03	*
120	PCB-164	*	2.77e+03	*	*	1.74e+03	*
121	PCB-129/138/163	2.33e+06	2.77e+03	8.4e+02	1.87e+06	1.74e+03	1.1e+03
122	PCB-160	*	2.77e+03	*	*	1.74e+03	*
123	PCB-158	*	2.77e+03	*	*	1.74e+03	*
124	PCB-128/166	*	2.77e+03	*	*	1.74e+03	*
125	PCB-159	*	1.21e+03	*	*	1.08e+03	*
126	PCB-162	*	1.21e+03	*	*	1.08e+03	*
127	PCB-167	*	1.21e+03	*	*	1.08e+03	*
128	PCB-156/157	*	1.21e+03	*	*	1.08e+03	*
129	PCB-169	*	1.21e+03	*	*	1.08e+03	*
130	PCB-188	*	1.38e+03	*	*	1.22e+03	*
131	PCB-179	*	1.38e+03	*	*	1.22e+03	*
132	PCB-184	*	1.38e+03	*	*	1.22e+03	*
133	PCB-176	*	1.38e+03	*	*	1.22e+03	*
134	PCB-186	*	1.38e+03	*	*	1.22e+03	*
135	PCB-178	*	1.38e+03	*	*	1.22e+03	*
136	PCB-175	*	1.38e+03	*	*	1.22e+03	*
137	PCB-187	*	1.38e+03	*	*	1.22e+03	*
138	PCB-182	*	1.38e+03	*	*	1.22e+03	*
139	PCB-183	*	1.59e+03	*	*	7.28e+02	*
140	PCB-185	*	1.59e+03	*	*	7.28e+02	*
141	PCB-174	*	1.59e+03	*	*	7.28e+02	*
142	PCB-177	*	1.59e+03	*	*	7.28e+02	*
143	PCB-181	*	1.59e+03	*	*	7.28e+02	*
144	PCB-171/173	*	1.59e+03	*	*	7.28e+02	*
145	PCB-172	*	1.59e+03	*	*	7.28e+02	*
146	PCB-192	*	1.59e+03	*	*	7.28e+02	*
147	PCB-180/193	*	1.59e+03	*	*	7.28e+02	*
148	PCB-191	*	1.59e+03	*	*	7.28e+02	*
149	PCB-170	*	1.59e+03	*	*	7.28e+02	*
150	PCB-190	*	1.59e+03	*	*	7.28e+02	*
151	PCB-189	*	1.59e+03	*	*	7.28e+02	*
152	PCB-202	*	1.63e+03	*	*	1.60e+03	*
153	PCB-201	*	1.63e+03	*	*	1.60e+03	*
154	PCB-204	*	1.63e+03	*	*	1.60e+03	*
155	PCB-197	*	1.63e+03	*	*	1.60e+03	*
156	PCB-200	*	1.63e+03	*	*	1.60e+03	*
157	PCB-198/199	*	1.63e+03	*	*	1.60e+03	*
158	PCB-196	*	1.63e+03	*	*	1.60e+03	*
159	PCB-203	*	1.63e+03	*	*	1.60e+03	*
160	PCB-195	*	1.63e+03	*	*	1.60e+03	*
161	PCB-194	*	1.63e+03	*	*	1.60e+03	*
162	PCB-205	*	1.63e+03	*	*	1.60e+03	*

Run #13

Filename U224774#1 Samp: 1

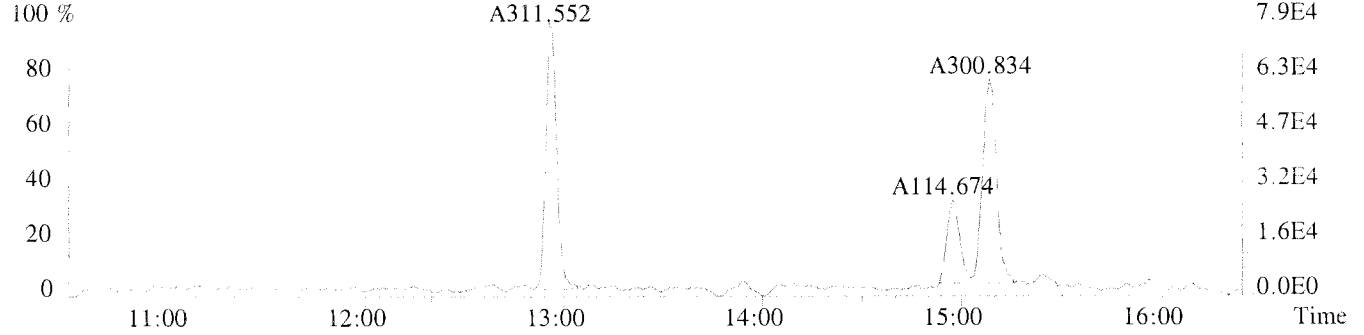
Acquired: 17-JAN-11 13:38:32

163	PCB-208	*	6.00e+02	*	*	7.72e+02	*
164	PCB-207	*	6.00e+02	*	*	7.72e+02	*
165	PCB-206	*	1.25e+03	*	*	1.41e+03	*
166	PCB-209	*	9.84e+02	*	*	9.96e+02	*
167	PCB-11L	5.96e+06	2.44e+03	2.4e+03	1.89e+06	1.76e+04	1.1e+02
168	PCB-3L	4.53e+06	2.44e+03	1.9e+03	1.42e+06	1.76e+04	8.1e+01
169	PCB-4L	3.03e+06	4.32e+03	7.0e+02	1.97e+06	2.80e+03	7.1e+02
170	PCB-15L	2.47e+06	8.28e+03	3.0e+02	1.55e+06	3.79e+03	4.1e+02
171	PCB-19L	1.69e+06	4.95e+04	3.4e+01	1.64e+06	2.82e+04	5.8e+01
172	PCB-37L	1.66e+06	1.43e+04	1.2e+02	1.54e+06	1.02e+04	1.5e+02
173	PCB-54L	2.21e+06	2.85e+03	7.8e+02	2.82e+06	1.50e+03	1.9e+03
174	PCB-81L	1.02e+06	2.18e+03	4.7e+02	1.27e+06	1.35e+03	9.4e+02
175	PCB-77L	9.43e+05	2.18e+03	4.3e+02	1.16e+06	1.35e+03	8.6e+02
176	PCB-104L	2.59e+06	1.37e+03	1.9e+03	1.69e+06	1.41e+03	1.2e+03
177	PCB-123L	1.57e+06	3.38e+03	4.6e+02	1.01e+06	2.46e+03	4.1e+02
178	PCB-118L	1.59e+06	3.38e+03	4.7e+02	1.01e+06	2.46e+03	4.1e+02
179	PCB-114L	1.50e+06	3.38e+03	4.4e+02	9.57e+05	2.46e+03	3.9e+02
180	PCB-105L	1.56e+06	3.38e+03	4.6e+02	9.56e+05	2.46e+03	3.9e+02
181	PCB-126L	1.46e+06	3.38e+03	4.3e+02	9.06e+05	2.46e+03	3.7e+02
182	PCB-155L	2.24e+06	9.20e+02	2.4e+03	1.76e+06	1.92e+03	9.2e+02
183	PCB-167L	1.32e+06	2.01e+03	6.6e+02	1.01e+06	1.24e+03	8.2e+02
184	PCB-156/157L	1.70e+06	2.01e+03	8.5e+02	1.45e+06	1.24e+03	1.2e+03
185	PCB-169L	1.05e+06	2.01e+03	5.2e+02	8.38e+05	1.24e+03	6.8e+02
186	PCB-188L	1.49e+06	1.10e+03	1.4e+03	1.44e+06	1.30e+03	1.1e+03
187	PCB-189L	1.06e+06	1.12e+03	9.5e+02	9.85e+05	8.40e+02	1.2e+03
188	PCB-202L	1.18e+06	1.42e+03	8.3e+02	1.31e+06	1.54e+03	8.5e+02
189	PCB-205L	1.03e+06	1.42e+03	7.3e+02	1.22e+06	1.54e+03	7.9e+02
190	PCB-208L	1.10e+06	1.00e+03	1.1e+03	1.34e+06	9.40e+02	1.4e+03
191	PCB-206L	6.83e+05	1.20e+03	5.7e+02	8.66e+05	1.01e+03	8.6e+02
192	PCB-209L	1.11e+06	8.68e+02	1.3e+03	9.14e+05	1.02e+03	9.0e+02
193	PCB-28L	1.99e+05	1.43e+04	1.4e+01	1.89e+05	1.02e+04	1.8e+01
194	PCB-111L	1.30e+05	1.71e+03	7.6e+01	8.09e+04	1.36e+03	5.9e+01
195	PCB-178L	9.09e+04	1.10e+03	8.3e+01	9.22e+04	1.30e+03	7.1e+01
196	PCB-9L	3.57e+06	8.28e+03	4.3e+02	2.18e+06	3.79e+03	5.8e+02
197	PCB-52L	1.39e+06	1.98e+03	7.0e+02	1.77e+06	1.66e+03	1.1e+03
198	PCB-101L	1.49e+06	1.71e+03	8.7e+02	9.76e+05	1.36e+03	7.2e+02
199	PCB-138L	1.54e+06	1.28e+03	1.2e+03	1.19e+06	1.61e+03	7.4e+02
200	PCB-194L	8.14e+05	1.42e+03	5.7e+02	9.05e+05	1.54e+03	5.9e+02

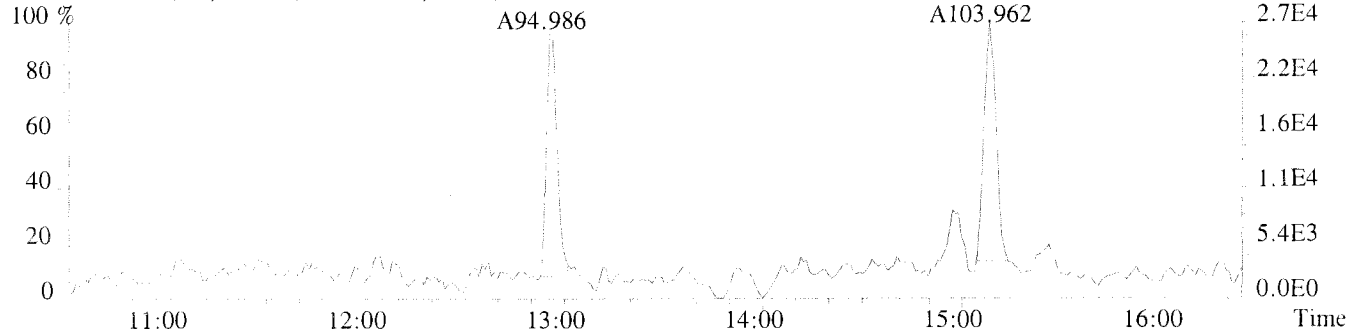
File:U224774 #1-379 Acq:17-JAN-2011 13:38:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-011DL USENE/W09

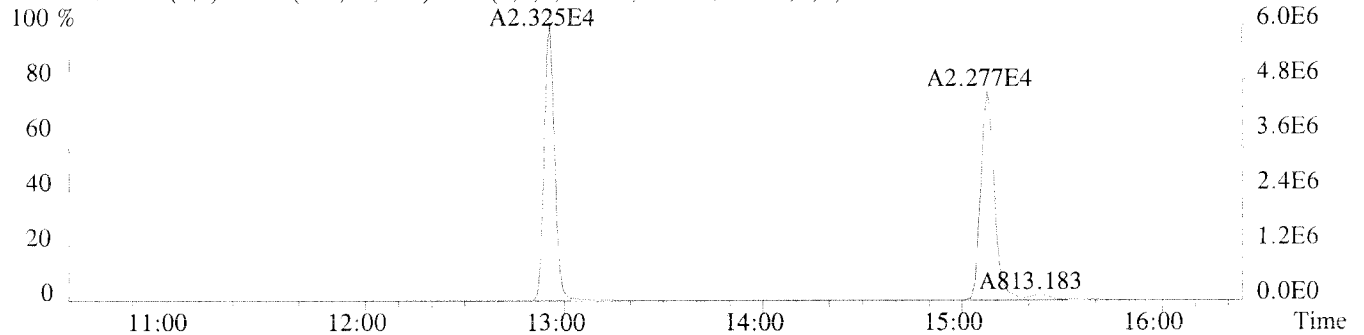
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2820.0,1.00%,F,T)



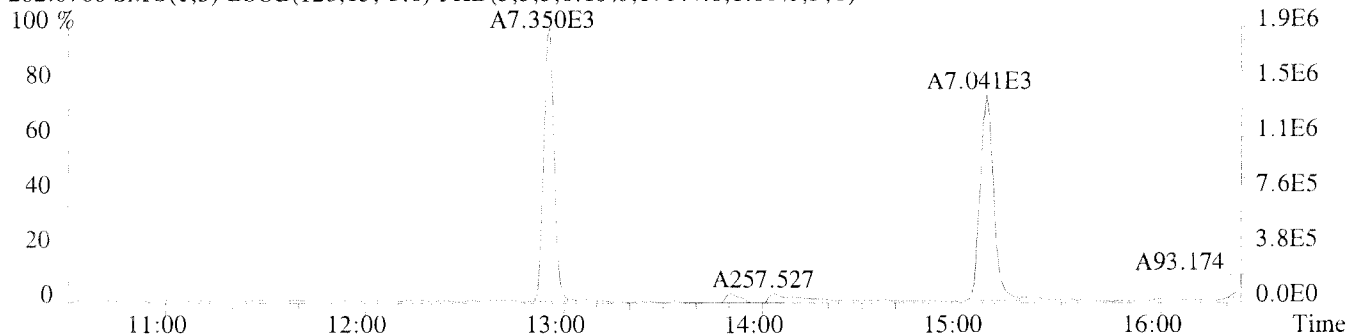
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3104.0,1.00%,F,T)



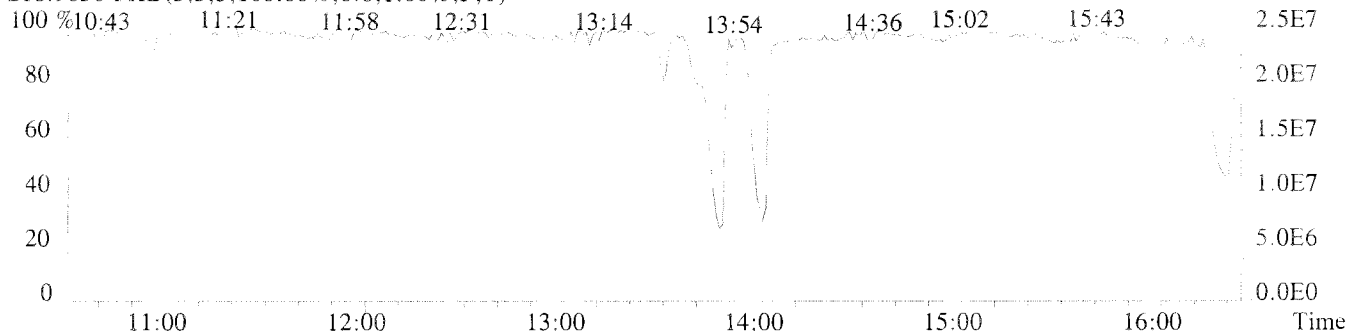
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2444.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,17644.0,1.00%,F,T)



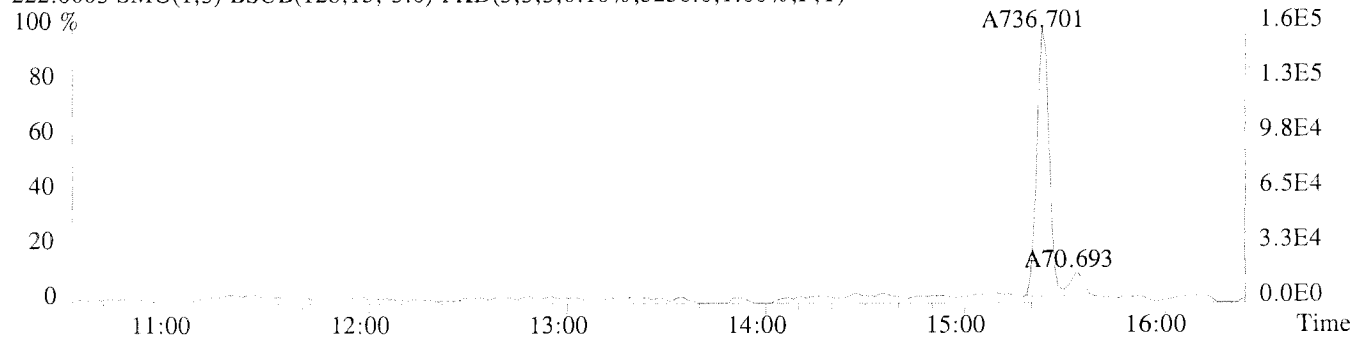
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



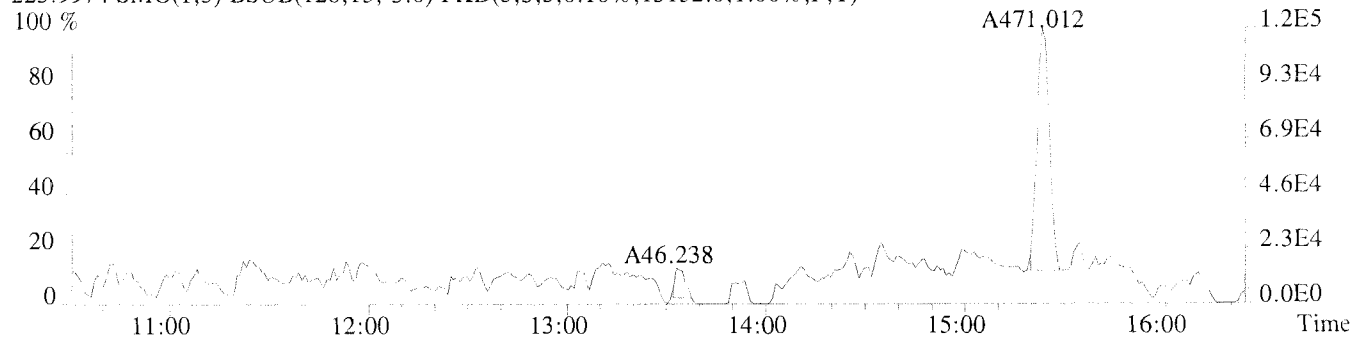
File:U224774 #1-379 Acq:17-JAN-2011 13:38:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-011DL USENE/W09

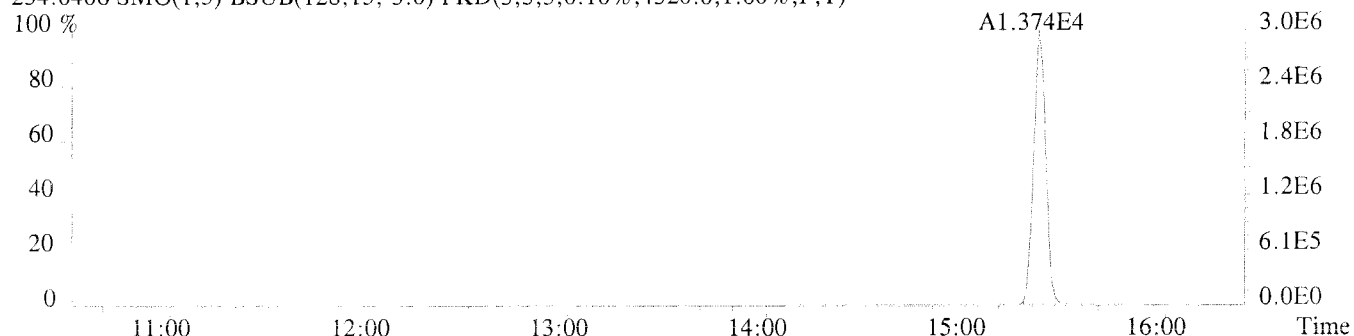
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3256.0,1.00%,F,T)



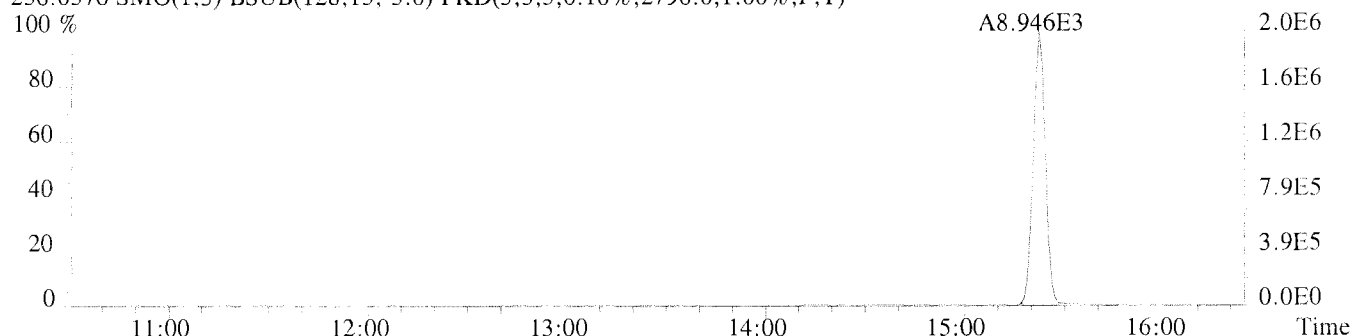
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13152.0,1.00%,F,T)



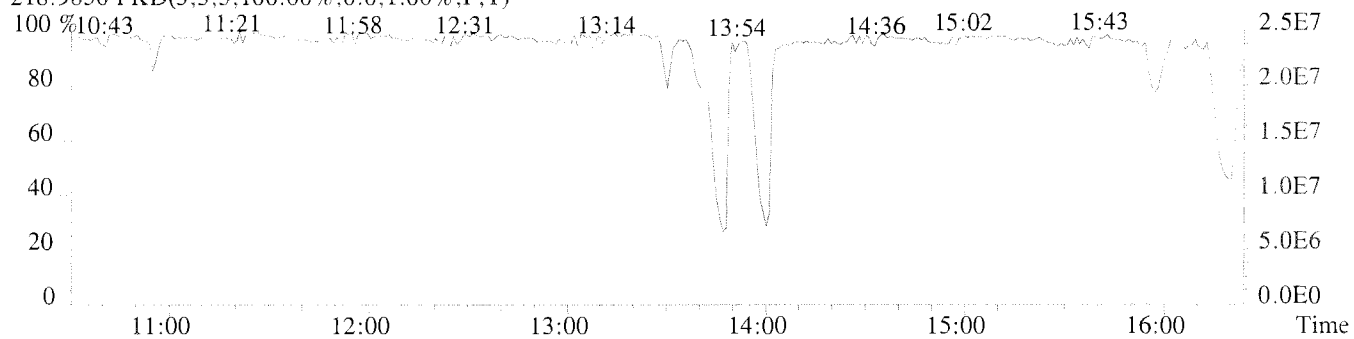
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4320.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2796.0,1.00%,F,T)

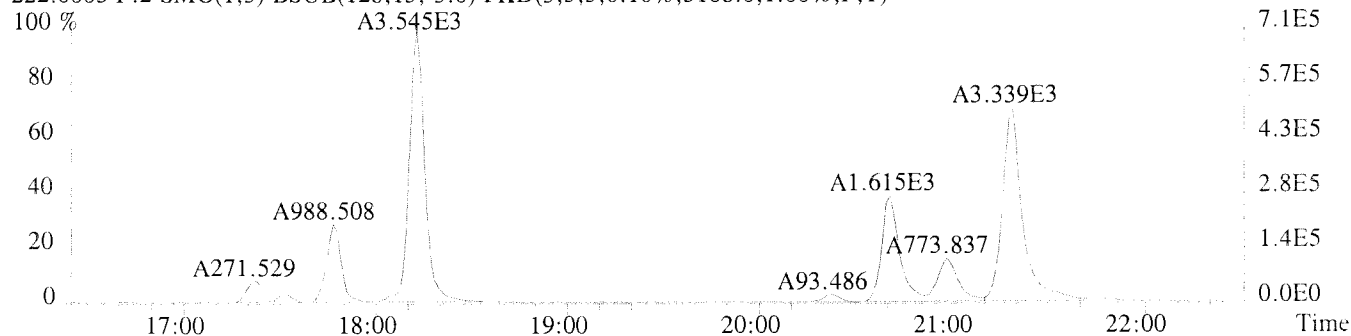


218.9856 PKD(3,3,3,100.00%.0.0,1.00%,F,T)

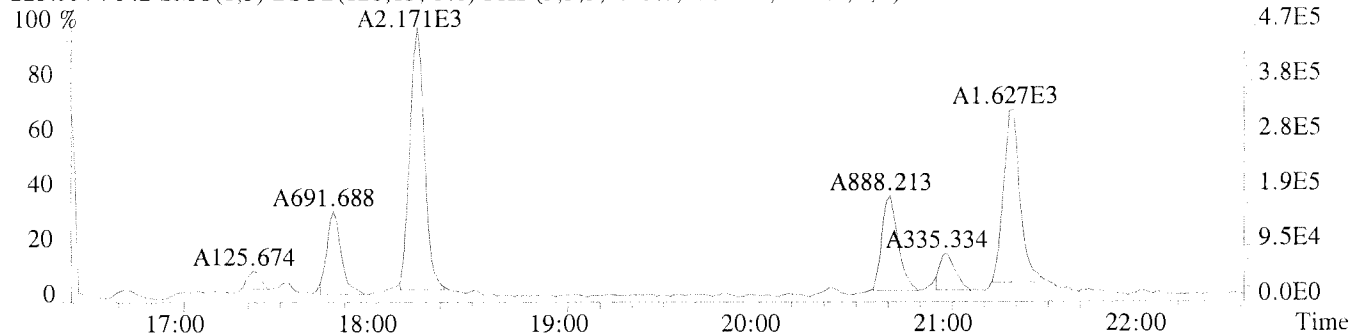


File:U224774 #1-337 Acq:17-JAN-2011 13:38:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011DL USENE/W09

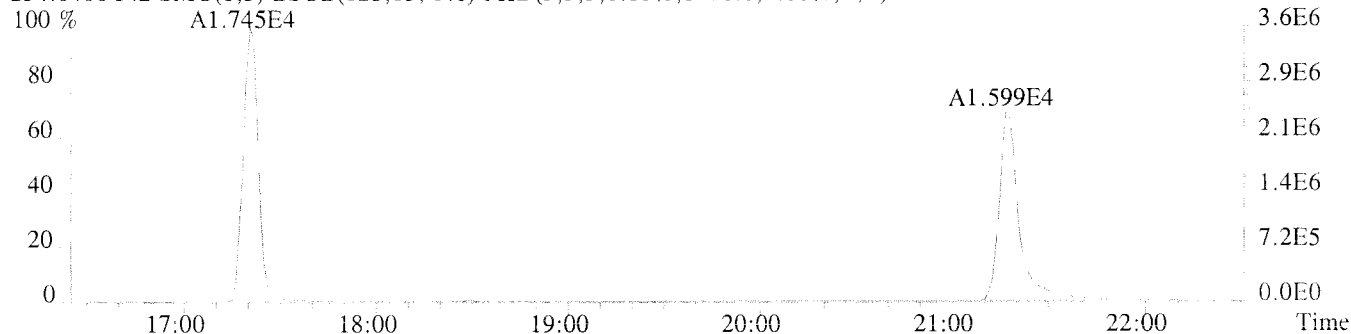
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3168.0,1.00%,F,T)



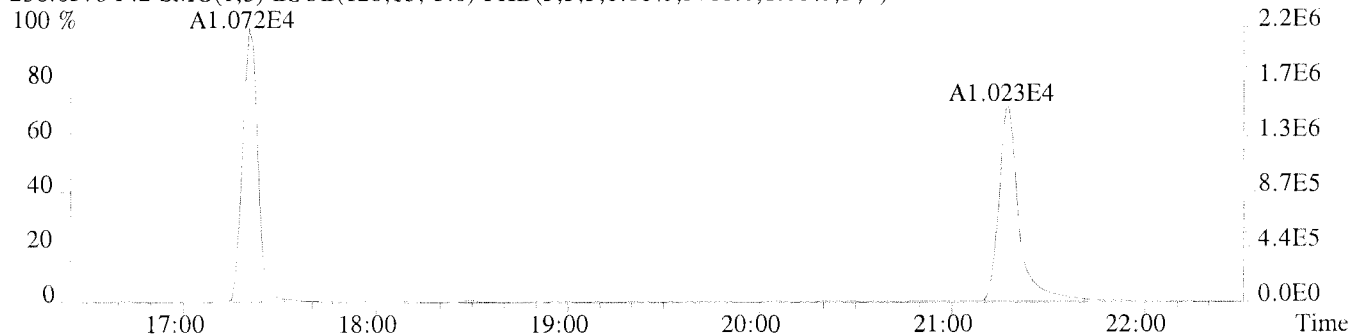
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,17828.0,1.00%,F,T)



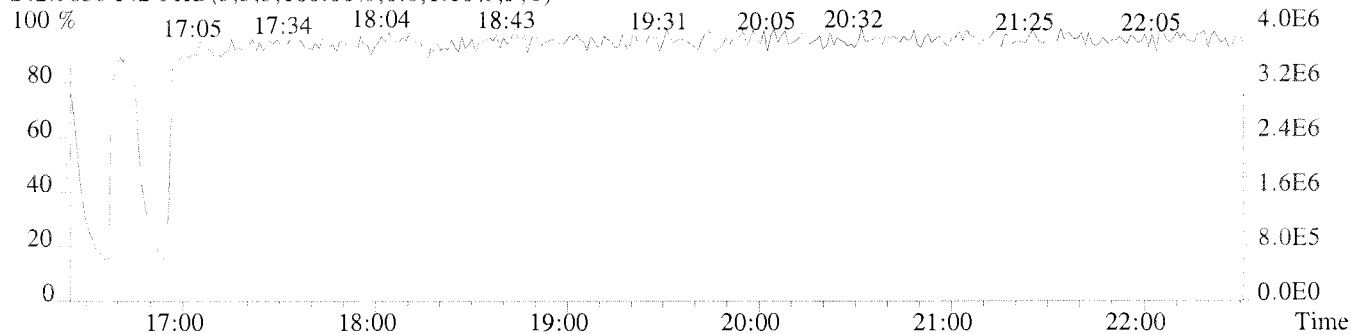
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8276.0,1.00%,F,T)



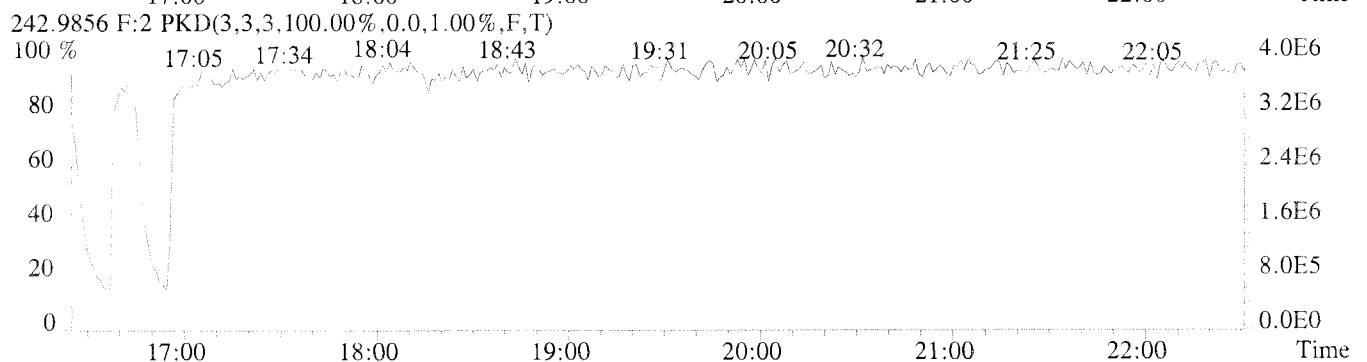
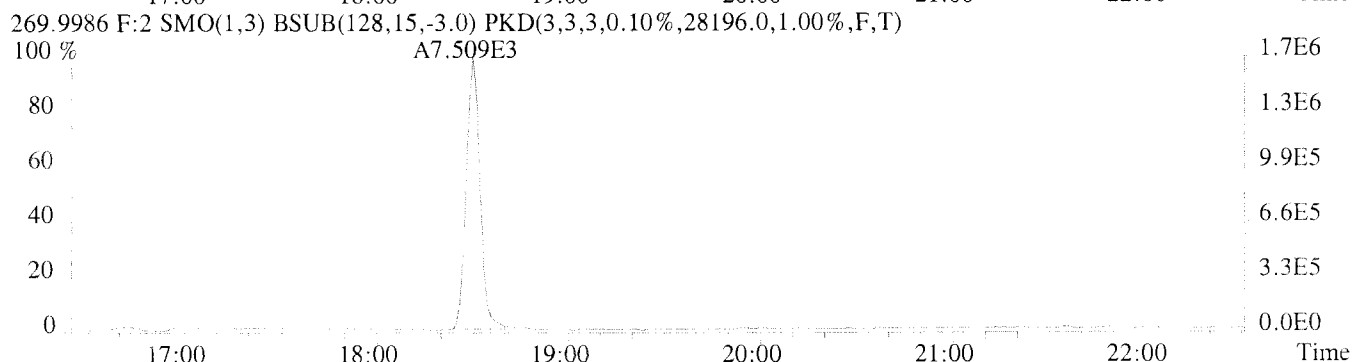
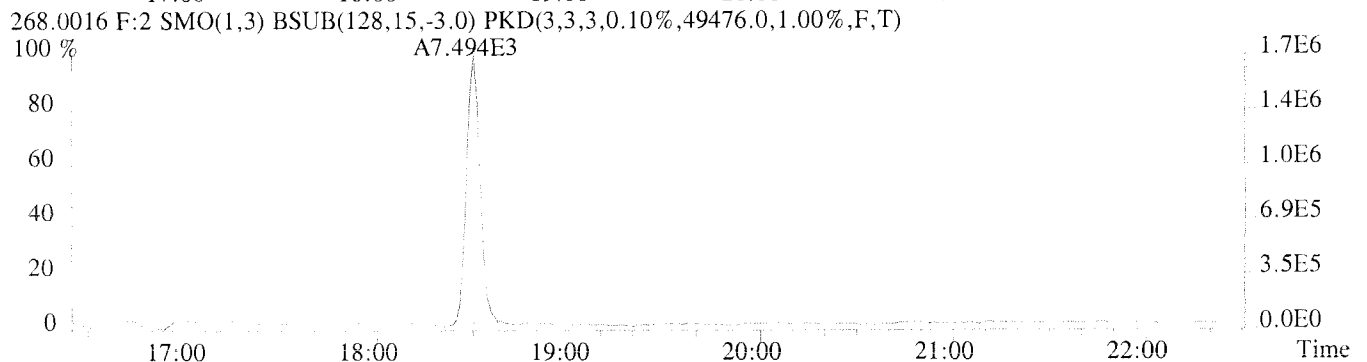
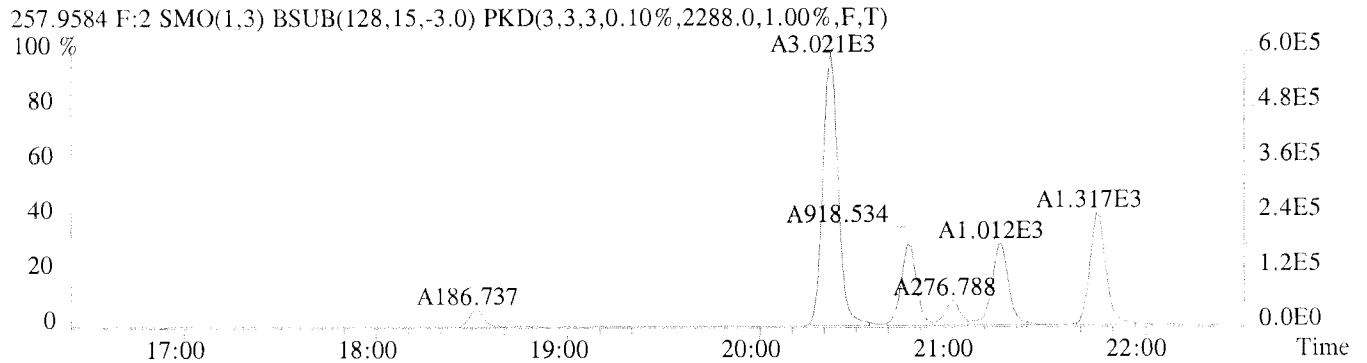
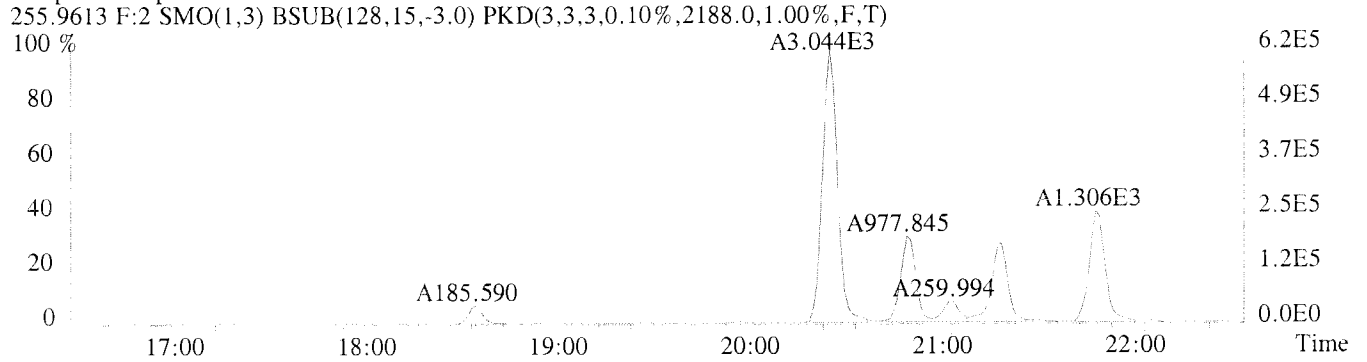
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3788.0,1.00%,F,T)



242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

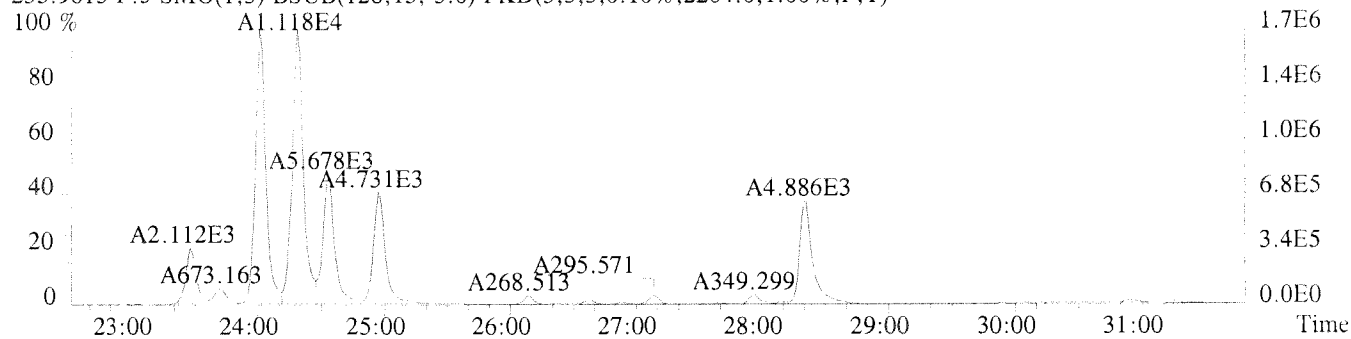


File:U224774 #1-337 Acq:17-JAN-2011 13:38:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011DL USENE/W09

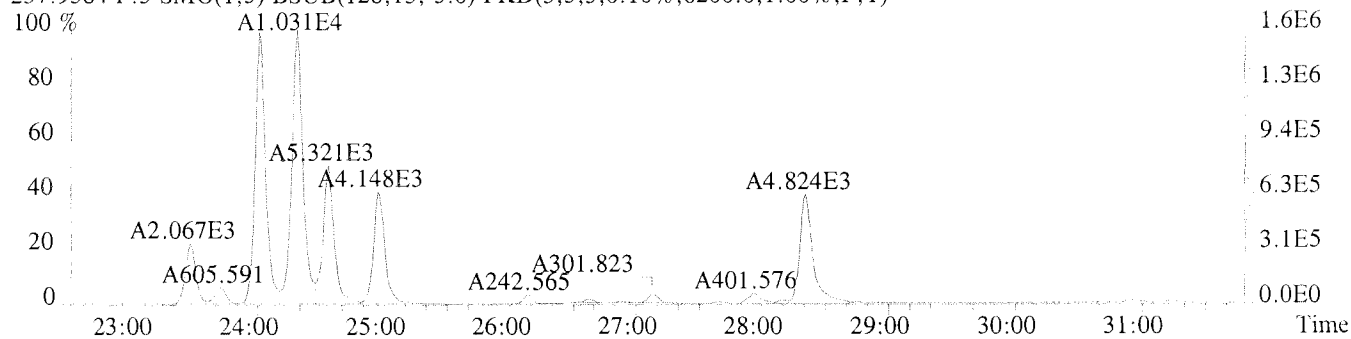


File:U224774 #1-594 Acq:17-JAN-2011 13:38:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011DL USENE/W09

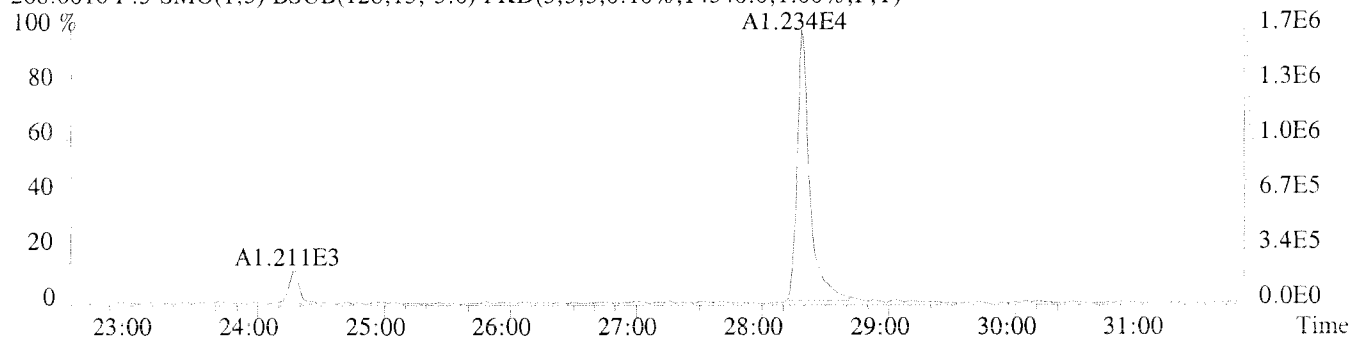
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2204.0,1.00%,F,T)



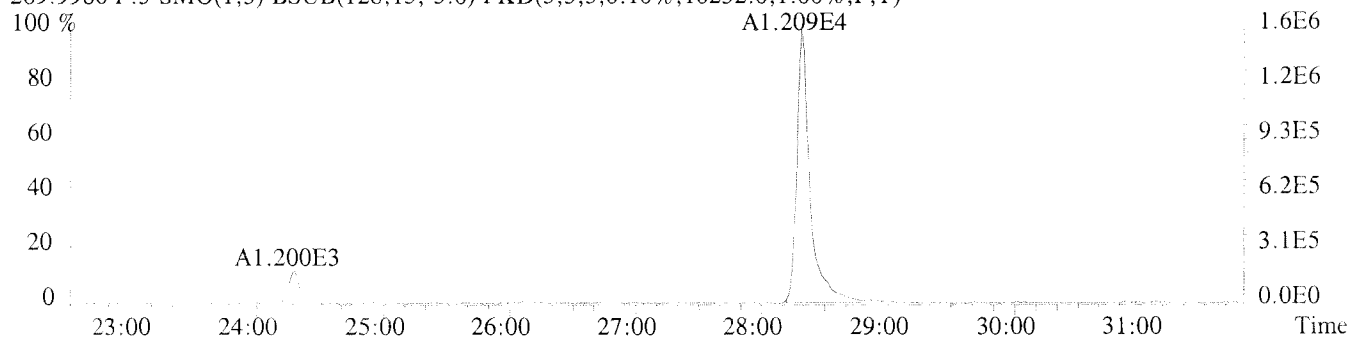
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6200.0,1.00%,F,T)



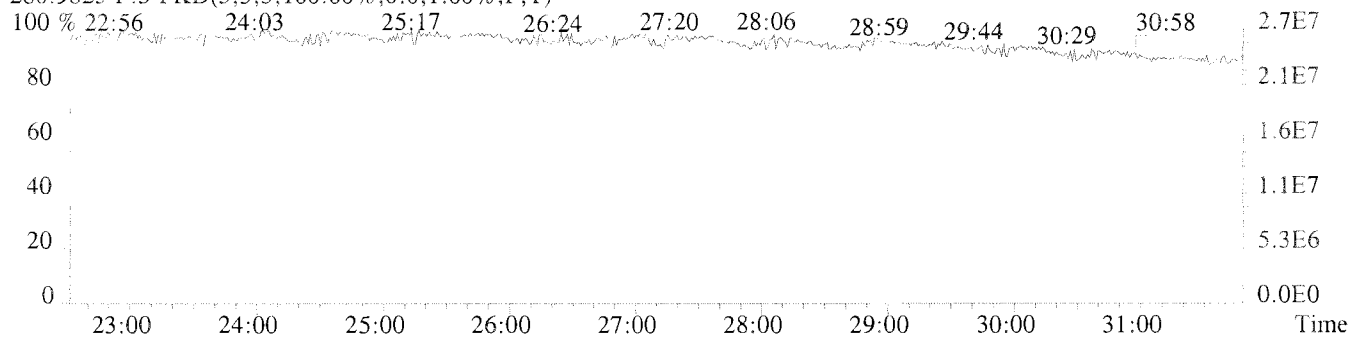
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14340.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10232.0,1.00%,F,T)



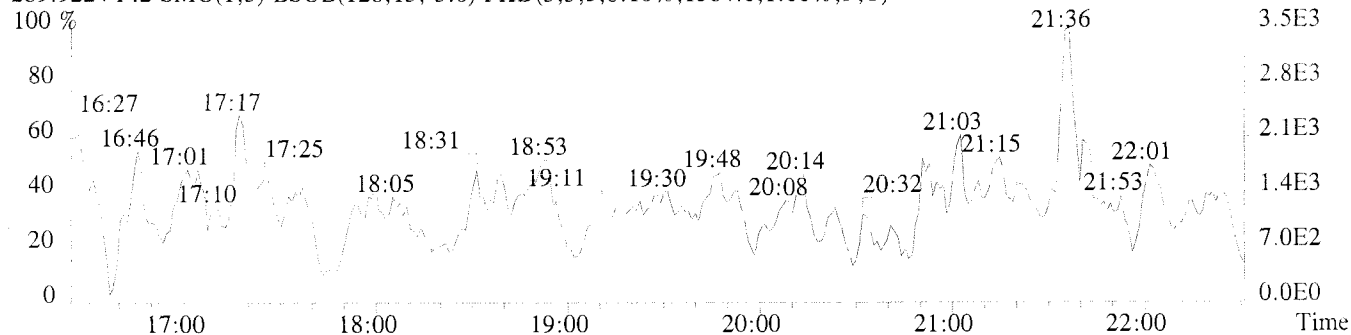
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



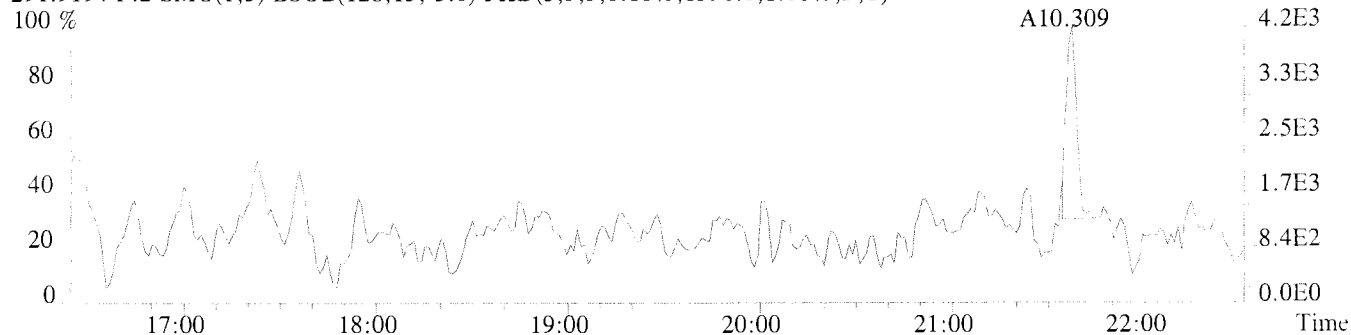
File:U224774 #1-337 Acq:17-JAN-2011 13:38:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-011DL USENE/W09

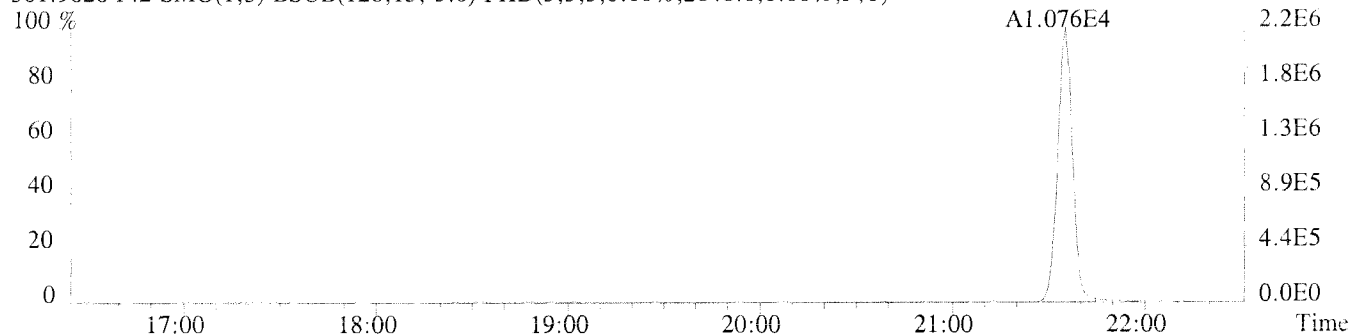
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1584.0,1.00%,F,T)



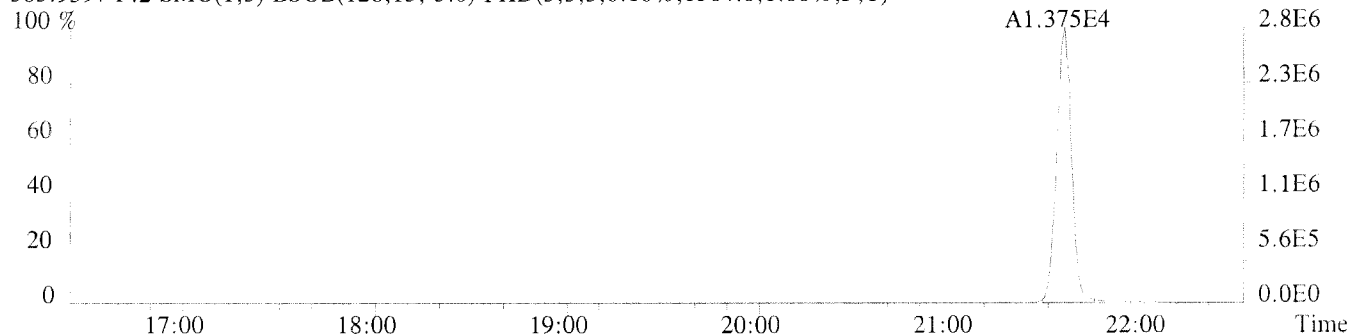
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1396.0,1.00%,F,T)



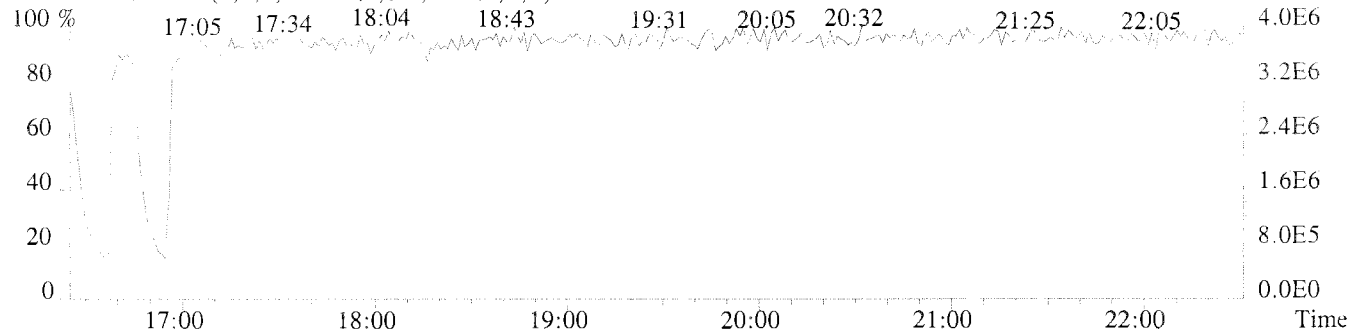
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2848.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1504.0,1.00%,F,T)



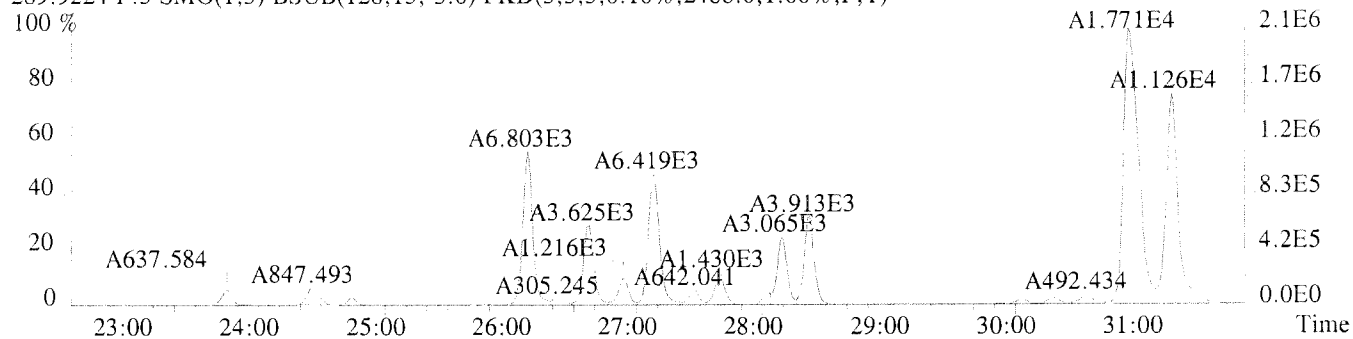
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



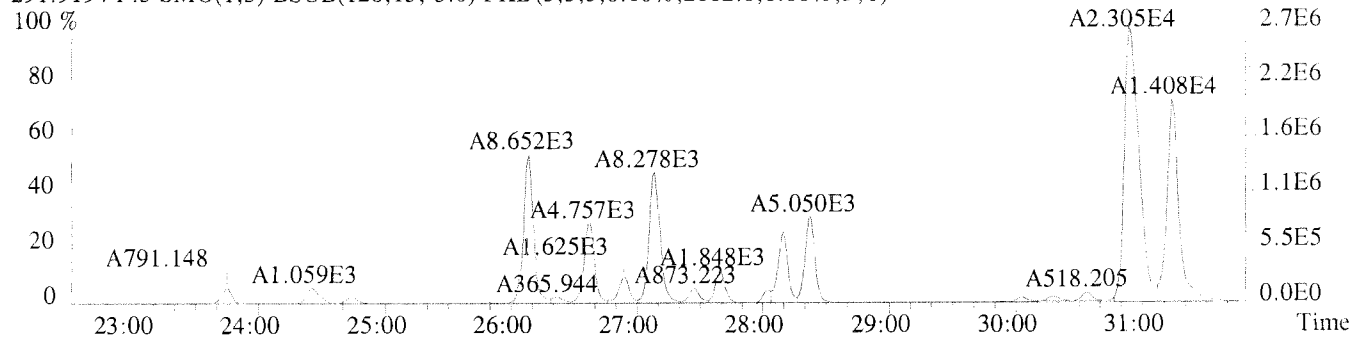
File:U224774 #1-594 Acq:17-JAN-2011 13:38:32 Probe E1+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-011DL USENE/W09

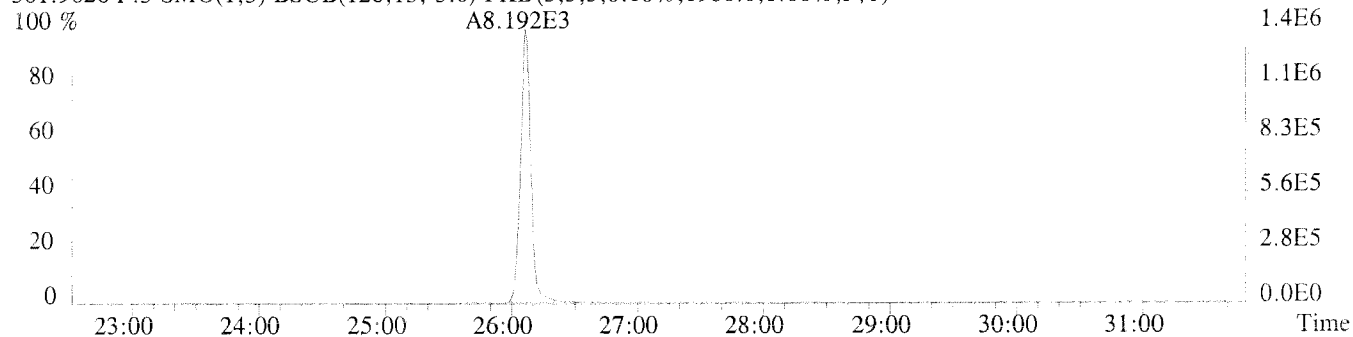
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2488.0,1.00%,F,T)



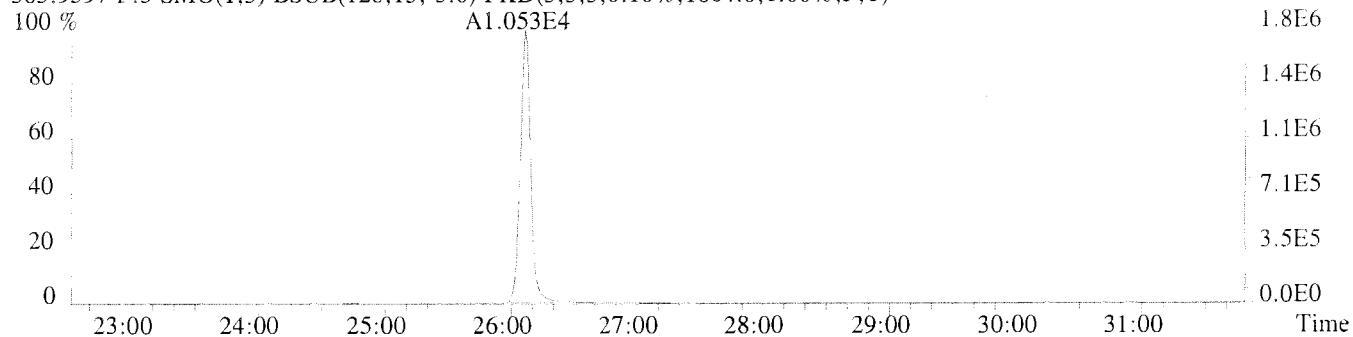
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2112.0,1.00%,F,T)



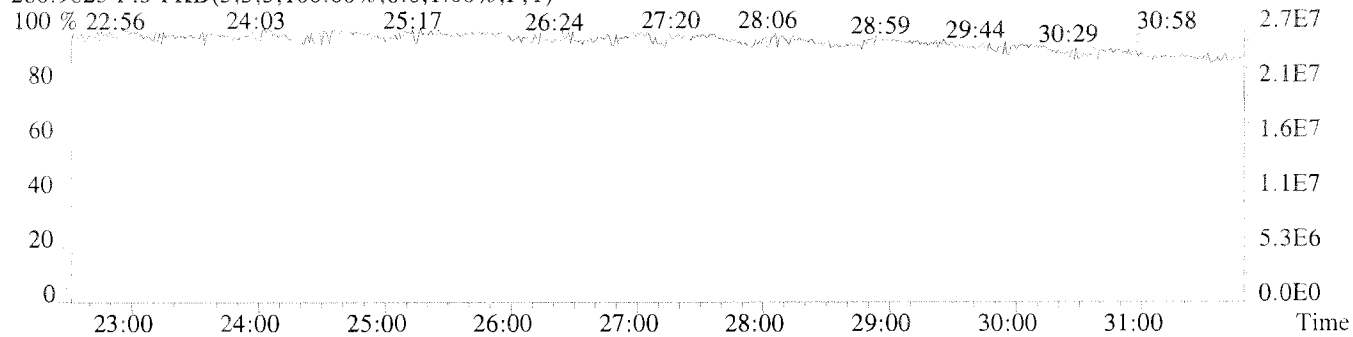
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1980.0,1.00%,F,T)



303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1664.0,1.00%,F,T)



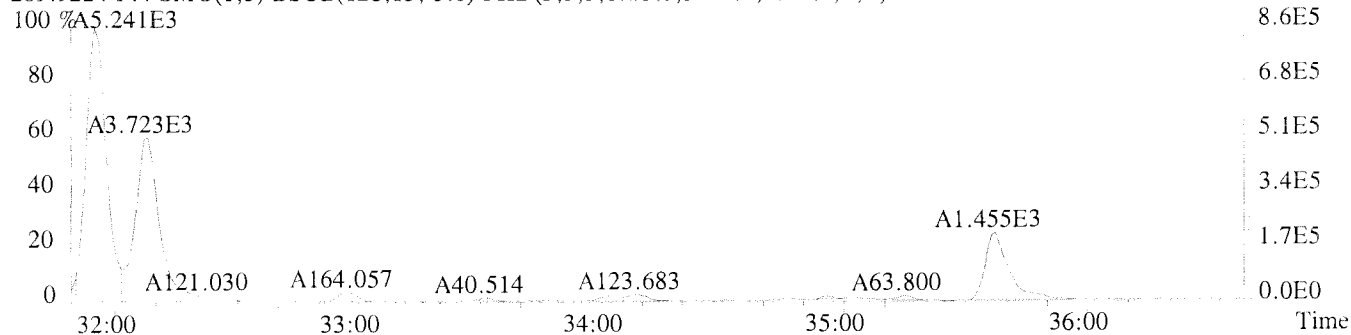
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



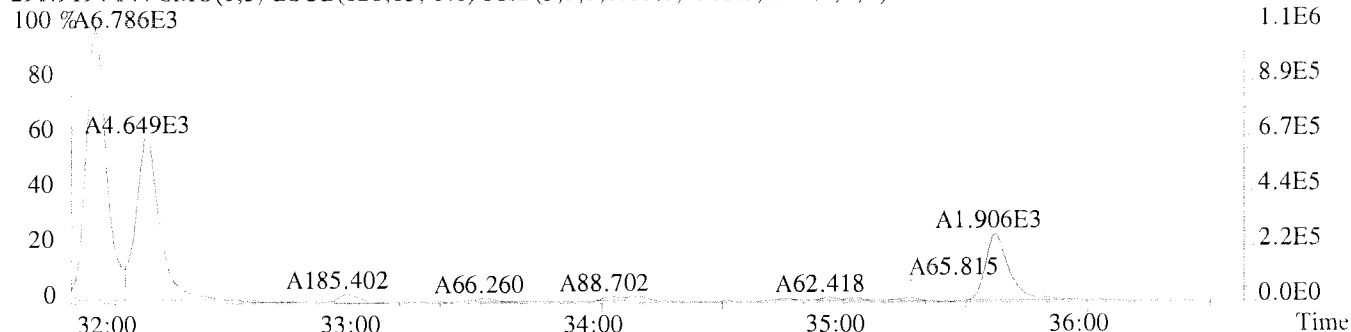
File:U224774 #1-309 Acq:17-JAN-2011 13:38:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-011DL USENE/W09

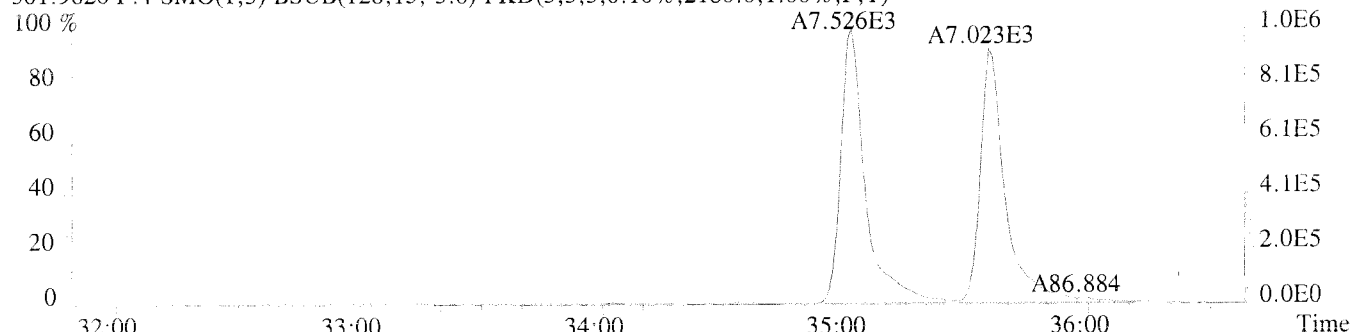
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3132.0,1.00%,F,T)



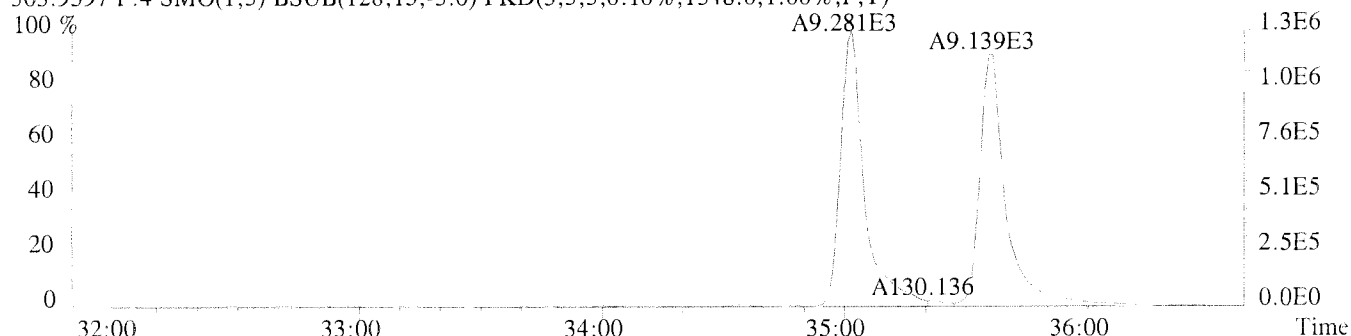
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4568.0,1.00%,F,T)



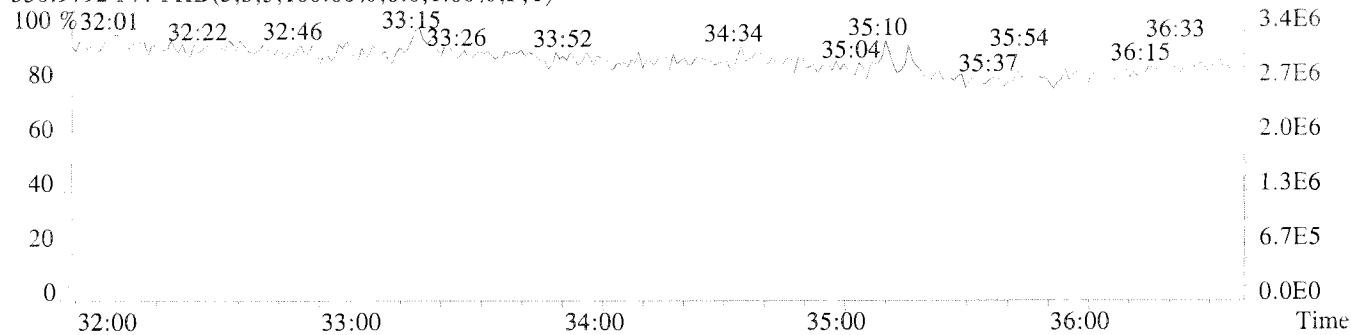
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2180.0,1.00%,F,T)

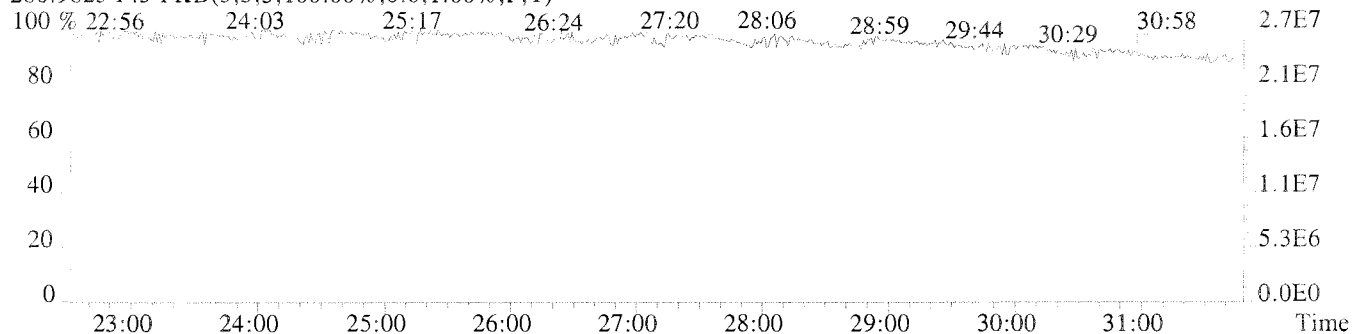
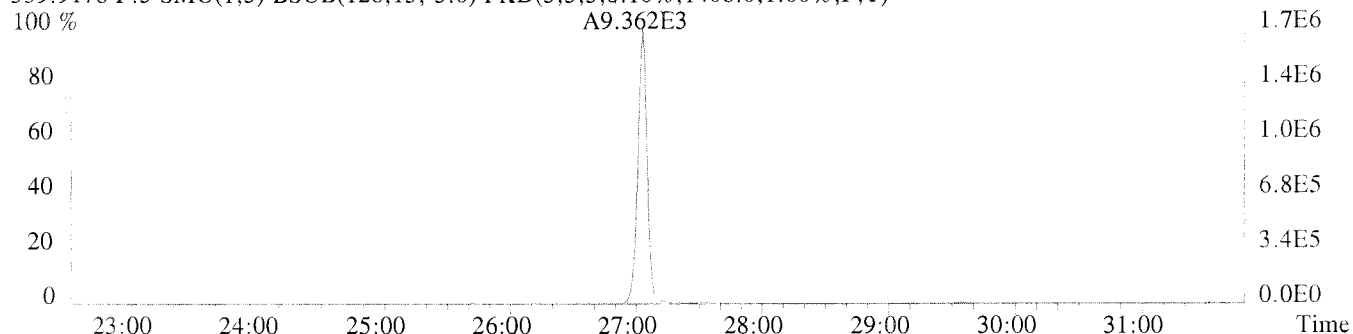
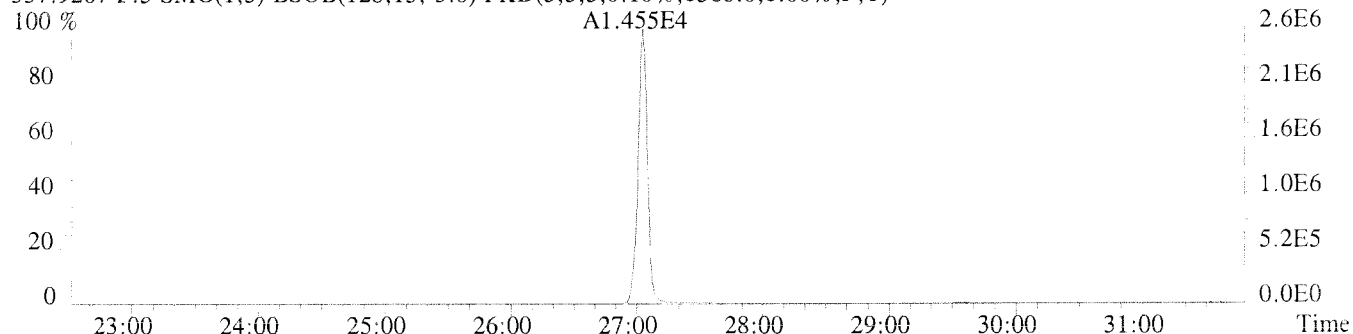
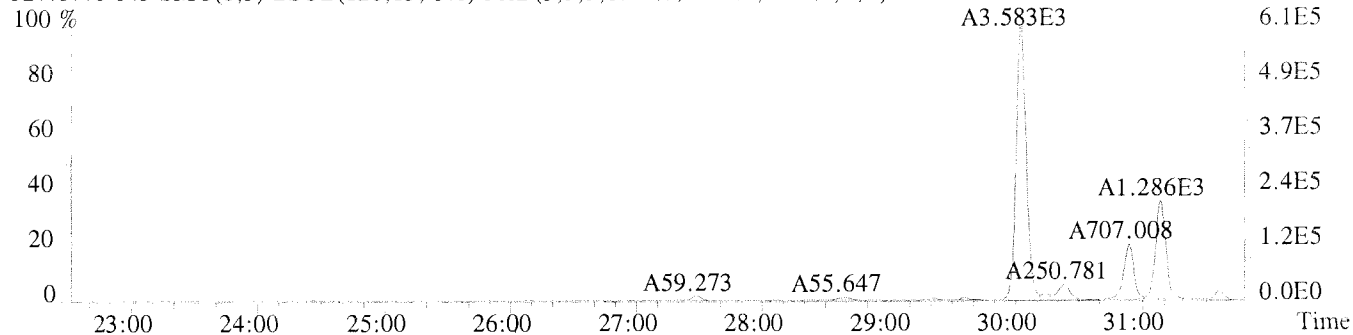
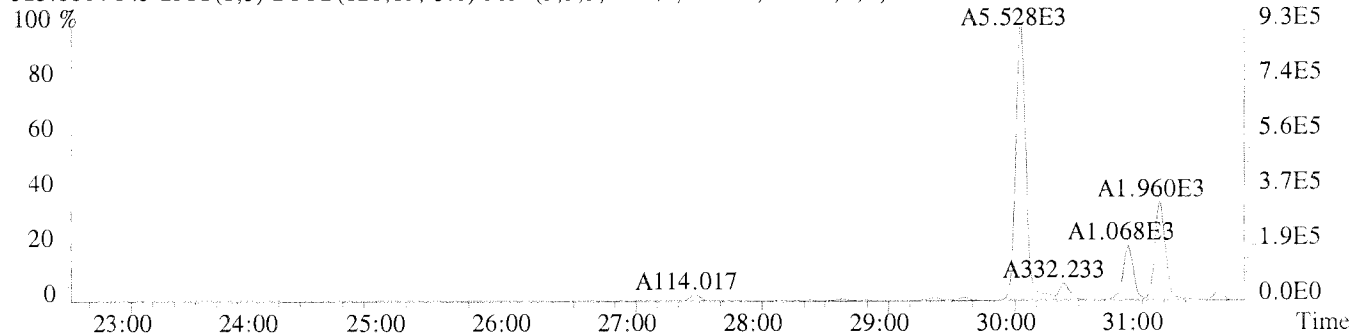


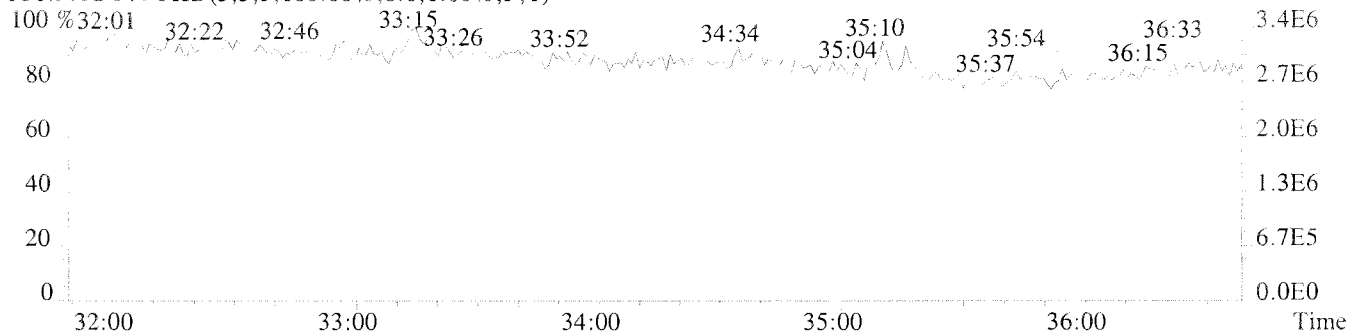
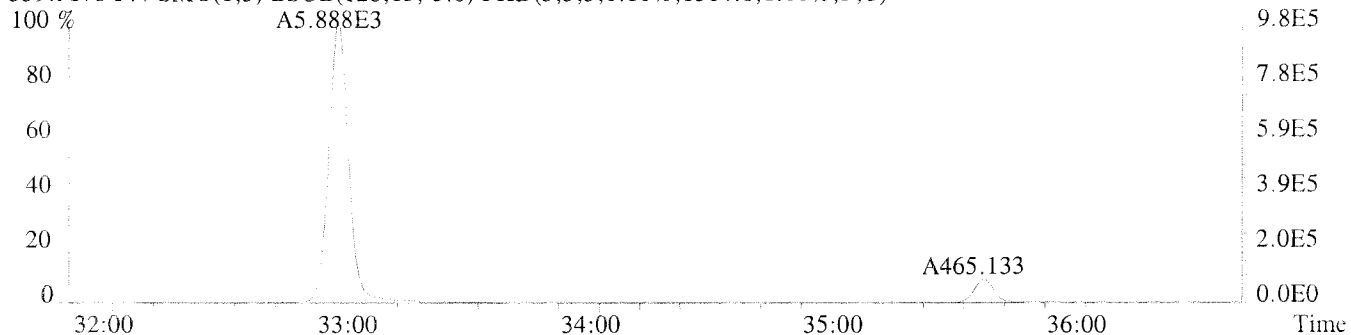
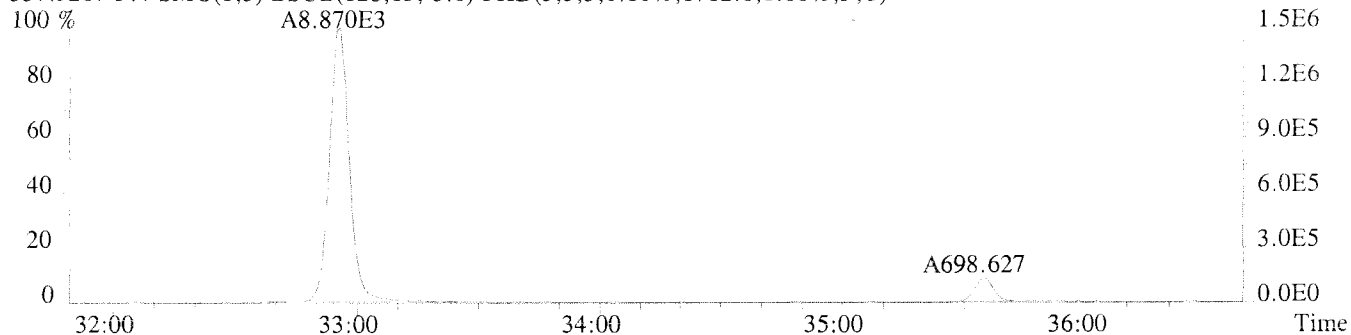
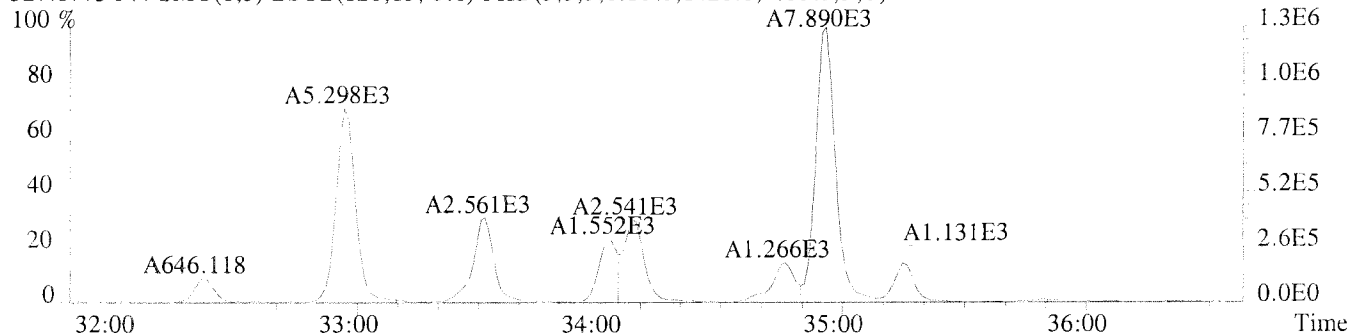
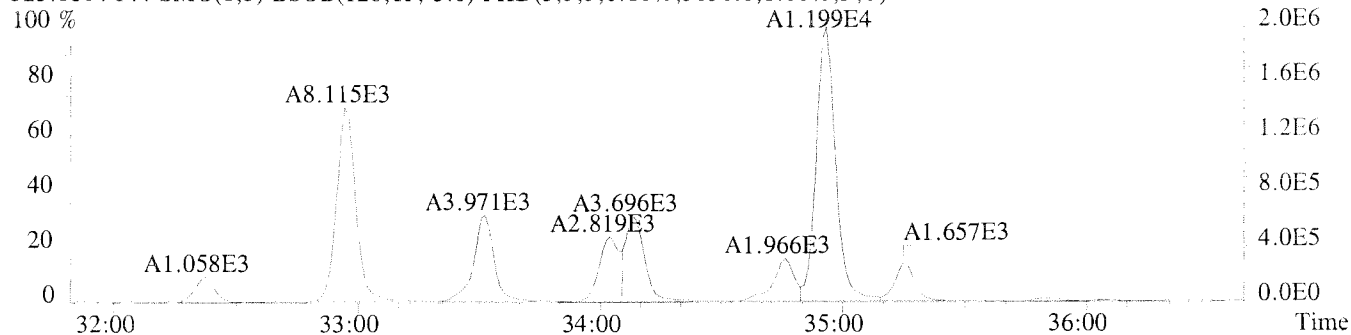
303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1348.0,1.00%,F,T)



330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

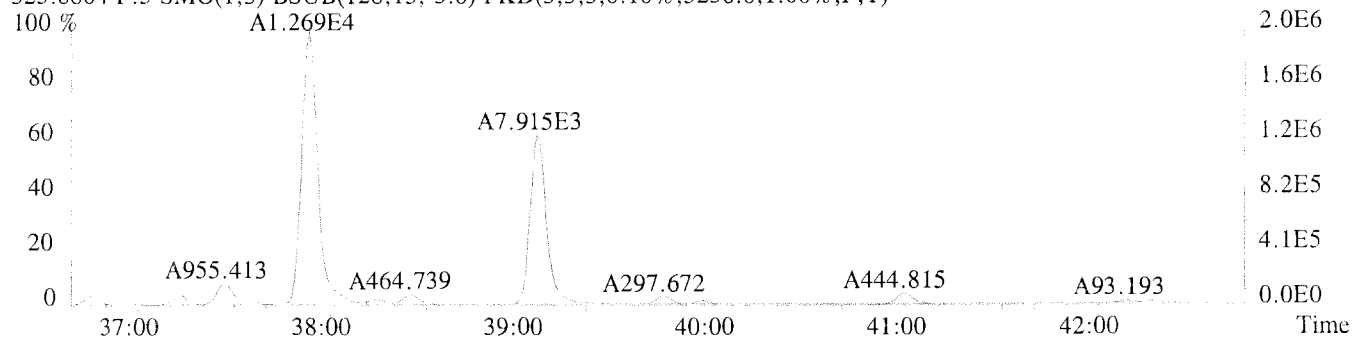




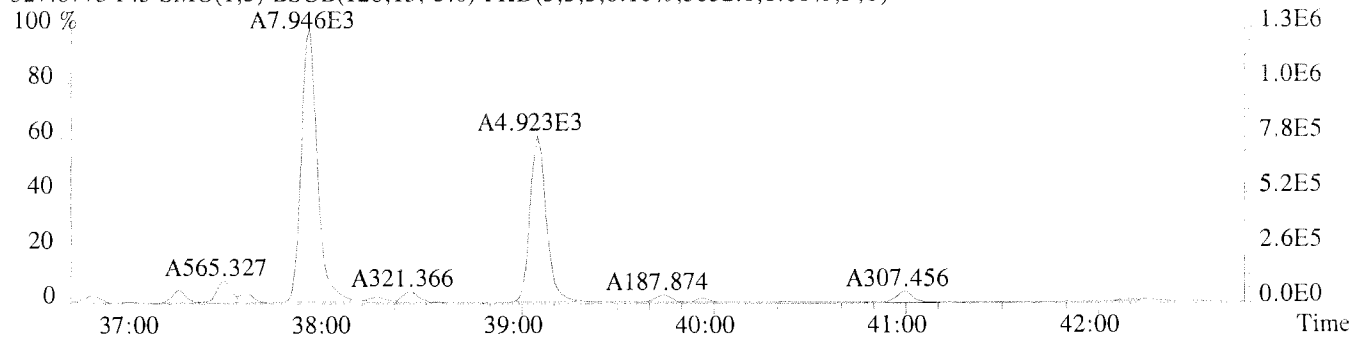


File:U224774 #1-391 Acq:17-JAN-2011 13:38:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011DL USENE/W09

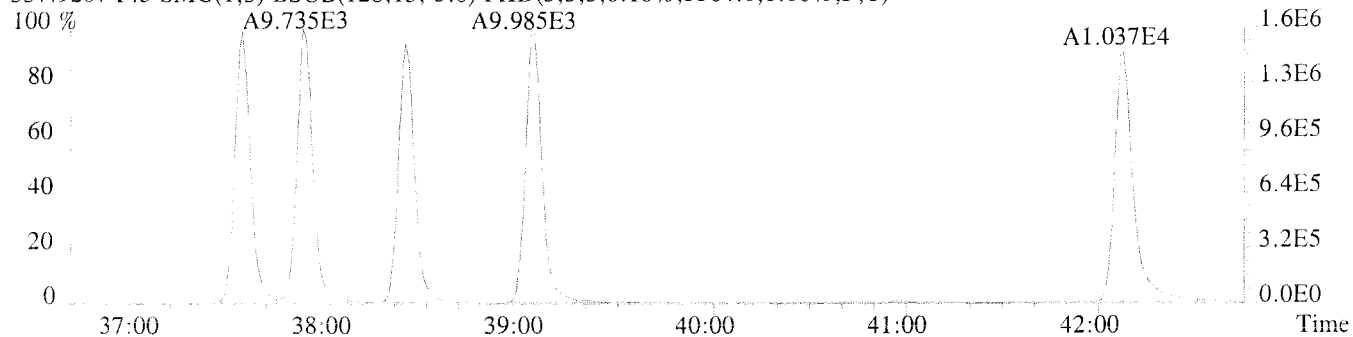
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5236.0,1.00%,F,T)



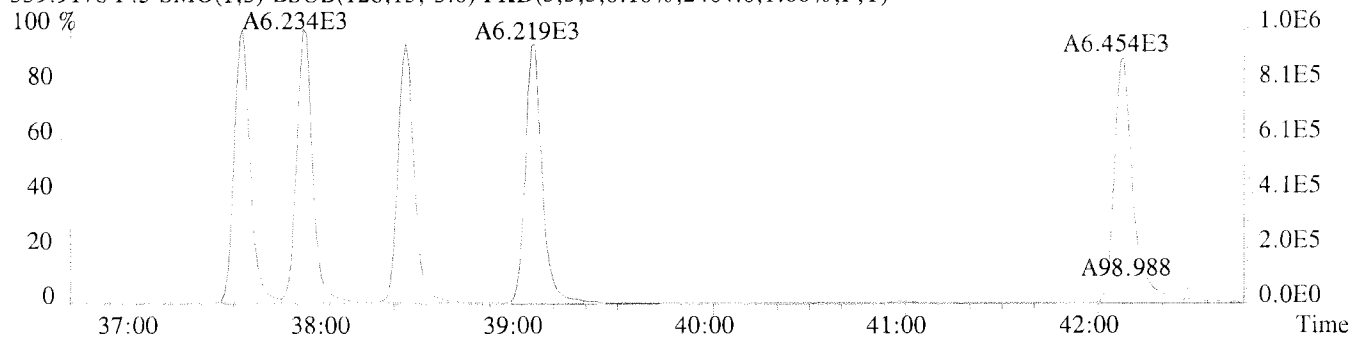
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3852.0,1.00%,F,T)



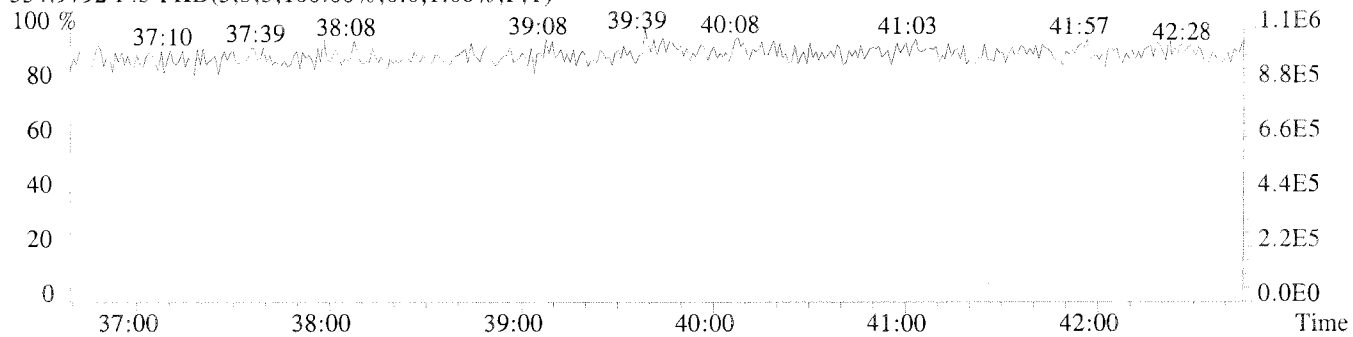
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3384.0,1.00%,F,T)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2464.0,1.00%,F,T)



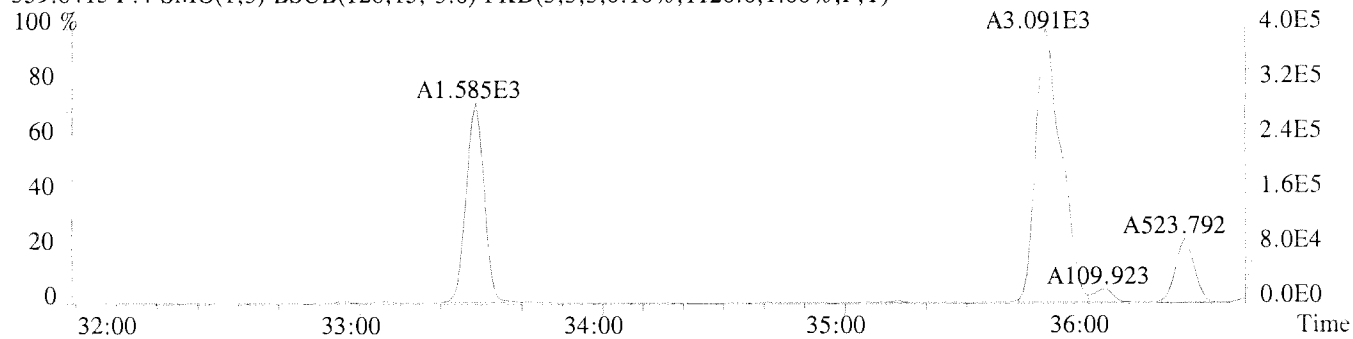
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



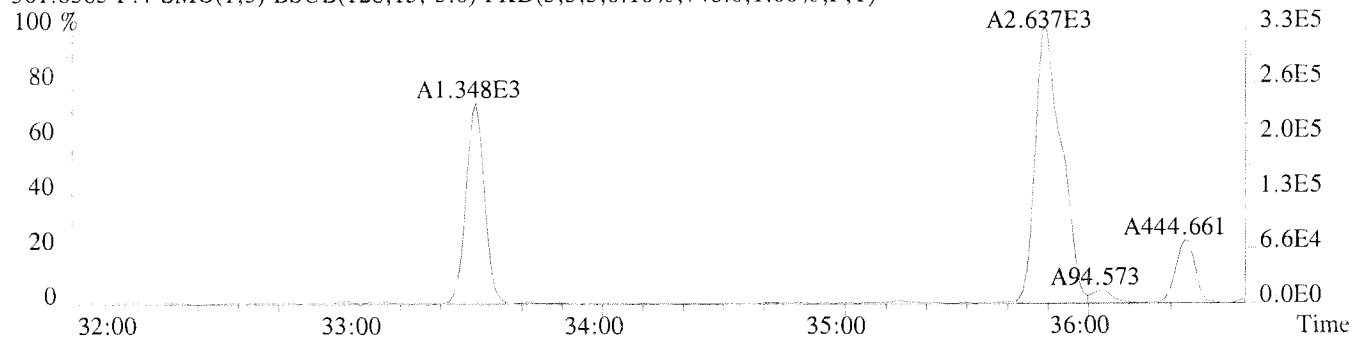
File:U224774 #1-309 Acq:17-JAN-2011 13:38:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-011DL USENE/W09

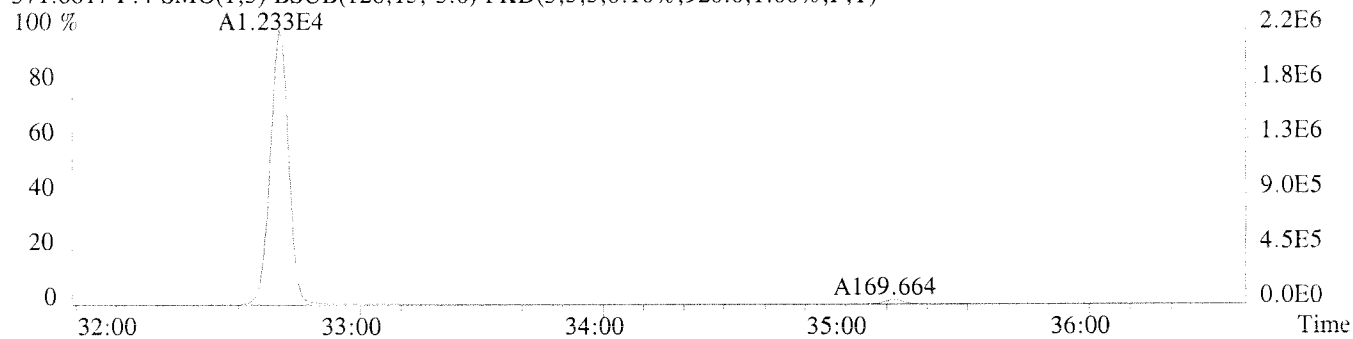
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1120.0,1.00%,F,T)



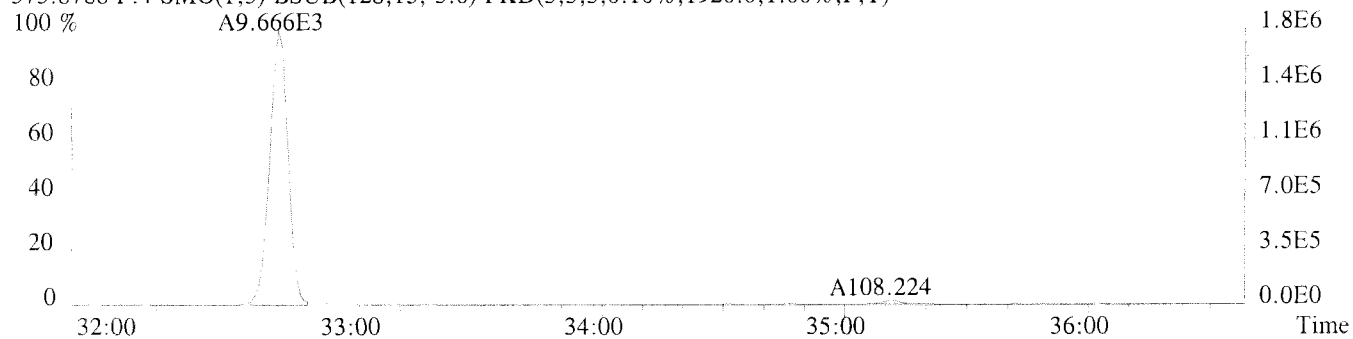
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,748.0,1.00%,F,T)



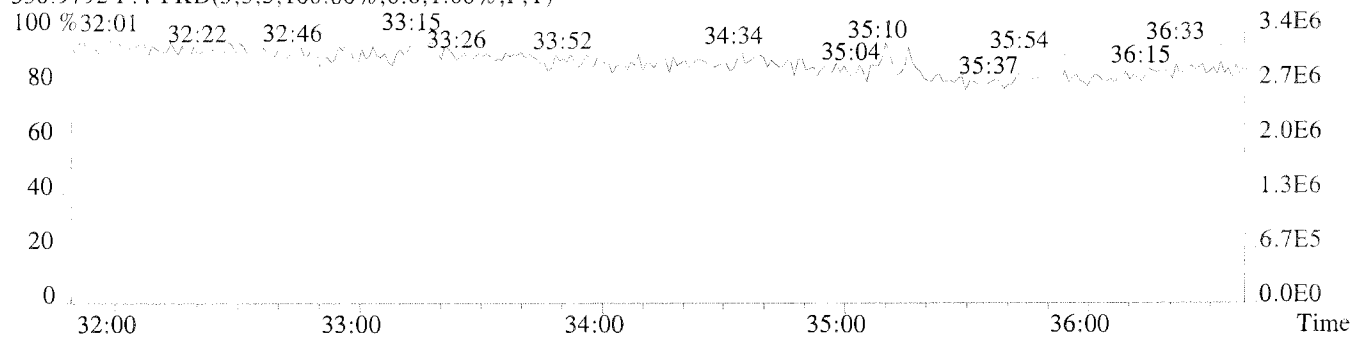
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,920.0,1.00%,F,T)



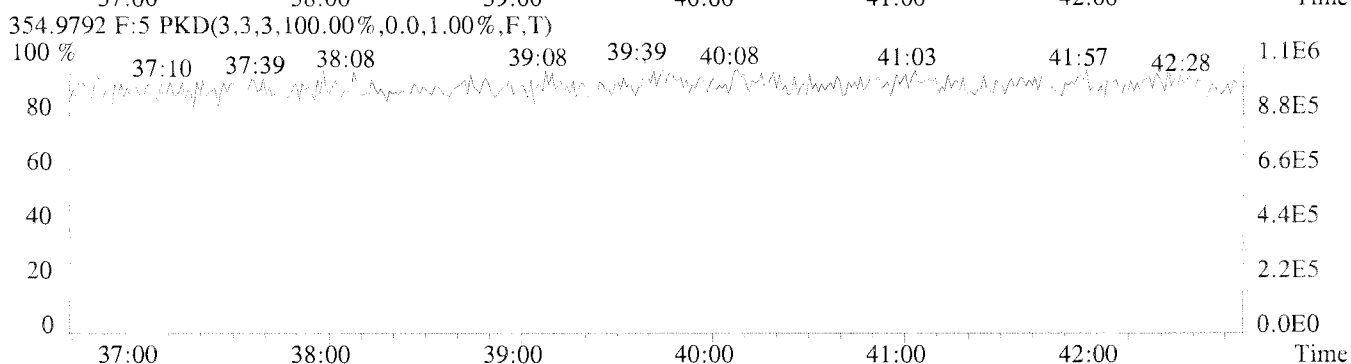
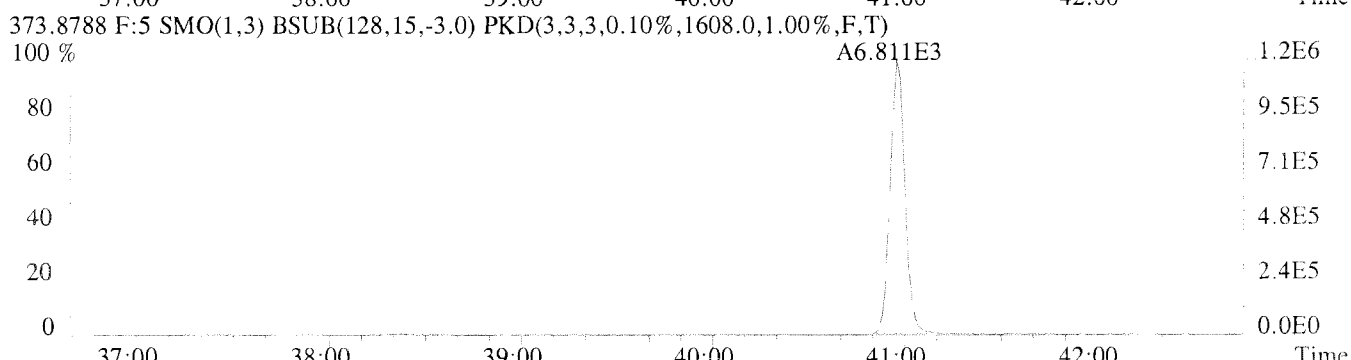
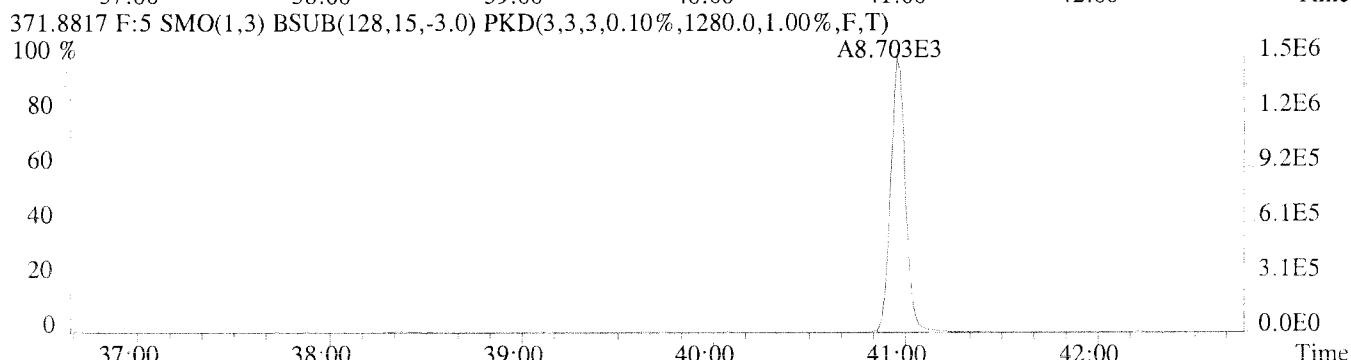
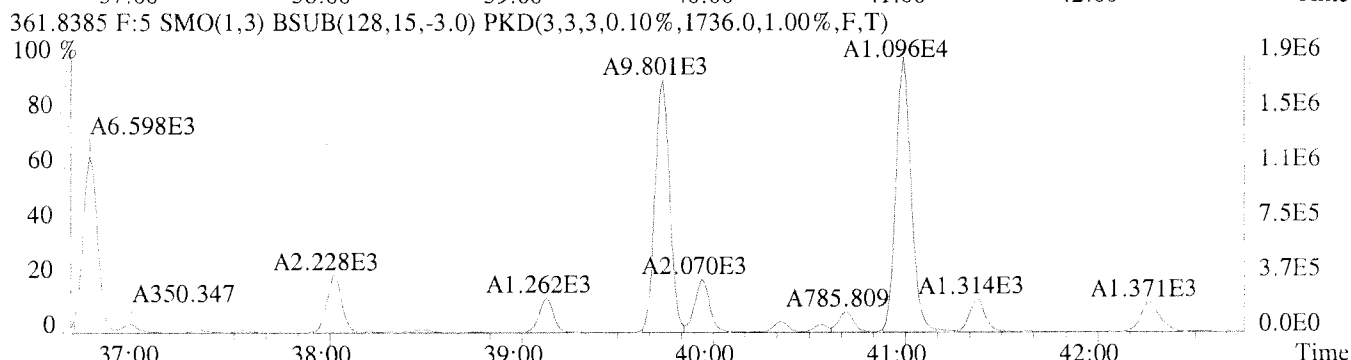
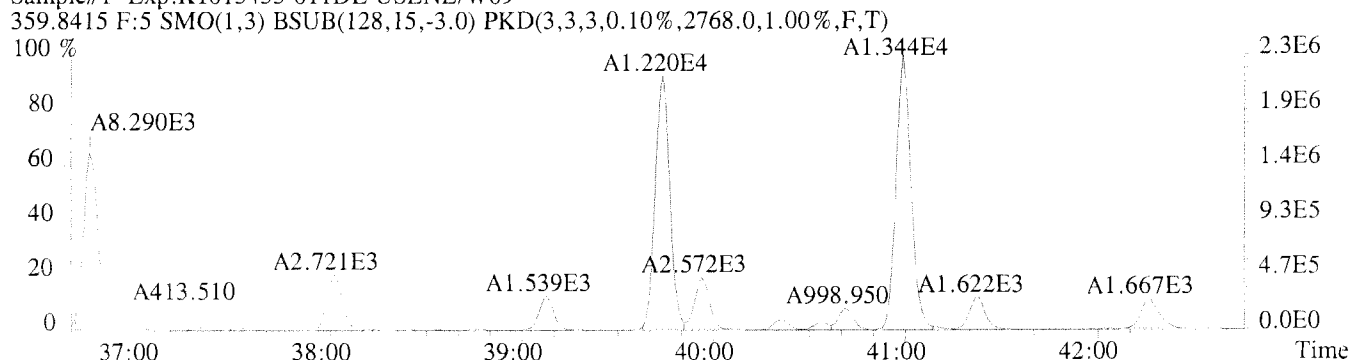
373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1920.0,1.00%,F,T)



330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



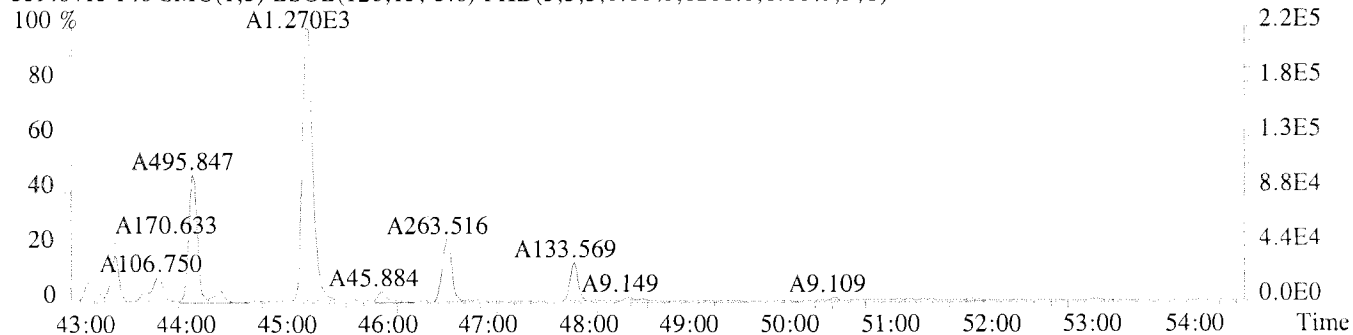
File:U224774 #1-391 Acq:17-JAN-2011 13:38:32 Probe E1+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011DL USENE/W09



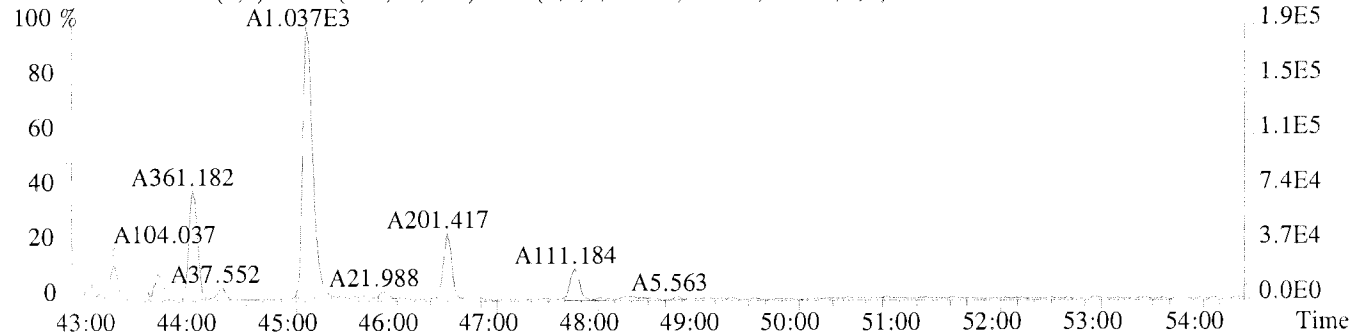
File:U224774 #1-577 Acq:17-JAN-2011 13:38:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-011DL USENE/W09

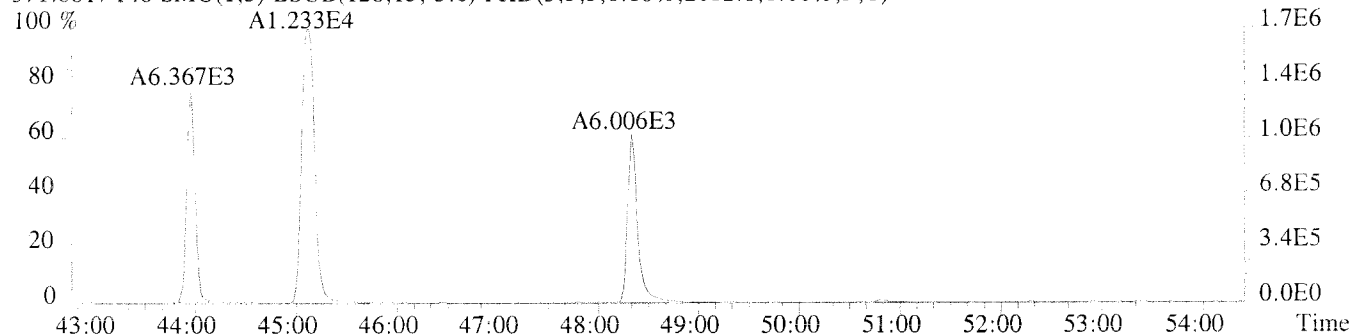
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1208.0,1.00%,F,T)



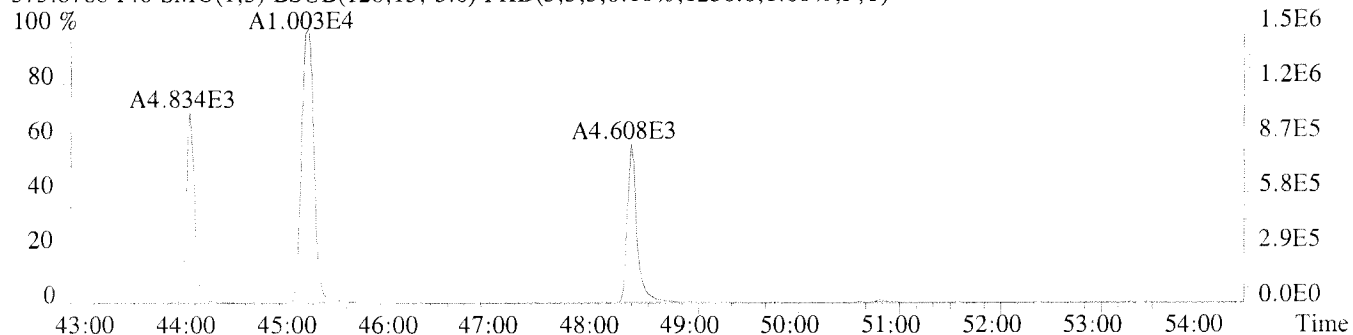
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1080.0,1.00%,F,T)



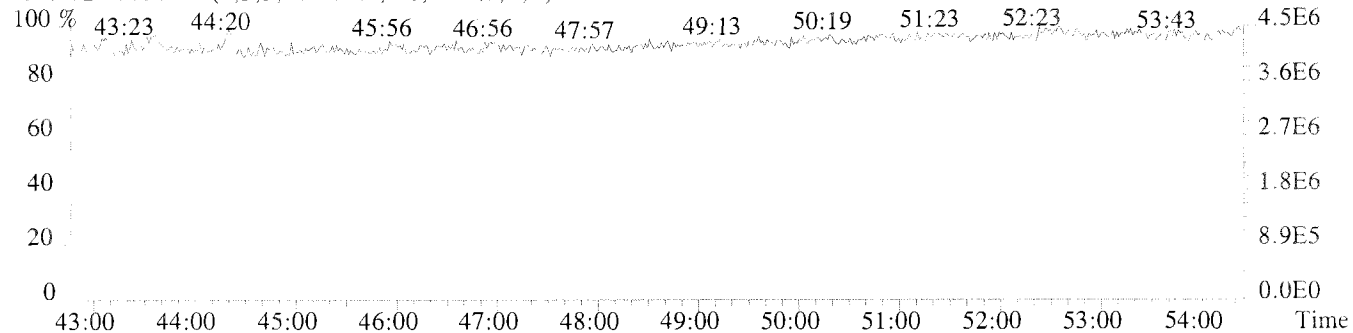
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2012.0,1.00%,F,T)

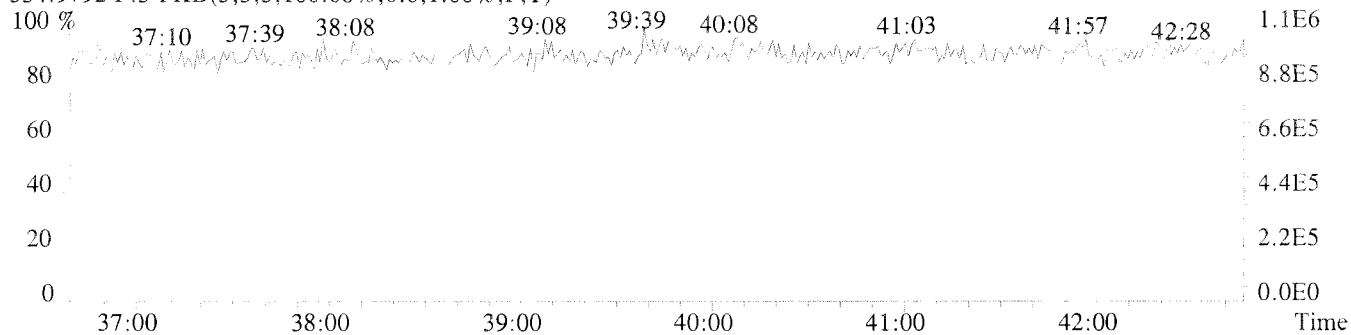
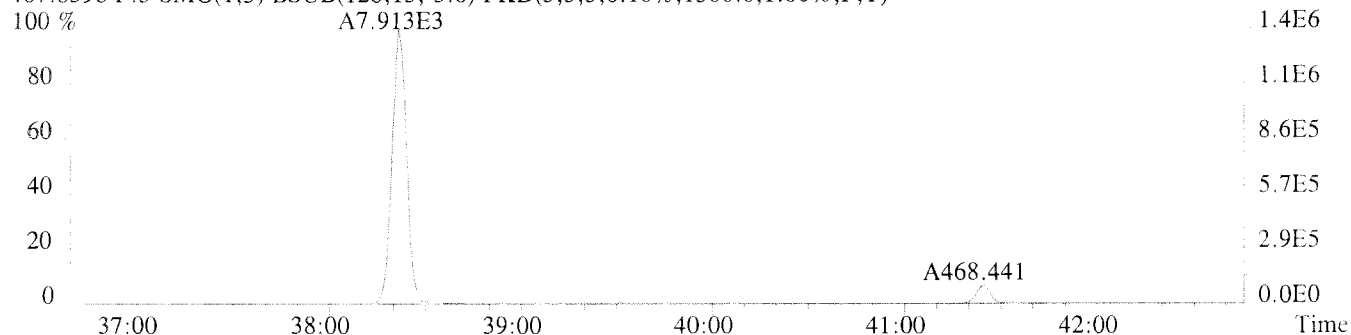
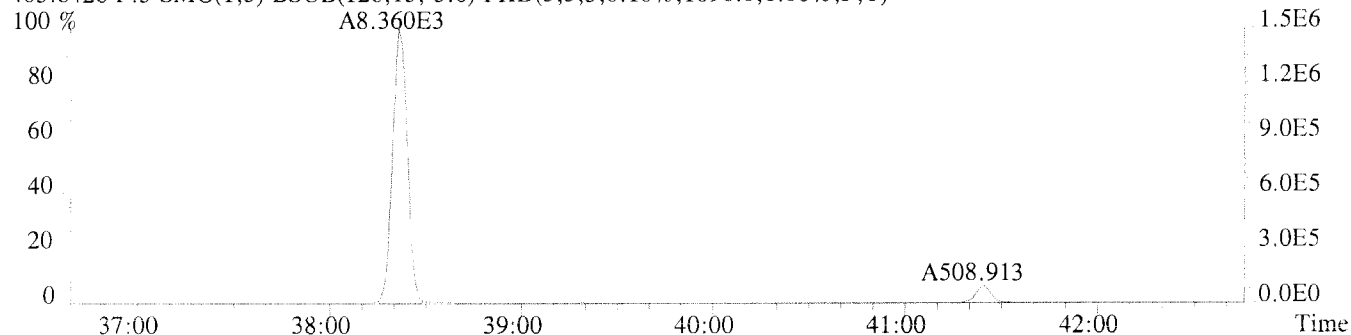
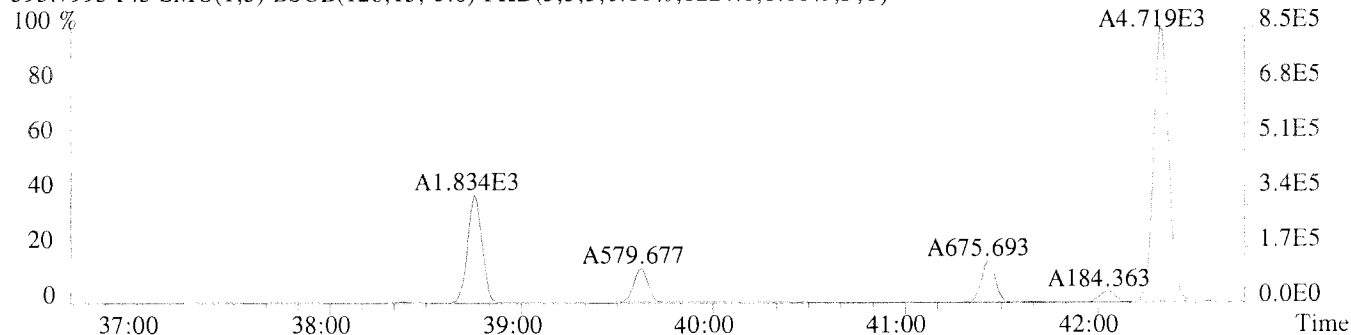
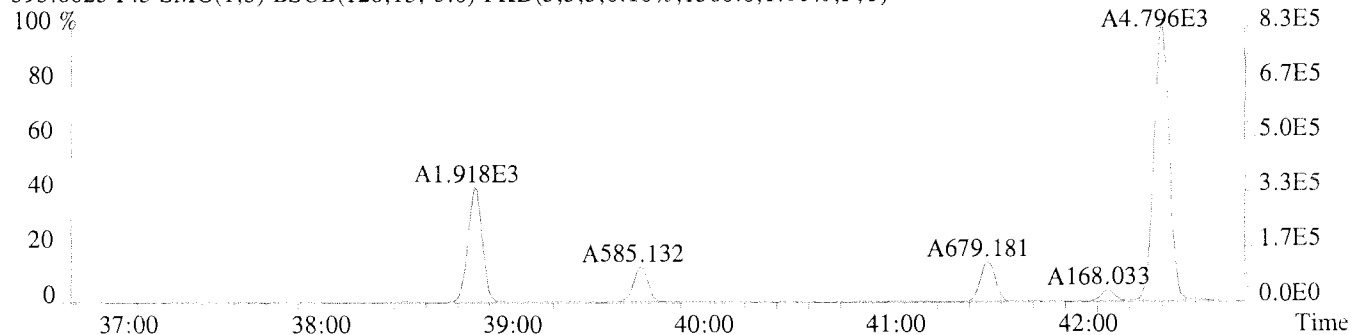


373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1236.0,1.00%,F,T)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

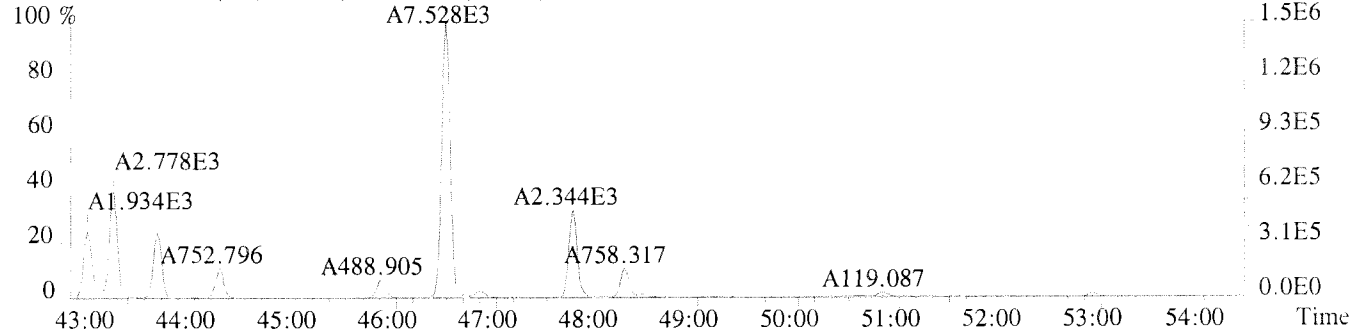




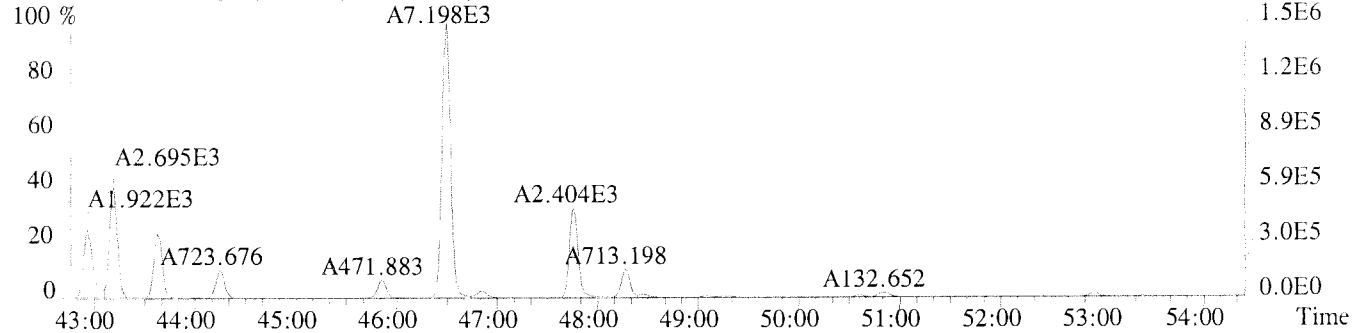
File:U224774 #1-577 Acq:17-JAN-2011 13:38:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-011DL USENE/W09

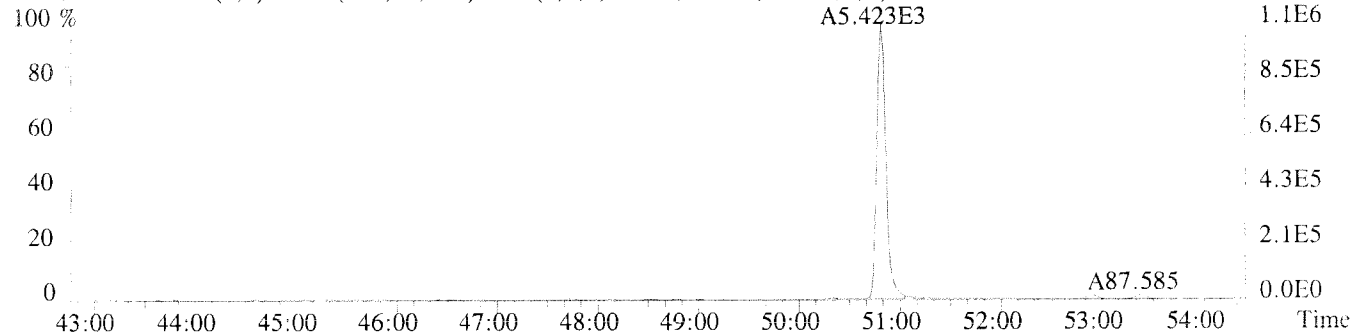
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1588.0,1.00%,F,T)



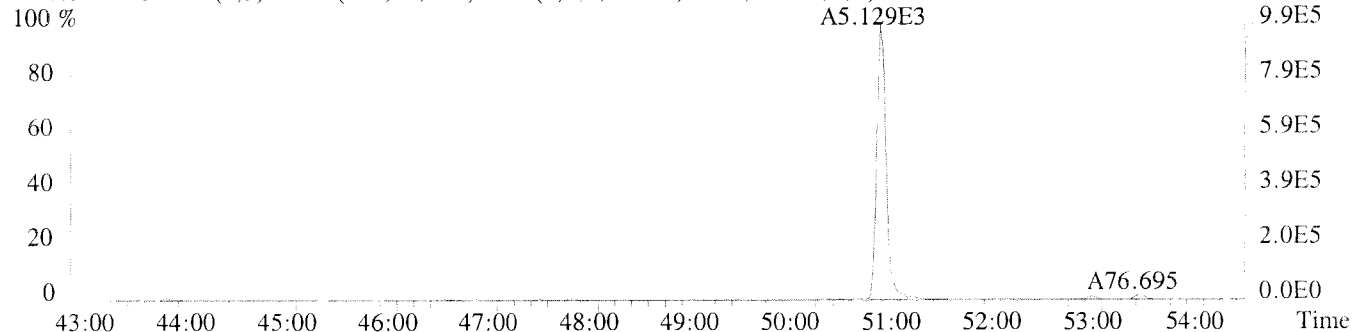
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,728.0,1.00%,F,T)



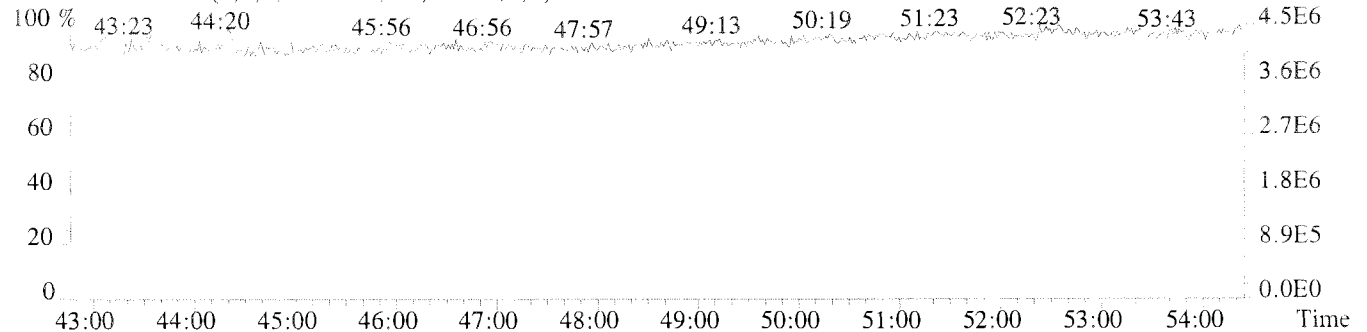
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1120.0,1.00%,F,T)



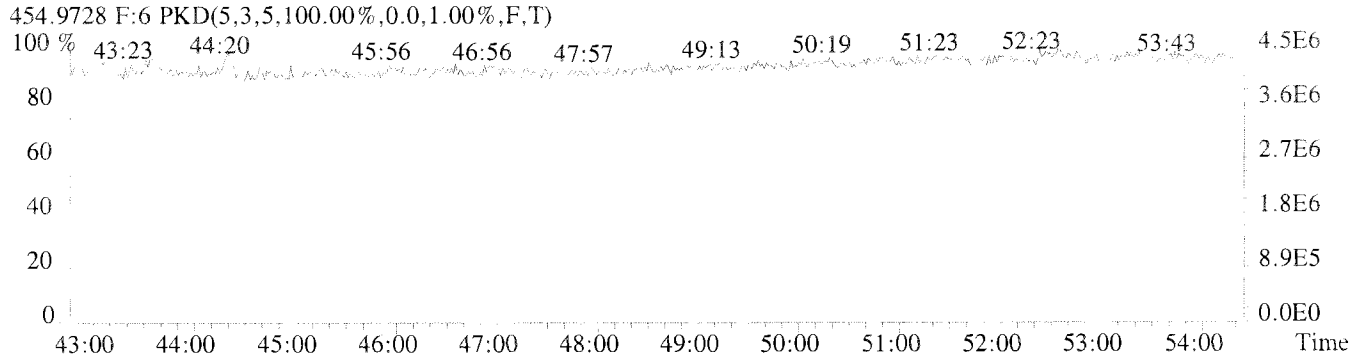
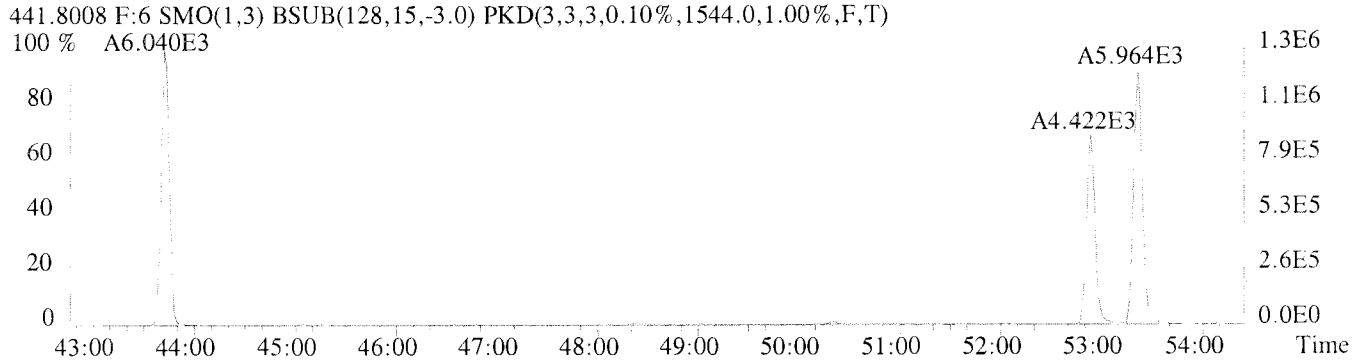
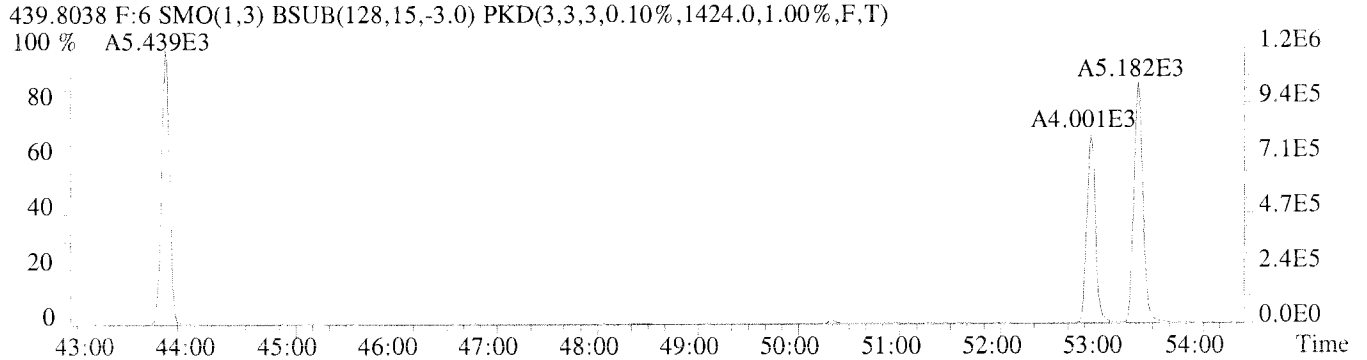
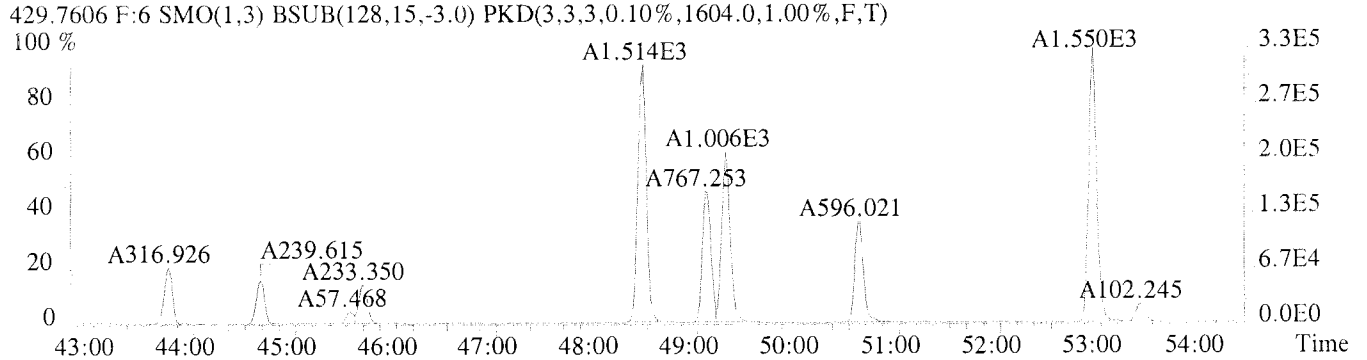
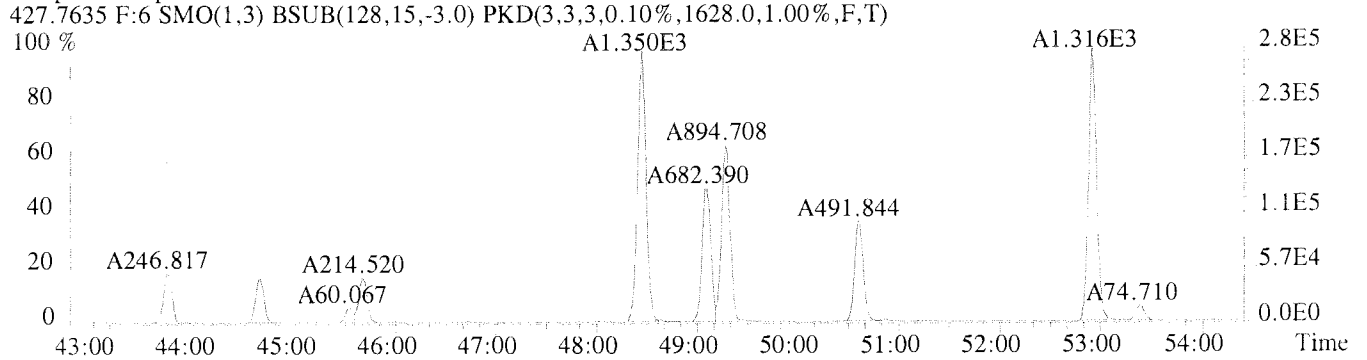
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,840.0,1.00%,F,T)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

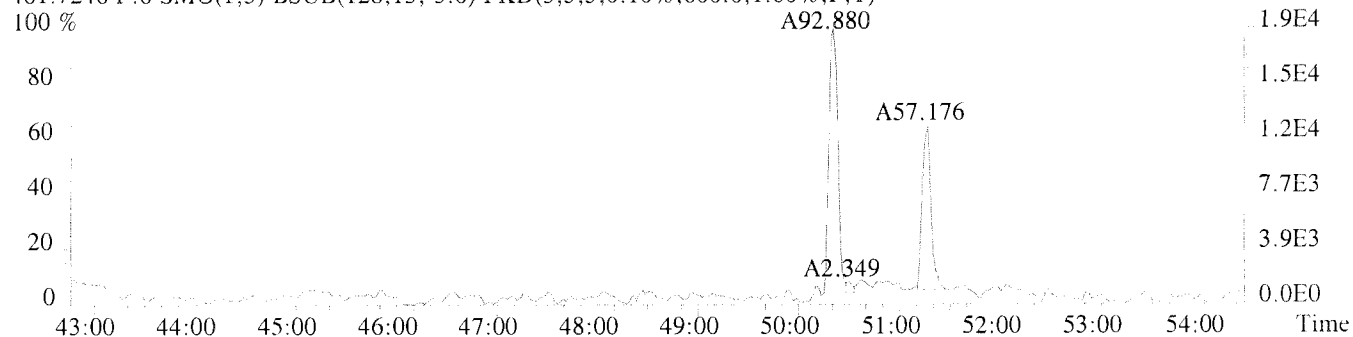


File:U224774 #1-577 Acq:17-JAN-2011 13:38:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-011DL USENE/W09

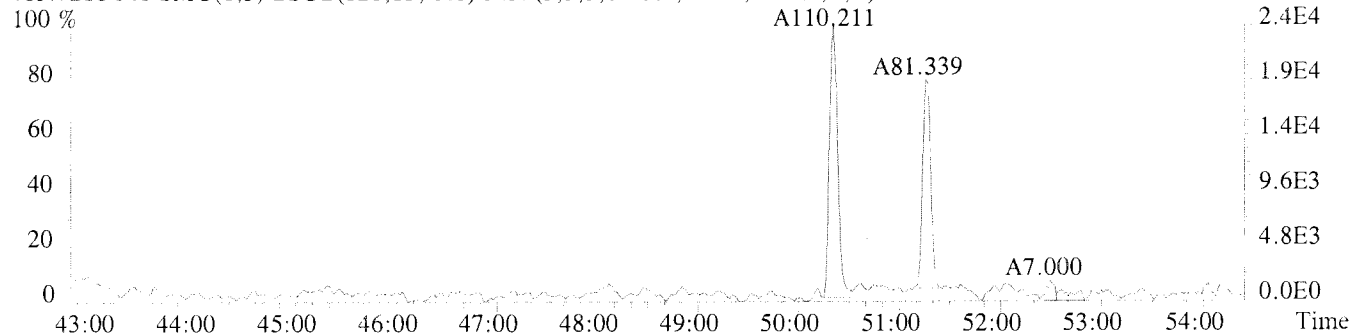


Sample#1 Exp:K1013433-011DL USENE/W09

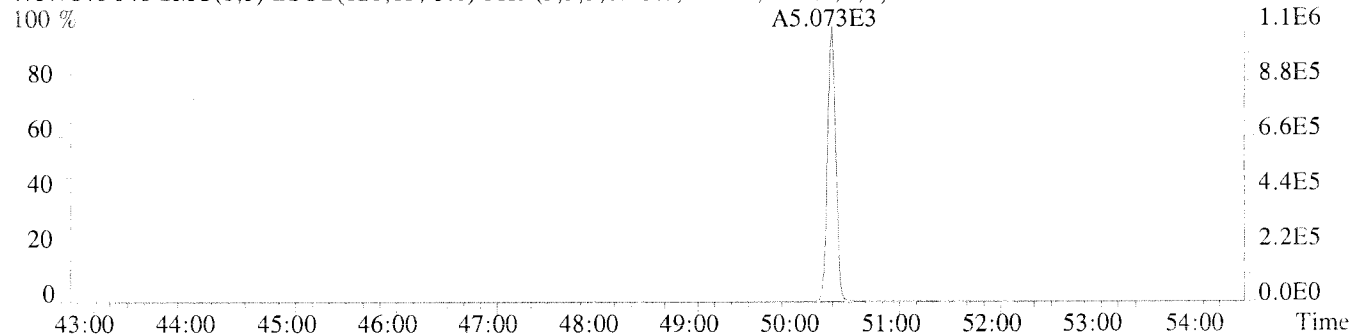
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,600.0,1.00%,F,T)



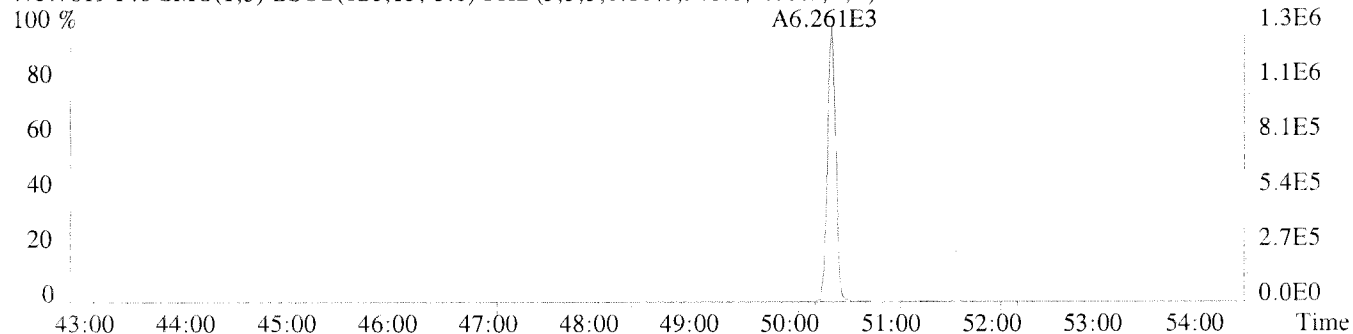
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,772.0,1.00%,F,T)



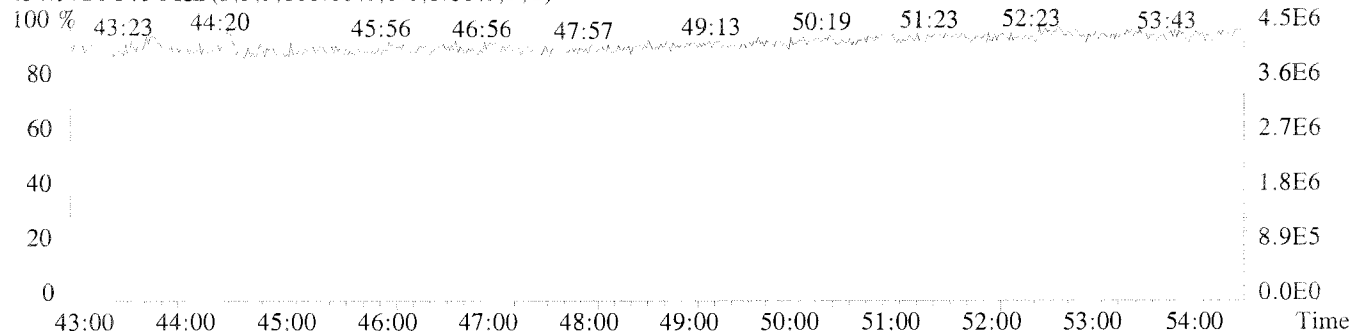
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1004.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,940.0,1.00%,F,T)



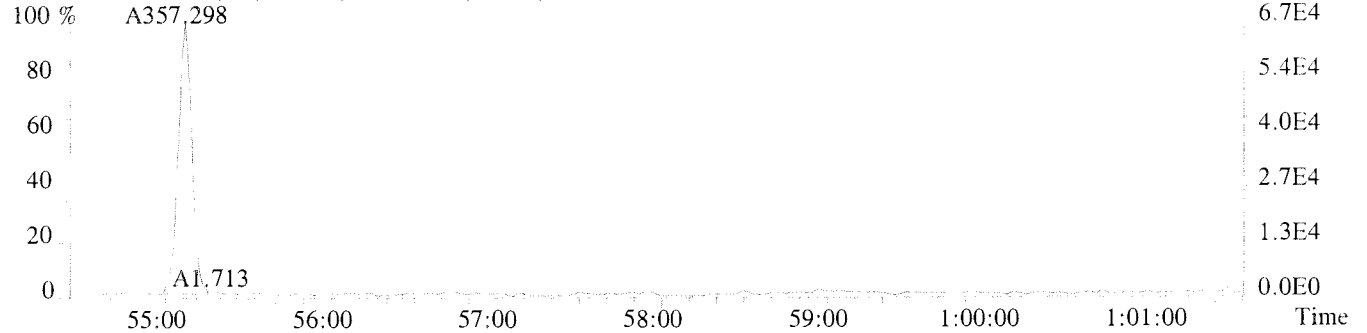
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



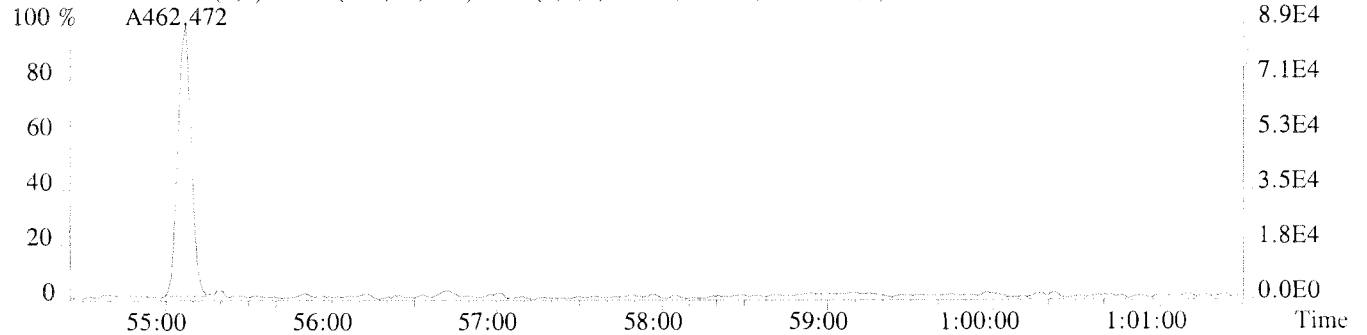
File:U224774 #1-400 Acq:17-JAN-2011 13:38:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-011DL USENE/W09

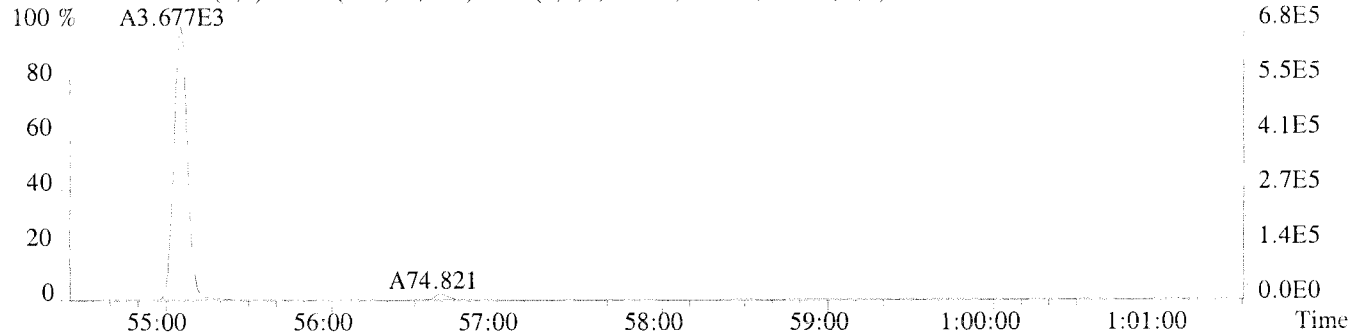
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1248.0,1.00%,F,T)



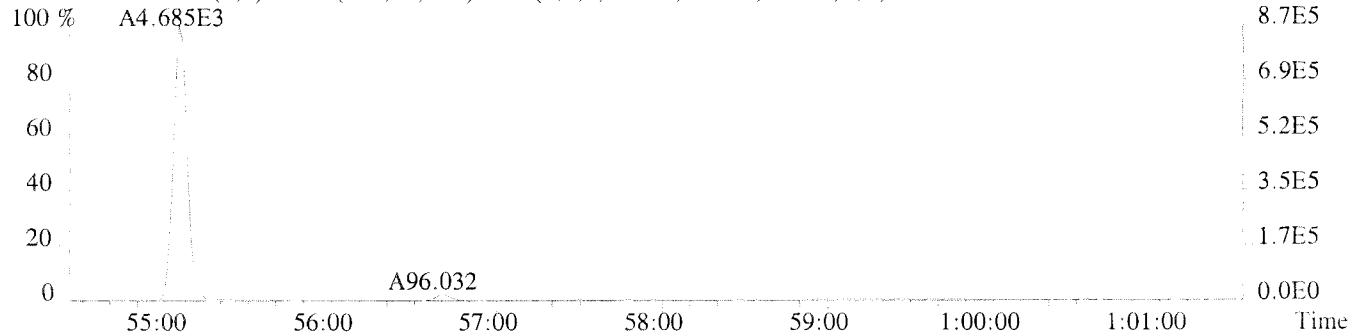
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1412.0,1.00%,F,T)



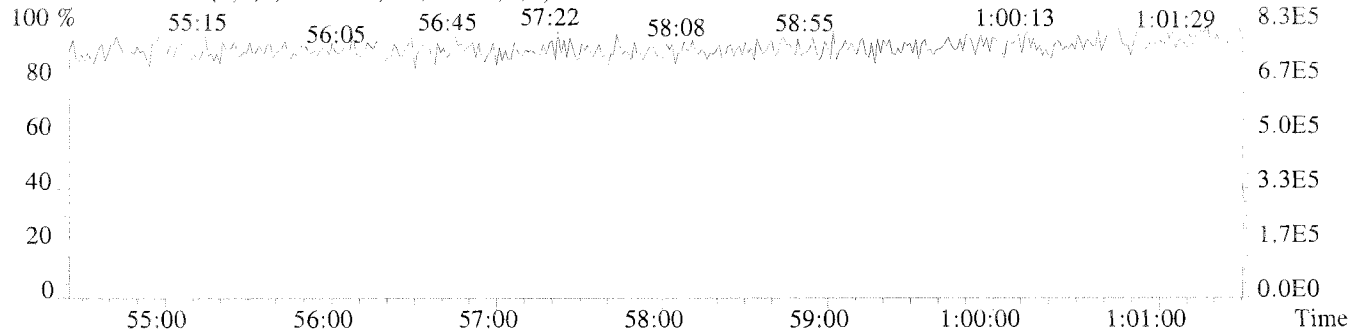
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1196.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1008.0,1.00%,F,T)

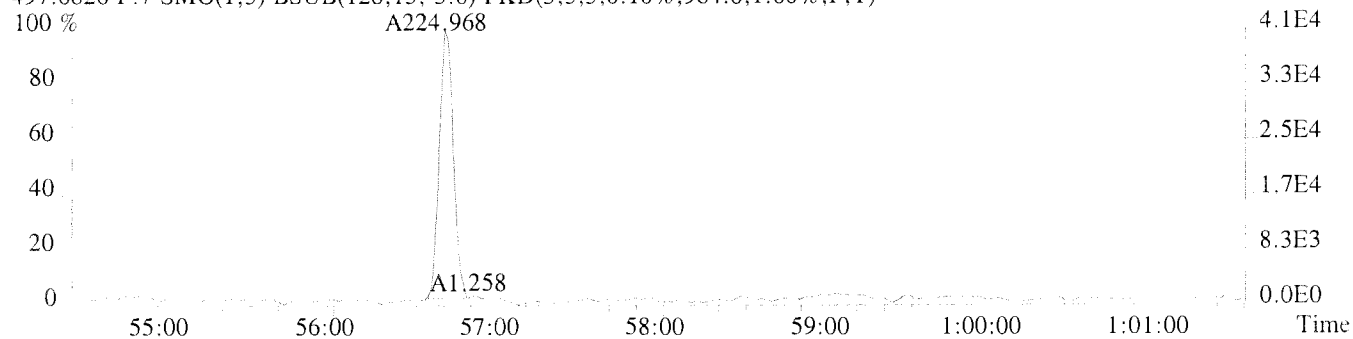


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

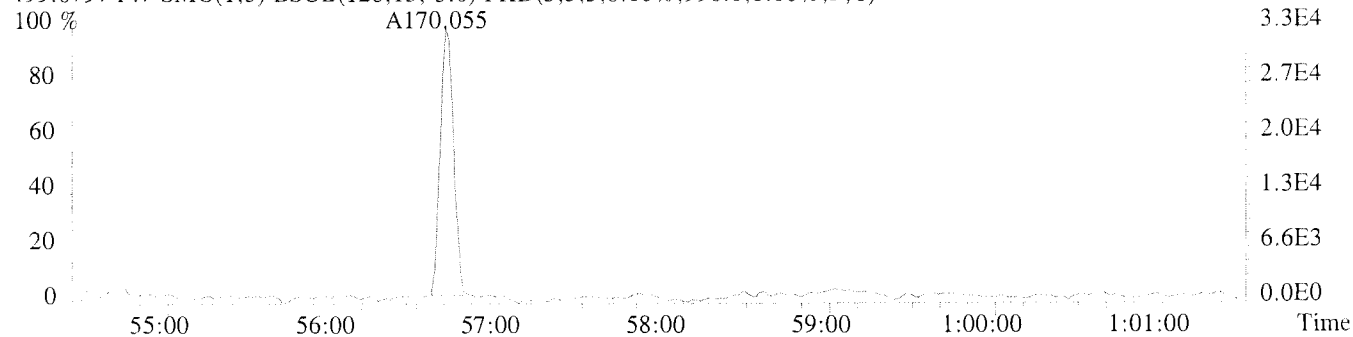


Sample#1 Exp:K1013433-011DL USENE/W09

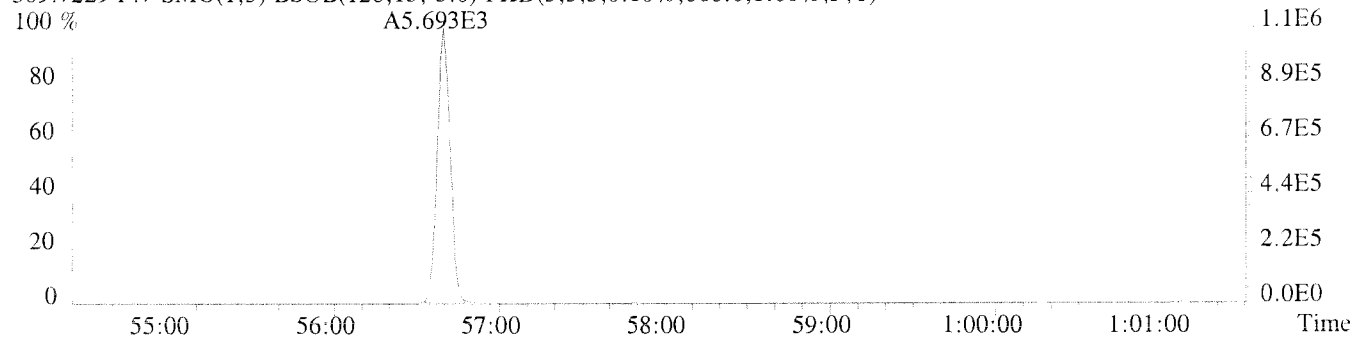
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,984.0,1.00%,F,T)



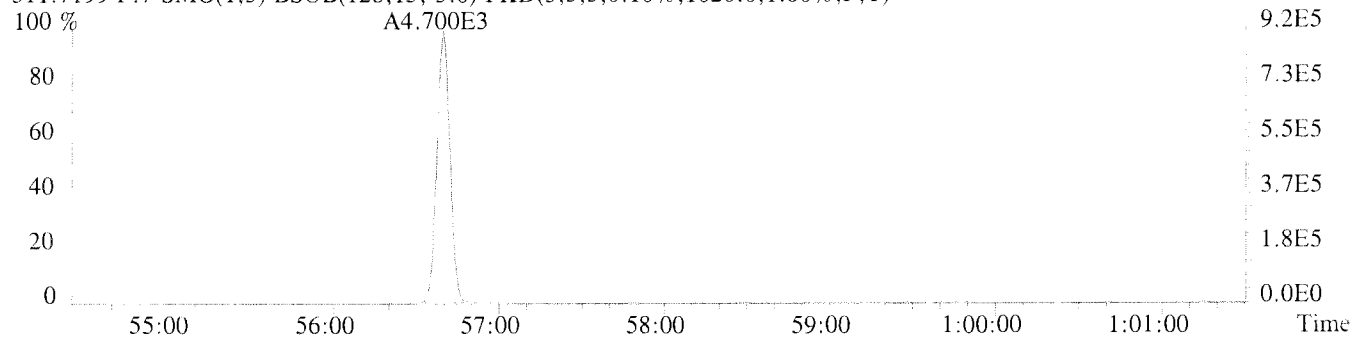
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,996.0,1.00%,F,T)



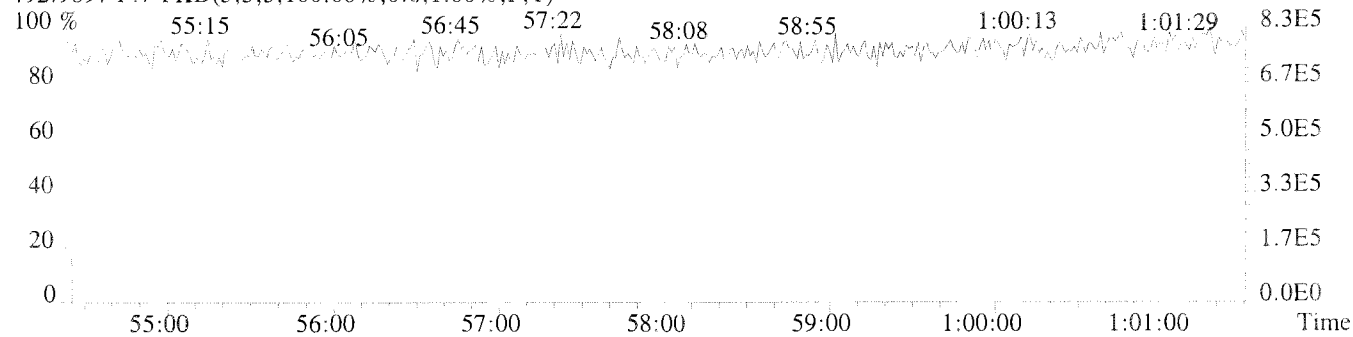
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,868.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1020.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-E/W-10-1

Run #12 Filename U224764 Samp: 1 Inj: 1 Acquired: 15-JAN-11 19:05:49
Processed: 17-JAN-11 13:52:41 Sample ID: K1013433-012

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	12:59	7.312e+02	2.457e+02	2.98	y	y	1.062
2	1	PCB-2	15:09	2.030e+02	6.663e+01	3.05	y	y	1.045
3	1	PCB-3	15:21	9.195e+02	2.752e+02	3.34	y	y	1.057
4	1	PCB-4	NotFnd	*	*	*	n	y	0.952
5	1	PCB-10	NotFnd	*	*	*	n	y	1.347
6	2	PCB-9	NotFnd	*	*	*	n	y	0.979
7	2	PCB-7	NotFnd	*	*	*	n	y	0.997
8	2	PCB-6	18:18	2.007e+03	1.524e+03	1.32	n	y	0.999
9	2	PCB-5	NotFnd	*	*	*	n	y	0.877
10	2	PCB-8	18:36	8.407e+03	5.073e+03	1.66	y	y	1.083
11	2	PCB-14	NotFnd	*	*	*	n	y	1.010
12	2	PCB-11	20:51	7.687e+03	4.987e+03	1.54	y	y	0.968
13	2	PCB-12/13	21:07	1.694e+03	1.172e+03	1.45	y	y	0.985
	2	PCB-15	21:27	1.445e+04	9.431e+03	1.53	y	y	0.973
15	2	PCB-19	18:52	4.772e+02	4.429e+02	1.08	y	n	1.021
16	2	PCB-18/30	20:34	7.928e+03	7.773e+03	1.02	y	n	0.916
17	2	PCB-17	20:57	2.751e+03	2.781e+03	0.99	y	n	0.767
18	2	PCB-27	21:10	7.031e+02	7.688e+02	0.91	y	y	1.121
19	2	PCB-24	NotFnd	*	*	*	n	n	1.011
20	2	PCB-16	21:24	2.356e+03	2.305e+03	1.02	y	n	0.648
21	2	PCB-32	21:54	4.149e+03	4.176e+03	0.99	y	n	1.189
22	3	PCB-34	NotFnd	*	*	*	n	n	1.295
23	3	PCB-23	NotFnd	*	*	*	n	n	1.210
24	3	PCB-26/29	23:33	5.332e+03	5.376e+03	0.99	y	n	1.361
25	3	PCB-25	23:47	2.517e+03	2.591e+03	0.97	y	n	1.530
26	3	PCB-31	24:06	4.375e+04	4.315e+04	1.01	y	n	1.416
27	3	PCB-20/28	24:22	4.644e+04	4.713e+04	0.99	y	n	1.290
28	3	PCB-21/33	24:37	1.801e+04	1.921e+04	0.94	y	n	1.445
29	3	PCB-22	25:01	1.773e+04	1.810e+04	0.98	y	n	1.225
30	3	PCB-36	NotFnd	*	*	*	n	n	1.435
31	3	PCB-39	NotFnd	*	*	*	n	n	1.413
32	3	PCB-38	NotFnd	*	*	*	n	n	1.286
33	3	PCB-35	27:56	1.450e+03	1.871e+03	0.78	n	n	1.278
34	3	PCB-37	28:21	3.159e+04	3.257e+04	0.97	y	n	1.082
35	2	PCB-54	21:45	2.915e+01	4.500e+01	0.65	n	y	0.963
36	3	PCB-50/53	23:50	2.443e+03	3.101e+03	0.79	y	n	0.736
37	3	PCB-45/51	24:29	3.054e+03	3.955e+03	0.77	y	n	0.730
38	3	PCB-46	24:49	9.691e+02	1.274e+03	0.76	y	n	0.644
39	3	PCB-52	26:11	3.006e+04	3.824e+04	0.79	y	n	0.781
40	3	PCB-43/73	26:24	1.029e+03	1.158e+03	0.89	n	n	0.778
41	3	PCB-49/69	26:39	1.797e+04	2.335e+04	0.77	y	n	0.885
42	3	PCB-48	26:56	5.447e+03	7.483e+03	0.73	y	n	0.722
43	3	PCB-44/47/65	27:10	3.132e+04	4.083e+04	0.77	y	n	0.814
44	3	PCB-59/62/75	27:29	3.412e+03	4.453e+03	0.77	y	n	0.978
45	3	PCB-42	27:41	7.591e+03	9.619e+03	0.79	y	n	0.715
46	3	PCB-40/41/71	28:11	1.914e+04	2.481e+04	0.77	y	y	0.735
47	3	PCB-64	28:24	2.403e+04	3.109e+04	0.77	y	y	1.052
48	3	PCB-72	29:12	1.943e+02	3.451e+02	0.56	n	y	1.048
49	3	PCB-68	29:29	6.390e+01	1.178e+02	0.54	n	y	1.000
50	3	PCB-57	29:55	1.484e+02	2.048e+02	0.72	y	y	1.006

51	3	PCB-58	NotFnd	*	*	*	n	y	0.970
52	3	PCB-67	30:18	1.425e+03	1.913e+03	0.74	y	n	1.135
53	3	PCB-63	30:34	3.064e+03	3.940e+03	0.78	y	n	1.090
54	3	PCB-61/70/74/76	30:55	1.385e+05	1.792e+05	0.77	y	y	1.020
55	3	PCB-66	31:15	8.071e+04	1.041e+05	0.78	y	y	1.066
56	3	PCB-55	31:23	2.259e+03	2.947e+03	0.77	y	y	0.907
57	4	PCB-56	31:56	4.469e+04	5.832e+04	0.77	y	n	1.004
58	4	PCB-60	32:08	3.112e+04	3.969e+04	0.78	y	n	0.963
59	4	PCB-80	NotFnd	*	*	*	n	y	1.154
60	4	PCB-79	34:04	1.384e+03	1.801e+03	0.77	y	n	1.115
61	4	PCB-78	NotFnd	*	*	*	n	n	0.980
62	4	PCB-81	35:04	6.233e+02	7.464e+02	0.84	y	n	1.084
63	4	PCB-77	35:48	2.017e+04	2.624e+04	0.77	y	n	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:31	5.554e+02	3.472e+02	1.60	y	n	1.221
66	3	PCB-103	29:23	2.883e+02	1.889e+02	1.53	y	n	0.993
67	3	PCB-94	NotFnd	*	*	*	n	n	0.795
68	3	PCB-95	30:04	3.023e+04	1.980e+04	1.53	y	n	0.913
69	3	PCB-93/100	30:16	5.837e+02	2.270e+02	2.57	n	n	0.863
70	3	PCB-98/102	30:25	2.238e+03	1.506e+03	1.49	y	n	0.897
71	3	PCB-88/91	30:55	7.287e+03	4.792e+03	1.52	y	n	0.874
72	3	PCB-84	31:09	1.302e+04	8.406e+03	1.55	y	n	0.800
73	3	PCB-89	31:37	1.147e+03	7.355e+02	1.56	y	n	0.834
74	4	PCB-121	NotFnd	*	*	*	n	n	1.009
75	4	PCB-92	32:23	7.364e+03	4.880e+03	1.51	y	n	0.716
76	4	PCB-90/101/113	32:58	5.682e+04	3.637e+04	1.56	y	n	0.814
77	4	PCB-83/99	33:34	3.049e+04	1.952e+04	1.56	y	n	0.690
78	4	PCB-112	NotFnd	*	*	*	n	n	1.015
79	4	PCB-86/87/97/109/119/125	34:10	4.920e+04	3.181e+04	1.55	y	y	0.809
80	4	PCB-117	34:41	2.024e+03	1.318e+03	1.54	y	y	0.820
81	4	PCB-85/116	34:47	1.518e+04	9.892e+03	1.53	y	y	0.883
82	4	PCB-110/115	34:57	1.004e+05	6.541e+04	1.53	y	y	0.948
83	4	PCB-82	35:17	6.541e+03	4.289e+03	1.53	y	n	0.615
84	4	PCB-111	NotFnd	*	*	*	n	n	0.892
85	4	PCB-120	36:09	3.305e+02	2.127e+02	1.55	y	n	0.962
86	5	PCB-108/124	37:16	4.165e+03	2.742e+03	1.52	y	n	0.885
87	5	PCB-107	37:30	9.306e+03	6.128e+03	1.52	y	n	0.943
88	5	PCB-123	37:37	2.994e+03	1.862e+03	1.61	y	n	1.076
89	5	PCB-106	NotFnd	*	*	*	n	n	0.898
90	5	PCB-118	37:56	1.198e+05	7.669e+04	1.56	y	n	1.103
91	5	PCB-122	38:17	1.930e+03	1.239e+03	1.56	y	n	0.818
92	5	PCB-114	38:27	4.712e+03	3.073e+03	1.53	y	n	1.079
93	5	PCB-105	39:07	7.147e+04	4.593e+04	1.56	y	n	1.059
94	5	PCB-127	NotFnd	*	*	*	n	n	0.875
95	5	PCB-126	42:12	1.538e+03	9.218e+02	1.67	y	n	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	32:57	7.366e+01	5.633e+01	1.31	y	n	1.591
98	4	PCB-150	33:05	1.644e+02	1.186e+02	1.39	y	n	1.456
99	4	PCB-136	33:33	7.877e+03	6.453e+03	1.22	y	n	1.518
100	4	PCB-145	NotFnd	*	*	*	n	n	1.390
101	4	PCB-148	NotFnd	*	*	*	n	n	1.098
102	4	PCB-135/151	35:57	2.032e+04	1.695e+04	1.20	y	n	1.041
103	4	PCB-154	36:09	6.325e+02	5.458e+02	1.16	y	n	1.242
104	4	PCB-144	36:27	3.355e+03	2.762e+03	1.21	y	n	1.088
105	5	PCB-147/149	36:50	4.572e+04	3.616e+04	1.26	y	n	0.883
106	5	PCB-134	37:02	2.413e+03	2.059e+03	1.17	y	n	0.689
107	5	PCB-143	NotFnd	*	*	*	n	n	0.869

108	5	PCB-139/140	37:22	7.050e+02	6.168e+02	1.14	y	n	0.861
109	5	PCB-131	37:36	5.559e+02	4.727e+02	1.18	y	n	0.763
110	5	PCB-142	NotFnd	*	*	*	n	n	0.761
111	5	PCB-132	38:04	1.815e+04	1.459e+04	1.24	y	n	0.710
112	5	PCB-133	38:31	7.256e+02	6.421e+02	1.13	y	n	0.749
113	5	PCB-165	NotFnd	*	*	*	n	n	0.935
114	5	PCB-146	39:09	1.125e+04	8.970e+03	1.25	y	n	0.905
115	5	PCB-161	NotFnd	*	*	*	n	n	1.097
116	5	PCB-153/168	39:47	8.206e+04	6.600e+04	1.24	y	n	0.974
117	5	PCB-141	40:01	1.479e+04	1.210e+04	1.22	y	n	0.837
118	5	PCB-130	40:26	3.800e+03	3.045e+03	1.25	y	n	0.701
119	5	PCB-137	40:39	2.095e+03	1.683e+03	1.24	y	n	0.774
120	5	PCB-164	40:46	7.103e+03	5.605e+03	1.27	y	n	1.042
121	5	PCB-129/138/163	41:03	6.329e+04	5.040e+04	1.26	y	n	0.837
122	5	PCB-160	NotFnd	*	*	*	n	n	1.023
123	5	PCB-158	41:27	1.188e+04	9.387e+03	1.27	y	n	1.164
124	5	PCB-128/166	42:19	1.304e+04	1.041e+04	1.25	y	n	0.899
125	6	PCB-159	43:14	1.555e+03	1.199e+03	1.30	y	n	0.805
126	6	PCB-162	43:33	3.629e+02	2.841e+02	1.28	y	n	0.756
127	6	PCB-167	44:02	3.896e+03	3.216e+03	1.21	y	n	1.030
128	6	PCB-156/157	45:10	1.060e+04	8.452e+03	1.25	y	n	1.064
129	6	PCB-169	48:28	3.323e+03	1.483e+03	2.24	n	n	1.036
130	5	PCB-188	38:25	7.788e+01	6.038e+01	1.29	n	y	0.950
131	5	PCB-179	38:47	1.075e+04	1.045e+04	1.03	y	n	1.134
132	5	PCB-184	NotFnd	*	*	*	n	n	1.120
133	5	PCB-176	39:40	3.320e+03	3.339e+03	0.99	y	n	1.100
134	5	PCB-186	NotFnd	*	*	*	n	n	1.035
135	5	PCB-178	41:30	4.512e+03	4.387e+03	1.03	y	n	0.795
136	5	PCB-175	42:06	1.134e+03	1.098e+03	1.03	y	n	0.835
137	5	PCB-187	42:22	3.309e+04	3.245e+04	1.02	y	n	0.868
138	5	PCB-182	42:33	1.942e+02	1.556e+02	1.25	n	n	0.862
139	6	PCB-183	42:59	1.157e+04	1.107e+04	1.05	y	y	0.646
140	6	PCB-185	43:05	1.670e+03	1.679e+03	0.99	y	y	0.493
141	6	PCB-174	43:14	1.785e+04	1.691e+04	1.06	y	y	0.545
142	6	PCB-177	43:41	9.722e+03	9.338e+03	1.04	y	n	0.533
143	6	PCB-181	NotFnd	*	*	*	n	n	0.519
144	6	PCB-171/173	44:17	5.416e+03	5.133e+03	1.06	y	n	0.516
145	6	PCB-172	45:53	3.295e+03	3.225e+03	1.02	y	n	0.524
146	6	PCB-192	NotFnd	*	*	*	n	n	0.624
147	6	PCB-180/193	46:32	5.337e+04	5.141e+04	1.04	y	n	0.642
148	6	PCB-191	46:53	1.251e+03	1.259e+03	0.99	y	n	0.686
149	6	PCB-170	47:47	1.812e+04	1.716e+04	1.06	y	n	0.478
150	6	PCB-190	48:17	5.597e+03	5.369e+03	1.04	y	n	0.672
151	6	PCB-189	50:51	9.795e+02	9.941e+02	0.99	y	n	0.912
152	6	PCB-202	43:47	1.780e+03	1.971e+03	0.90	y	n	0.869
153	6	PCB-201	44:42	1.487e+03	1.631e+03	0.91	y	n	0.943
154	6	PCB-204	NotFnd	*	*	*	n	n	0.942
155	6	PCB-197	45:34	3.960e+02	3.889e+02	1.02	y	n	0.918
156	6	PCB-200	45:42	1.303e+03	1.553e+03	0.84	y	n	0.930
157	6	PCB-198/199	48:28	9.826e+03	1.104e+04	0.89	y	n	0.627
158	6	PCB-196	49:06	4.771e+03	5.462e+03	0.87	y	n	0.638
159	6	PCB-203	49:18	6.512e+03	7.294e+03	0.89	y	n	0.683
160	6	PCB-195	50:37	3.668e+03	4.204e+03	0.87	y	n	0.610
161	6	PCB-194	52:56	1.001e+04	1.131e+04	0.88	y	n	0.629
162	6	PCB-205	53:24	6.722e+02	7.643e+02	0.88	y	n	0.933
163	6	PCB-208	50:22	7.360e+02	9.498e+02	0.77	y	n	0.915
164	6	PCB-207	51:17	4.875e+02	6.585e+02	0.74	y	n	1.154

165	7	PCB-206	55:07	2.531e+03	3.288e+03	0.77	y	n	0.937
165	7	PCB-209	56:42	9.919e+02	8.726e+02	1.14	y	n	0.925
167	1	PCB-11L	12:59	2.149e+04	7.219e+03	2.98	y	y	1.162
168	1	PCB-3L	15:20	2.127e+04	6.218e+03	3.42	y	y	1.187
169	1	PCB-4L	15:35	1.337e+04	8.630e+03	1.55	y	n	0.907
170	2	PCB-15L	21:25	1.610e+04	1.002e+04	1.61	y	n	1.030
171	2	PCB-19L	18:51	7.255e+03	6.641e+03	1.09	y	n	0.615
172	3	PCB-37L	28:20	1.661e+04	1.539e+04	1.08	y	n	1.320
173	2	PCB-54L	21:44	1.138e+04	1.466e+04	0.78	y	n	1.261
174	4	PCB-81L	35:03	1.268e+04	1.552e+04	0.82	y	n	1.088
175	4	PCB-77L	35:47	1.419e+04	1.697e+04	0.84	y	n	1.091
176	3	PCB-104L	27:06	1.855e+04	1.201e+04	1.55	y	n	1.480
177	5	PCB-123L	37:36	1.800e+04	1.119e+04	1.61	y	n	1.214
178	5	PCB-118L	37:54	1.803e+04	1.103e+04	1.63	y	n	1.246
179	5	PCB-114L	38:25	1.895e+04	1.128e+04	1.68	y	n	1.236
180	5	PCB-105L	39:06	1.852e+04	1.157e+04	1.60	y	n	1.197
181	5	PCB-126L	42:11	1.894e+04	1.197e+04	1.58	y	n	1.105
182	4	PCB-155L	32:41	1.958e+04	1.571e+04	1.25	y	n	1.599
183	6	PCB-167L	44:01	1.251e+04	9.596e+03	1.30	y	n	1.051
184	6	PCB-156/157L	45:10	2.420e+04	1.866e+04	1.30	y	n	0.962
185	6	PCB-169L	48:21	1.170e+04	8.719e+03	1.34	y	n	0.886
186	5	PCB-188L	38:24	1.657e+04	1.596e+04	1.04	y	n	2.483
187	6	PCB-189L	50:50	1.011e+04	9.584e+03	1.05	y	n	1.503
188	6	PCB-202L	43:46	1.065e+04	1.183e+04	0.90	y	n	1.757
189	6	PCB-205L	53:23	1.001e+04	1.100e+04	0.91	y	n	1.317
190	6	PCB-208L	50:20	9.989e+03	1.299e+04	0.77	y	n	1.446
191	7	PCB-206L	55:06	5.757e+03	7.426e+03	0.78	y	n	1.176
192	7	PCB-209L	56:40	8.948e+03	7.565e+03	1.18	y	n	1.606
193	3	PCB-28L	24:21	1.789e+04	1.649e+04	1.08	y	n	1.538
194	4	PCB-111L	35:43	1.786e+04	1.133e+04	1.58	y	n	1.238
195	5	PCB-178L	41:28	1.158e+04	1.109e+04	1.04	y	n	0.895
196	2	PCB-9L	18:06	1.971e+04	1.216e+04	1.62	y	n	-
197	3	PCB-52L	26:09	1.198e+04	1.526e+04	0.79	y	n	-
198	4	PCB-101L	32:57	1.793e+04	1.126e+04	1.59	y	n	-
199	5	PCB-138L	41:01	1.493e+04	1.170e+04	1.28	y	n	-
200	6	PCB-194L	52:55	9.519e+03	1.059e+04	0.90	y	n	-

-- Sample Calculation--

$$\begin{aligned}
 & (9.919e+02 + 8.726e+02) \times 10000 \text{ pg} \times 1 \\
 \text{PCB-209} & = \frac{\text{-----}}{(8.948e+03 + 7.565e+03) \times (5.396 \text{ g}) \times (100 \text{ -----}) / 100} \times 0.9245 = 226 \text{ ng/kg} \\
 & \text{89} \\
 & \text{01/19/11}
 \end{aligned}$$

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sp166respa
 02/2009

Run #12 Filename U224764#1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 19:05:49

Processed: 17-JAN-11 13:52:41 LAB. ID: K1013433-012

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
	PCB-1	4.09e+04	2.45e+03	1.7e+01	1.30e+04	2.21e+03	5.9e+00
	PCB-2	3.05e+04	2.45e+03	1.2e+01	9.33e+03	2.21e+03	4.2e+00
	PCB-3	6.55e+04	2.45e+03	2.7e+01	2.19e+04	2.21e+03	9.9e+00
4	PCB-4	*	1.46e+03	*	*	2.54e+04	*
5	PCB-10	*	1.46e+03	*	*	2.54e+04	*
	PCB-9	*	1.36e+04	*	*	5.05e+04	*
7	PCB-7	*	1.36e+04	*	*	5.05e+04	*
8	PCB-6	5.89e+05	1.36e+04	4.3e+01	4.29e+05	5.05e+04	8.5e+00
9	PCB-5	*	1.36e+04	*	*	5.05e+04	*
10	PCB-8	2.28e+06	1.36e+04	1.7e+02	1.46e+06	5.05e+04	2.9e+01
11	PCB-14	*	1.36e+04	*	*	5.05e+04	*
12	PCB-11	1.86e+06	1.36e+04	1.4e+02	1.23e+06	5.05e+04	2.4e+01
13	PCB-12/13	3.72e+05	1.36e+04	2.7e+01	2.59e+05	5.05e+04	5.1e+00
14	PCB-15	3.43e+06	1.36e+04	2.5e+02	2.27e+06	5.05e+04	4.5e+01
15	PCB-19	1.31e+05	3.31e+04	4.0e+00	1.15e+05	4.46e+03	2.6e+01
16	PCB-18/30	2.00e+06	3.31e+04	6.1e+01	1.95e+06	4.46e+03	4.4e+02
17	PCB-17	6.83e+05	3.31e+04	2.1e+01	6.84e+05	4.46e+03	1.5e+02
18	PCB-27	1.73e+05	3.31e+04	5.2e+00	1.84e+05	4.46e+03	4.1e+01
19	PCB-24	*	3.31e+04	*	*	4.46e+03	*
20	PCB-16	5.90e+05	3.31e+04	1.8e+01	5.67e+05	4.46e+03	1.3e+02
21	PCB-32	9.97e+05	3.31e+04	3.0e+01	9.79e+05	4.46e+03	2.2e+02
22	PCB-34	*	9.75e+04	*	*	6.52e+03	*
23	PCB-23	*	9.75e+04	*	*	6.52e+03	*
24	PCB-26/29	1.13e+06	9.75e+04	1.2e+01	1.10e+06	6.52e+03	1.7e+02
25	PCB-25	5.02e+05	9.75e+04	5.2e+00	4.82e+05	6.52e+03	7.4e+01
26	PCB-31	8.57e+06	9.75e+04	8.8e+01	8.42e+06	6.52e+03	1.3e+03
27	PCB-20/28	9.01e+06	9.75e+04	9.2e+01	8.93e+06	6.52e+03	1.4e+03
28	PCB-21/33	3.54e+06	9.75e+04	3.6e+01	3.57e+06	6.52e+03	5.5e+02
29	PCB-22	3.44e+06	9.75e+04	3.5e+01	3.42e+06	6.52e+03	5.2e+02
30	PCB-36	*	9.75e+04	*	*	6.52e+03	*
31	PCB-39	*	9.75e+04	*	*	6.52e+03	*
32	PCB-38	*	9.75e+04	*	*	6.52e+03	*
33	PCB-35	3.13e+05	9.75e+04	3.2e+00	3.42e+05	6.52e+03	5.2e+01
34	PCB-37	5.57e+06	9.75e+04	5.7e+01	5.52e+06	6.52e+03	8.5e+02
35	PCB-54	6.95e+03	1.90e+03	3.7e+00	1.18e+04	1.71e+03	6.9e+00
36	PCB-50/53	5.15e+05	1.62e+03	3.2e+02	6.54e+05	1.50e+03	4.4e+02
37	PCB-45/51	4.72e+05	1.62e+03	2.9e+02	6.33e+05	1.50e+03	4.2e+02
38	PCB-46	1.99e+05	1.62e+03	1.2e+02	2.59e+05	1.50e+03	1.7e+02
39	PCB-52	5.70e+06	1.62e+03	3.5e+03	7.29e+06	1.50e+03	4.9e+03
40	PCB-43/73	1.76e+05	1.62e+03	1.1e+02	2.19e+05	1.50e+03	1.5e+02
41	PCB-49/69	3.56e+06	1.62e+03	2.2e+03	4.52e+06	1.50e+03	3.0e+03
42	PCB-48	1.07e+06	1.62e+03	6.6e+02	1.43e+06	1.50e+03	9.5e+02
43	PCB-44/47/65	5.66e+06	1.62e+03	3.5e+03	7.29e+06	1.50e+03	4.9e+03
44	PCB-59/62/75	6.33e+05	1.62e+03	3.9e+02	8.18e+05	1.50e+03	5.5e+02
45	PCB-42	1.44e+06	1.62e+03	8.9e+02	1.85e+06	1.50e+03	1.2e+03
46	PCB-40/41/71	3.15e+06	1.62e+03	2.0e+03	4.05e+06	1.50e+03	2.7e+03
47	PCB-64	4.56e+06	1.62e+03	2.8e+03	5.89e+06	1.50e+03	3.9e+03

48	PCB-72	4.75e+04	1.62e+03	2.9e+01	7.40e+04	1.50e+03	4.9e+01
49	PCB-68	1.76e+04	1.62e+03	1.1e+01	3.02e+04	1.50e+03	2.0e+01
50	PCB-57	3.42e+04	1.62e+03	2.1e+01	4.58e+04	1.50e+03	3.1e+01
51	PCB-58	*	1.62e+03	*	*	1.50e+03	*
52	PCB-67	2.79e+05	1.62e+03	1.7e+02	3.55e+05	1.50e+03	2.4e+02
53	PCB-63	5.67e+05	1.62e+03	3.5e+02	7.40e+05	1.50e+03	4.9e+02
54	PCB-61/70/74/76	1.77e+07	1.62e+03	1.1e+04	2.30e+07	1.50e+03	1.5e+04
55	PCB-66	1.41e+07	1.62e+03	8.8e+03	1.81e+07	1.50e+03	1.2e+04
56	PCB-55	4.17e+05	1.62e+03	2.6e+02	5.65e+05	1.50e+03	3.8e+02
57	PCB-56	7.73e+06	1.42e+04	5.4e+02	1.00e+07	2.26e+04	4.4e+02
58	PCB-60	5.21e+06	1.42e+04	3.7e+02	6.57e+06	2.26e+04	2.9e+02
59	PCB-80	*	1.42e+04	*	*	2.26e+04	*
60	PCB-79	2.52e+05	1.42e+04	1.8e+01	3.21e+05	2.26e+04	1.4e+01
61	PCB-78	*	1.42e+04	*	*	2.26e+04	*
62	PCB-81	1.21e+05	1.42e+04	8.5e+00	1.51e+05	2.26e+04	6.7e+00
63	PCB-77	2.42e+06	1.42e+04	1.7e+02	3.21e+06	2.26e+04	1.4e+02
64	PCB-104	*	8.88e+02	*	*	9.44e+02	*
65	PCB-96	1.08e+05	8.88e+02	1.2e+02	6.75e+04	9.44e+02	7.1e+01
66	PCB-103	5.86e+04	8.88e+02	6.6e+01	3.79e+04	9.44e+02	4.0e+01
67	PCB-94	*	8.88e+02	*	*	9.44e+02	*
68	PCB-95	5.62e+06	8.88e+02	6.3e+03	3.68e+06	9.44e+02	3.9e+03
69	PCB-93/100	9.81e+04	8.88e+02	1.1e+02	6.38e+04	9.44e+02	6.8e+01
70	PCB-98/102	3.78e+05	8.88e+02	4.3e+02	2.49e+05	9.44e+02	2.6e+02
71	PCB-88/91	1.34e+06	8.88e+02	1.5e+03	8.93e+05	9.44e+02	9.5e+02
72	PCB-84	2.45e+06	8.88e+02	2.8e+03	1.57e+06	9.44e+02	1.7e+03
73	PCB-89	2.15e+05	8.88e+02	2.4e+02	1.35e+05	9.44e+02	1.4e+02
74	PCB-121	*	3.87e+03	*	*	5.87e+03	*
75	PCB-92	1.34e+06	3.87e+03	3.5e+02	9.04e+05	5.87e+03	1.5e+02
76	PCB-90/101/113	1.01e+07	3.87e+03	2.6e+03	6.42e+06	5.87e+03	1.1e+03
77	PCB-83/99	4.45e+06	3.87e+03	1.2e+03	2.86e+06	5.87e+03	4.9e+02
78	PCB-112	*	3.87e+03	*	*	5.87e+03	*
79	CB-86/87/97/109/119/125	4.57e+06	3.87e+03	1.2e+03	2.98e+06	5.87e+03	5.1e+02
80	PCB-117	5.20e+05	3.87e+03	1.3e+02	3.41e+05	5.87e+03	5.8e+01
81	PCB-85/116	2.63e+06	3.87e+03	6.8e+02	1.70e+06	5.87e+03	2.9e+02
82	PCB-110/115	1.67e+07	3.87e+03	4.3e+03	1.09e+07	5.87e+03	1.9e+03
83	PCB-82	9.98e+05	3.87e+03	2.6e+02	6.49e+05	5.87e+03	1.1e+02
84	PCB-111	*	3.87e+03	*	*	5.87e+03	*
85	PCB-120	6.44e+04	3.87e+03	1.7e+01	4.57e+04	5.87e+03	7.8e+00
86	PCB-108/124	8.00e+05	5.34e+04	1.5e+01	5.21e+05	2.38e+04	2.2e+01
87	PCB-107	1.69e+06	5.34e+04	3.2e+01	1.11e+06	2.38e+04	4.6e+01
88	PCB-123	5.67e+05	5.34e+04	1.1e+01	3.47e+05	2.38e+04	1.5e+01
89	PCB-106	*	5.34e+04	*	*	2.38e+04	*
90	PCB-118	2.18e+07	5.34e+04	4.1e+02	1.40e+07	2.38e+04	5.9e+02
91	PCB-122	3.57e+05	5.34e+04	6.7e+00	2.12e+05	2.38e+04	8.9e+00
92	PCB-114	8.35e+05	5.34e+04	1.6e+01	5.37e+05	2.38e+04	2.3e+01
93	PCB-105	1.21e+07	5.34e+04	2.3e+02	7.63e+06	2.38e+04	3.2e+02
94	PCB-127	*	5.34e+04	*	*	2.38e+04	*
95	PCB-126	2.86e+05	5.34e+04	5.4e+00	1.67e+05	2.38e+04	7.0e+00
96	PCB-155	*	2.82e+03	*	*	2.73e+03	*
97	PCB-152	1.37e+04	2.82e+03	4.8e+00	1.24e+04	2.73e+03	4.6e+00
98	PCB-150	2.73e+04	2.82e+03	9.7e+00	2.04e+04	2.73e+03	7.5e+00
99	PCB-136	1.32e+06	2.82e+03	4.7e+02	1.08e+06	2.73e+03	3.9e+02
100	PCB-145	*	2.82e+03	*	*	2.73e+03	*
101	PCB-148	*	2.82e+03	*	*	2.73e+03	*
102	PCB-135/151	2.78e+06	2.82e+03	9.8e+02	2.29e+06	2.73e+03	8.4e+02
103	PCB-154	1.26e+05	2.82e+03	4.5e+01	1.06e+05	2.73e+03	3.9e+01
104	PCB-144	6.18e+05	2.82e+03	2.2e+02	4.90e+05	2.73e+03	1.8e+02

105	PCB-147/149	7.47e+06	4.19e+03	1.8e+03	5.89e+06	5.94e+03	9.9e+02
106	PCB-134	4.64e+05	4.19e+03	1.1e+02	3.74e+05	5.94e+03	6.3e+01
107	PCB-143	*	4.19e+03	*	*	5.94e+03	*
108	PCB-139/140	1.27e+05	4.19e+03	3.0e+01	1.10e+05	5.94e+03	1.9e+01
109	PCB-131	1.12e+05	4.19e+03	2.7e+01	8.95e+04	5.94e+03	1.5e+01
110	PCB-142	*	4.19e+03	*	*	5.94e+03	*
111	PCB-132	3.49e+06	4.19e+03	8.3e+02	2.81e+06	5.94e+03	4.7e+02
112	PCB-133	1.38e+05	4.19e+03	3.3e+01	1.22e+05	5.94e+03	2.1e+01
113	PCB-165	*	4.19e+03	*	*	5.94e+03	*
114	PCB-146	2.00e+06	4.19e+03	4.8e+02	1.58e+06	5.94e+03	2.7e+02
115	PCB-161	*	4.19e+03	*	*	5.94e+03	*
116	PCB-153/168	1.49e+07	4.19e+03	3.5e+03	1.20e+07	5.94e+03	2.0e+03
117	PCB-141	2.40e+06	4.19e+03	5.7e+02	1.94e+06	5.94e+03	3.3e+02
118	PCB-130	6.80e+05	4.19e+03	1.6e+02	5.43e+05	5.94e+03	9.1e+01
119	PCB-137	3.72e+05	4.19e+03	8.9e+01	2.98e+05	5.94e+03	5.0e+01
120	PCB-164	1.35e+06	4.19e+03	3.2e+02	1.07e+06	5.94e+03	1.8e+02
121	PCB-129/138/163	9.43e+06	4.19e+03	2.2e+03	7.45e+06	5.94e+03	1.3e+03
122	PCB-160	*	4.19e+03	*	*	5.94e+03	*
123	PCB-158	2.12e+06	4.19e+03	5.1e+02	1.65e+06	5.94e+03	2.8e+02
124	PCB-128/166	2.09e+06	4.19e+03	5.0e+02	1.66e+06	5.94e+03	2.8e+02
125	PCB-159	3.32e+05	7.17e+03	4.6e+01	2.61e+05	2.96e+03	8.8e+01
126	PCB-162	8.12e+04	7.17e+03	1.1e+01	6.48e+04	2.96e+03	2.2e+01
127	PCB-167	8.57e+05	7.17e+03	1.2e+02	7.14e+05	2.96e+03	2.4e+02
128	PCB-156/157	2.06e+06	7.17e+03	2.9e+02	1.64e+06	2.96e+03	5.5e+02
129	PCB-169	6.70e+05	7.17e+03	9.4e+01	2.70e+05	2.96e+03	9.1e+01
130	PCB-188	1.65e+04	1.46e+03	1.1e+01	1.12e+04	1.58e+03	7.1e+00
131	PCB-179	1.98e+06	1.46e+03	1.4e+03	1.90e+06	1.58e+03	1.2e+03
132	PCB-184	*	1.46e+03	*	*	1.58e+03	*
133	PCB-176	5.75e+05	1.46e+03	3.9e+02	5.80e+05	1.58e+03	3.7e+02
134	PCB-186	*	1.46e+03	*	*	1.58e+03	*
135	PCB-178	8.55e+05	1.46e+03	5.8e+02	8.23e+05	1.58e+03	5.2e+02
136	PCB-175	1.96e+05	1.46e+03	1.3e+02	1.99e+05	1.58e+03	1.3e+02
137	PCB-187	6.18e+06	1.46e+03	4.2e+03	6.01e+06	1.58e+03	3.8e+03
138	PCB-182	3.09e+04	1.46e+03	2.1e+01	2.82e+04	1.58e+03	1.8e+01
139	PCB-183	2.57e+06	3.96e+03	6.5e+02	2.48e+06	2.05e+03	1.2e+03
140	PCB-185	4.94e+05	3.96e+03	1.2e+02	4.82e+05	2.05e+03	2.4e+02
141	PCB-174	3.94e+06	3.96e+03	9.9e+02	3.74e+06	2.05e+03	1.8e+03
142	PCB-177	2.00e+06	3.96e+03	5.0e+02	1.91e+06	2.05e+03	9.3e+02
143	PCB-181	*	3.96e+03	*	*	2.05e+03	*
144	PCB-171/173	1.21e+06	3.96e+03	3.1e+02	1.13e+06	2.05e+03	5.5e+02
145	PCB-172	7.08e+05	3.96e+03	1.8e+02	6.84e+05	2.05e+03	3.3e+02
146	PCB-192	*	3.96e+03	*	*	2.05e+03	*
147	PCB-180/193	1.12e+07	3.96e+03	2.8e+03	1.08e+07	2.05e+03	5.3e+03
148	PCB-191	2.67e+05	3.96e+03	6.7e+01	2.72e+05	2.05e+03	1.3e+02
149	PCB-170	3.95e+06	3.96e+03	1.0e+03	3.72e+06	2.05e+03	1.8e+03
150	PCB-190	1.17e+06	3.96e+03	3.0e+02	1.12e+06	2.05e+03	5.5e+02
151	PCB-189	2.02e+05	3.96e+03	5.1e+01	2.06e+05	2.05e+03	1.0e+02
152	PCB-202	4.00e+05	1.31e+03	3.1e+02	4.43e+05	1.18e+03	3.8e+02
153	PCB-201	3.33e+05	1.31e+03	2.5e+02	3.60e+05	1.18e+03	3.1e+02
154	PCB-204	*	1.31e+03	*	*	1.18e+03	*
155	PCB-197	8.64e+04	1.31e+03	6.6e+01	9.91e+04	1.18e+03	8.4e+01
156	PCB-200	2.81e+05	1.31e+03	2.2e+02	3.28e+05	1.18e+03	2.8e+02
157	PCB-198/199	2.07e+06	1.31e+03	1.6e+03	2.31e+06	1.18e+03	2.0e+03
158	PCB-196	1.00e+06	1.31e+03	7.7e+02	1.15e+06	1.18e+03	9.8e+02
159	PCB-203	1.38e+06	1.31e+03	1.1e+03	1.57e+06	1.18e+03	1.3e+03
160	PCB-195	7.83e+05	1.31e+03	6.0e+02	8.91e+05	1.18e+03	7.6e+02
161	PCB-194	2.11e+06	1.31e+03	1.6e+03	2.36e+06	1.18e+03	2.0e+03
162	PCB-205	1.43e+05	1.31e+03	1.1e+02	1.53e+05	1.18e+03	1.3e+02

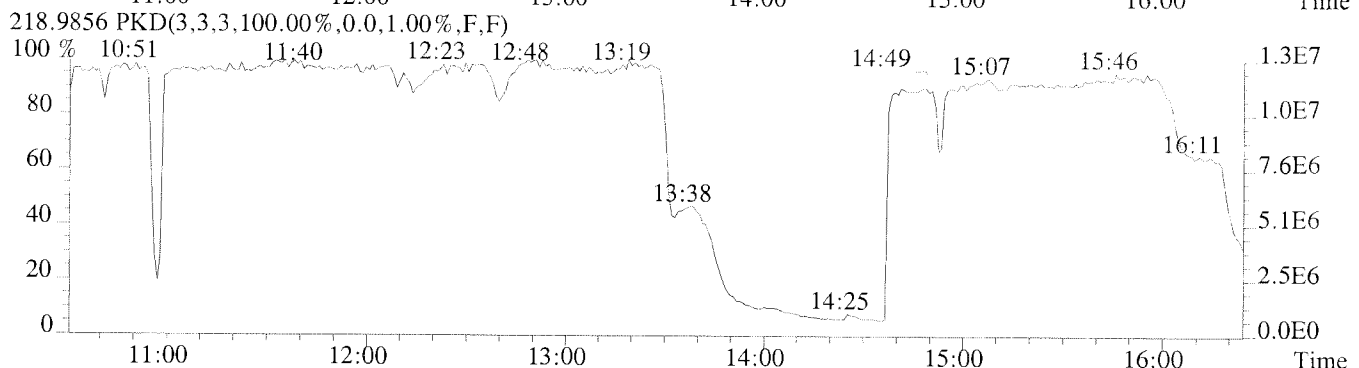
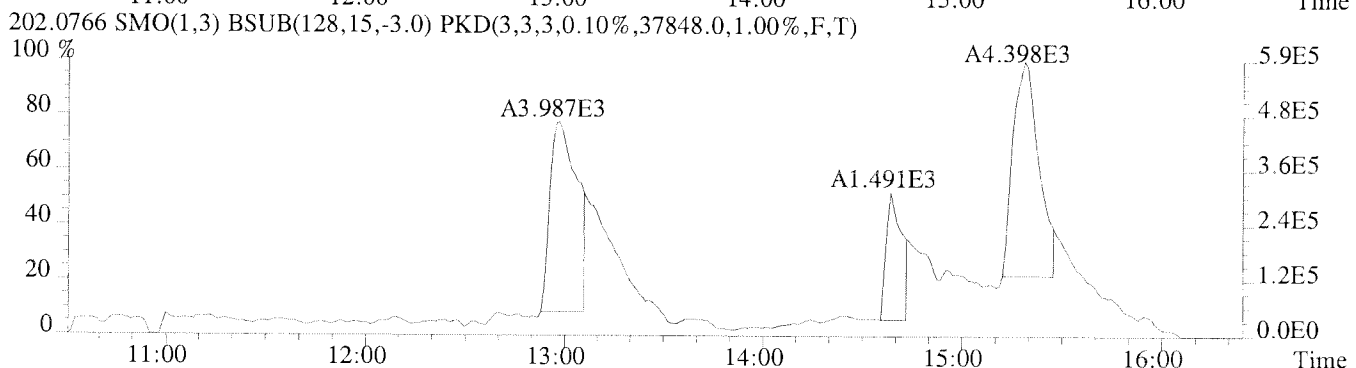
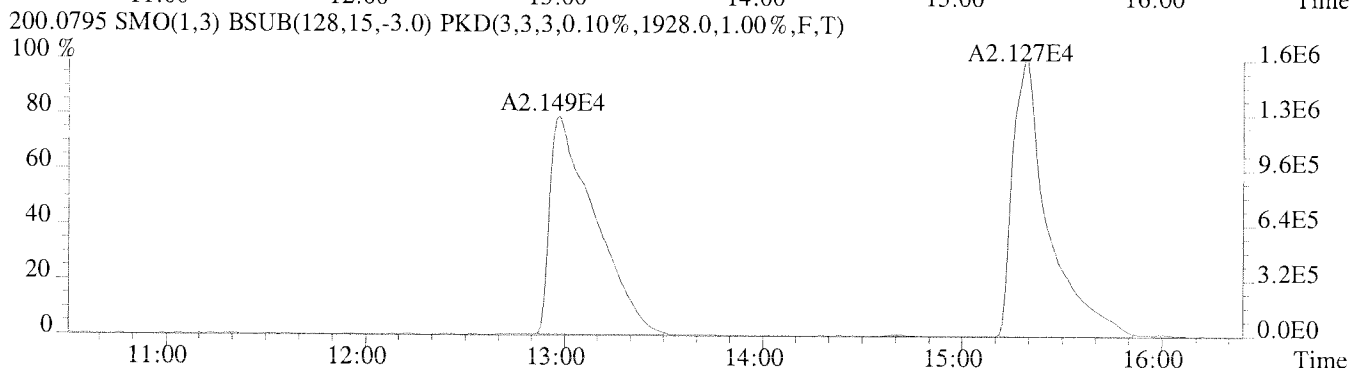
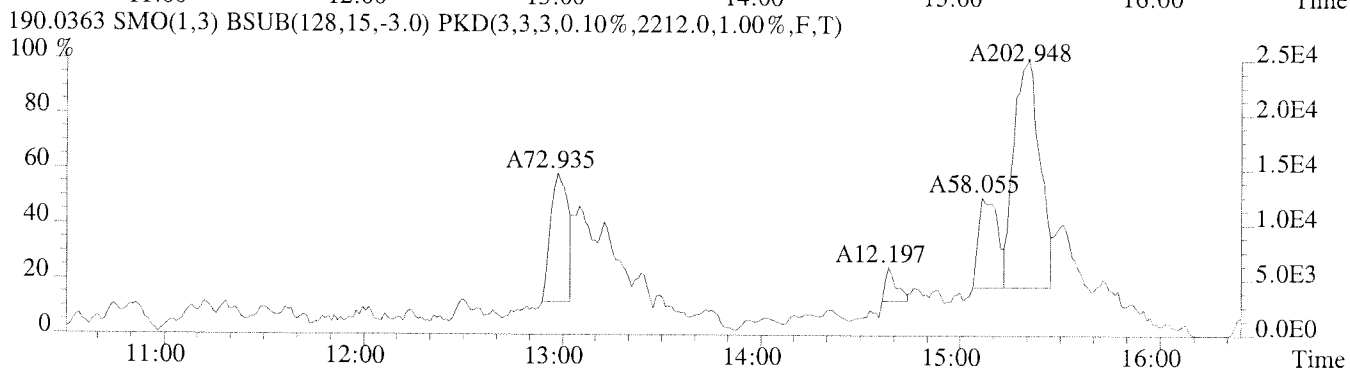
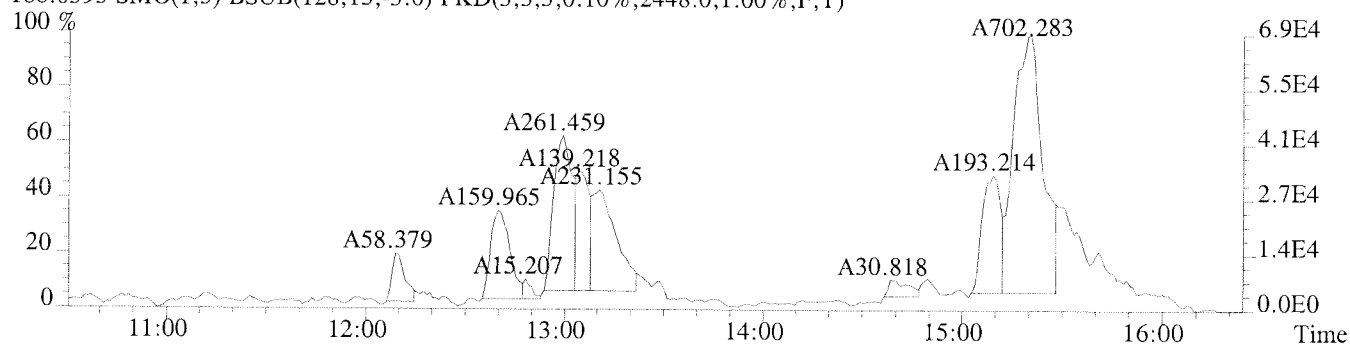
Run #12

Filename U224764#1 Samp: 1

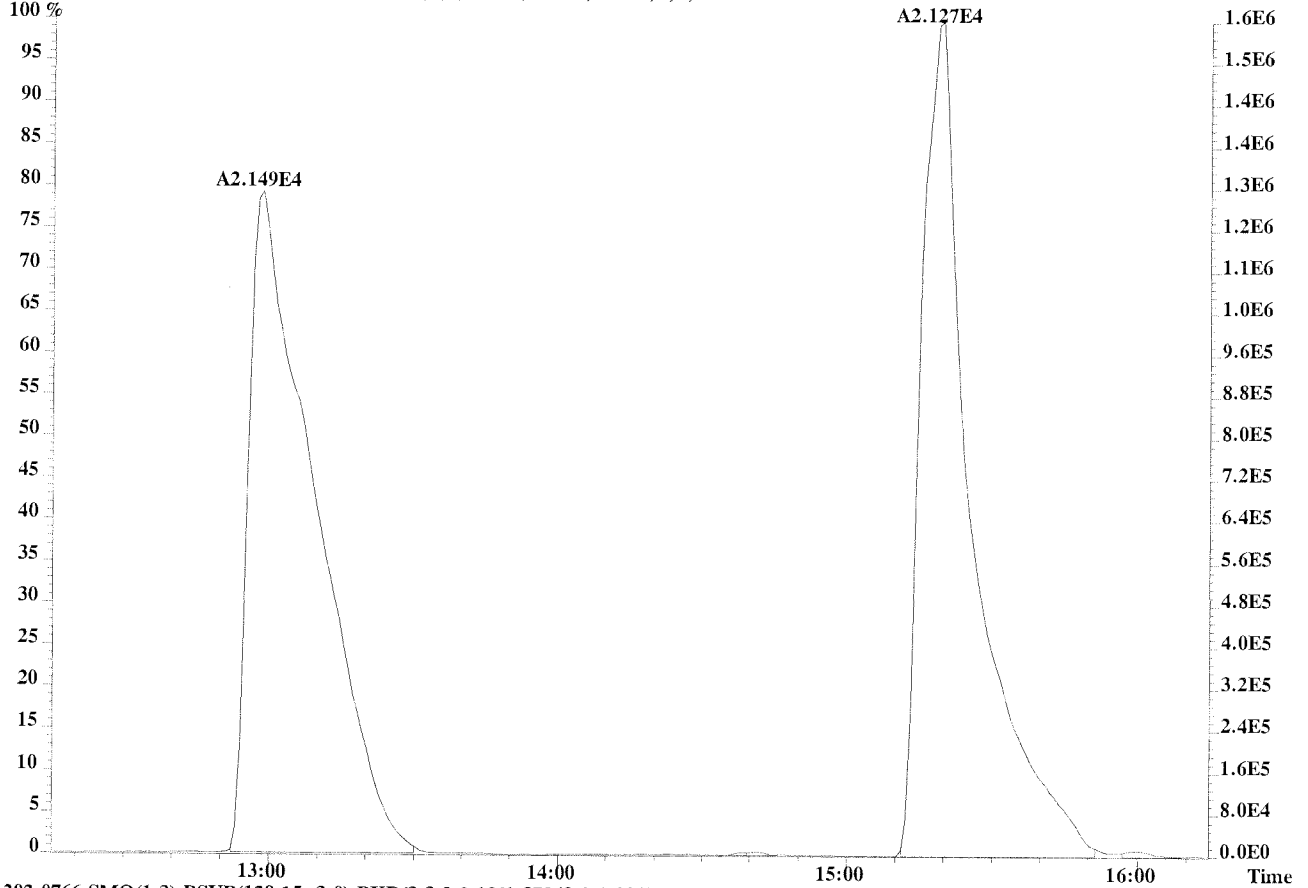
Acquired: 15-JAN-11 19:05:49

163	PCB-208	1.57e+05	1.23e+03	1.3e+02	2.00e+05	1.12e+03	1.8e+02
164	PCB-207	1.09e+05	1.23e+03	8.9e+01	1.44e+05	1.12e+03	1.3e+02
165	PCB-206	4.74e+05	1.32e+03	3.6e+02	6.34e+05	1.45e+03	4.4e+02
166	PCB-209	1.93e+05	7.16e+02	2.7e+02	1.65e+05	9.84e+02	1.7e+02
167	PCB-1L	1.27e+06	1.93e+03	6.6e+02	4.25e+05	3.78e+04	1.1e+01
168	PCB-3L	1.60e+06	1.93e+03	8.3e+02	5.09e+05	3.78e+04	1.3e+01
169	PCB-4L	5.94e+05	5.73e+03	1.0e+02	3.84e+05	3.84e+03	1.0e+02
170	PCB-15L	3.88e+06	1.12e+03	3.5e+03	2.41e+06	4.03e+03	6.0e+02
171	PCB-19L	1.89e+06	1.10e+05	1.7e+01	1.75e+06	1.42e+05	1.2e+01
172	PCB-37L	2.86e+06	2.28e+04	1.3e+02	2.64e+06	2.90e+04	9.1e+01
173	PCB-54L	2.75e+06	1.48e+04	1.9e+02	3.47e+06	1.26e+04	2.8e+02
174	PCB-81L	1.99e+06	5.77e+03	3.4e+02	2.40e+06	4.38e+03	5.5e+02
175	PCB-77L	1.55e+06	5.77e+03	2.7e+02	1.84e+06	4.38e+03	4.2e+02
176	PCB-104L	3.60e+06	1.32e+03	2.7e+03	2.30e+06	6.00e+02	3.8e+03
177	PCB-123L	3.28e+06	4.14e+03	7.9e+02	2.04e+06	3.77e+03	5.4e+02
178	PCB-118L	3.32e+06	4.14e+03	8.0e+02	2.01e+06	3.77e+03	5.3e+02
179	PCB-114L	3.41e+06	4.14e+03	8.3e+02	2.07e+06	3.77e+03	5.5e+02
180	PCB-105L	3.13e+06	4.14e+03	7.6e+02	1.96e+06	3.77e+03	5.2e+02
181	PCB-126L	3.16e+06	4.14e+03	7.6e+02	2.01e+06	3.77e+03	5.3e+02
182	PCB-155L	3.66e+06	2.86e+03	1.3e+03	2.97e+06	2.36e+03	1.3e+03
183	PCB-167L	2.73e+06	1.89e+03	1.4e+03	2.09e+06	1.60e+03	1.3e+03
184	PCB-156/157L	3.92e+06	1.89e+03	2.1e+03	2.95e+06	1.60e+03	1.8e+03
185	PCB-169L	2.31e+06	1.89e+03	1.2e+03	1.68e+06	1.60e+03	1.1e+03
186	PCB-188L	3.07e+06	2.10e+03	1.5e+03	2.92e+06	1.62e+03	1.8e+03
187	PCB-189L	2.04e+06	1.08e+03	1.9e+03	1.93e+06	1.14e+03	1.7e+03
188	PCB-202L	2.35e+06	2.02e+03	1.2e+03	2.58e+06	1.58e+03	1.6e+03
189	PCB-205L	2.04e+06	2.02e+03	1.0e+03	2.24e+06	1.58e+03	1.4e+03
190	PCB-208L	2.10e+06	9.64e+02	2.2e+03	2.71e+06	9.76e+02	2.8e+03
191	PCB-206L	1.12e+06	1.46e+03	7.7e+02	1.41e+06	1.45e+03	9.7e+02
192	PCB-209L	1.68e+06	1.25e+03	1.3e+03	1.45e+06	1.06e+03	1.4e+03
193	PCB-28L	3.42e+06	2.28e+04	1.5e+02	3.18e+06	2.90e+04	1.1e+02
194	PCB-111L	1.98e+06	3.06e+03	6.5e+02	1.28e+06	3.49e+03	3.7e+02
195	PCB-178L	2.22e+06	2.10e+03	1.1e+03	2.13e+06	1.62e+03	1.3e+03
196	PCB-9L	6.40e+06	1.12e+03	5.7e+03	3.94e+06	4.03e+03	9.8e+02
197	PCB-52L	2.33e+06	3.56e+03	6.5e+02	3.00e+06	4.24e+03	7.1e+02
198	PCB-101L	3.18e+06	3.06e+03	1.0e+03	1.96e+06	3.49e+03	5.6e+02
199	PCB-138L	2.64e+06	2.12e+03	1.2e+03	2.05e+06	2.06e+03	1.0e+03
200	PCB-194L	1.95e+06	2.02e+03	9.7e+02	2.18e+06	1.58e+03	1.4e+03

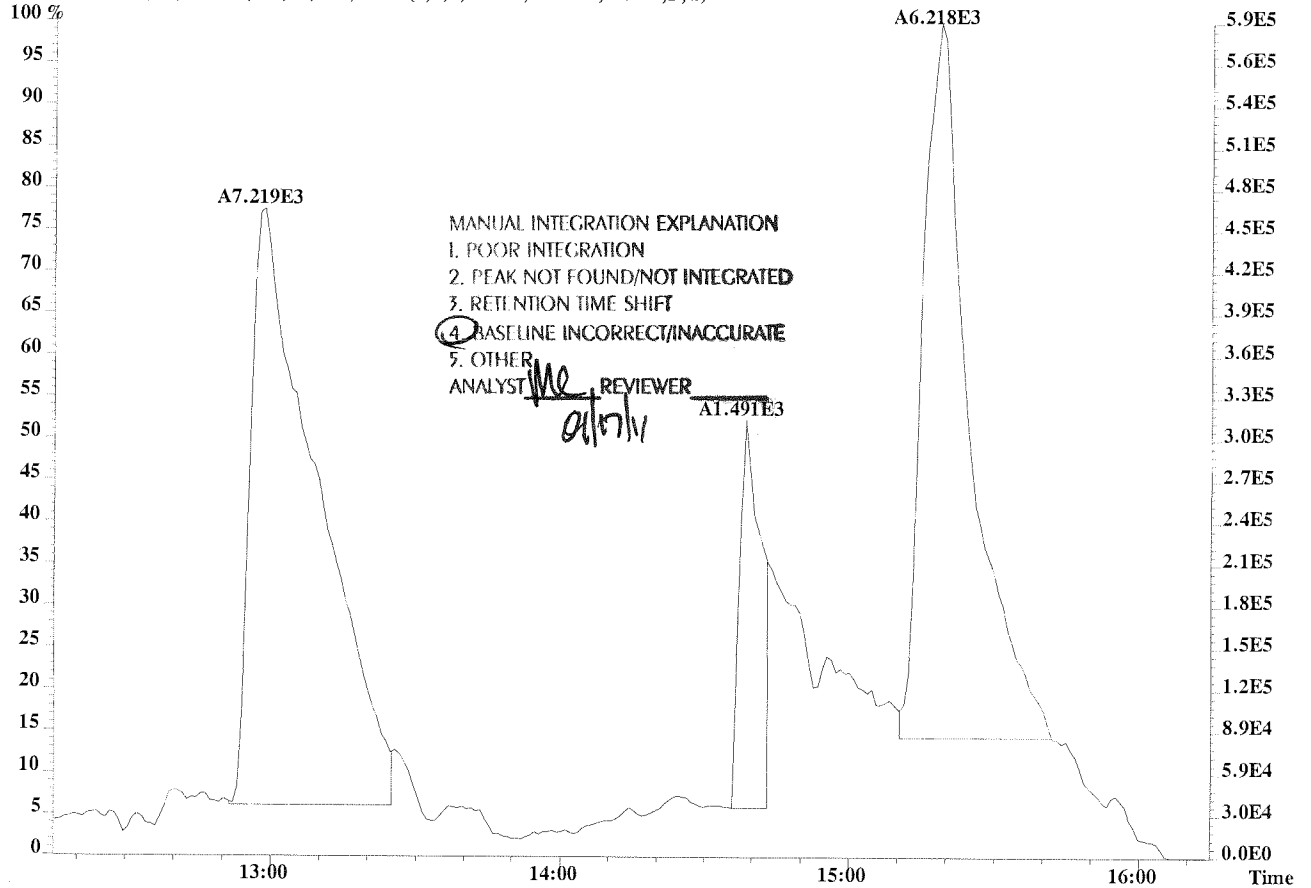
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Sample#1 Exp:K1013433-012 USENE/W101
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2448.0,1.00%,F,T)



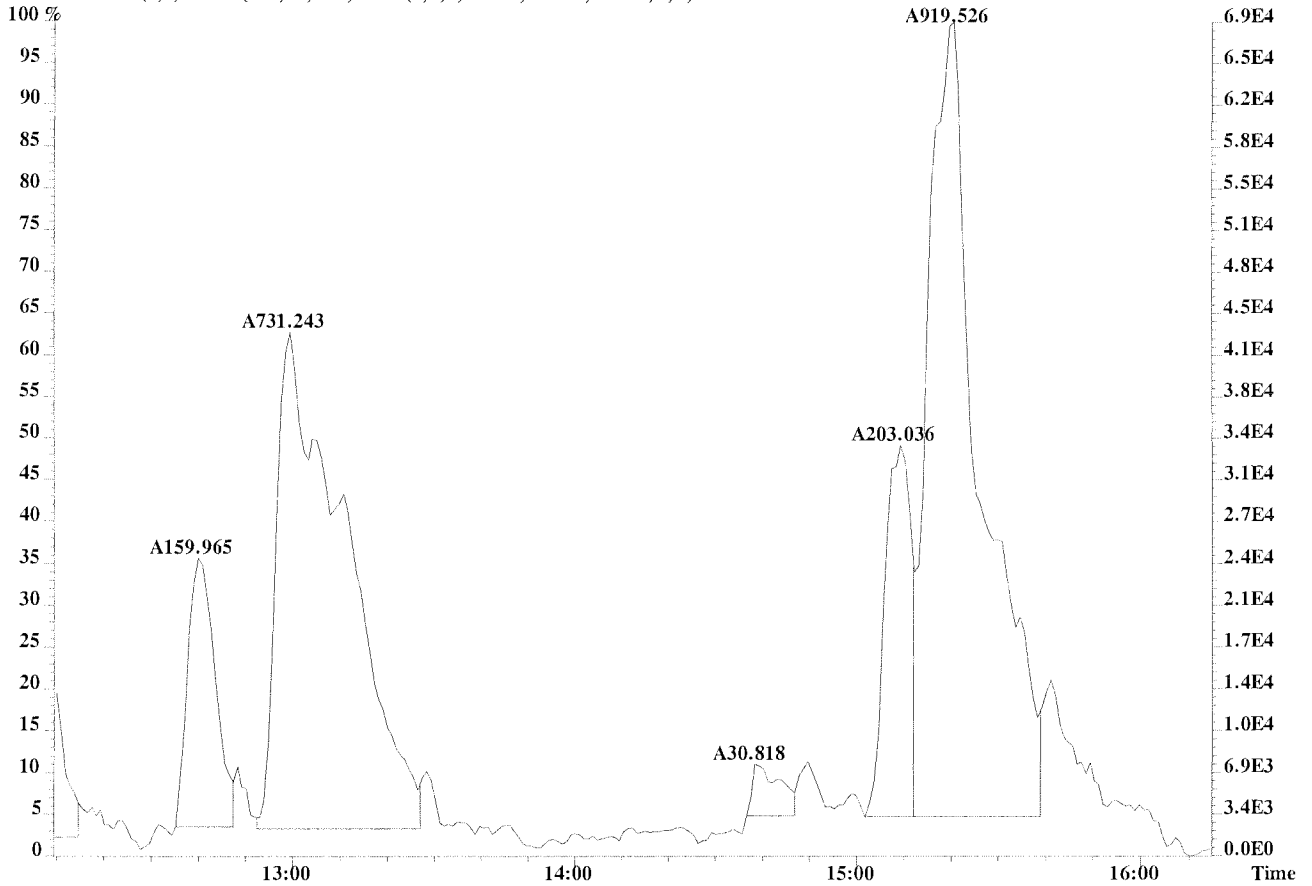
File: U224764 #1-379 Acq: 15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp: K1013433-012 USENE/W101
 200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1928.0,1.00%,F,T)



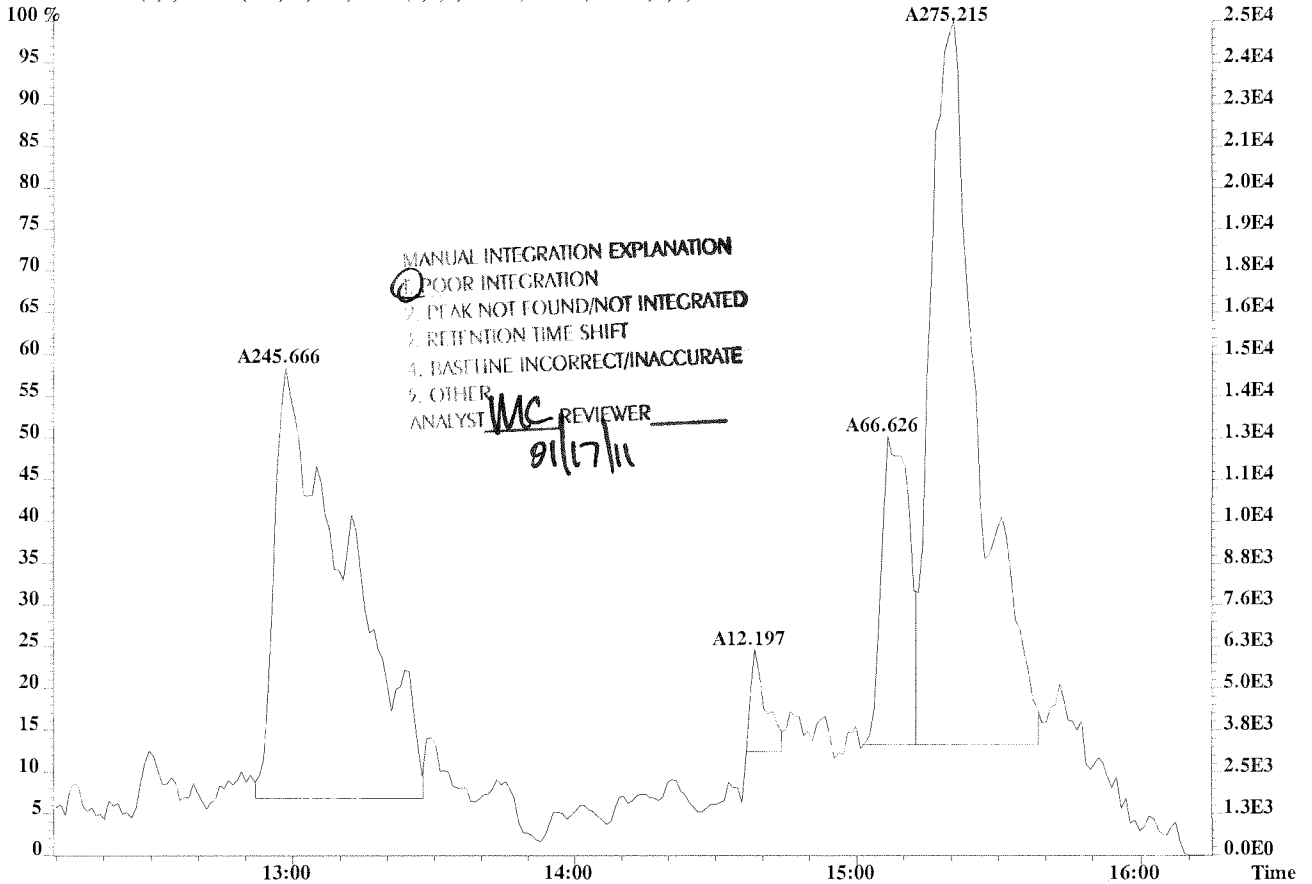
202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,37848.0,1.00%,F,T)



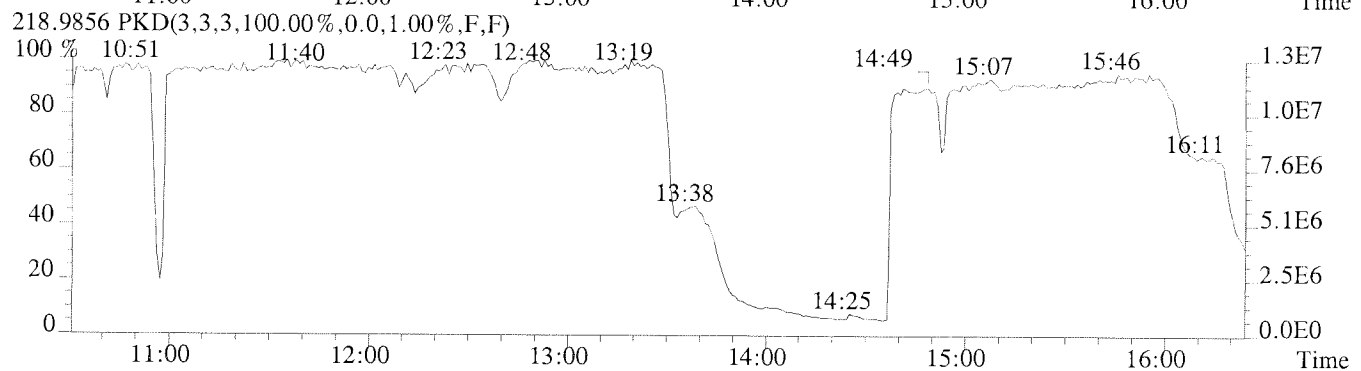
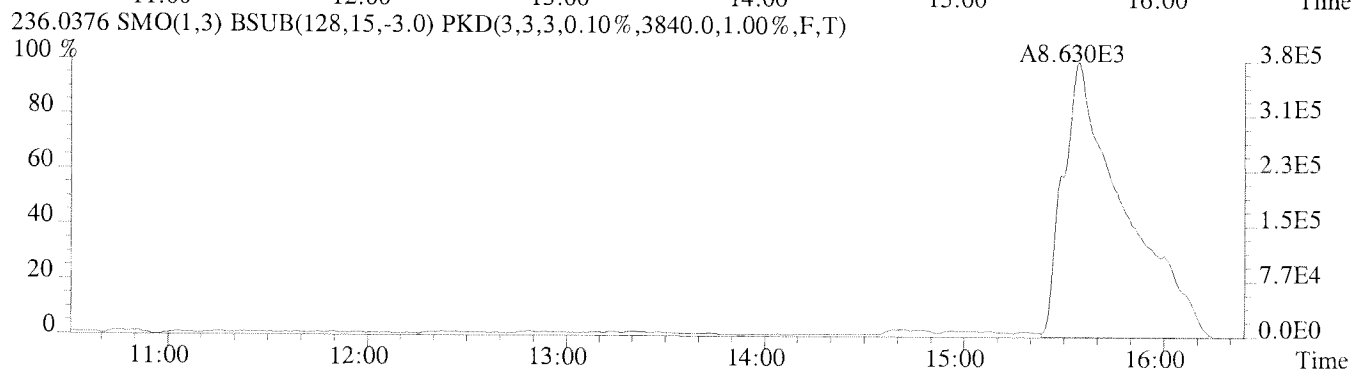
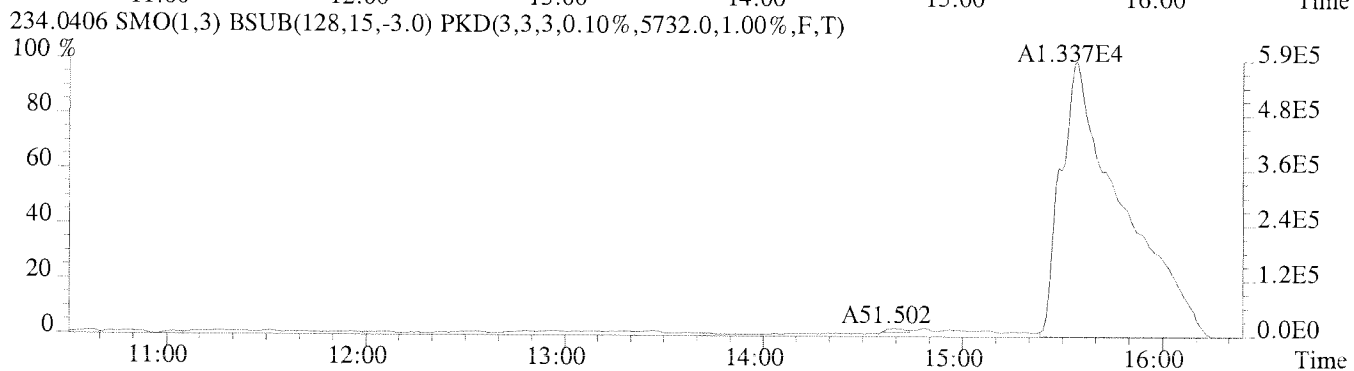
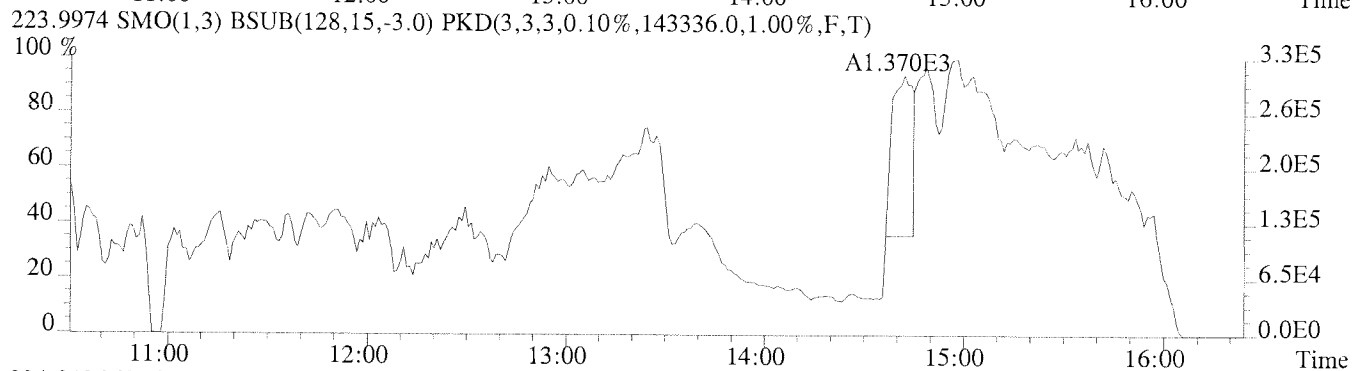
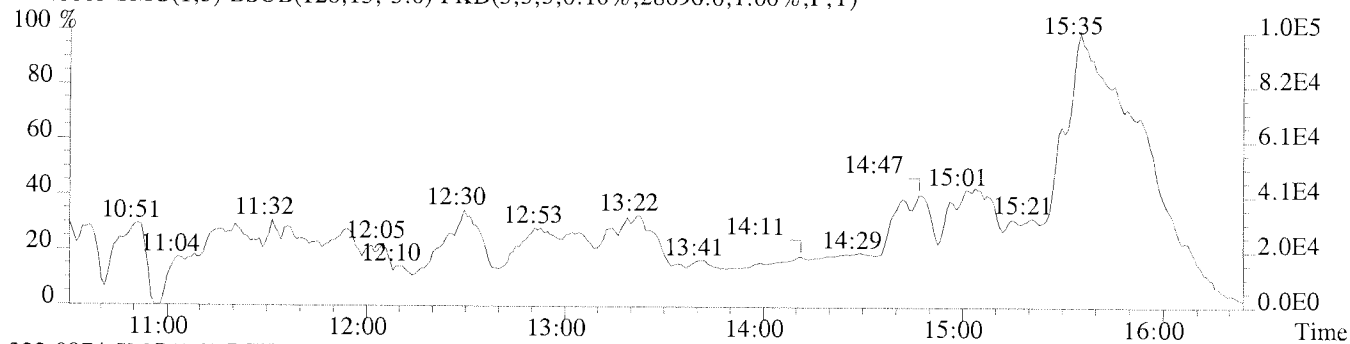
File:U224764 #1-379 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-012 USENE/W101
 188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2448.0,1.00%,F,T)

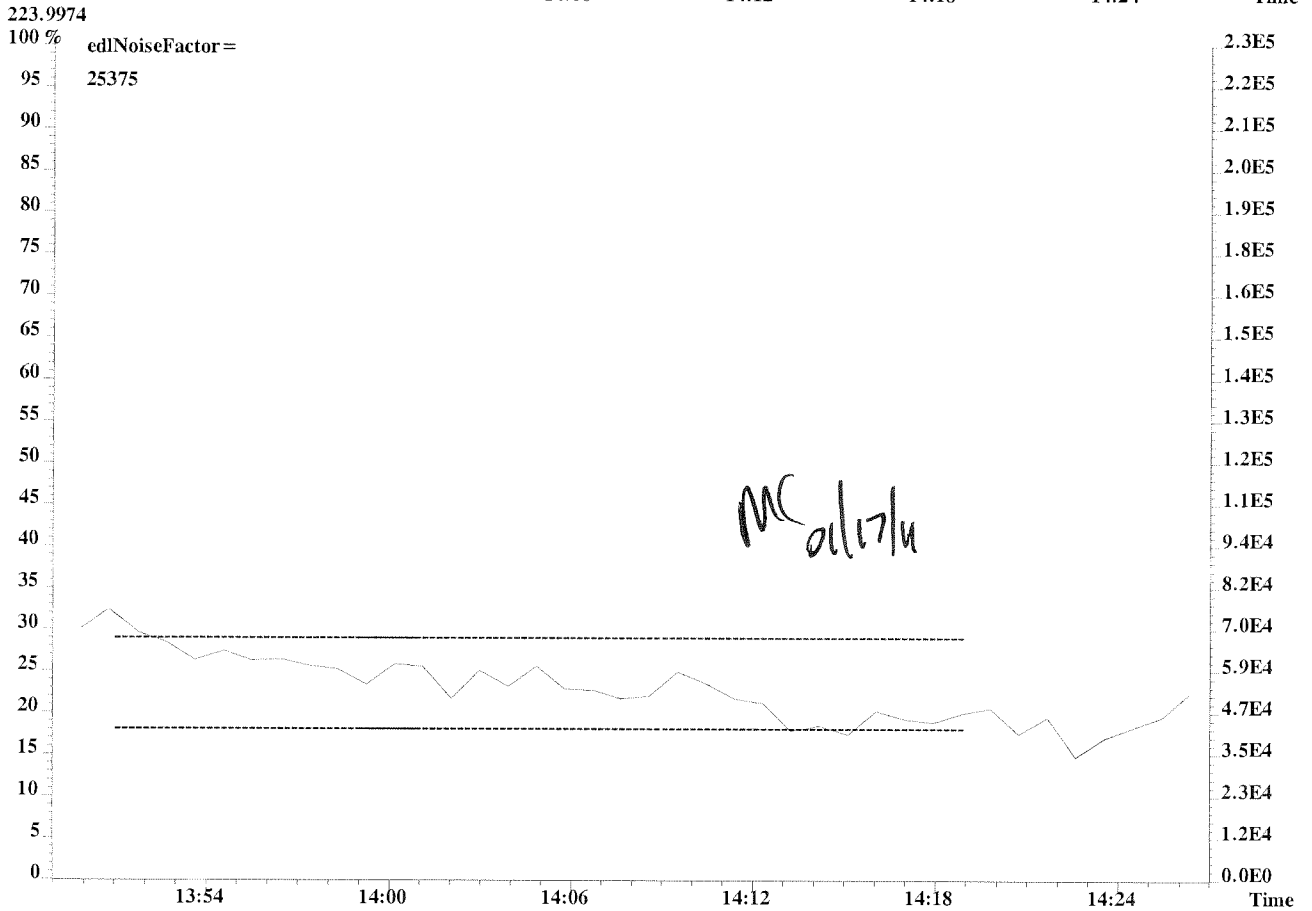
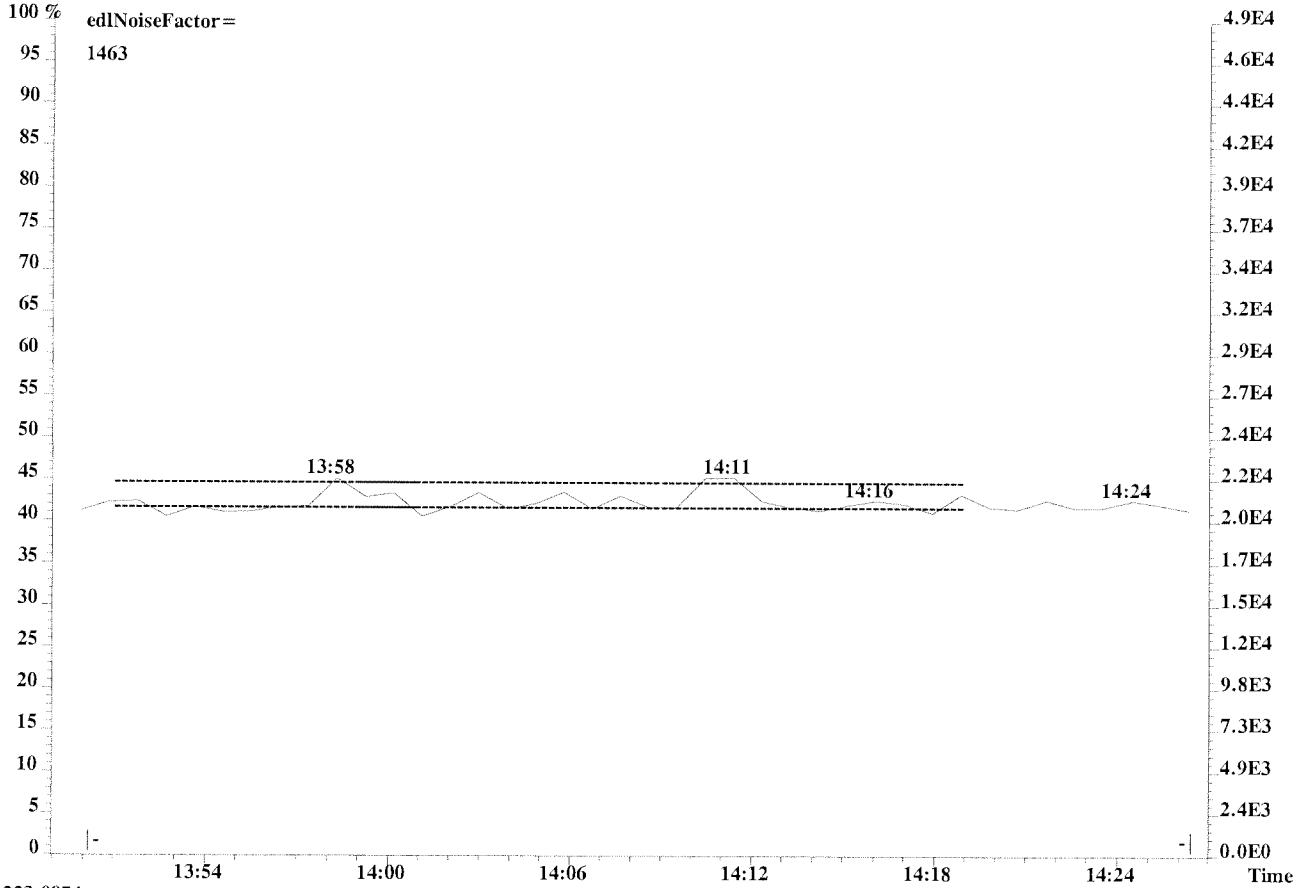


190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2212.0,1.00%,F,T)

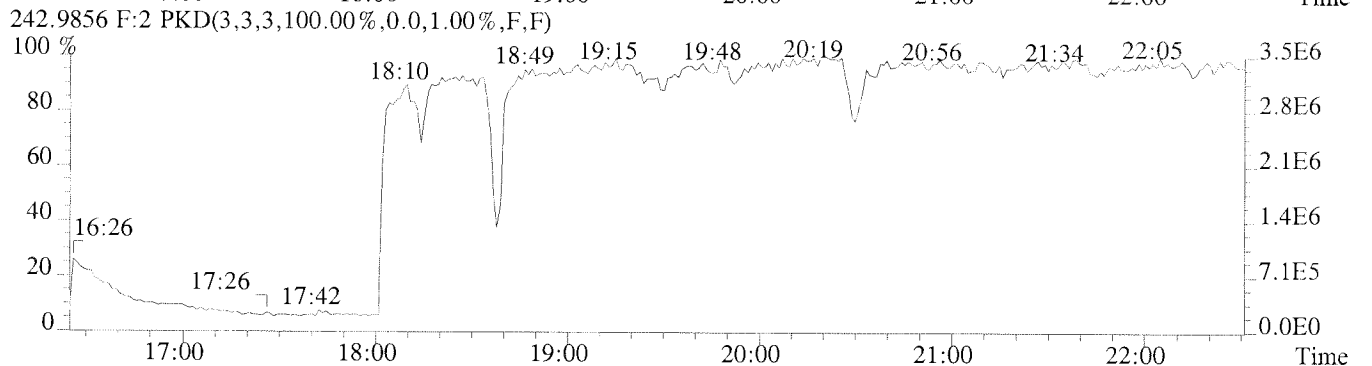
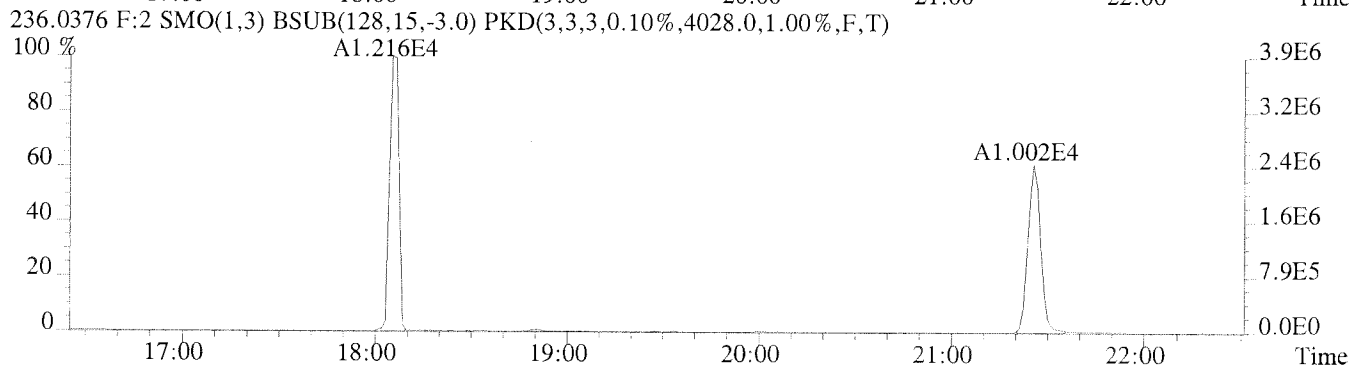
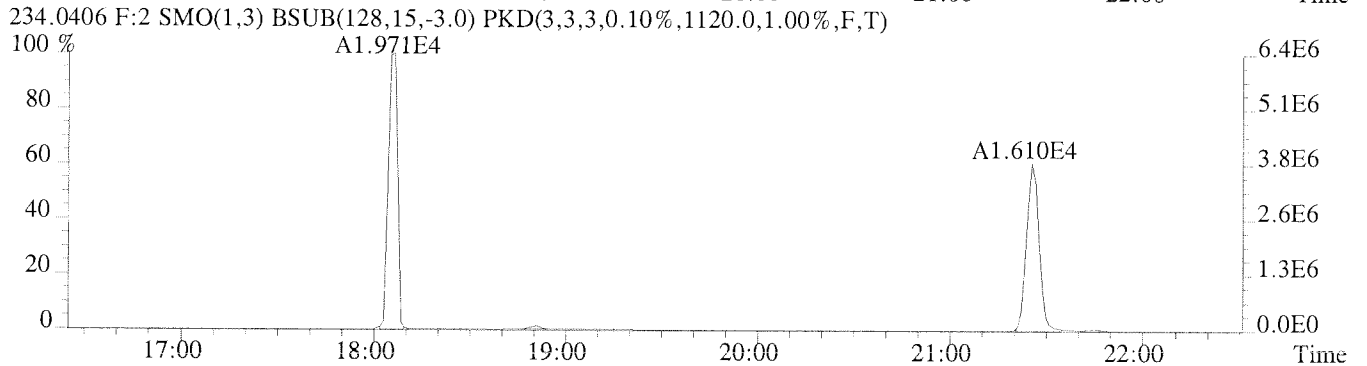
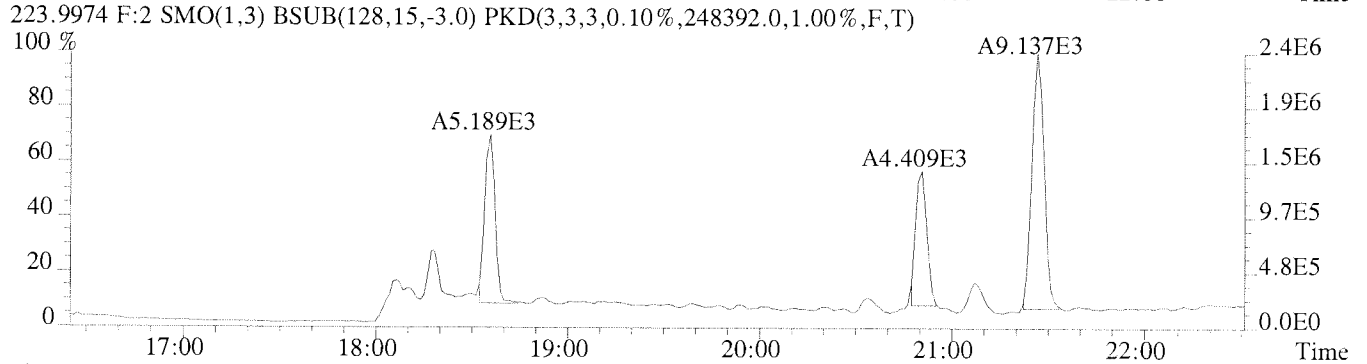
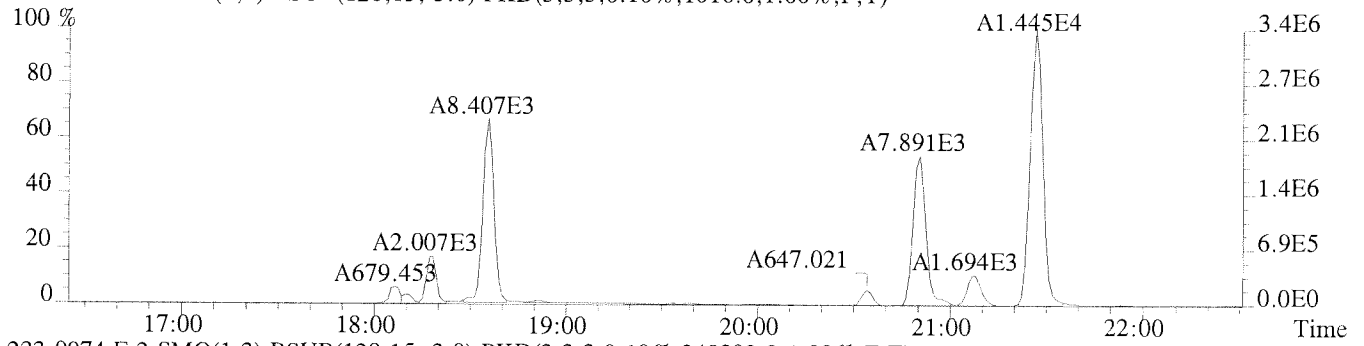


File:U224764 #1-379 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,28696.0,1.00%,F,T)

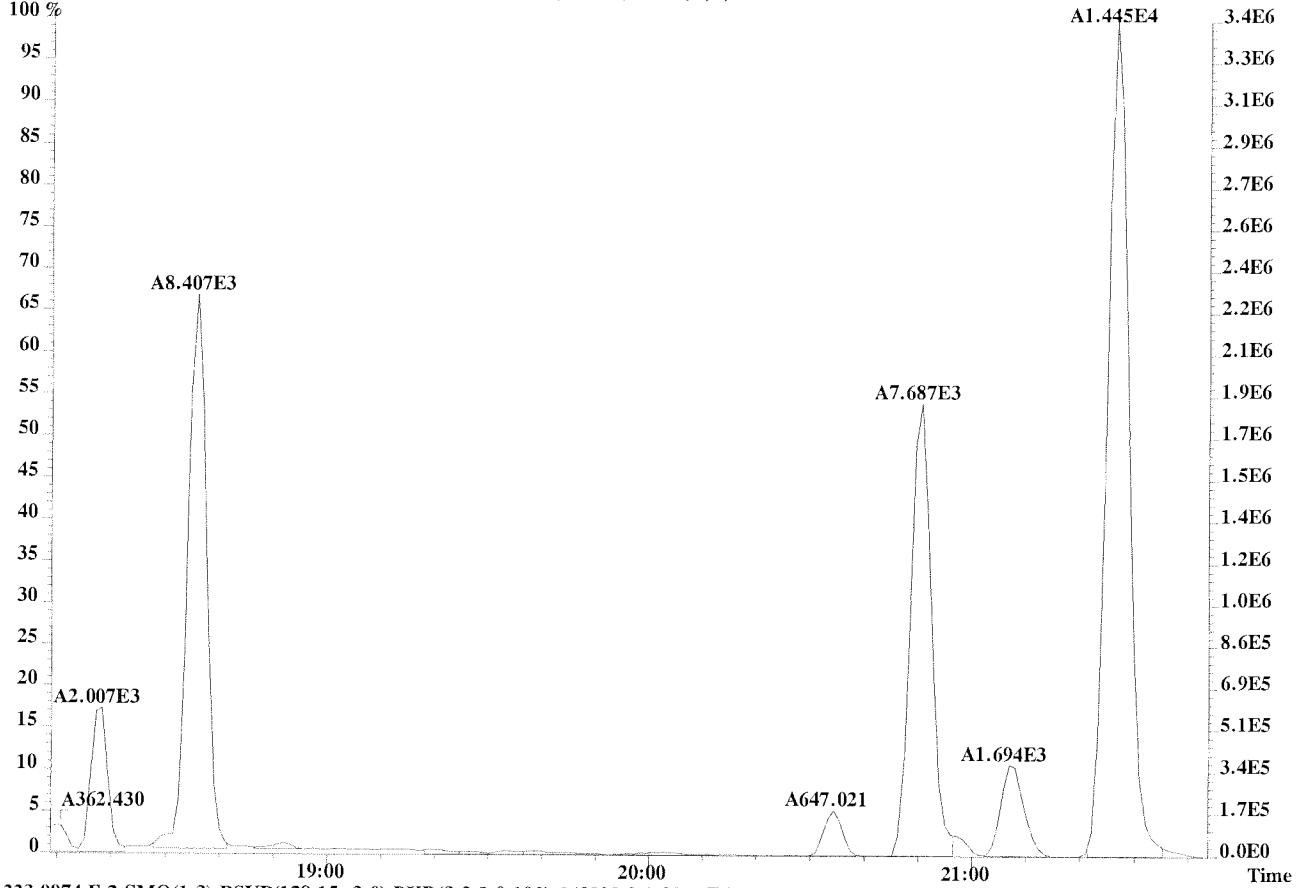




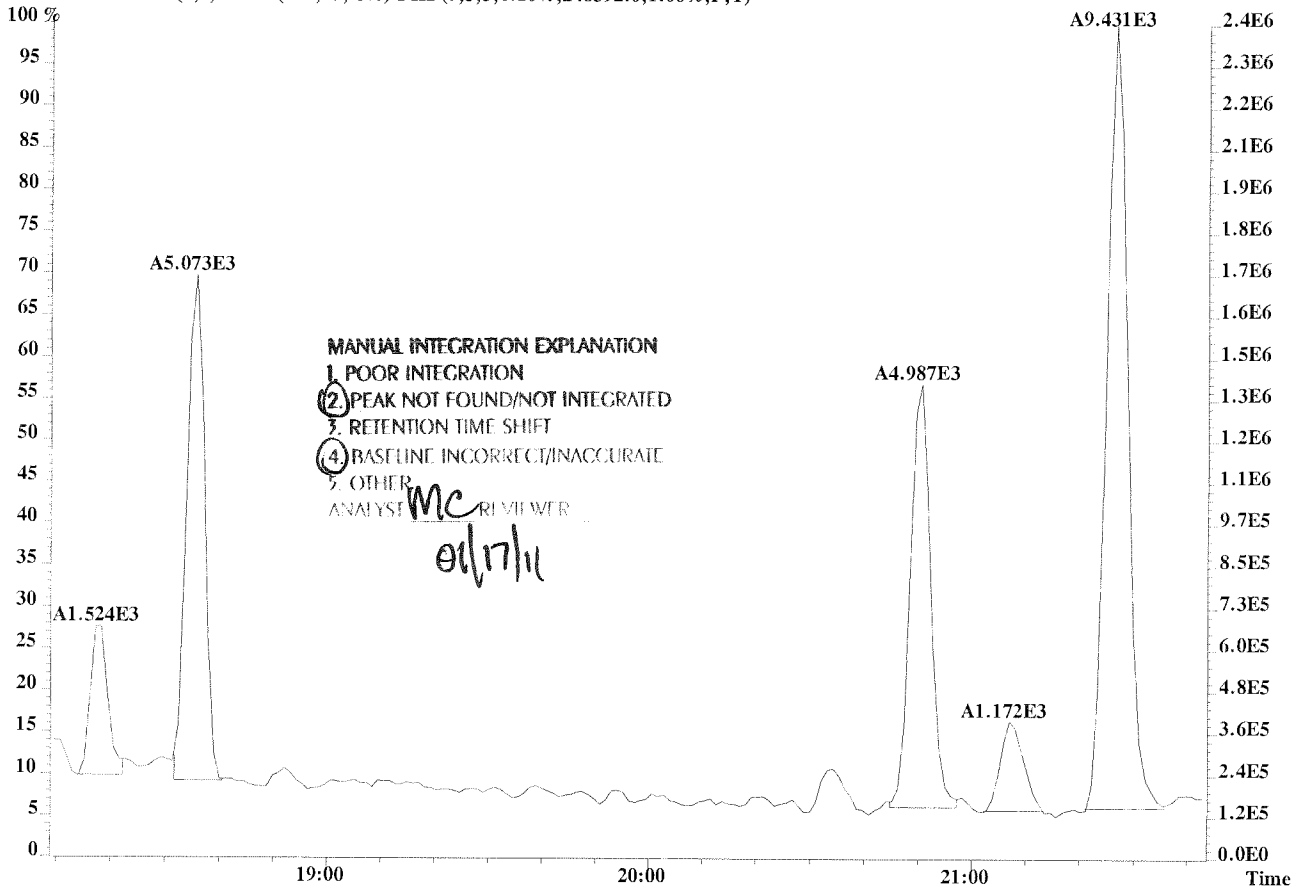
File:U224764 #1-337 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1016.0,1.00%,F,T)

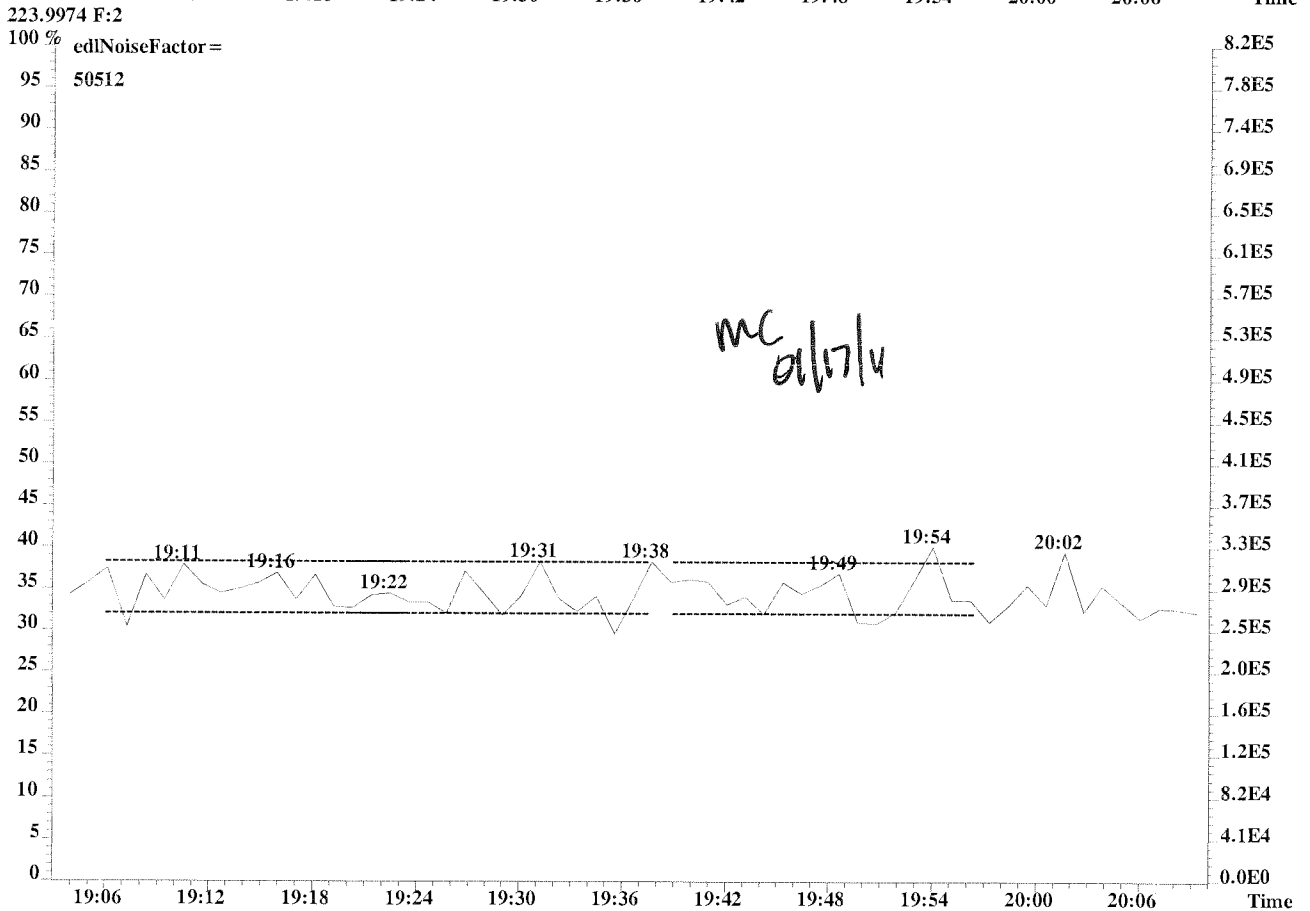
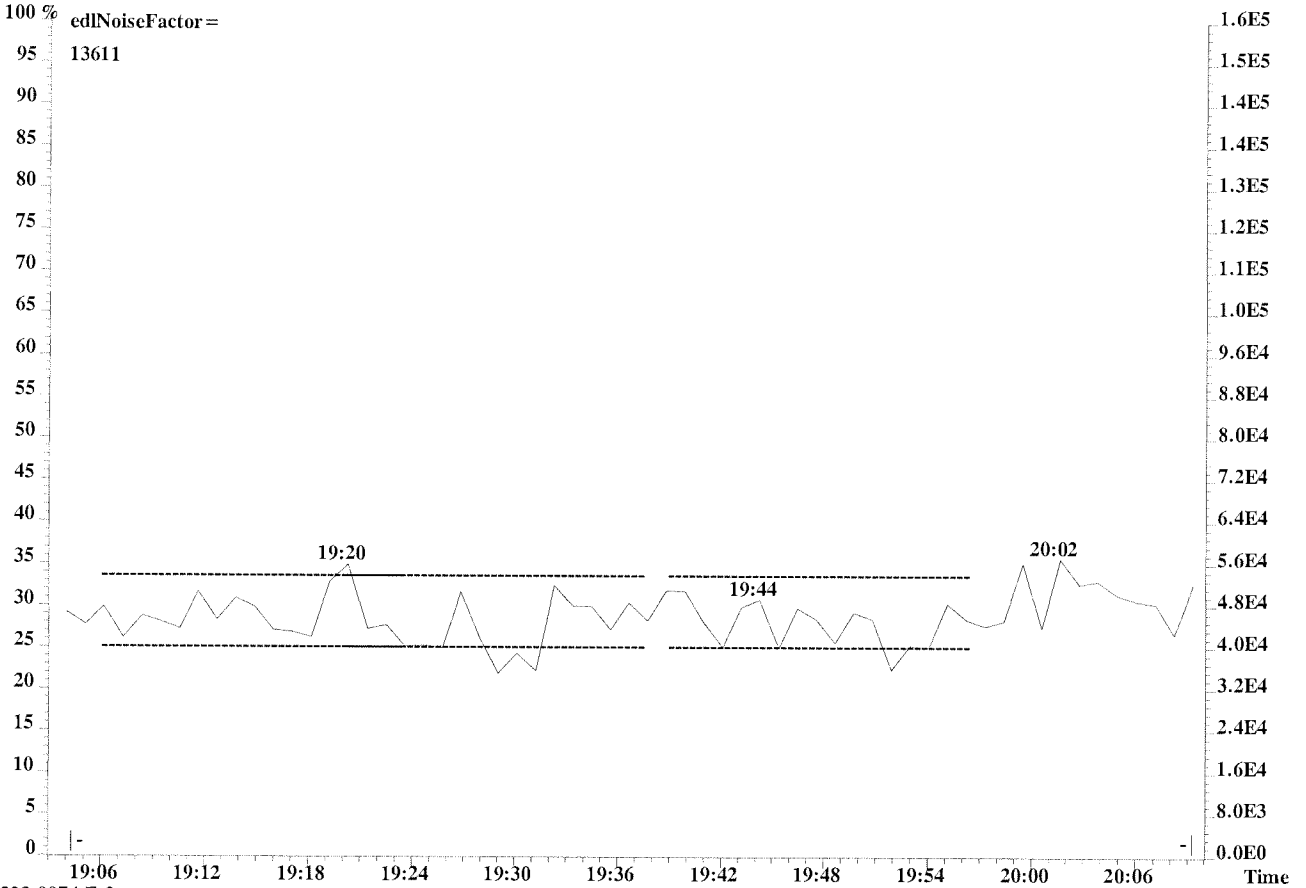


File:U224764 #1-337 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-012 USENE/W101
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1016.0,1.00%,F,T)

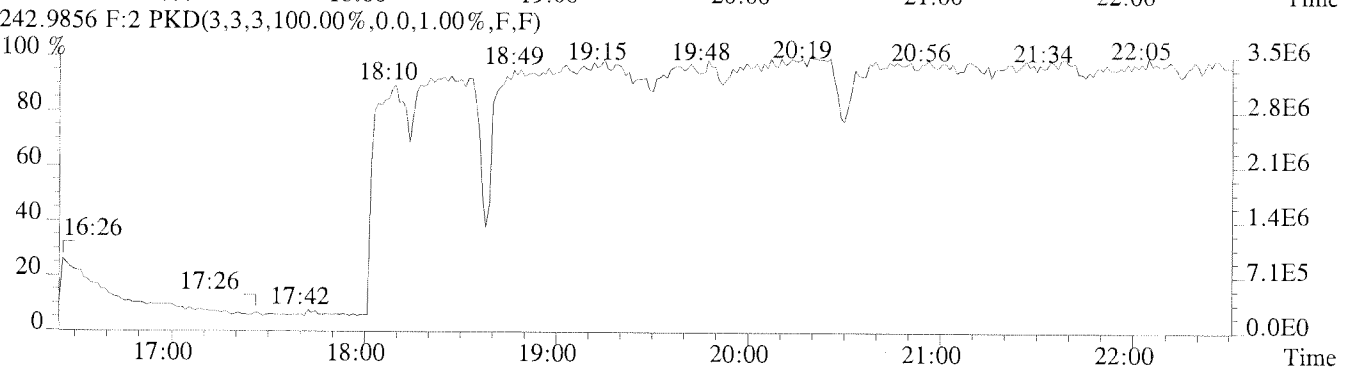
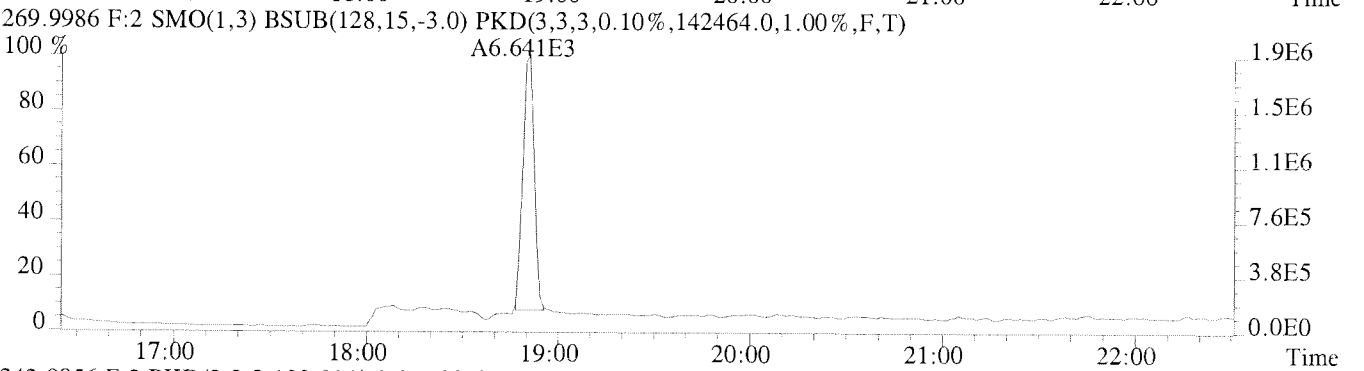
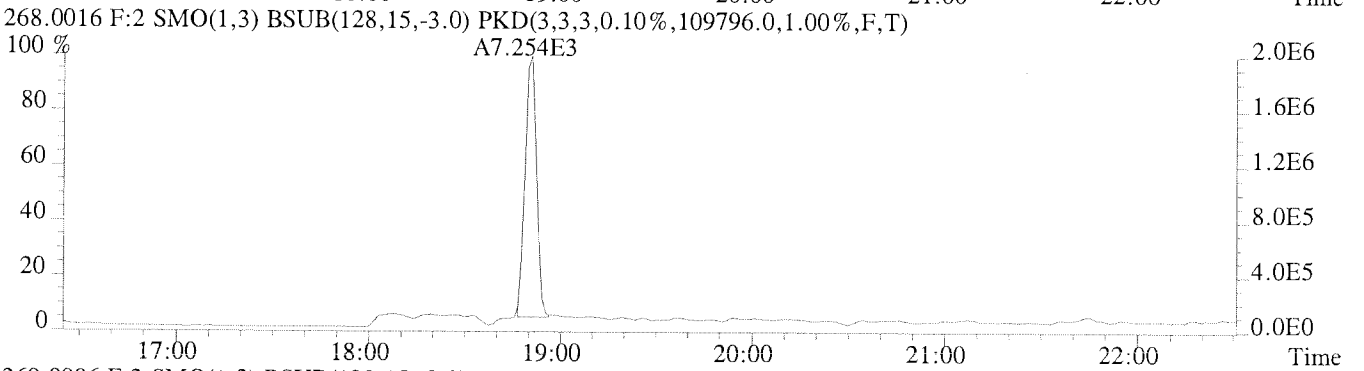
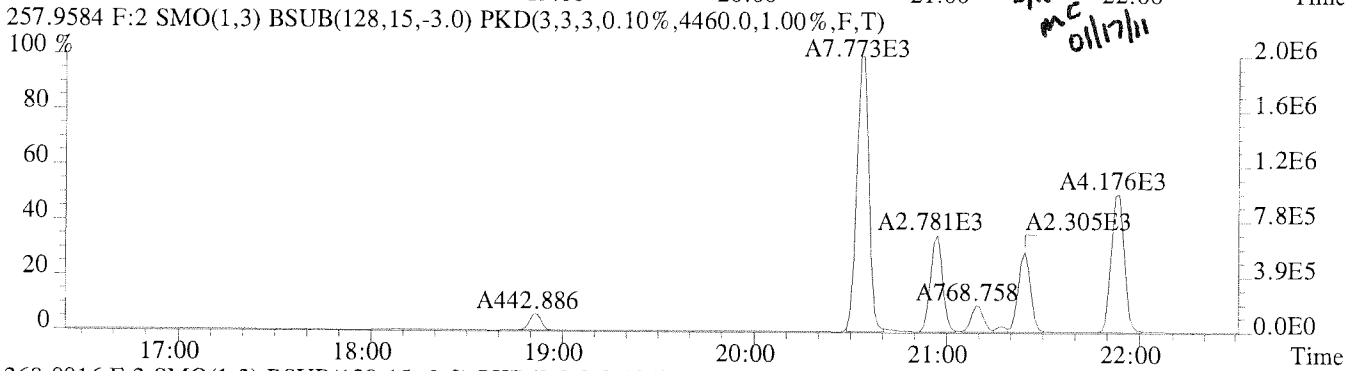
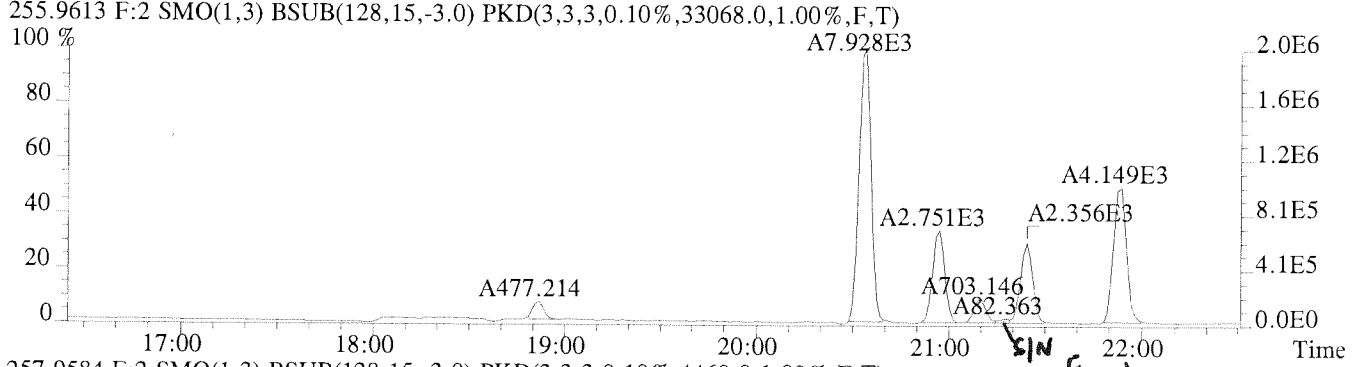


223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,248392.0,1.00%,F,T)

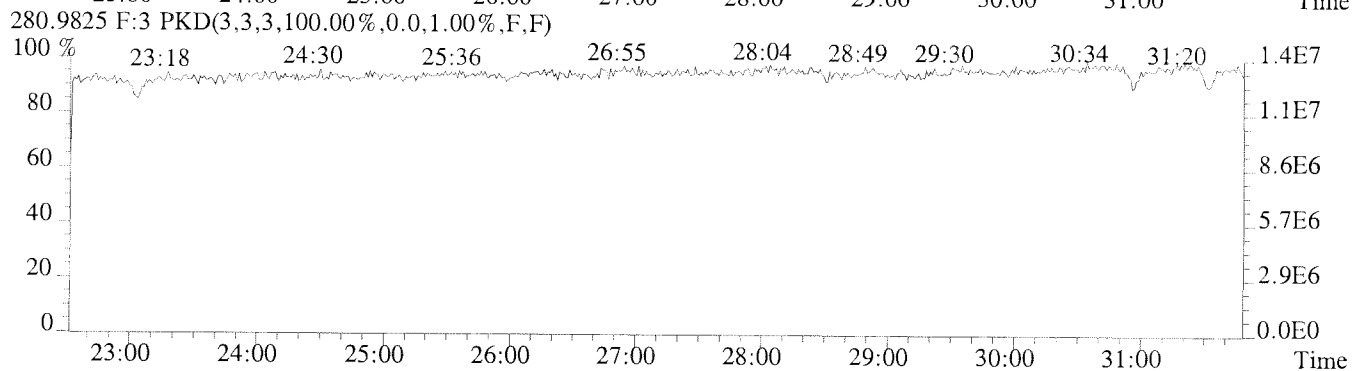
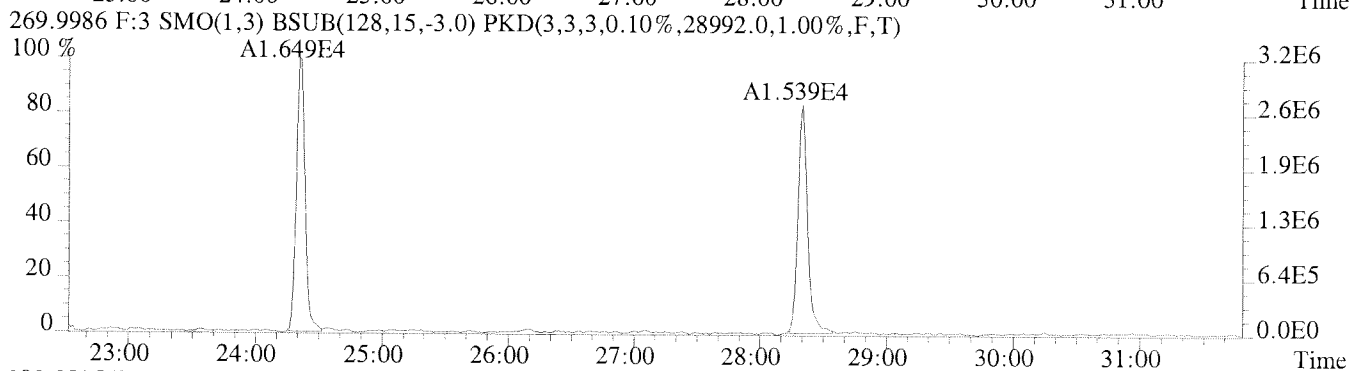
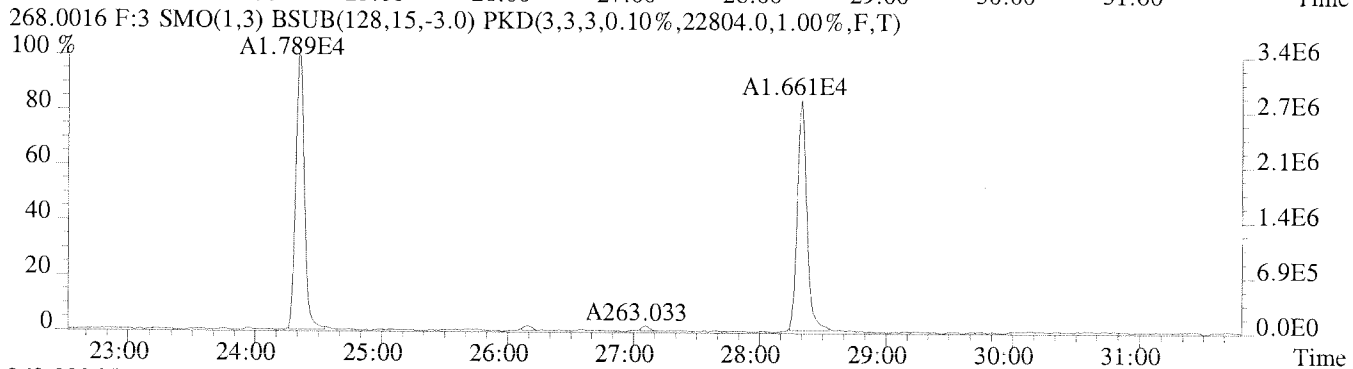
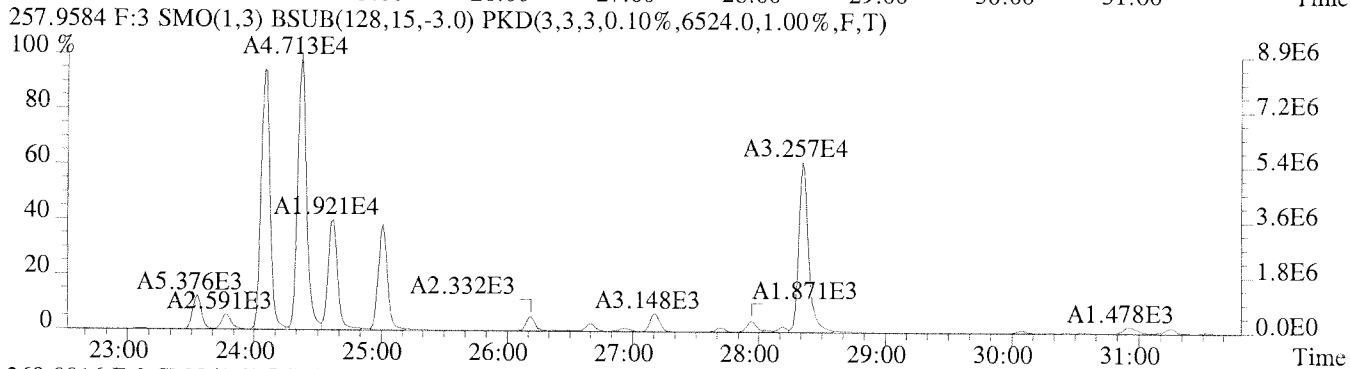
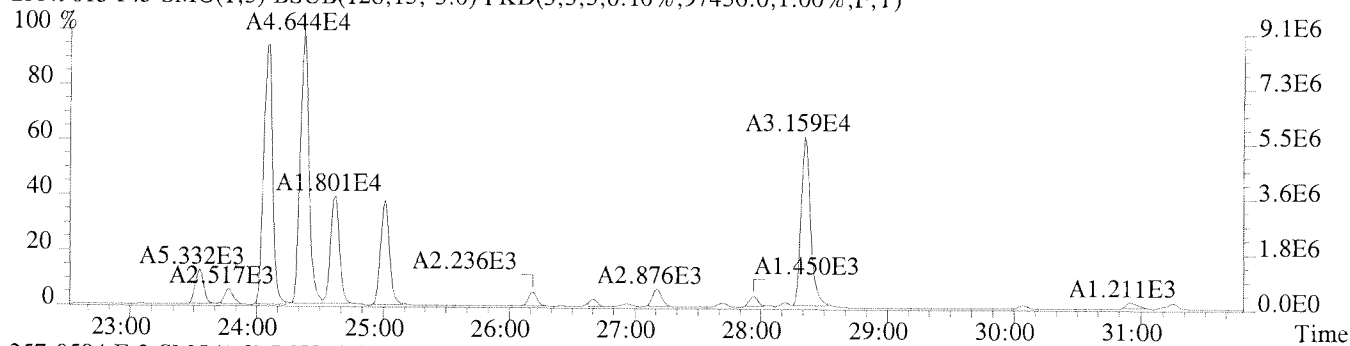




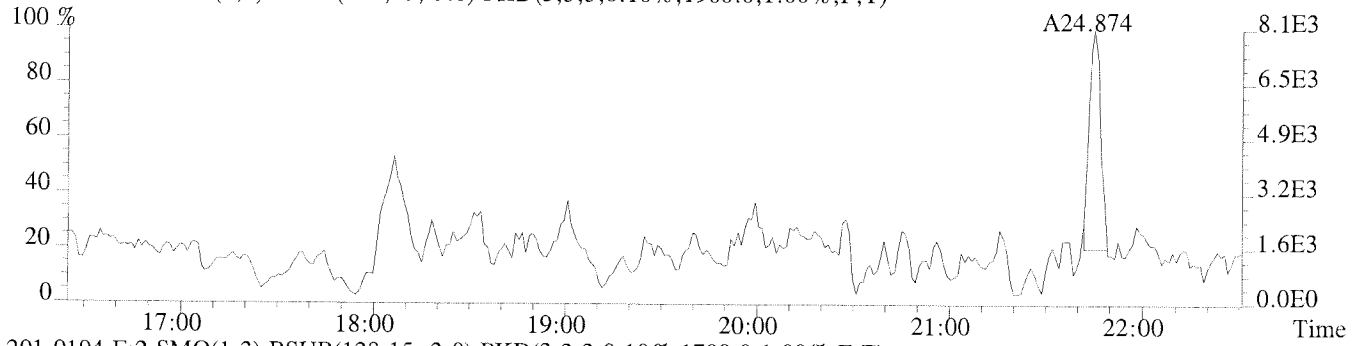
File:U224764 #1-337 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101



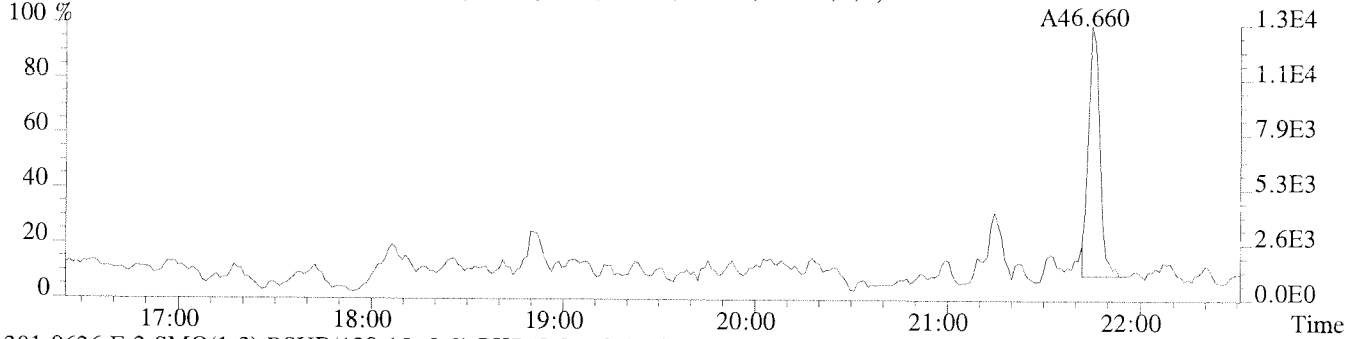
File:U224764 #1-594 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,97456.0,1.00%,F,T)



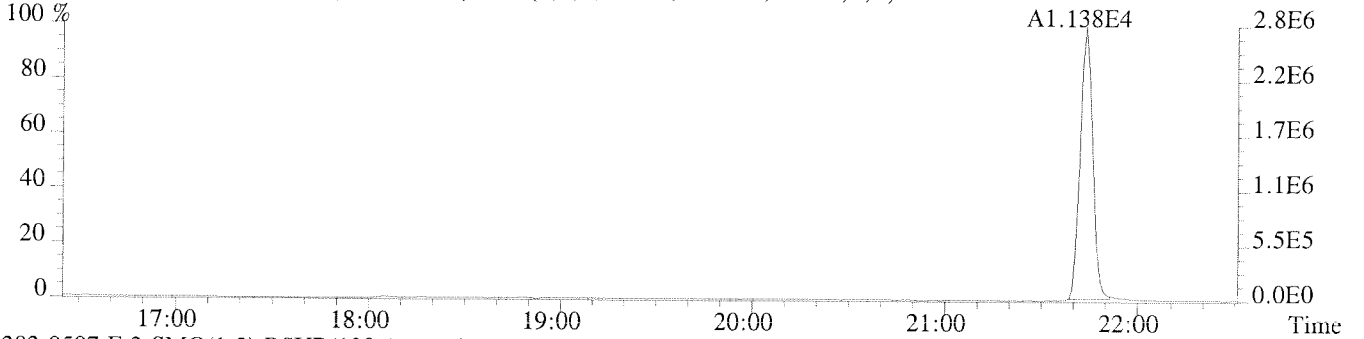
File:U224764 #1-337 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1900.0,1.00%,F,T)



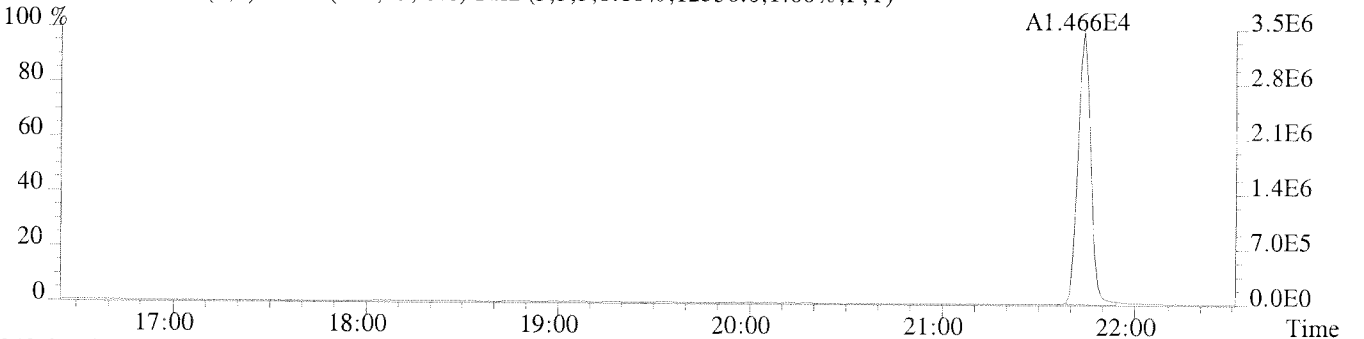
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1708.0,1.00%,F,T)



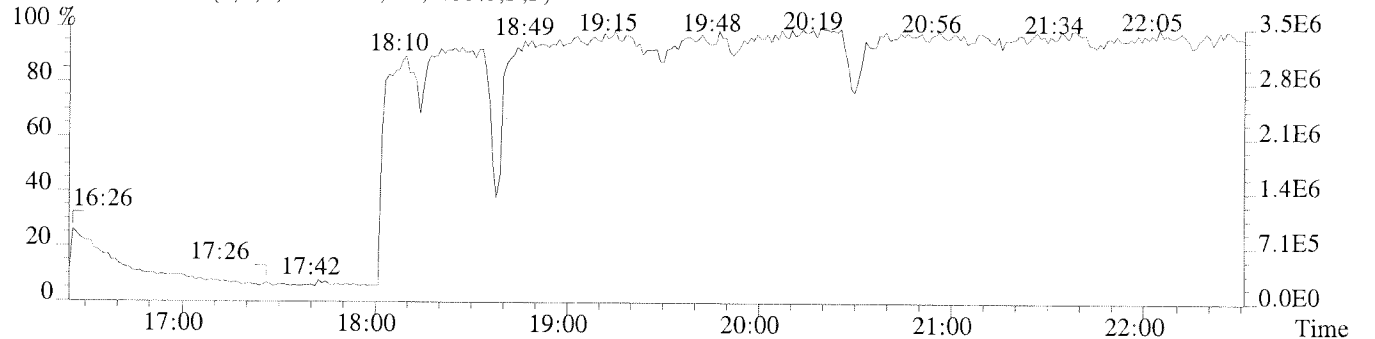
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14756.0,1.00%,F,T)



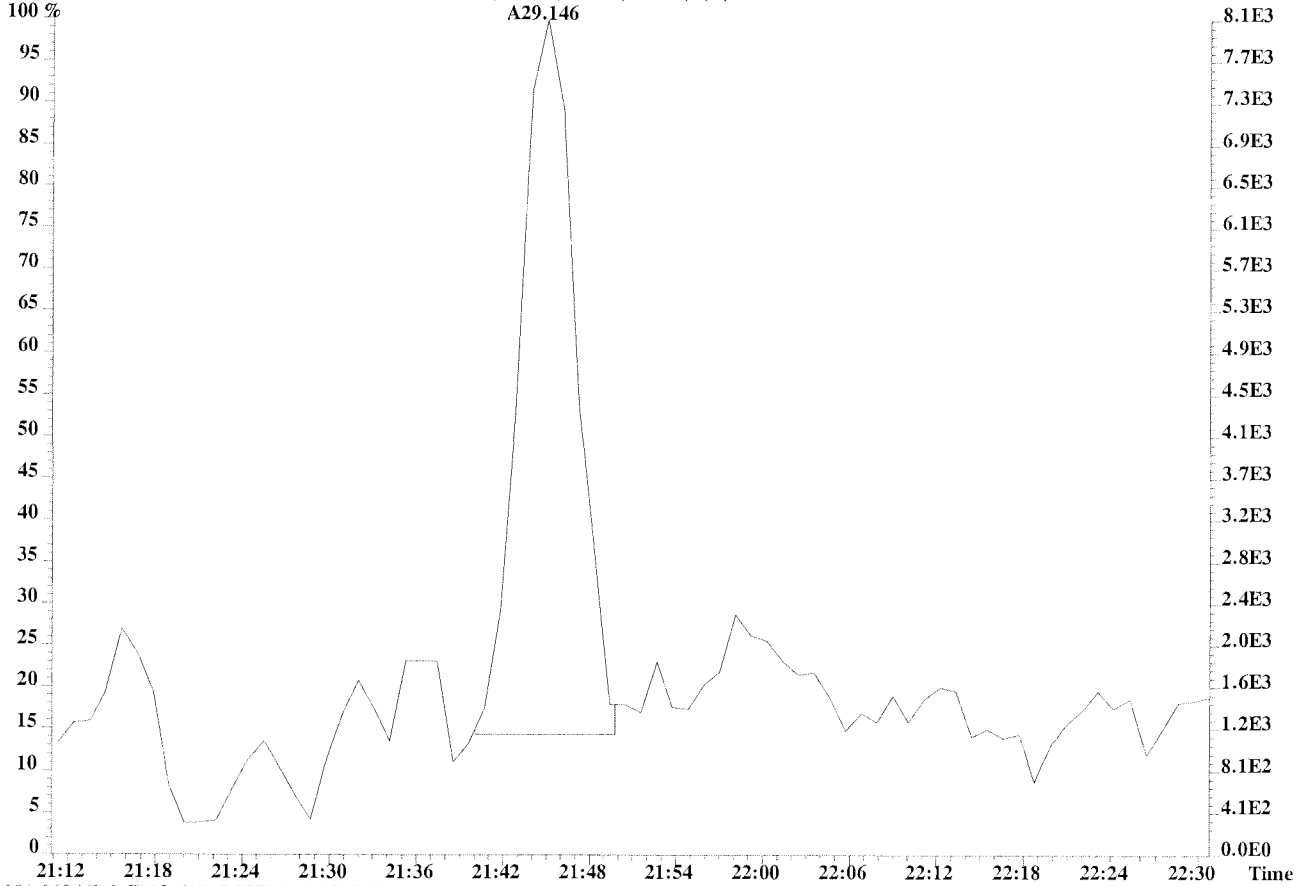
303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12556.0,1.00%,F,T)



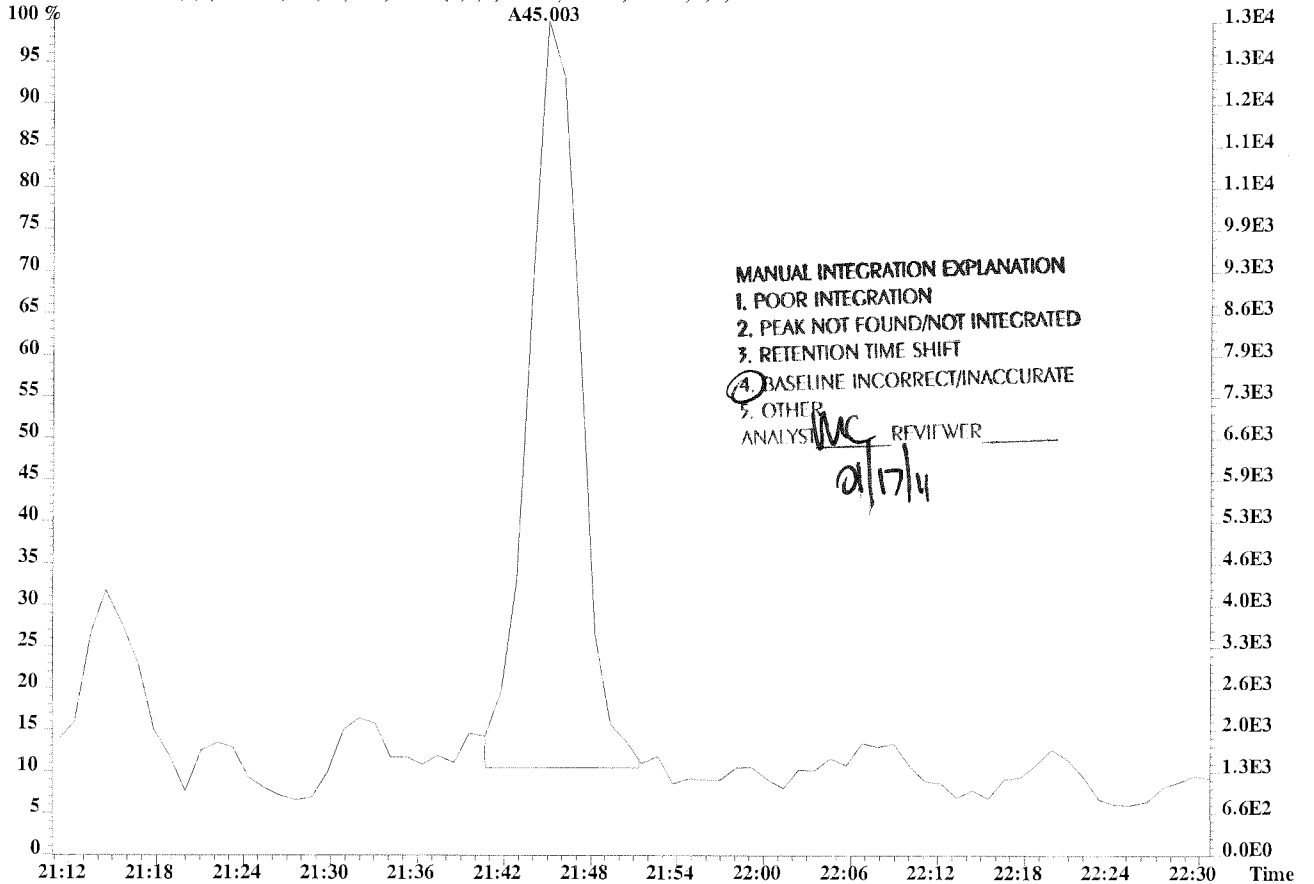
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



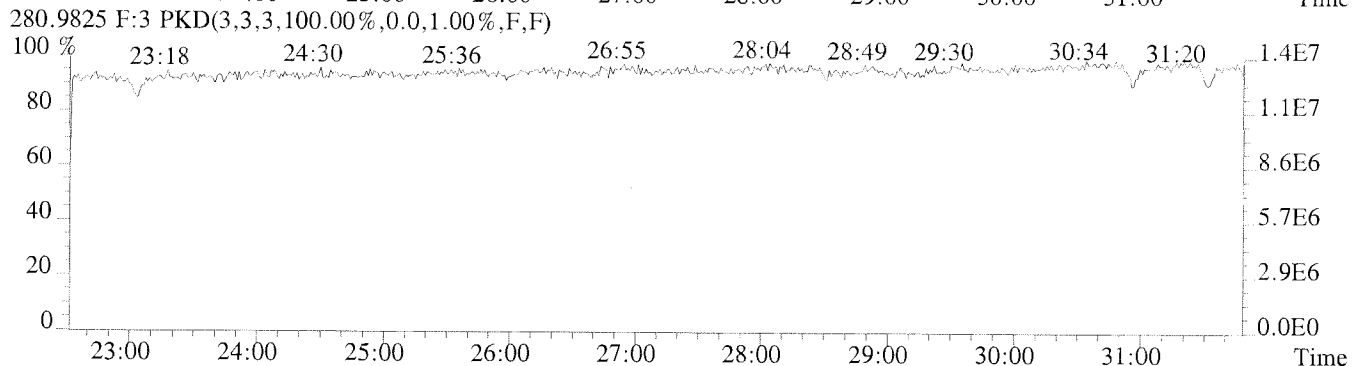
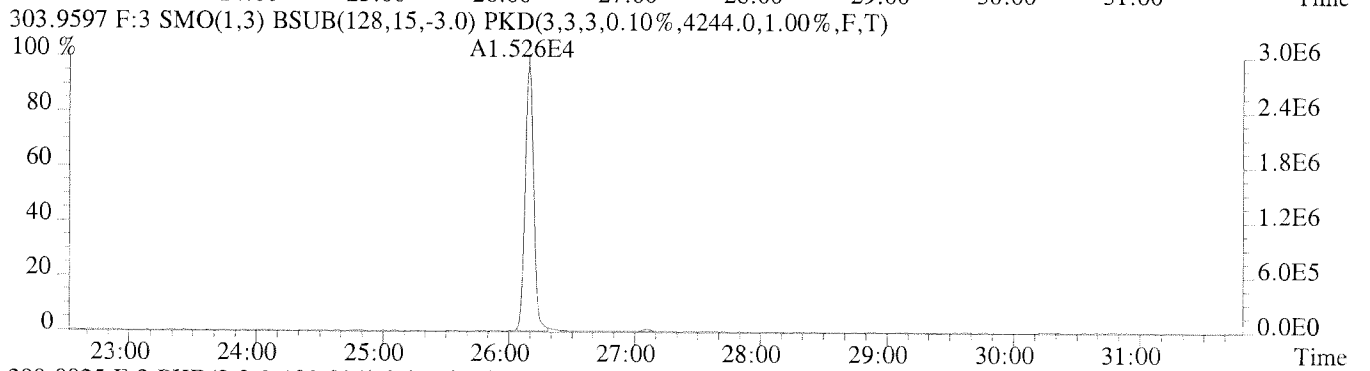
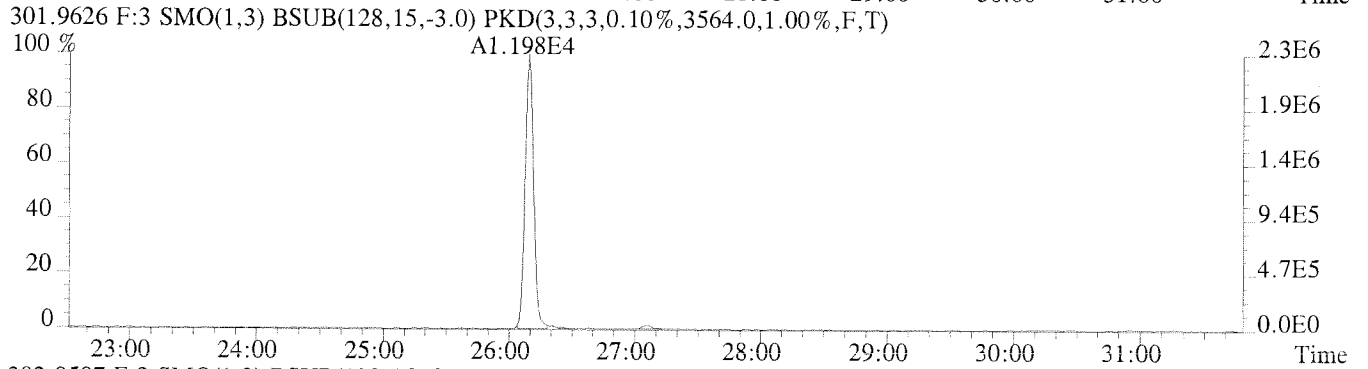
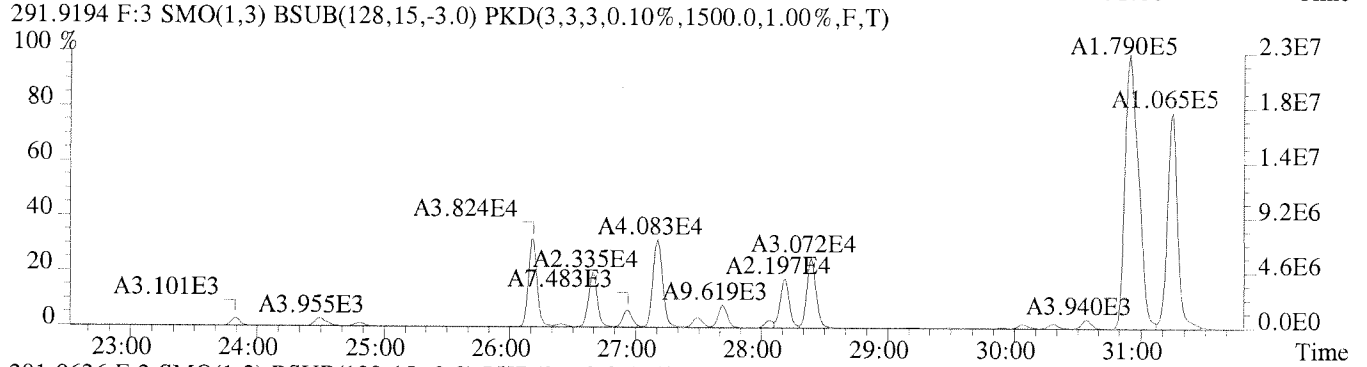
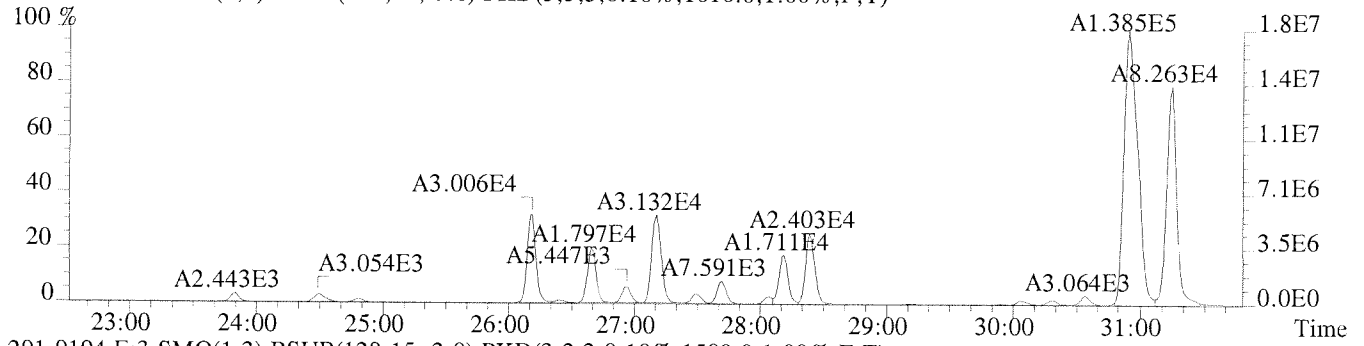
File:U224764 #1-337 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-012 USENE/W101
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1900.0,1.00%,F,T)



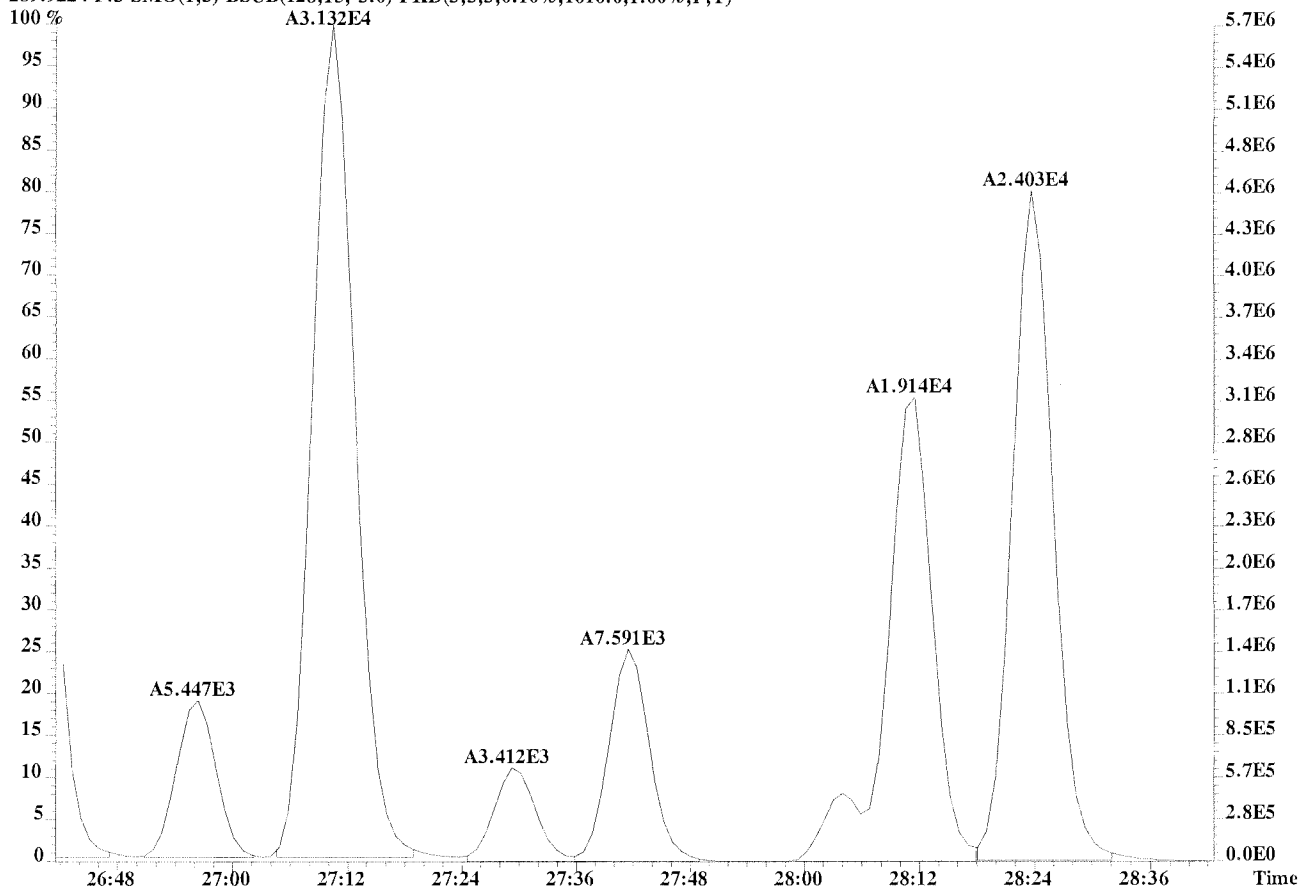
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1708.0,1.00%,F,T)



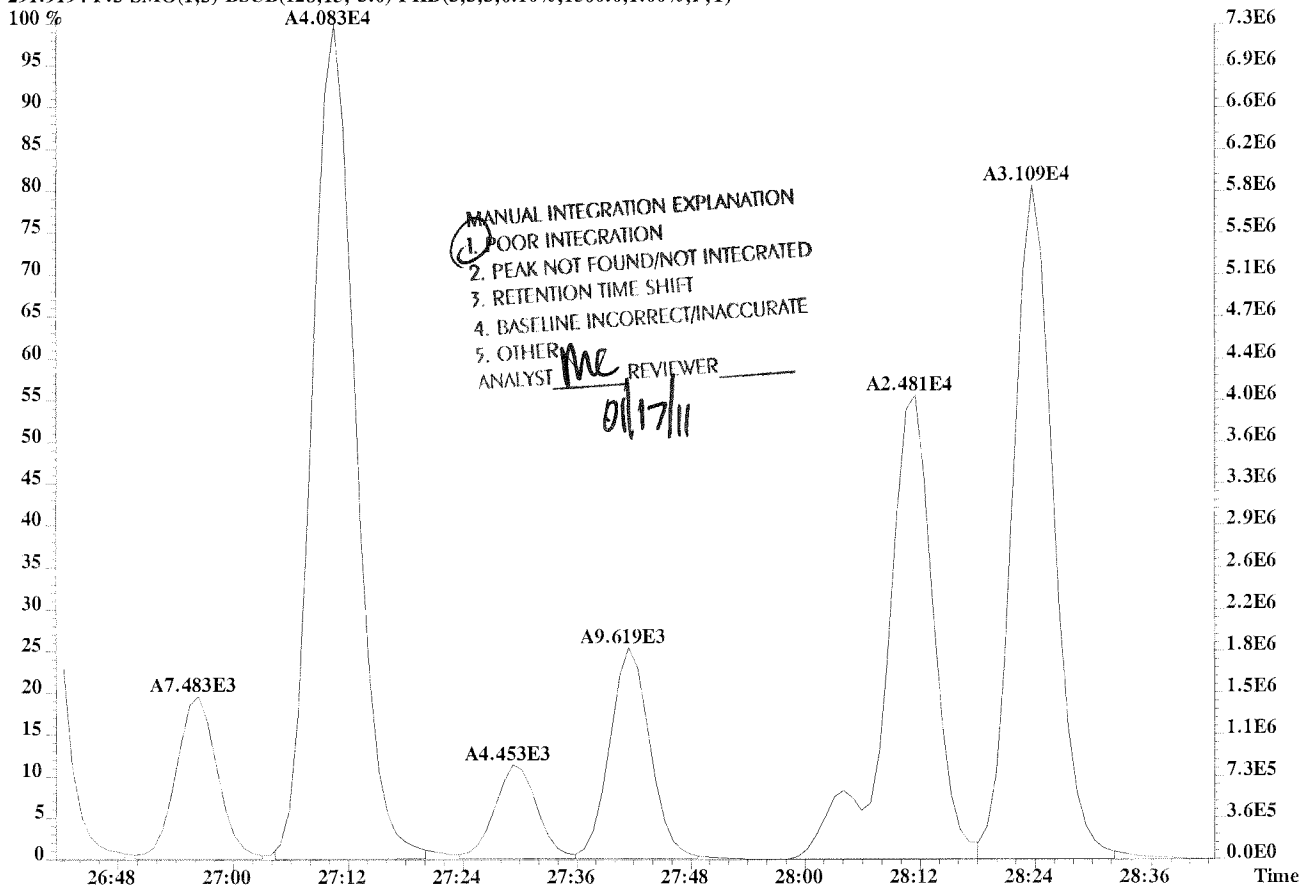
File:U224764 #1-594 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1616.0,1.00%,F,T)



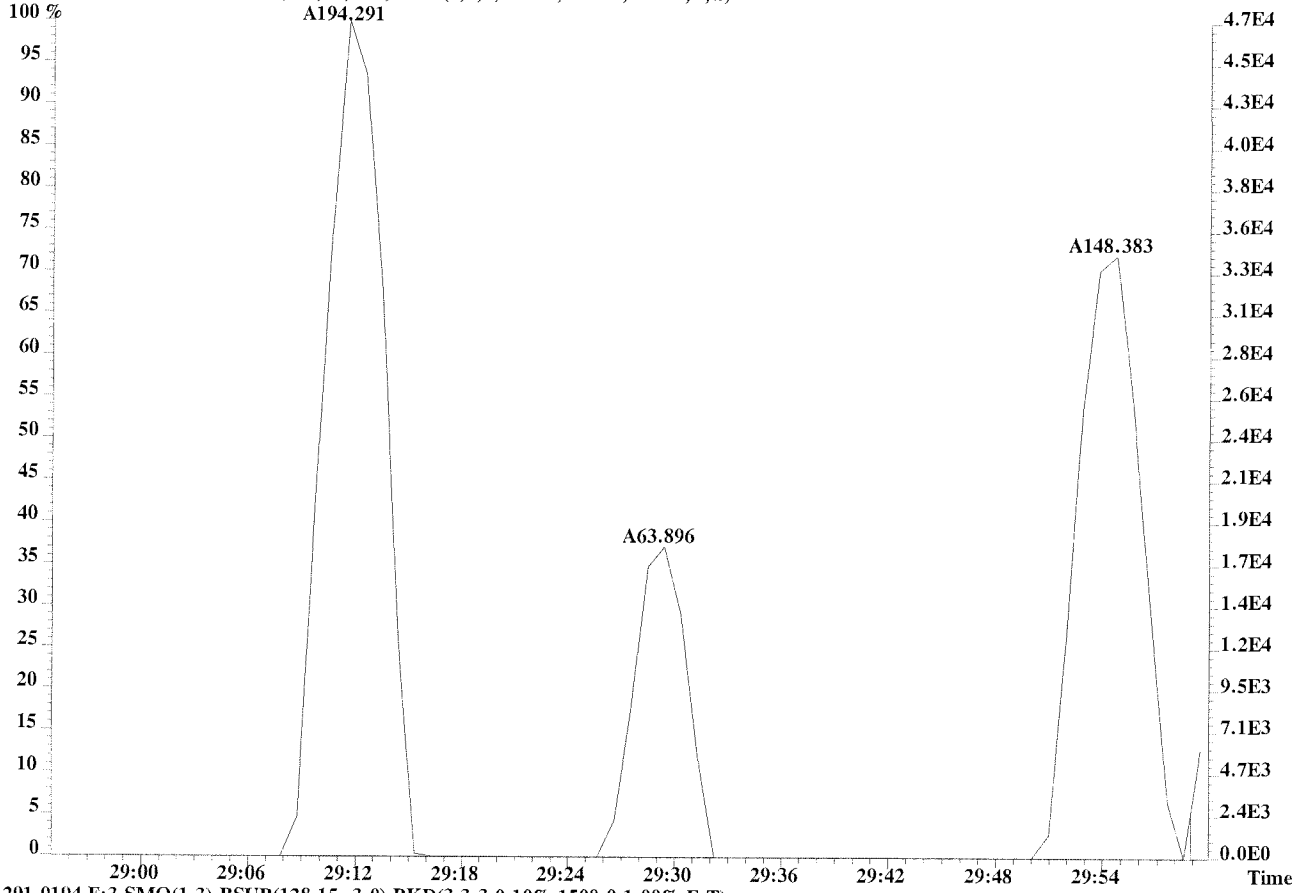
File:U224764 #1-594 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-012 USENE/W101
 289.9224 F:3 SMO(1,3) BSM(128,15,-3.0) PKD(3,3,3,0.10%,1616.0,1.00%,F,T)



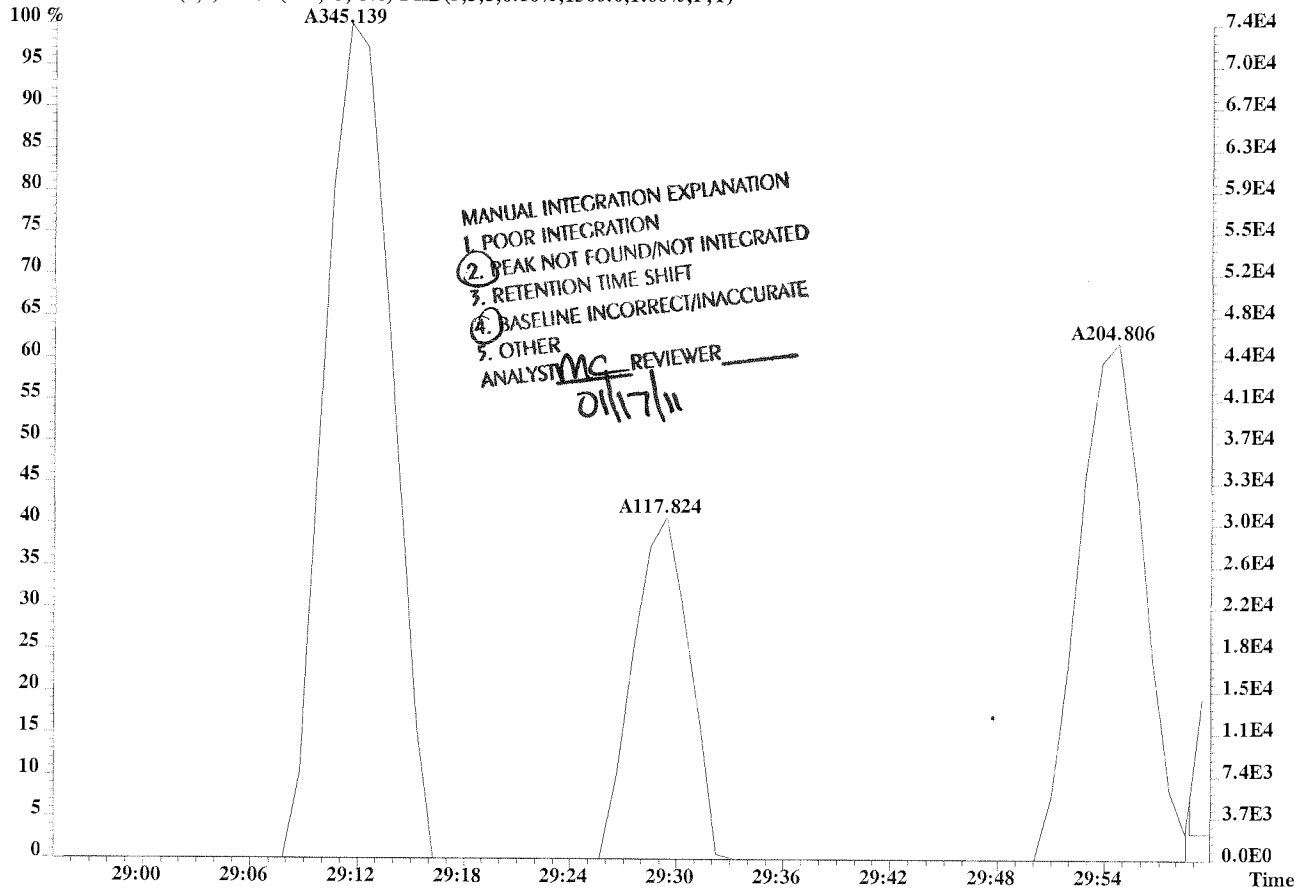
291.9194 F:3 SMO(1,3) BSM(128,15,-3.0) PKD(3,3,3,0.10%,1500.0,1.00%,F,T)

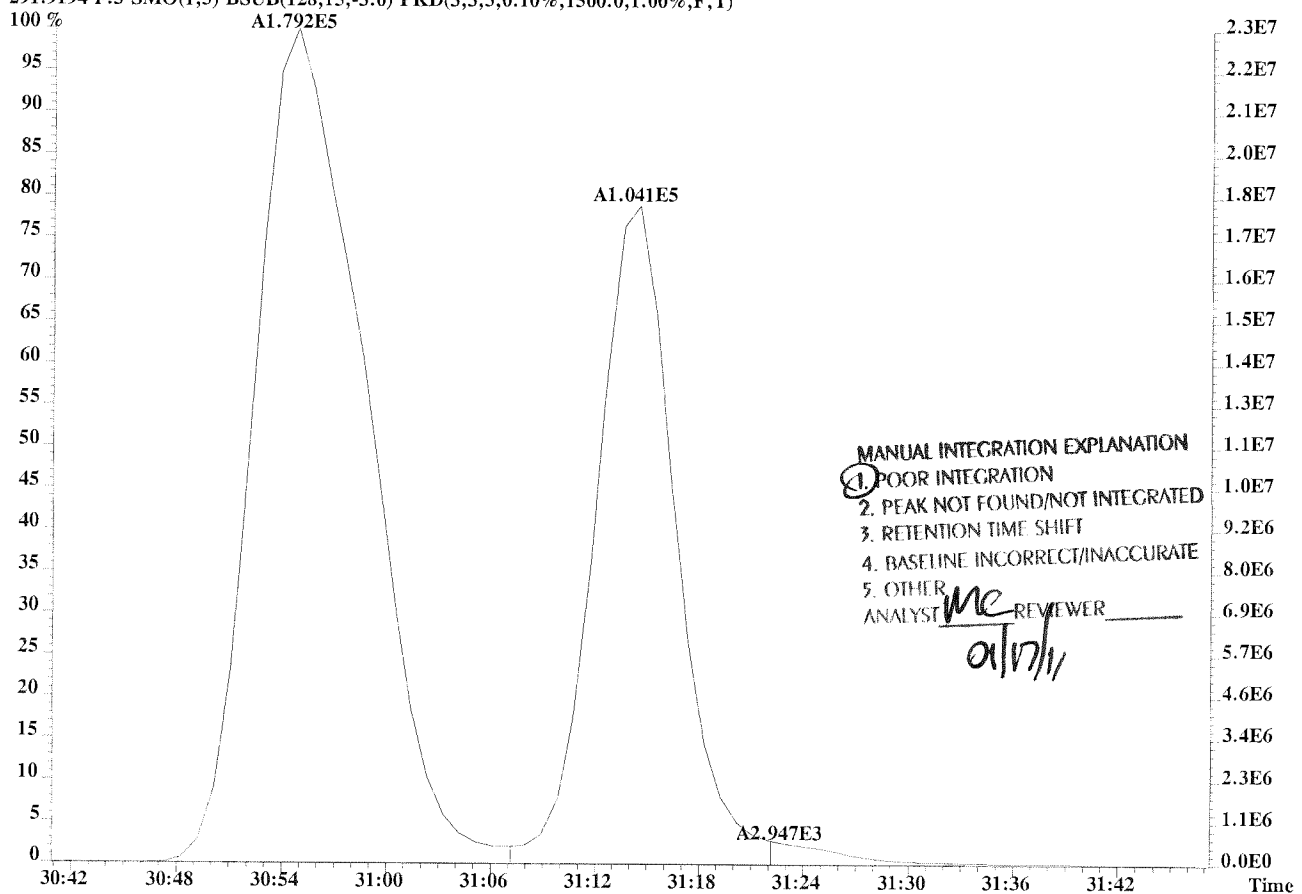
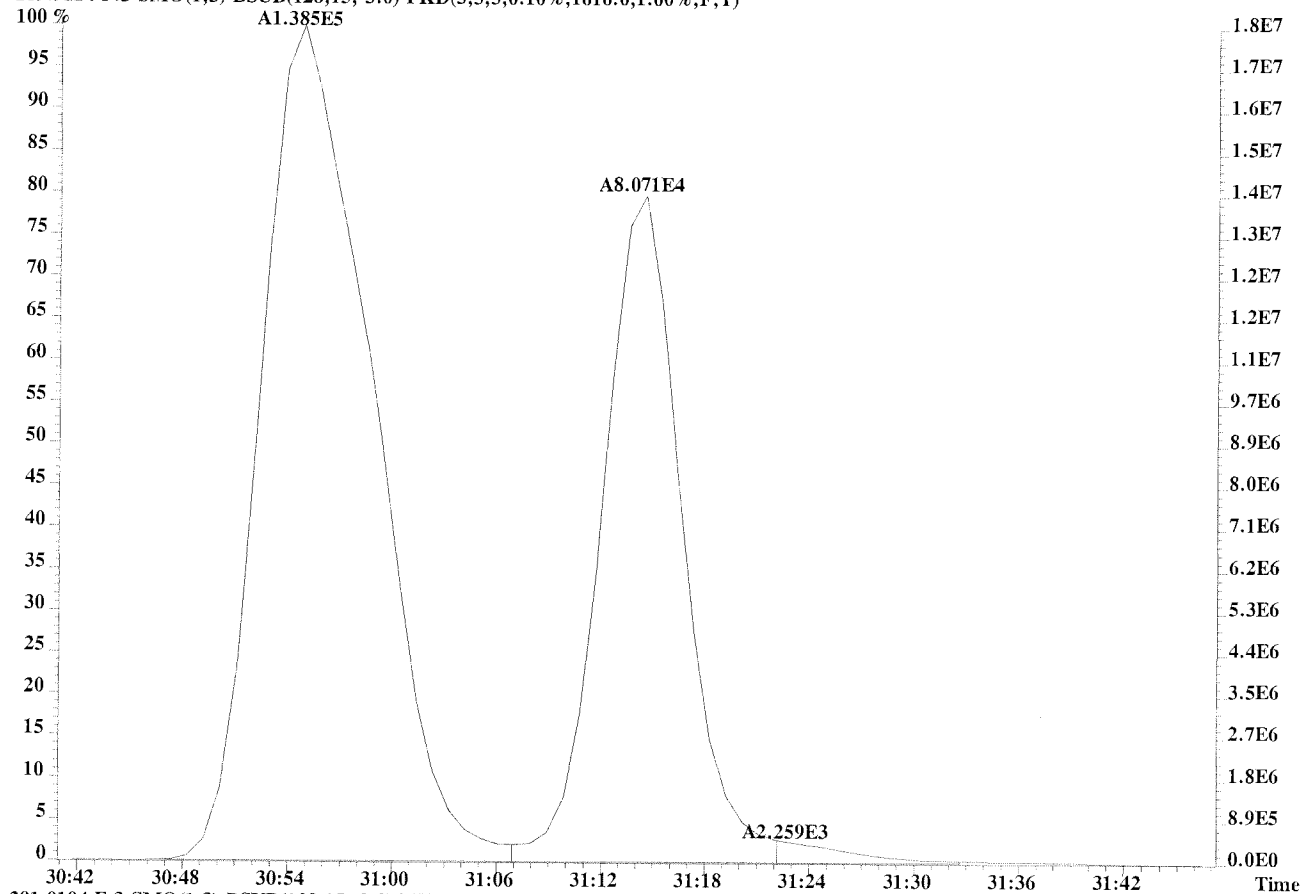


File:U224764 #1-594 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-012 USENE/W101
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1616.0,1.00%,F,T)



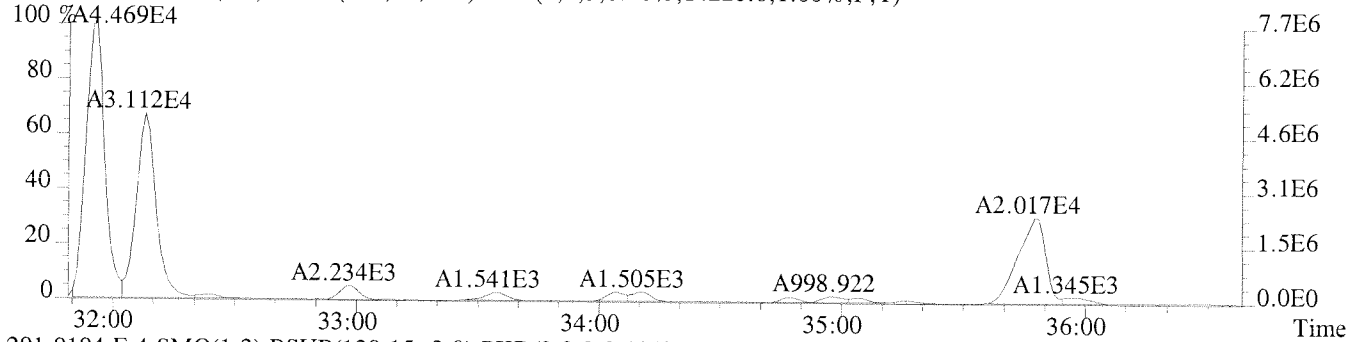
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1500.0,1.00%,F,T)



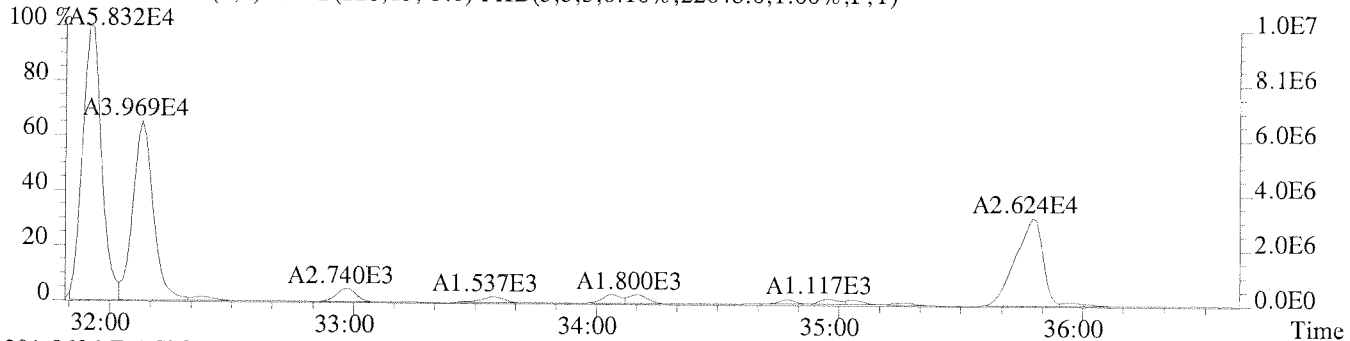


MANUAL INTEGRATION EXPLANATION
① POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST me REVIEWER atn/

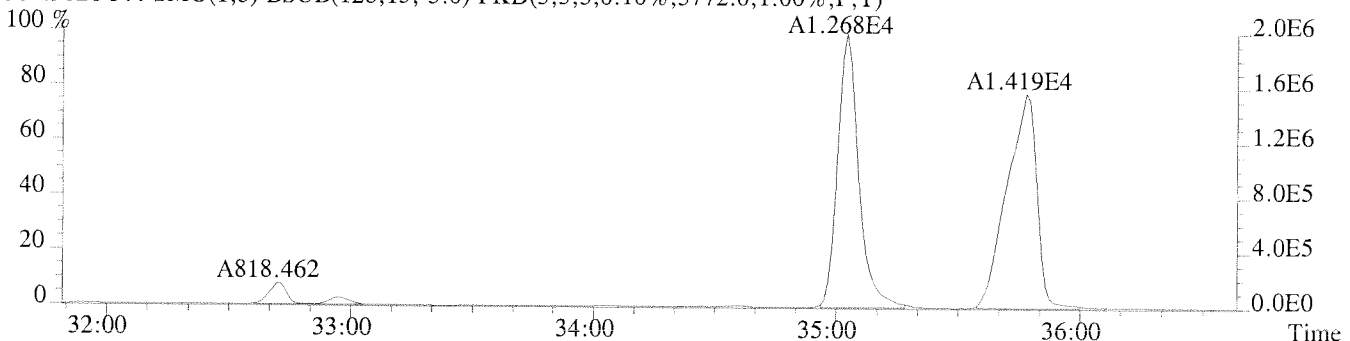
File:U224764 #1-309 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14220.0,1.00%,F,T)
100 %A4.469E4



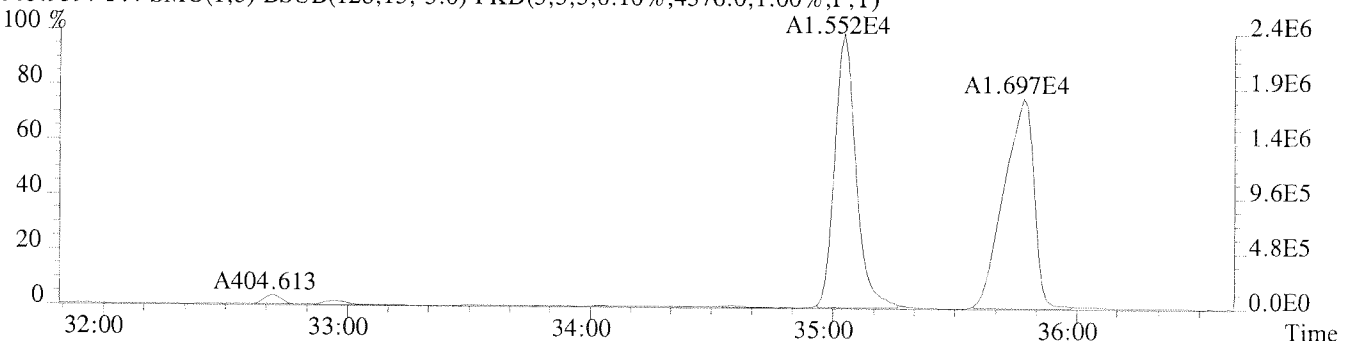
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,22648.0,1.00%,F,T)
100 %A5.832E4



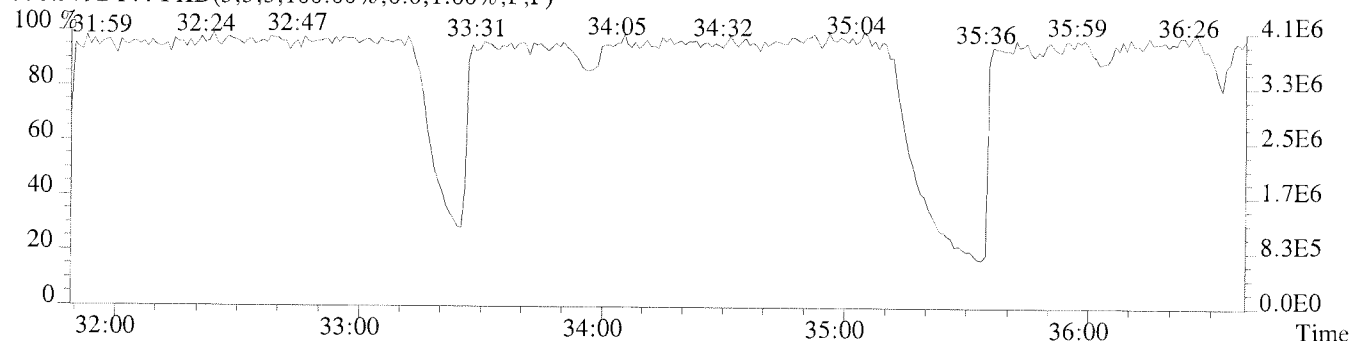
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5772.0,1.00%,F,T)
100 %



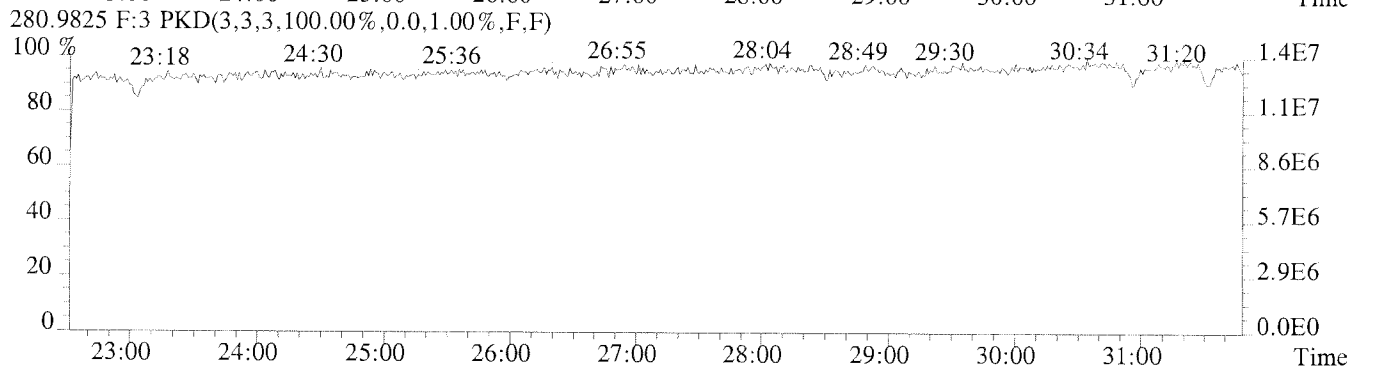
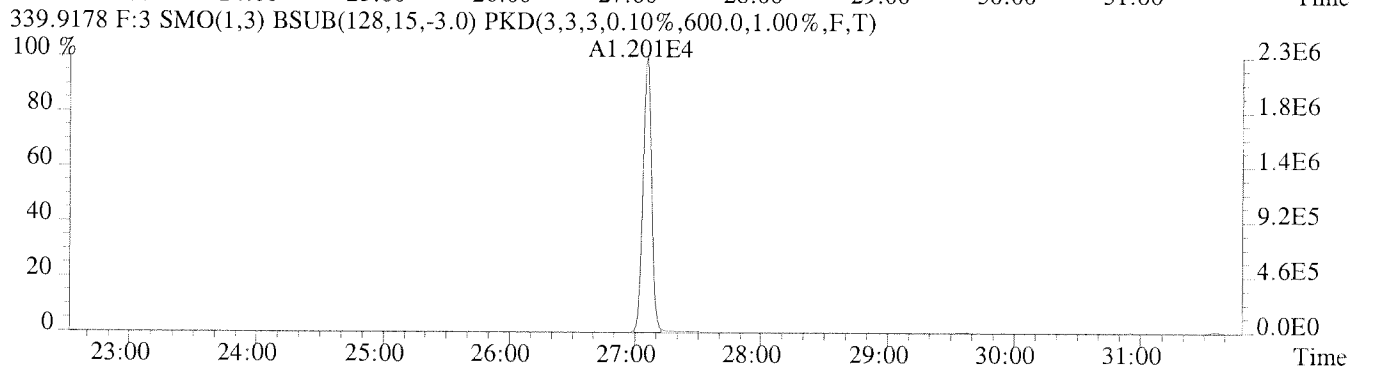
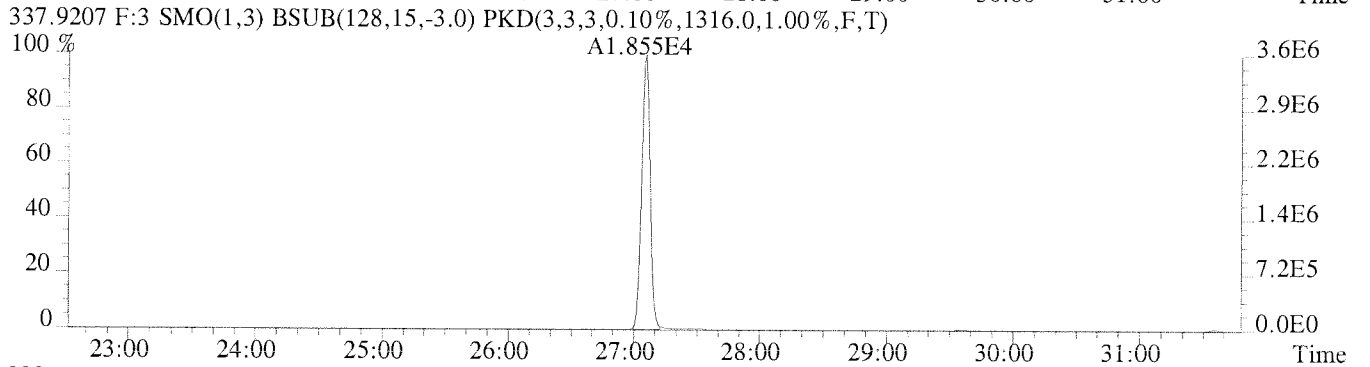
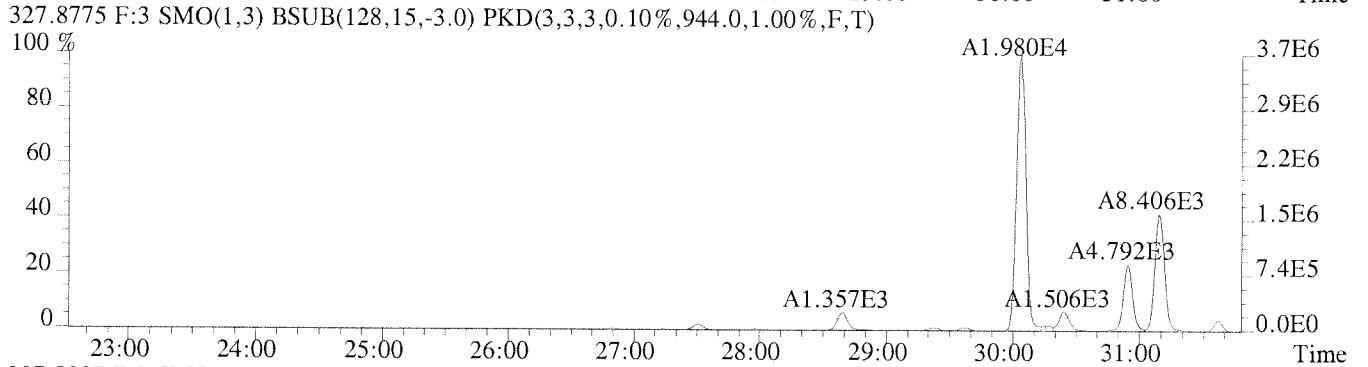
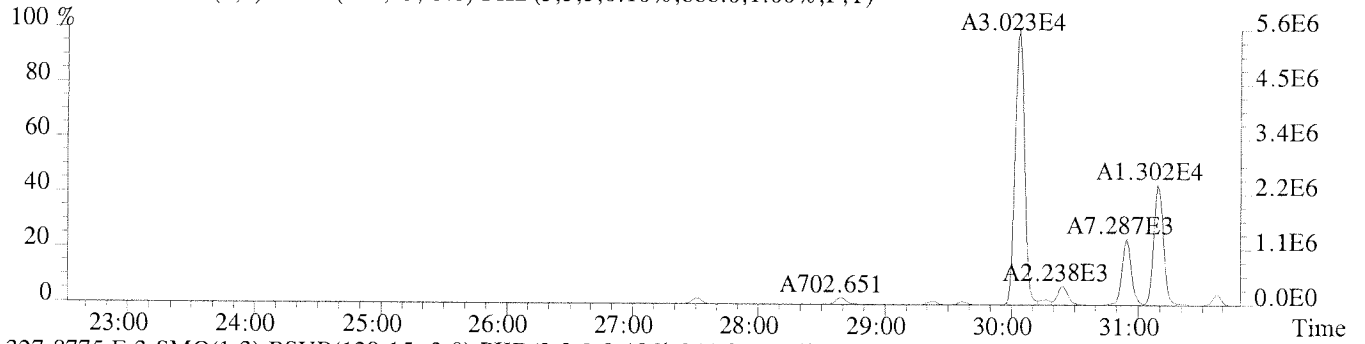
303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4376.0,1.00%,F,T)
100 %



330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

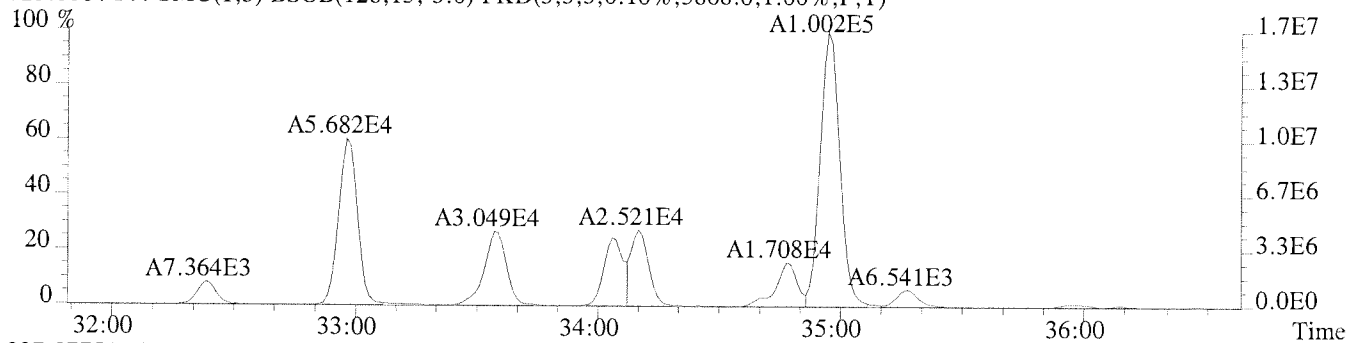


File:U224764 #1-594 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,888.0,1.00%,F,T)

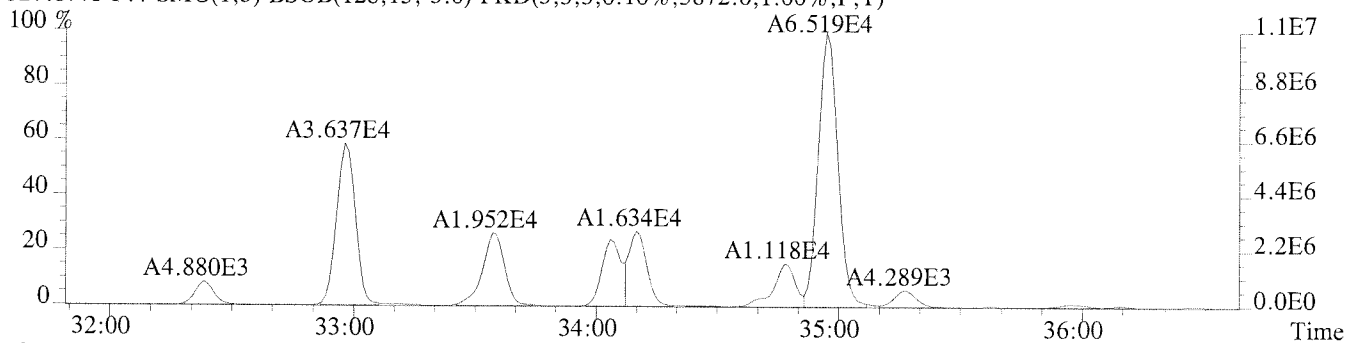


File:U224764 #1-309 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101

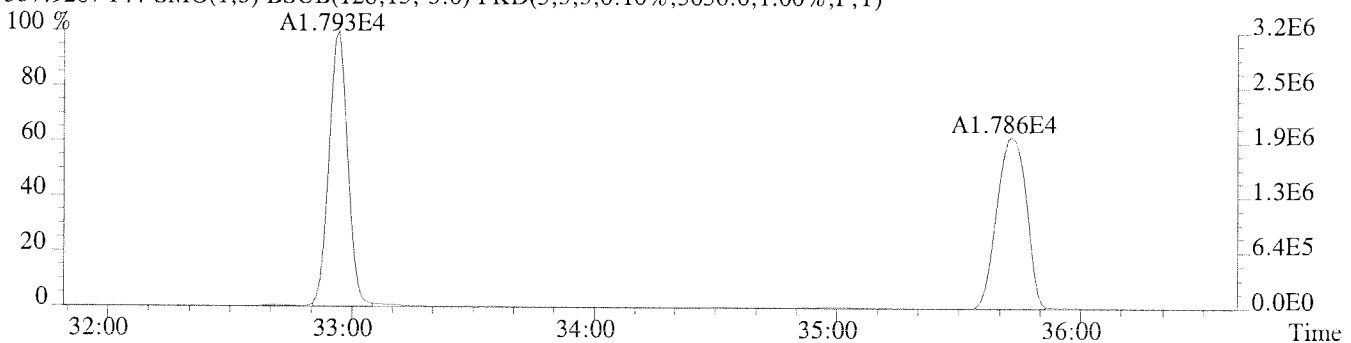
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3868.0,1.00%,F,T)



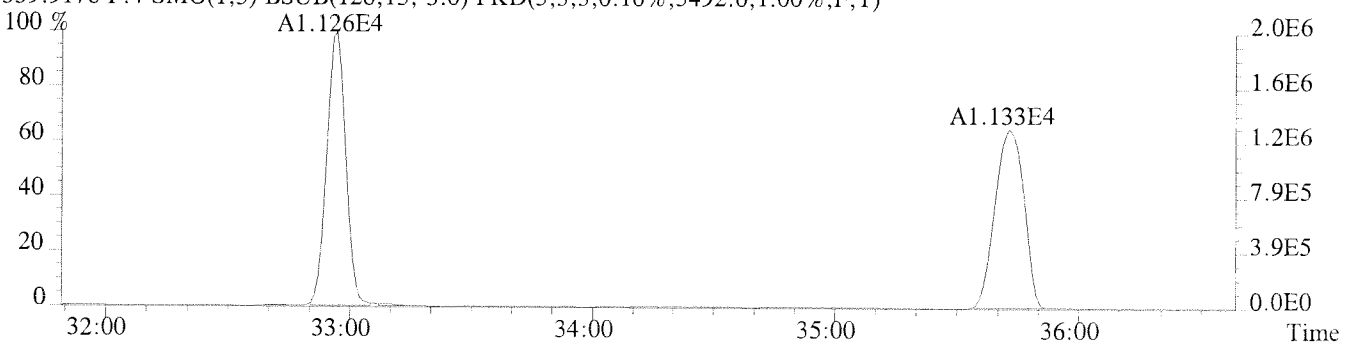
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5872.0,1.00%,F,T)



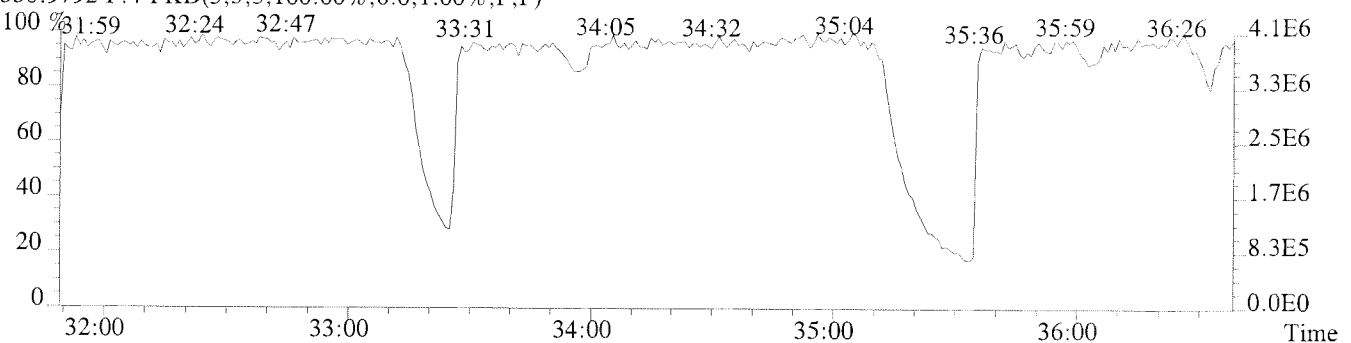
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3056.0,1.00%,F,T)



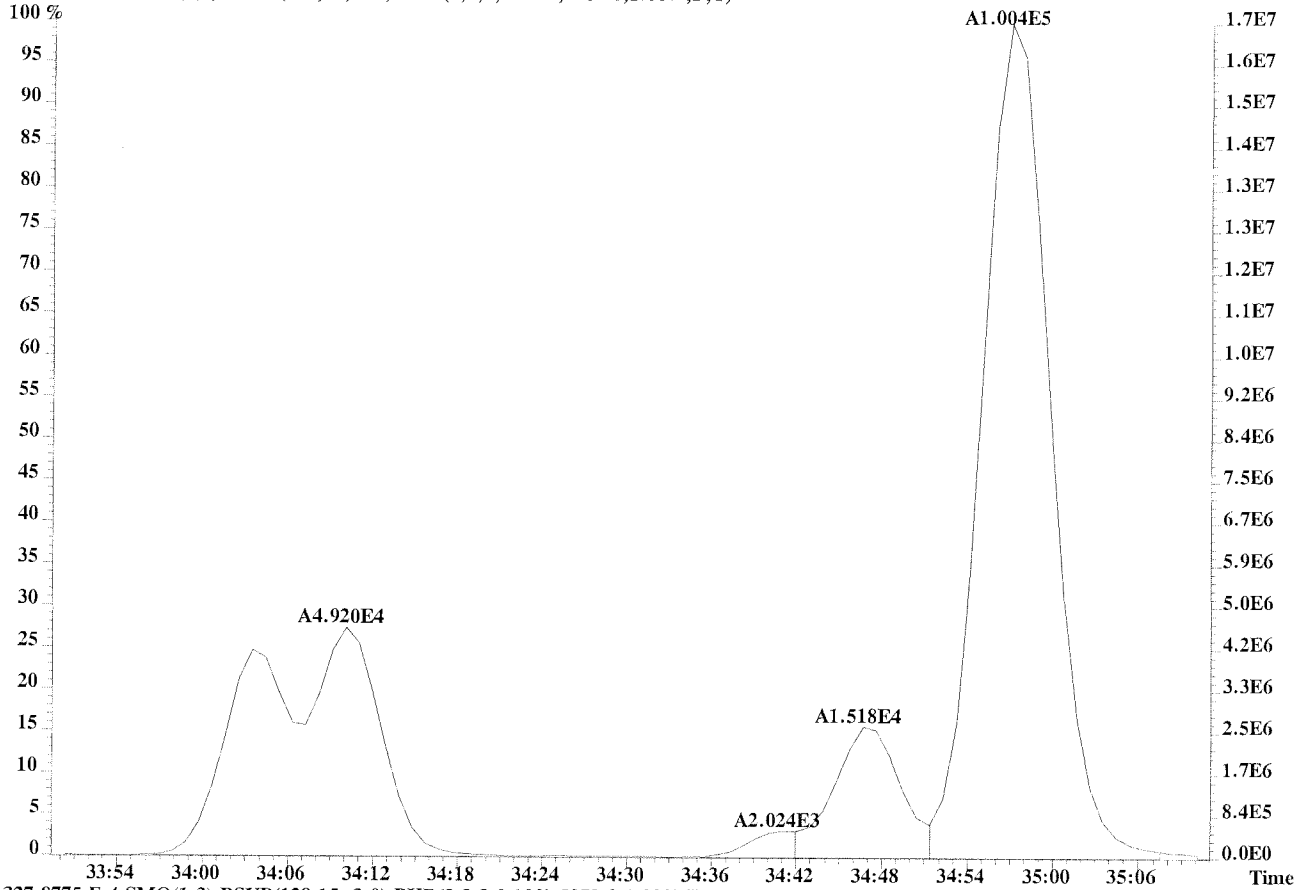
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3492.0,1.00%,F,T)



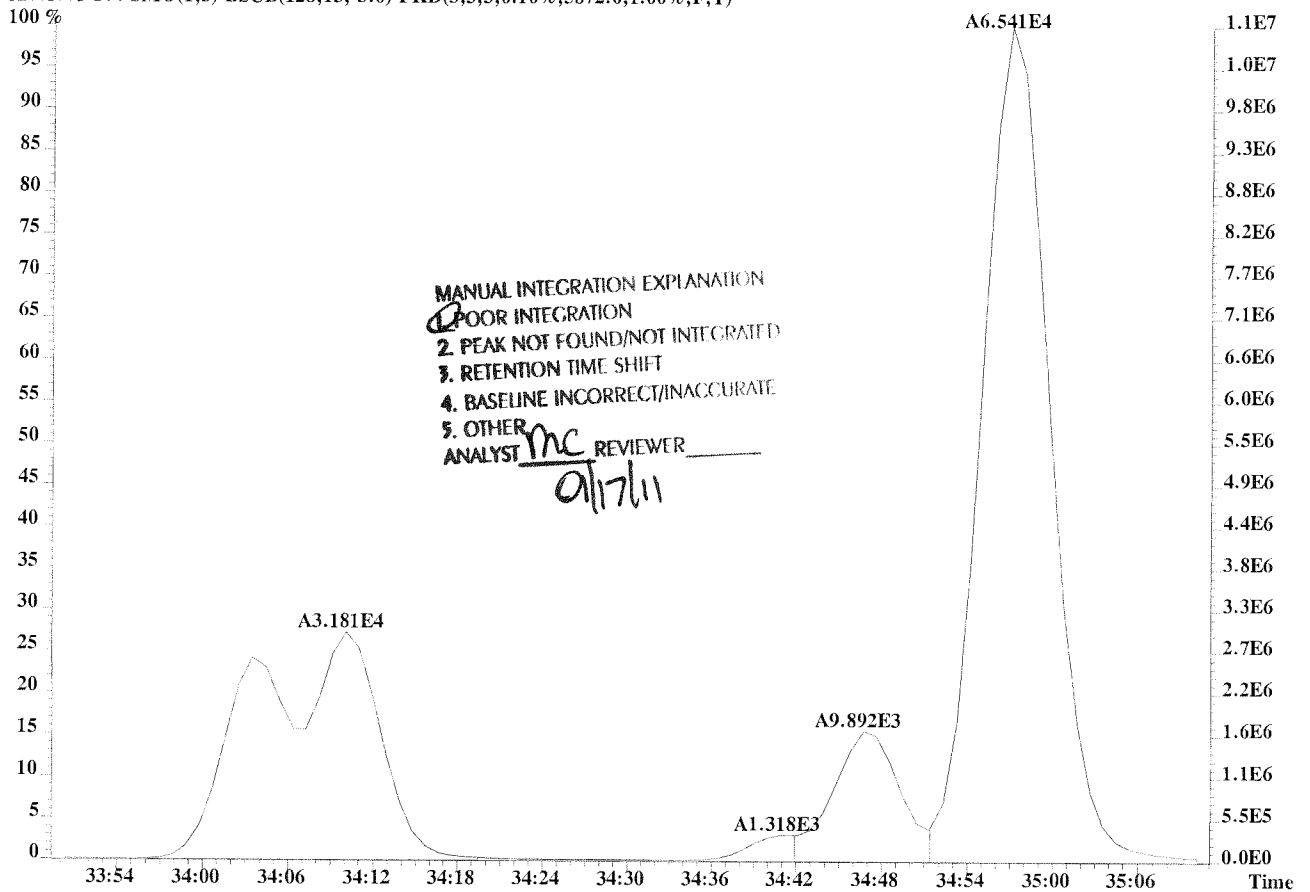
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U224764 #1-309 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-012 USENE/W101
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3868.0,1.00%,F,T)

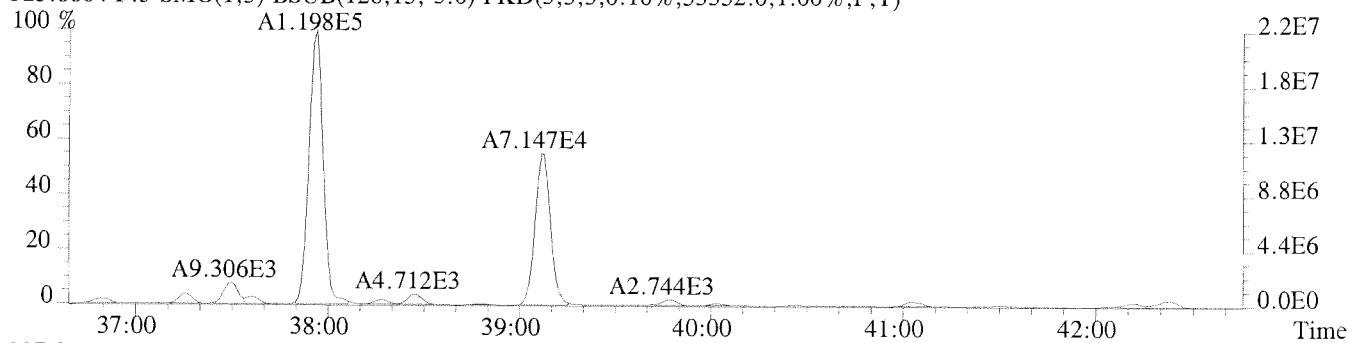


327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5872.0,1.00%,F,T)

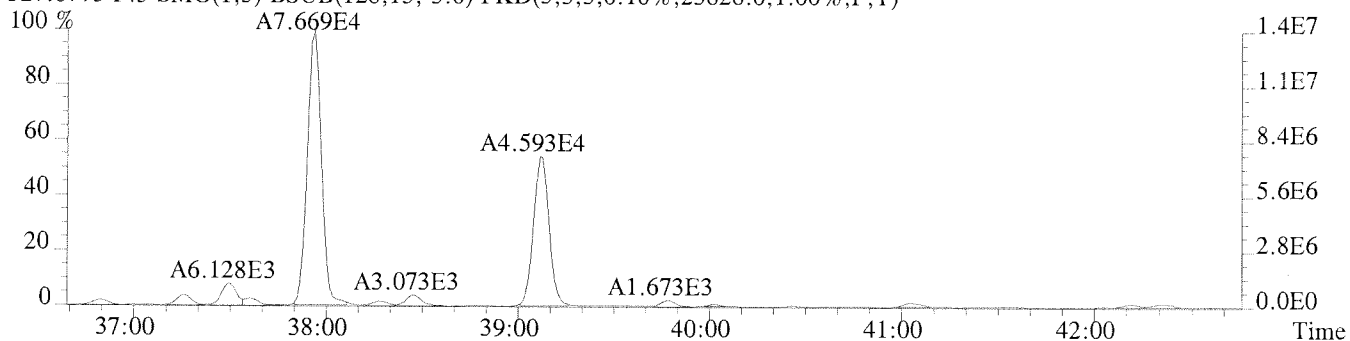


File:U224764 #1-391 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101

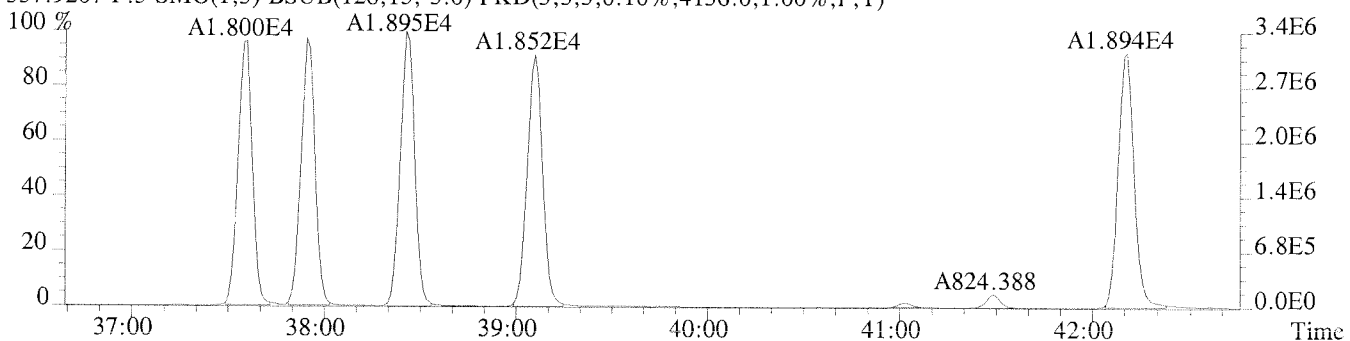
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,53352.0,1.00%,F,T)



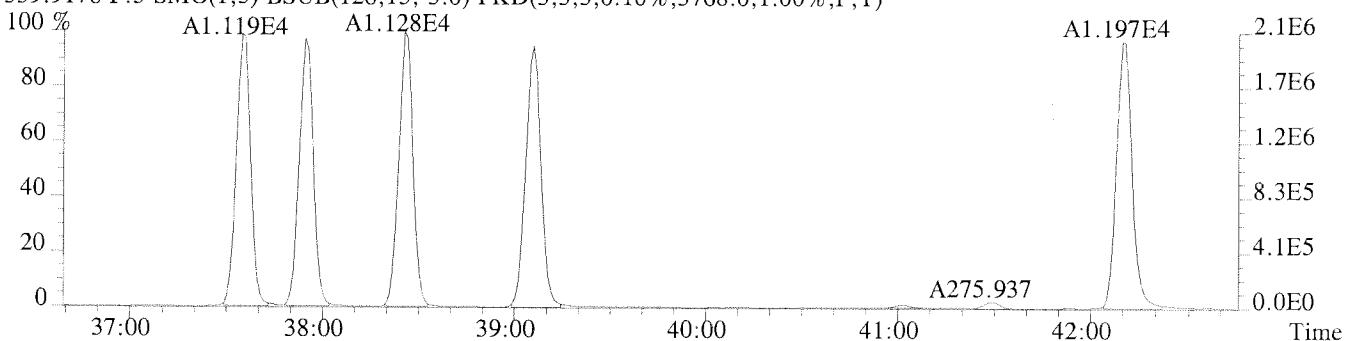
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,23828.0,1.00%,F,T)



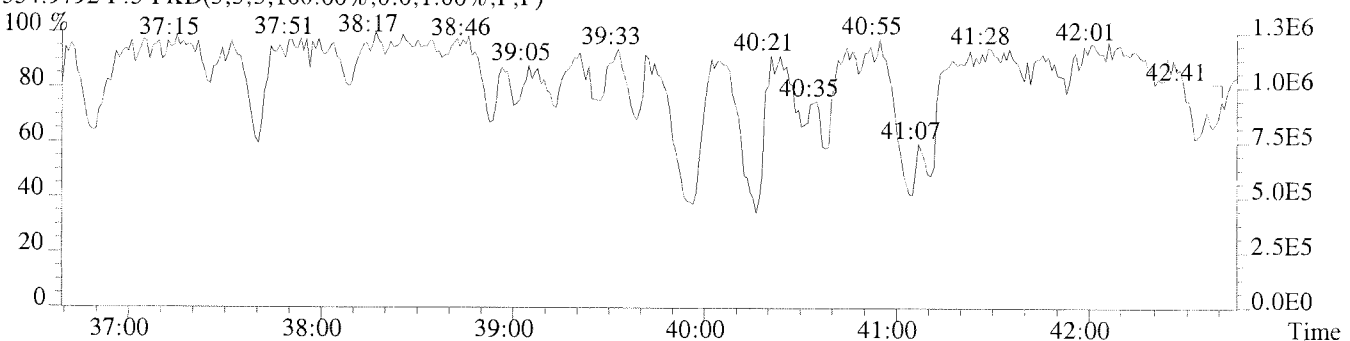
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4136.0,1.00%,F,T)



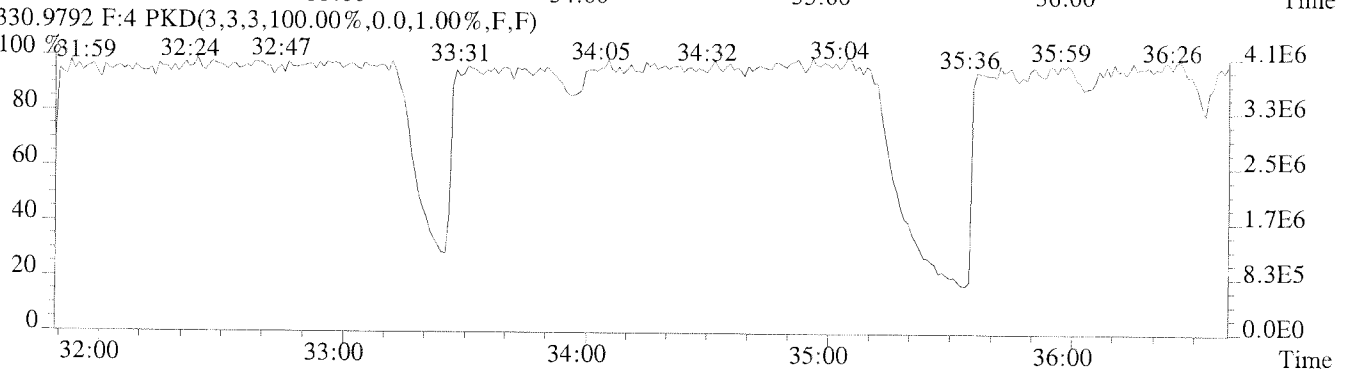
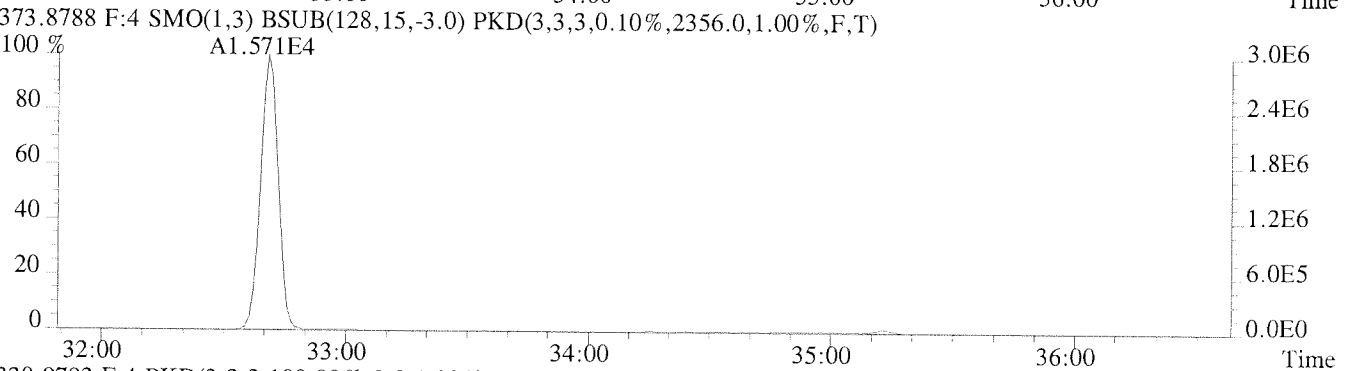
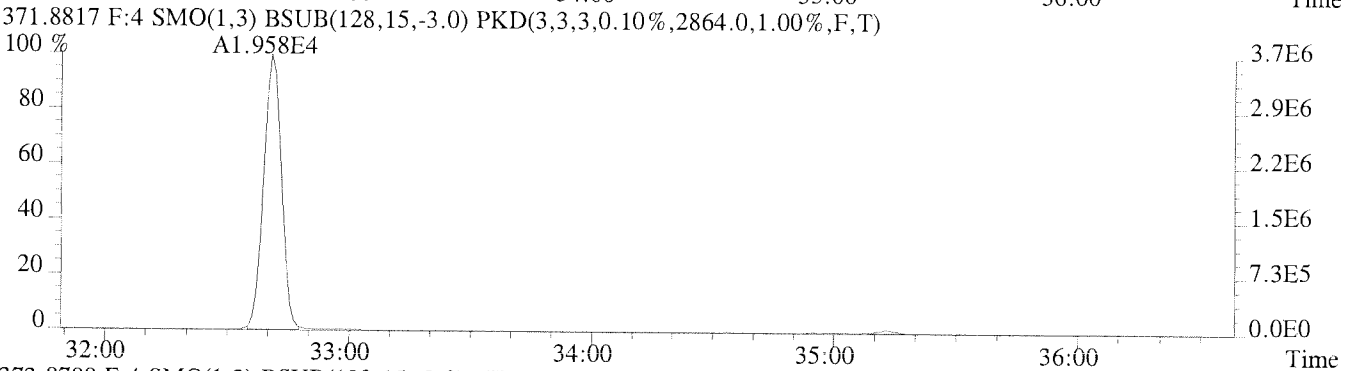
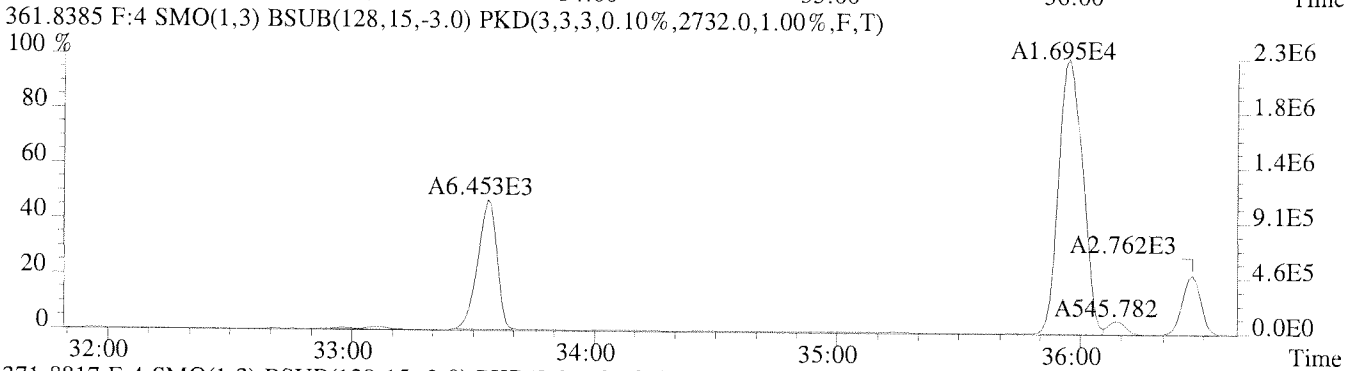
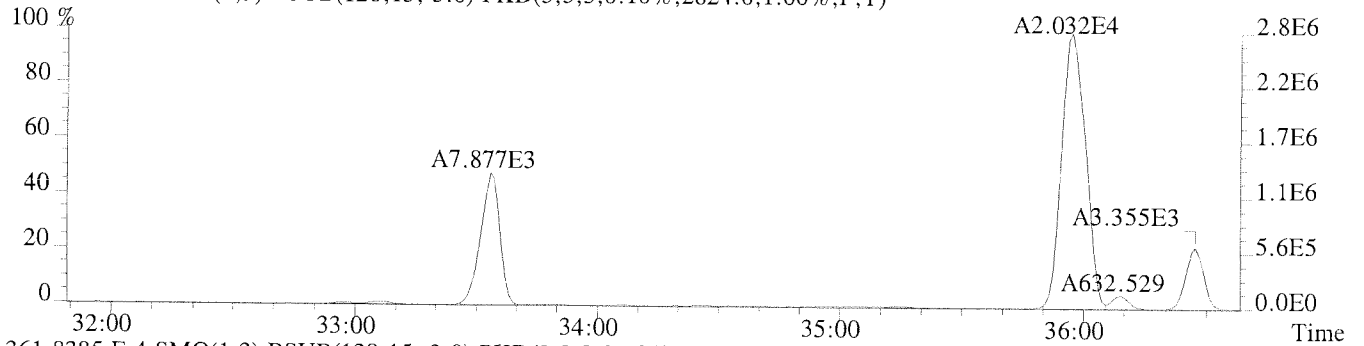
339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3768.0,1.00%,F,T)



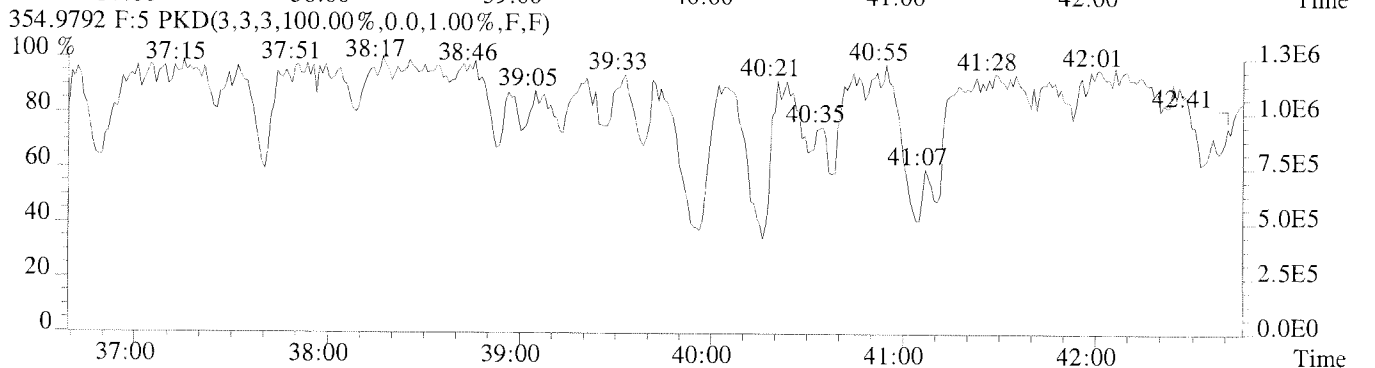
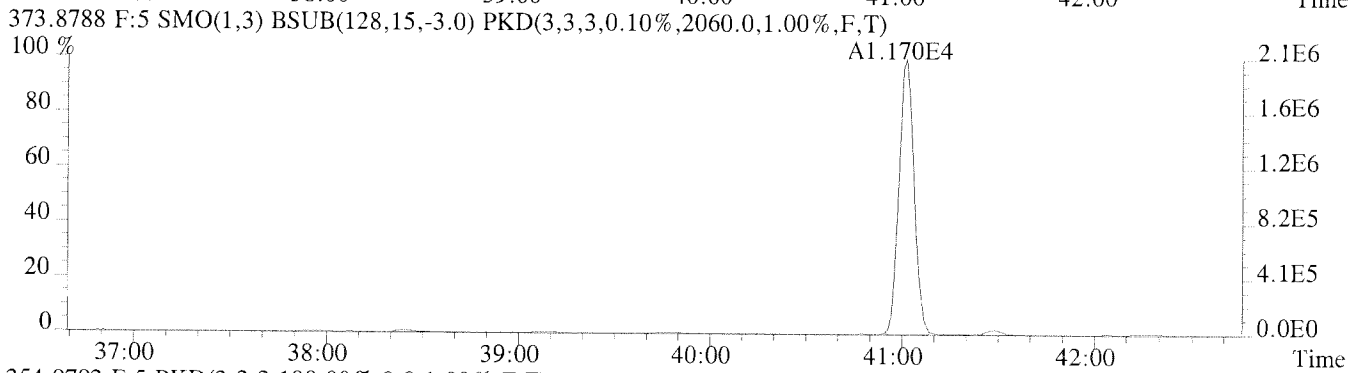
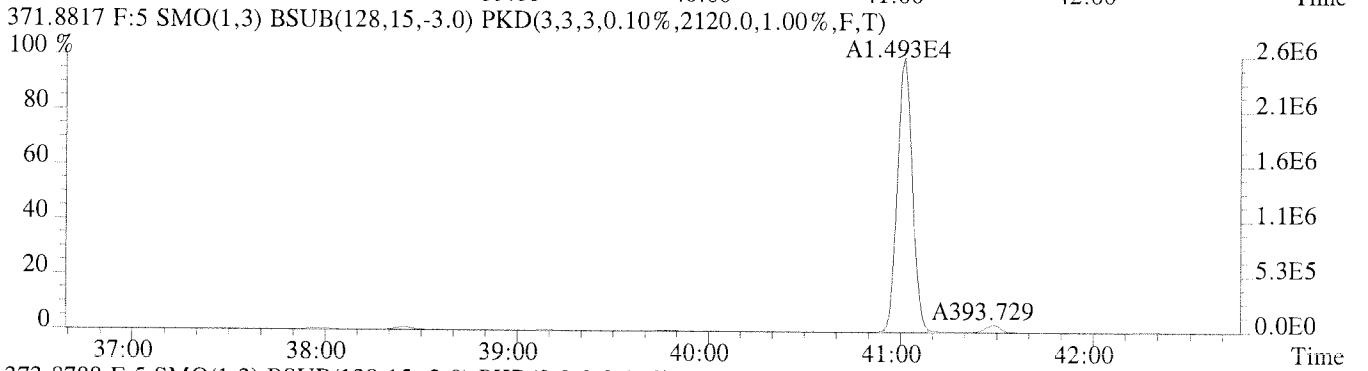
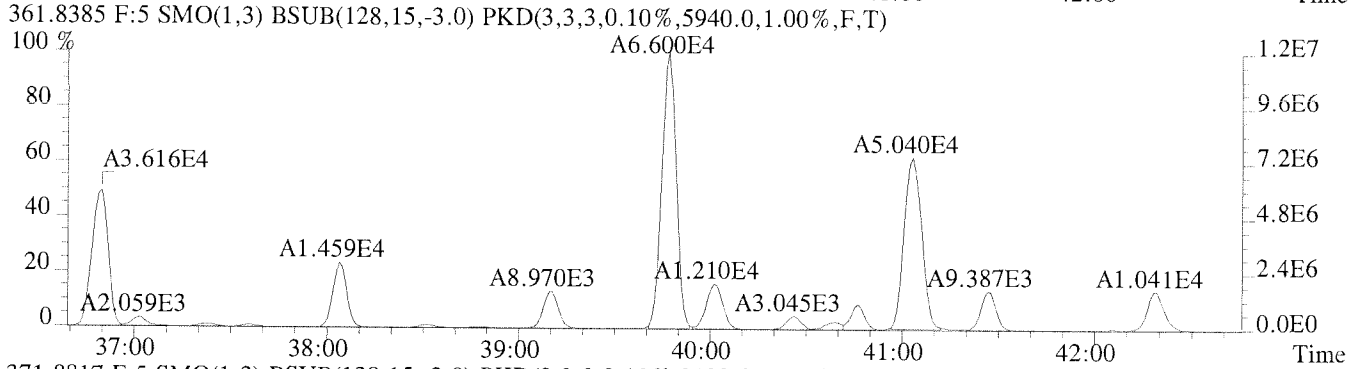
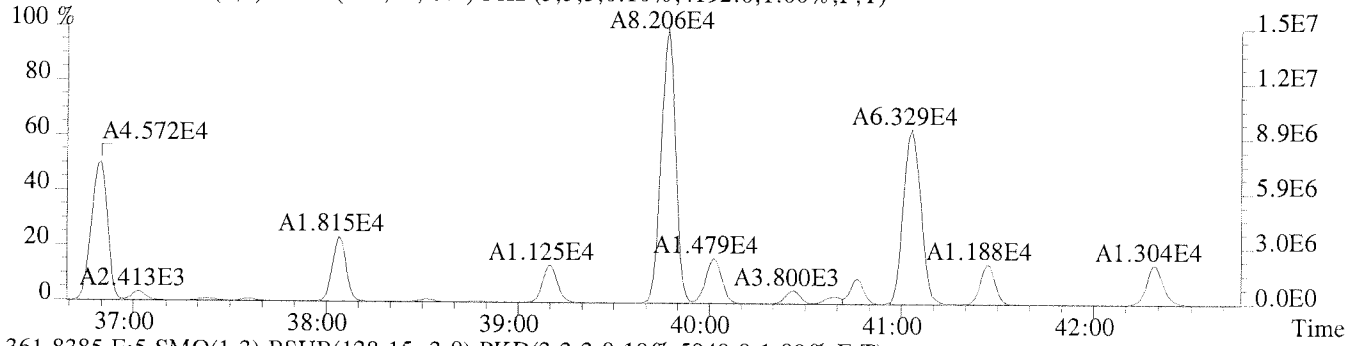
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



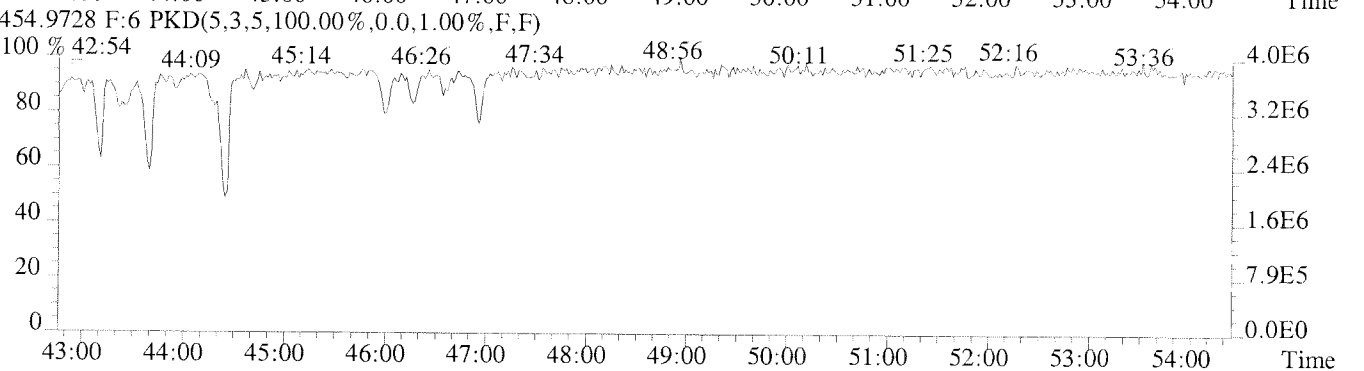
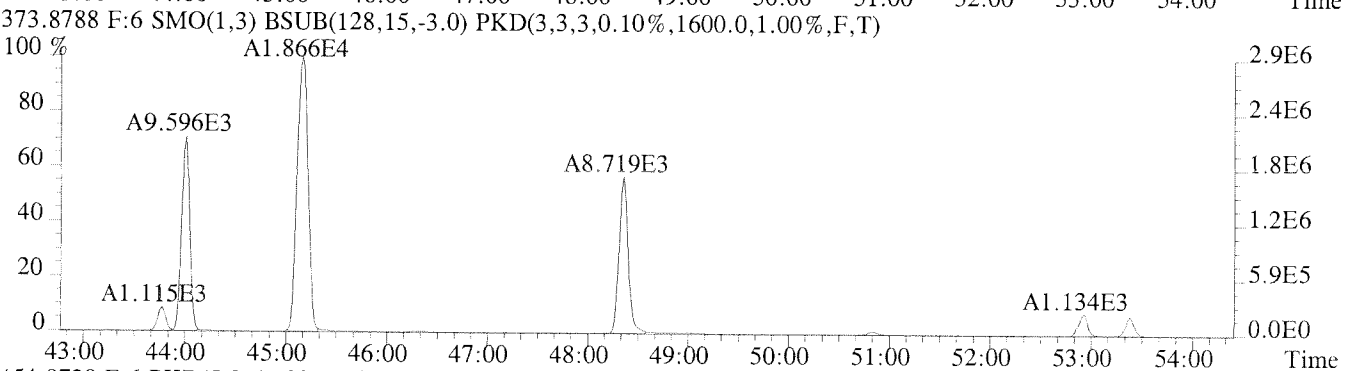
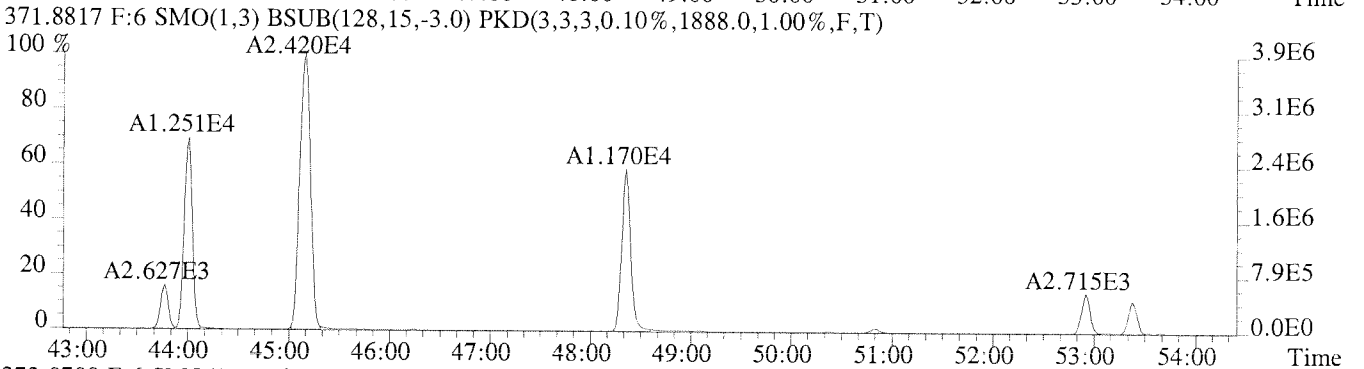
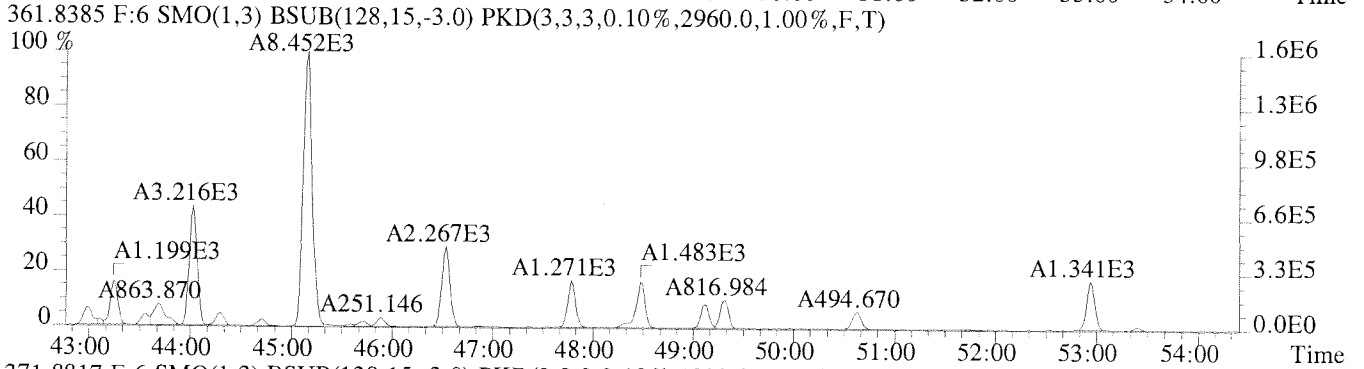
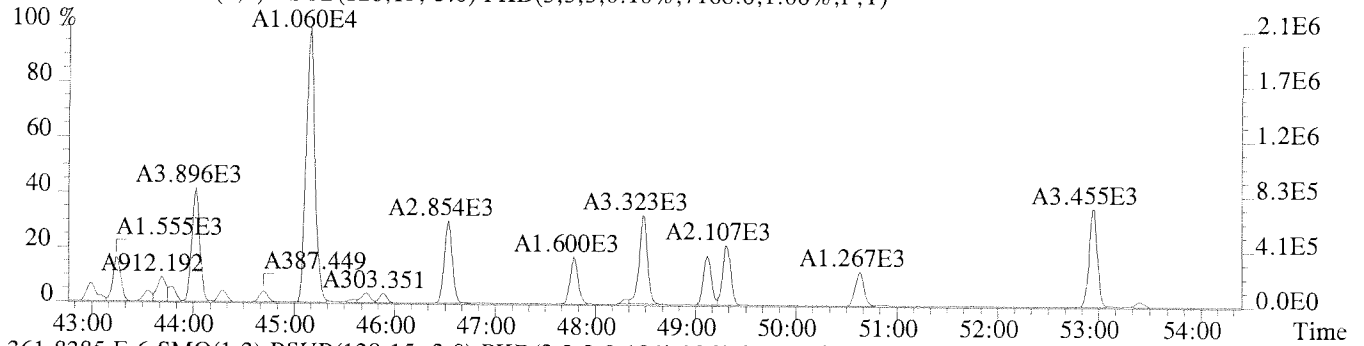
File:U224764 #1-309 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2824.0,1.00%,F,T)



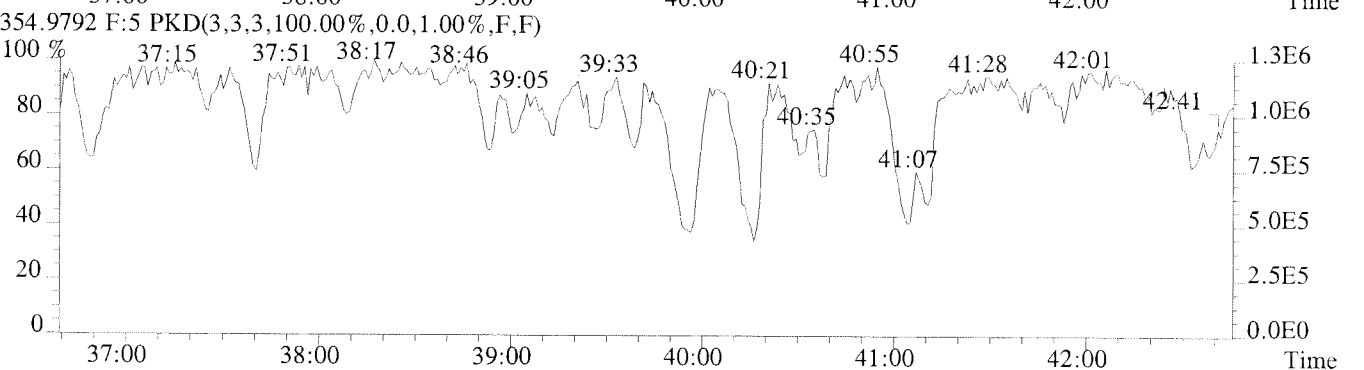
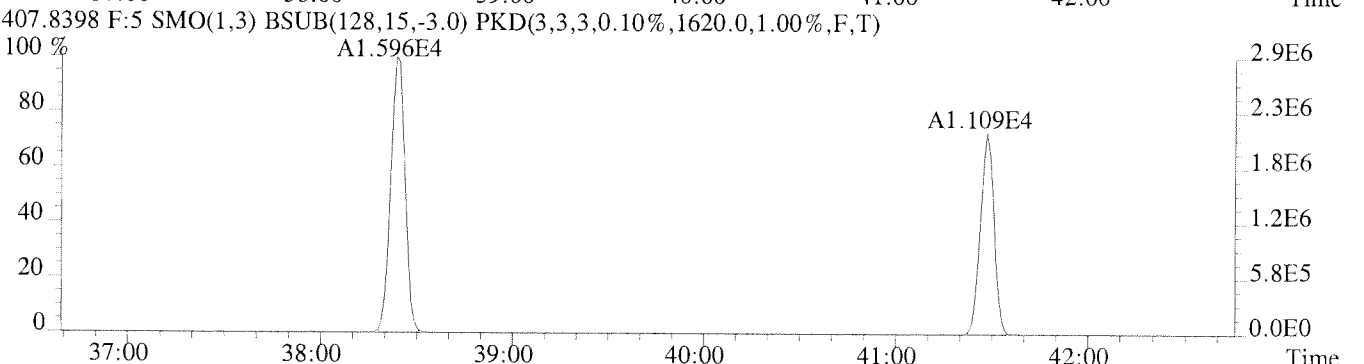
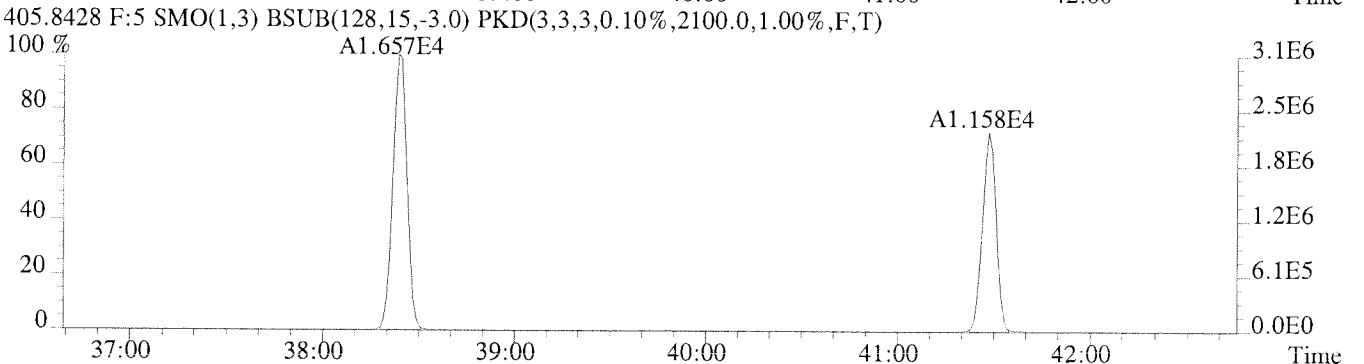
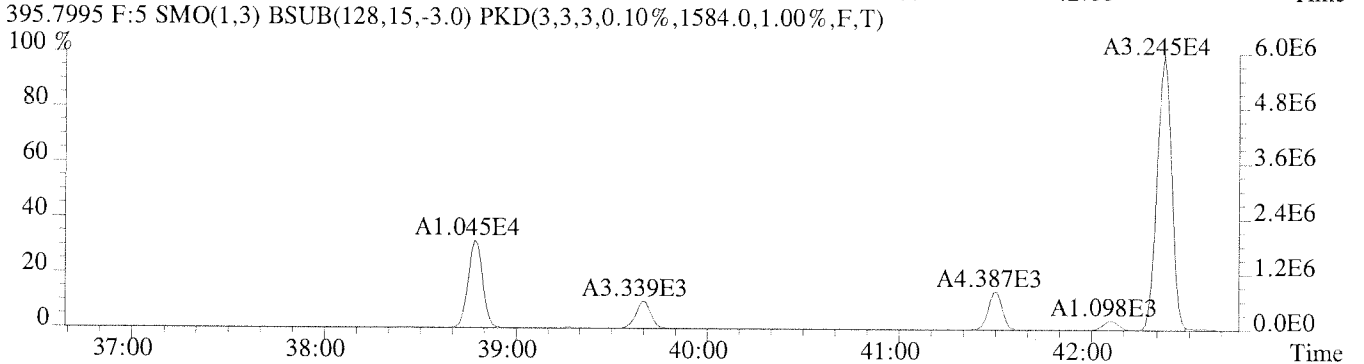
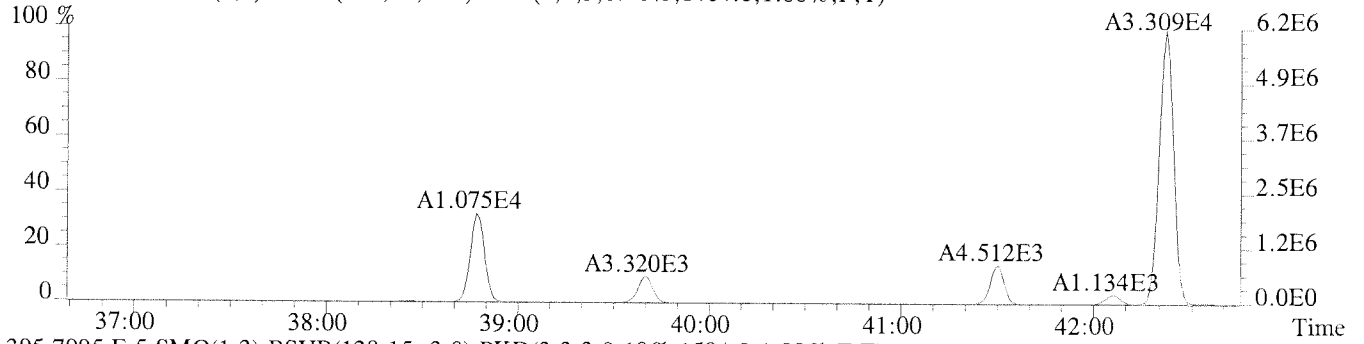
File:U224764 #1-391 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4192.0,1.00%,F,T)



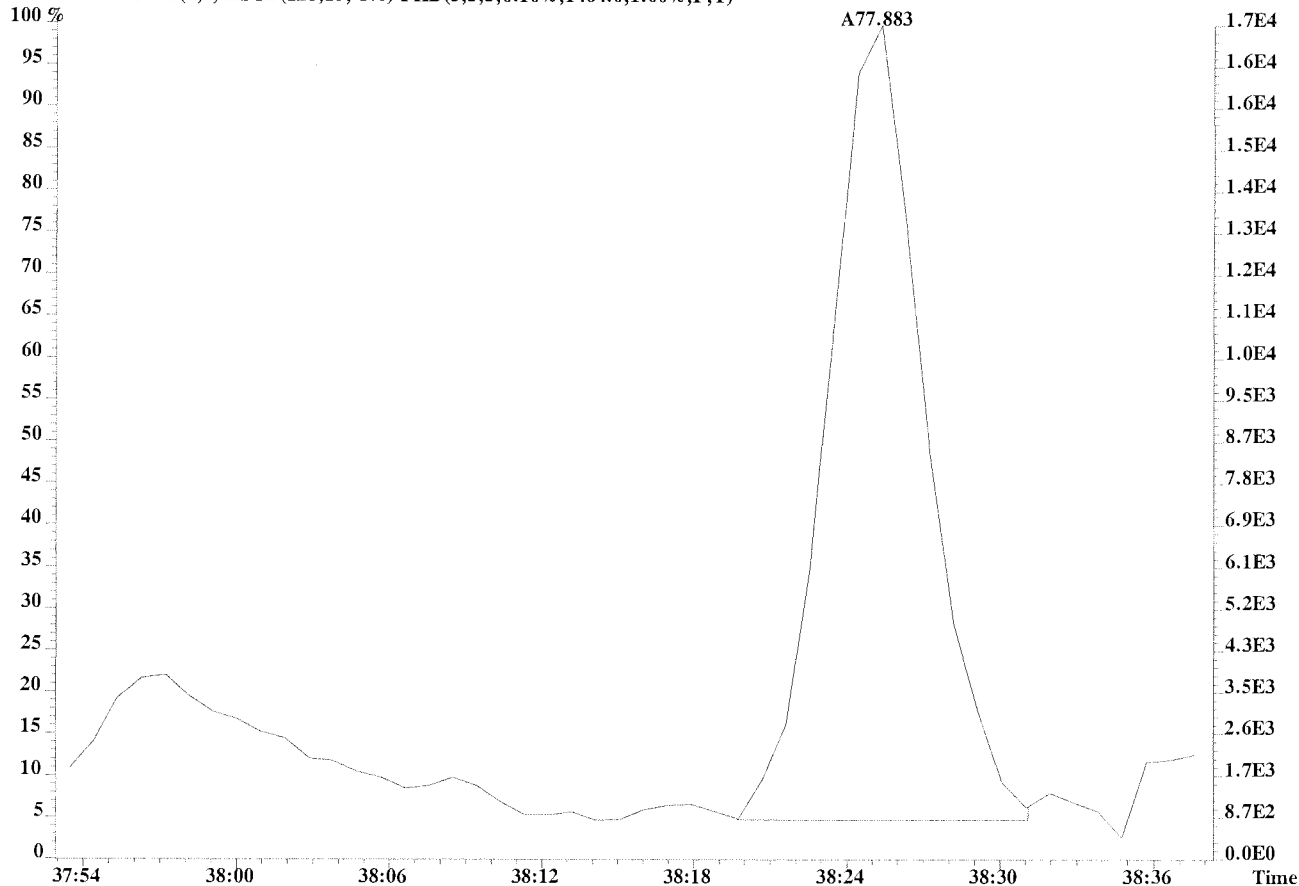
File:U224764 #1-577 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7168.0,1.00%,F,T)



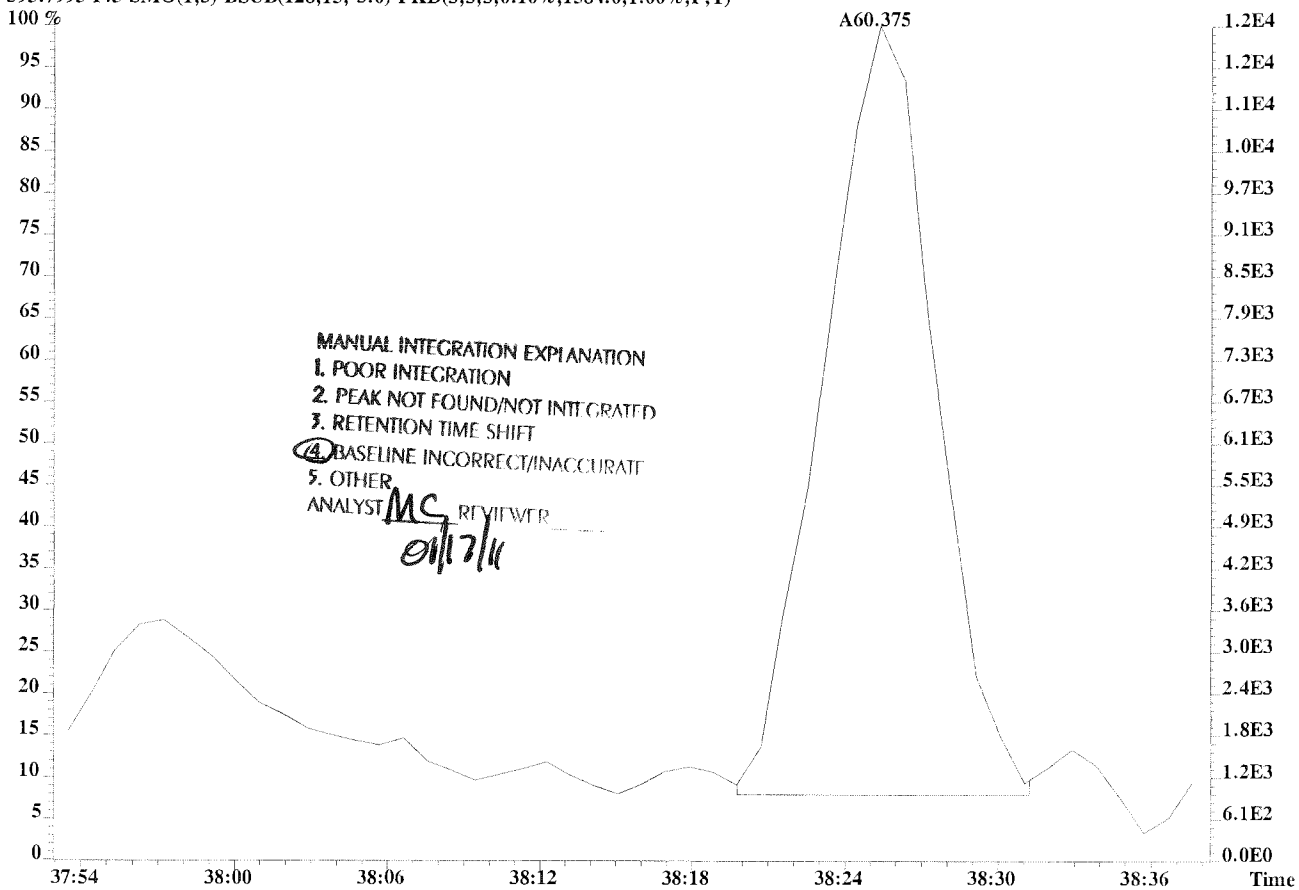
File:U224764 #1-391 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1464.0,1.00%,F,T)



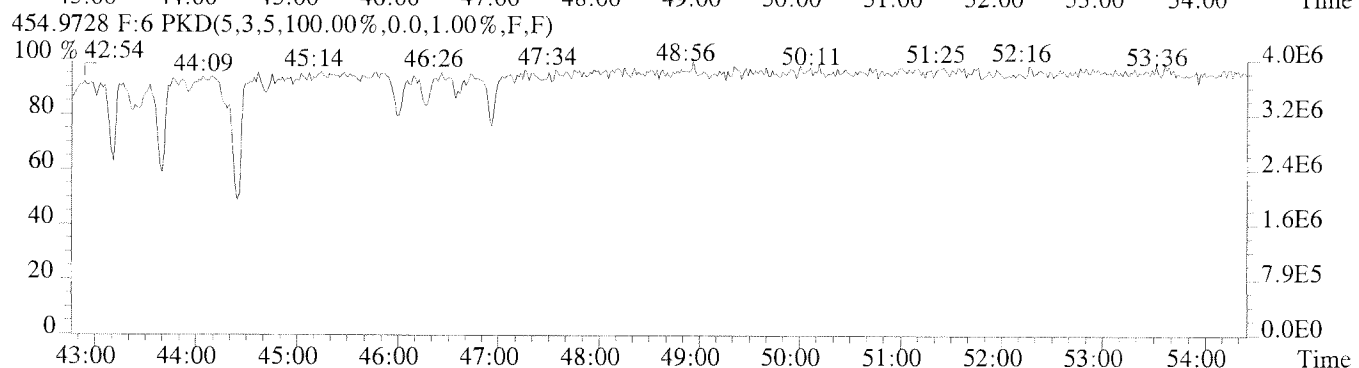
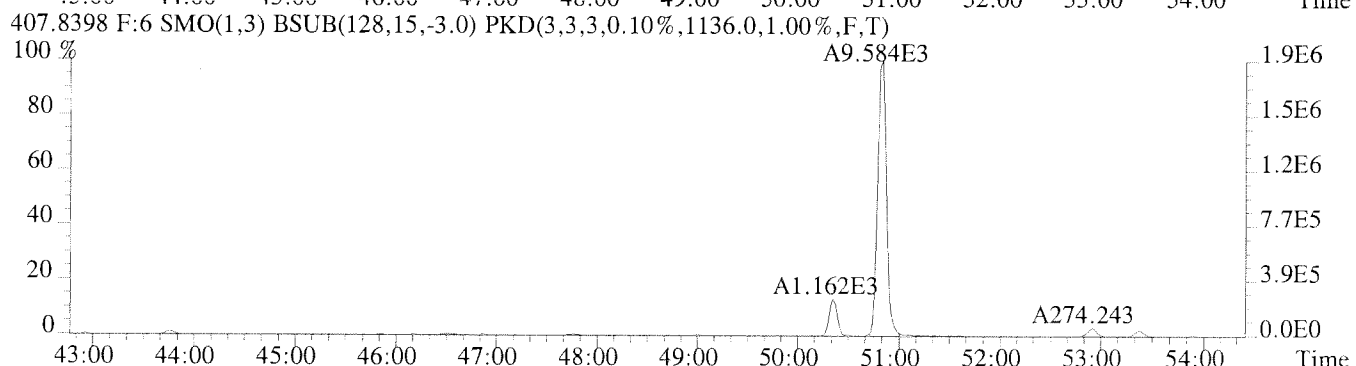
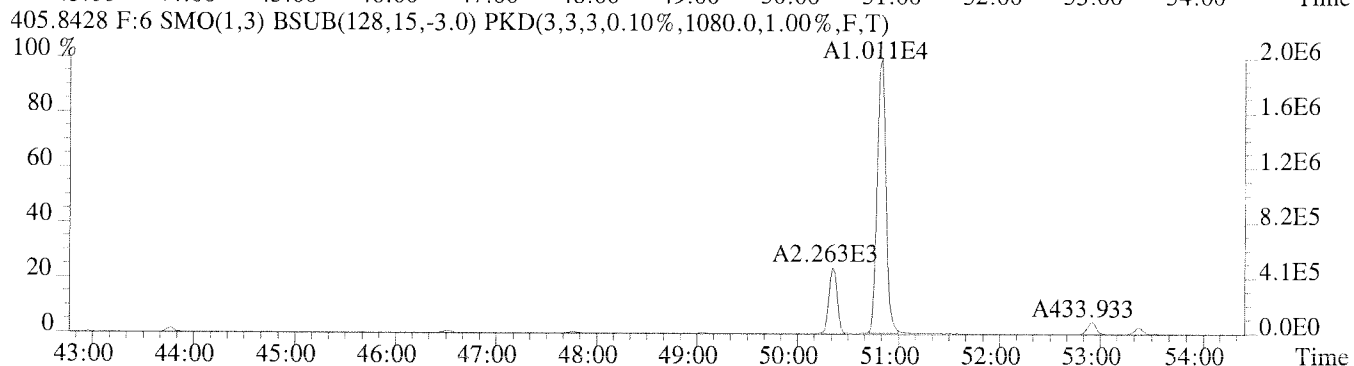
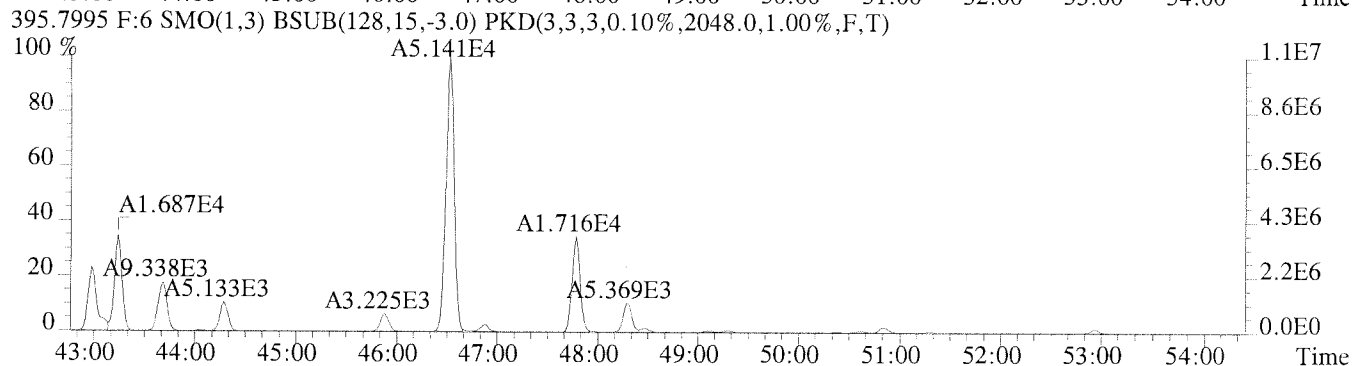
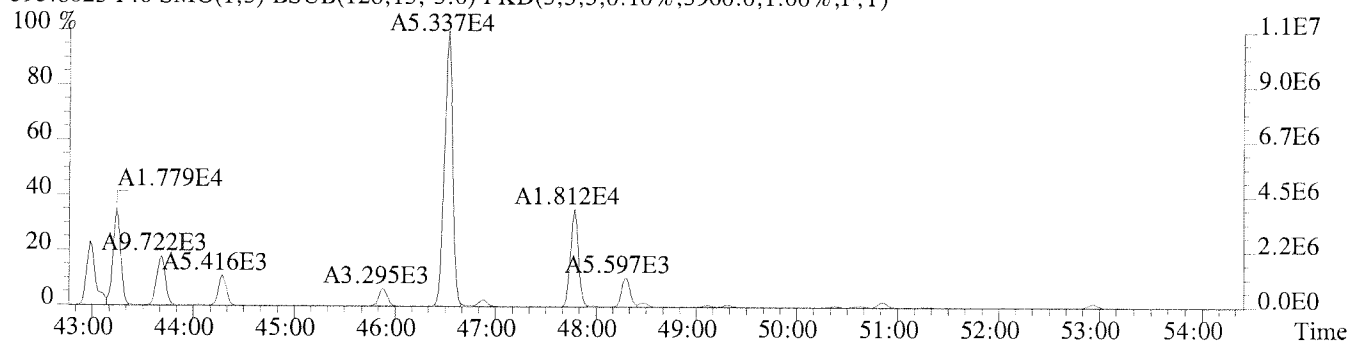
File:U224764 #1-391 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-012 USENE/W101
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1464.0,1.00%,F,T)



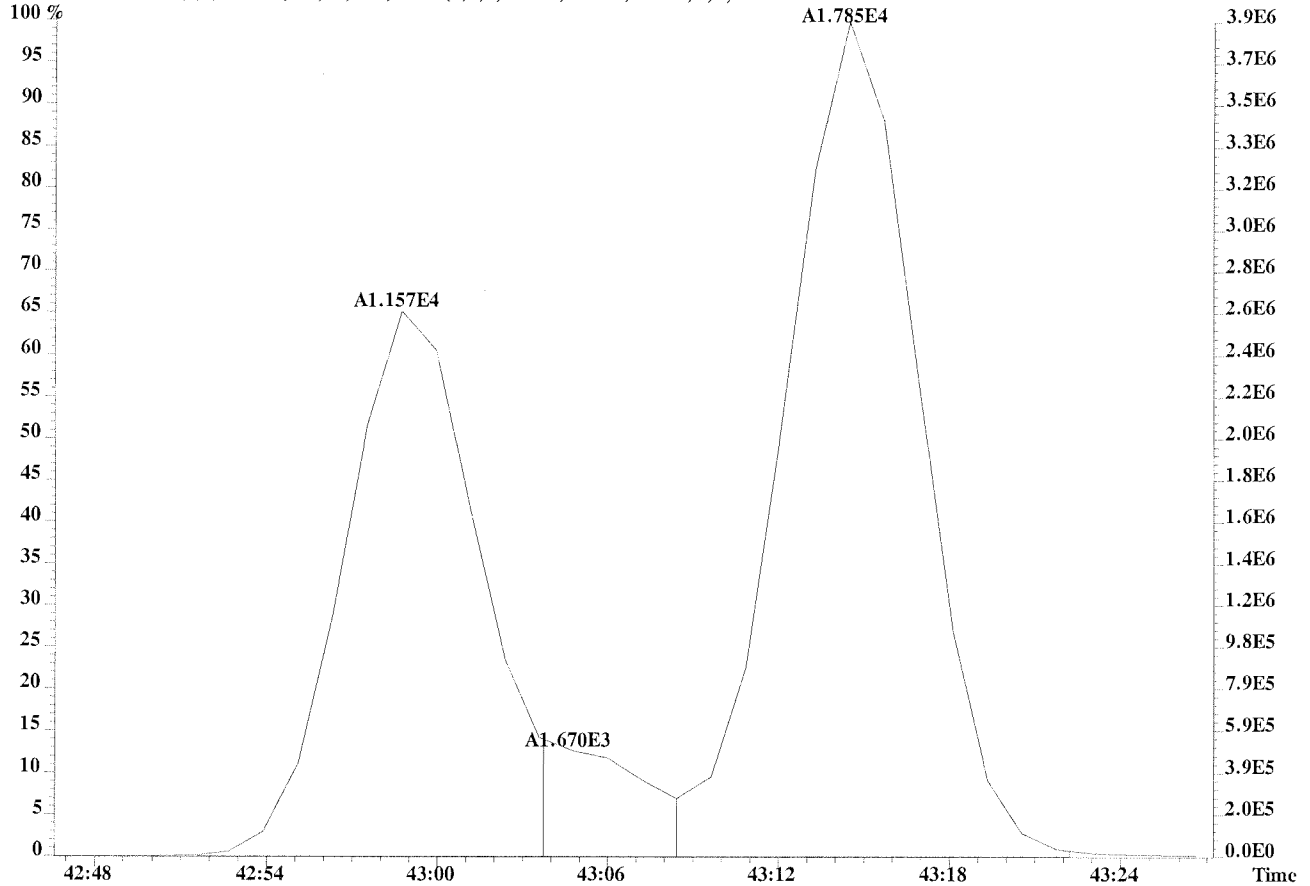
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1584.0,1.00%,F,T)



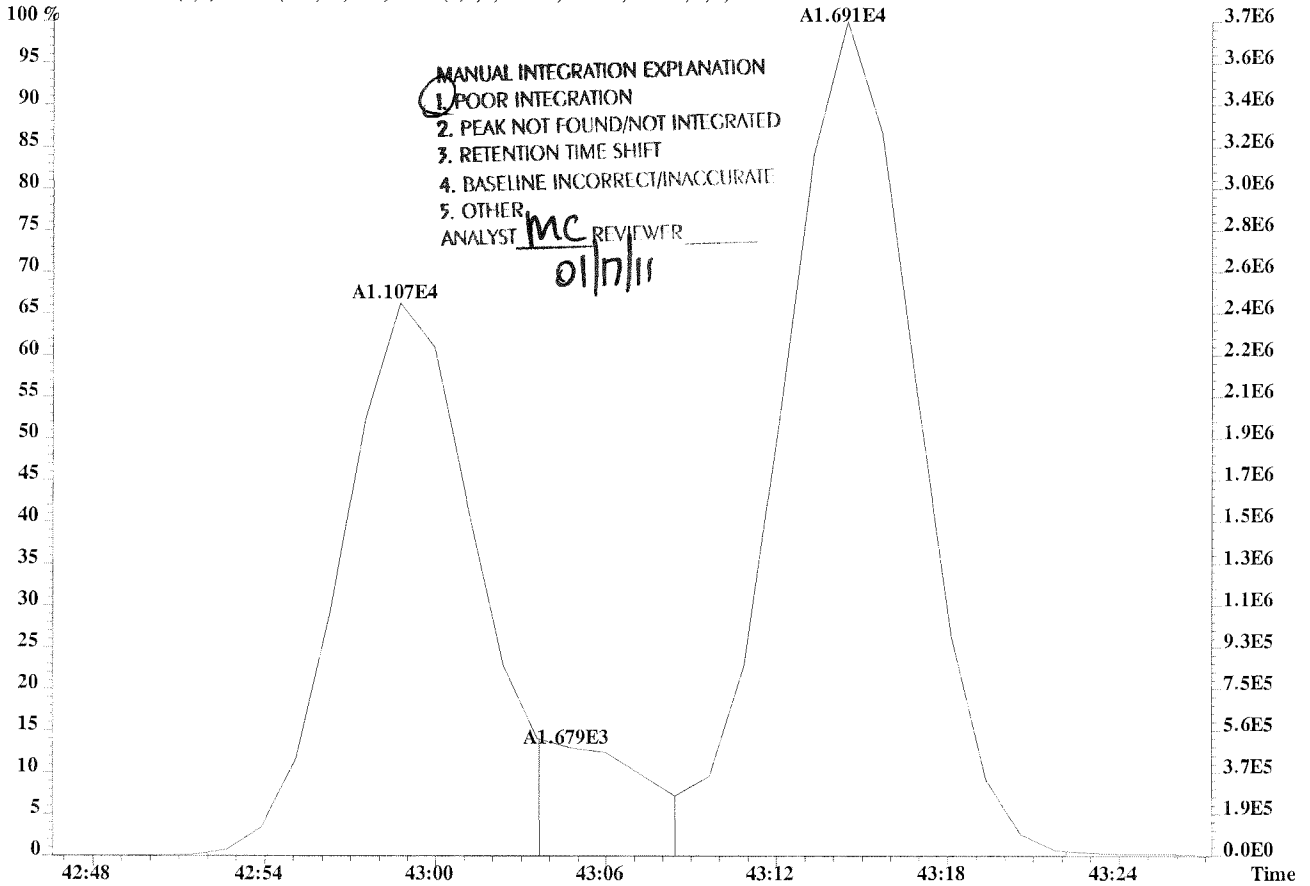
File:U224764 #1-577 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3960.0,1.00%,F,T)



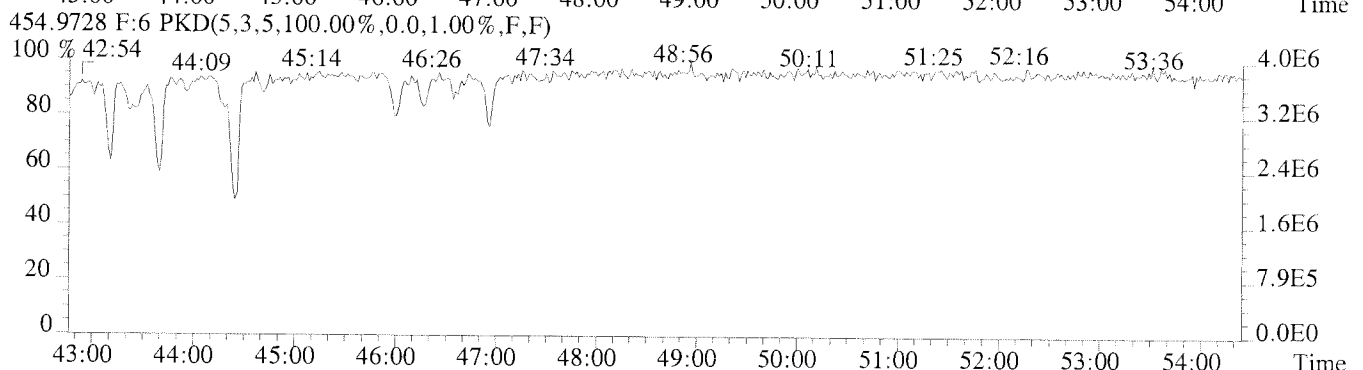
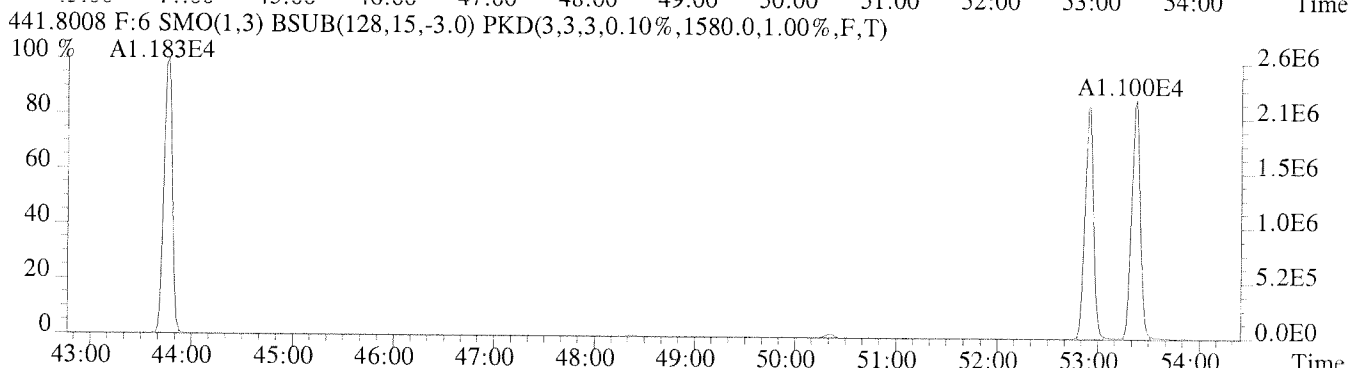
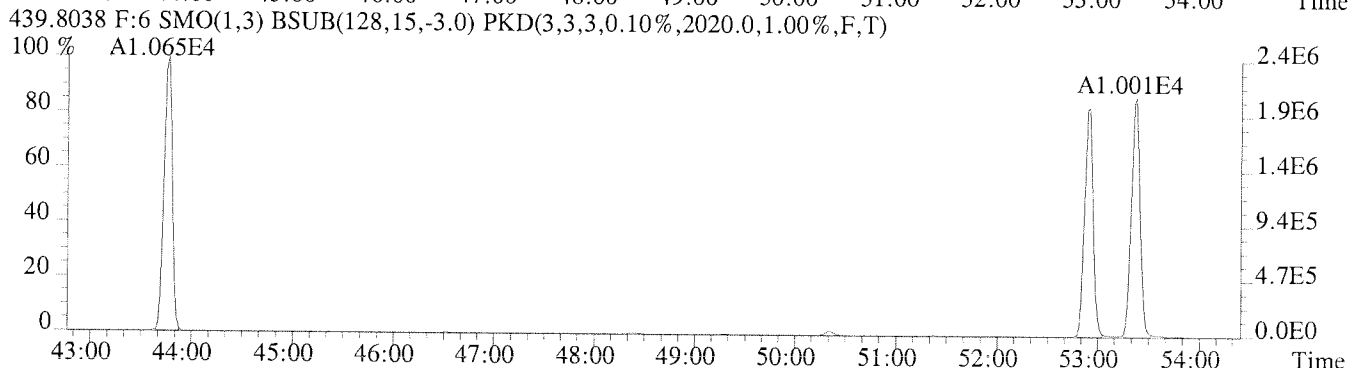
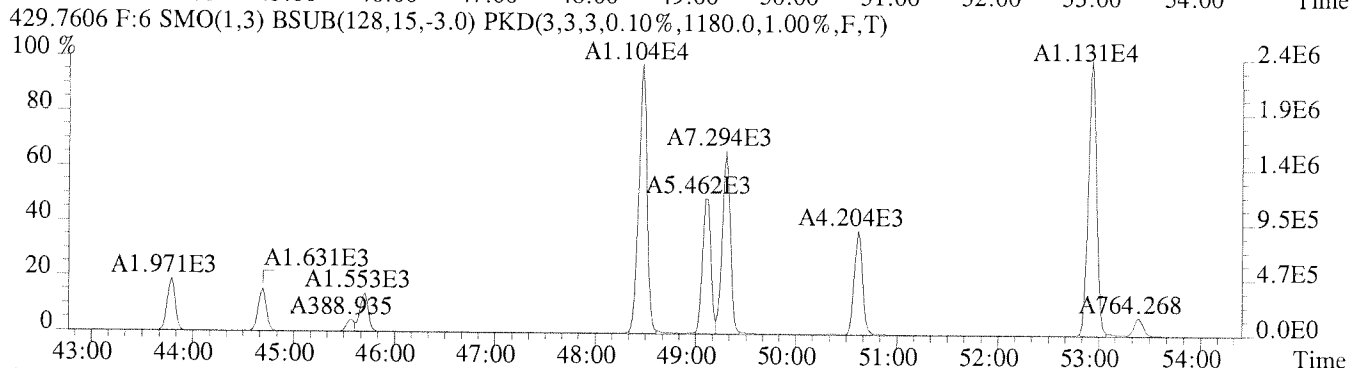
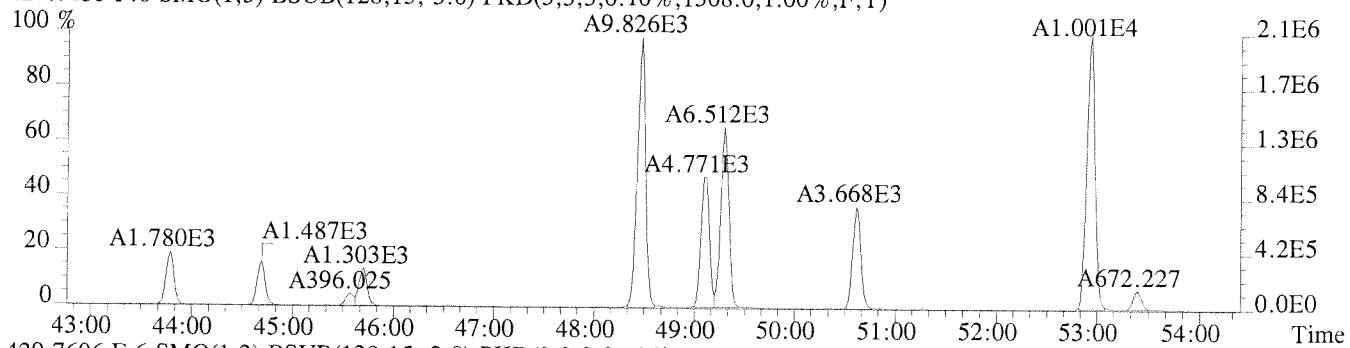
File:U224764 #1-577 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-012 USENE/W101
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3960.0,1.00%,F,T)



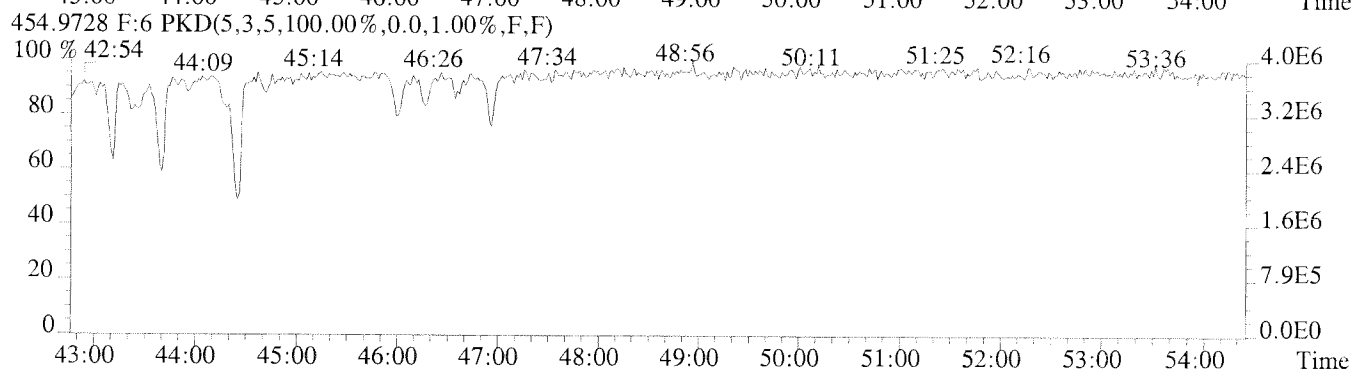
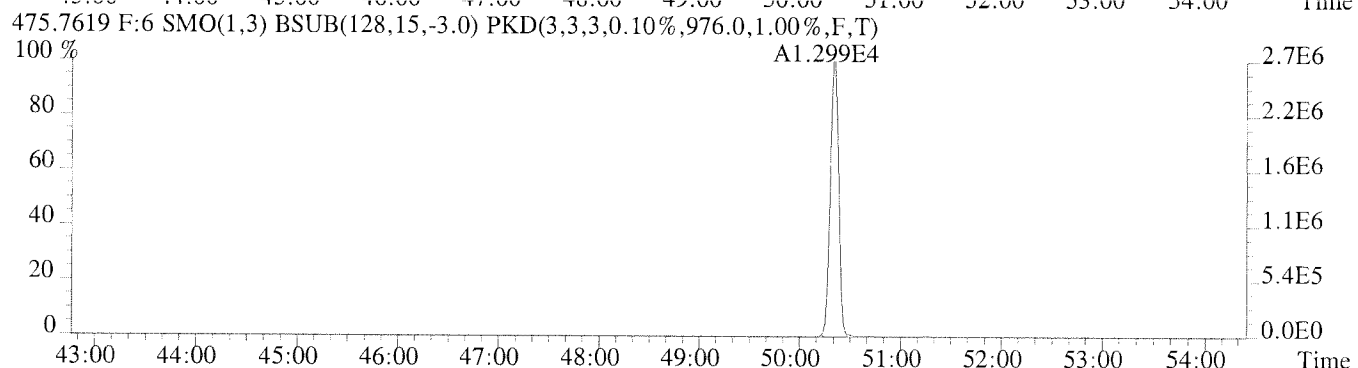
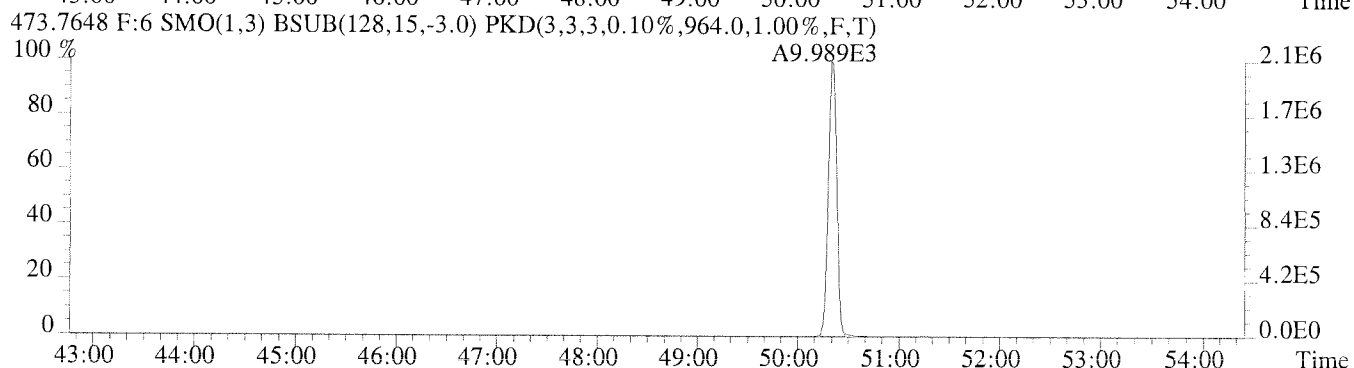
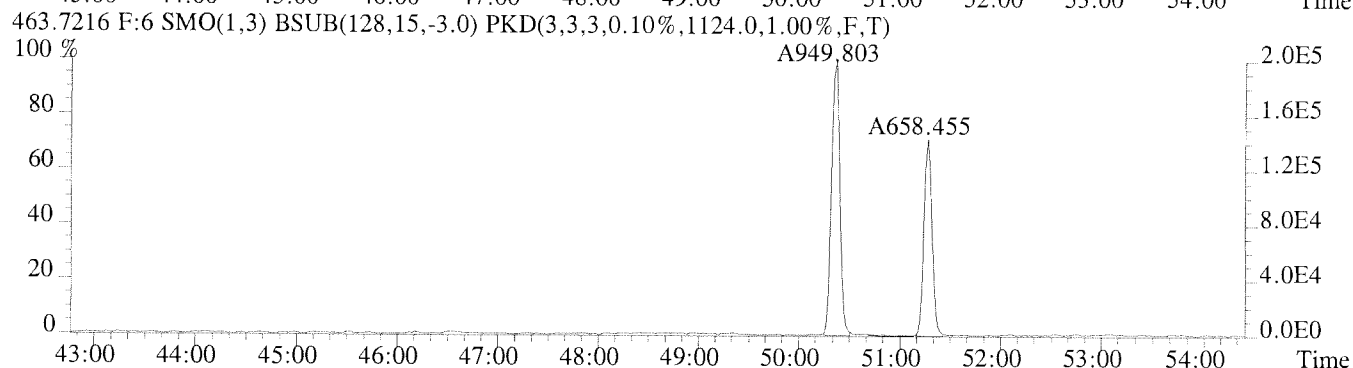
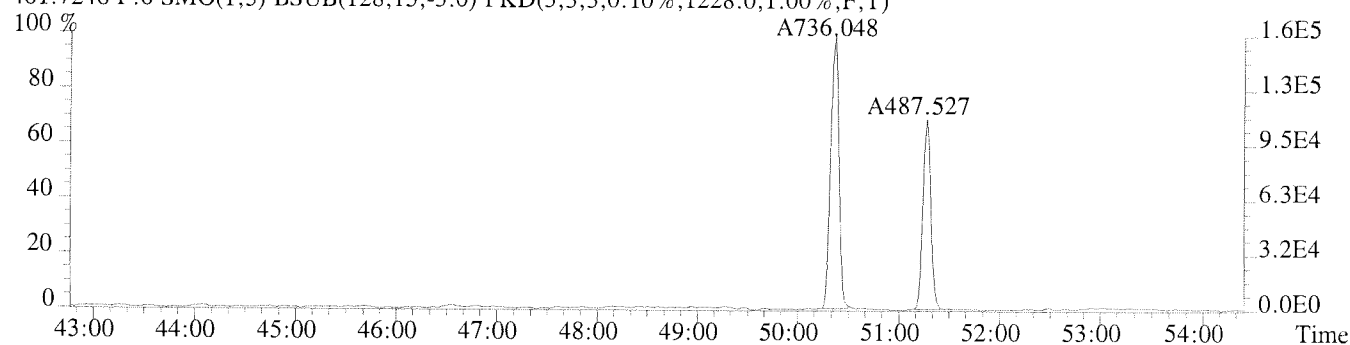
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2048.0,1.00%,F,T)



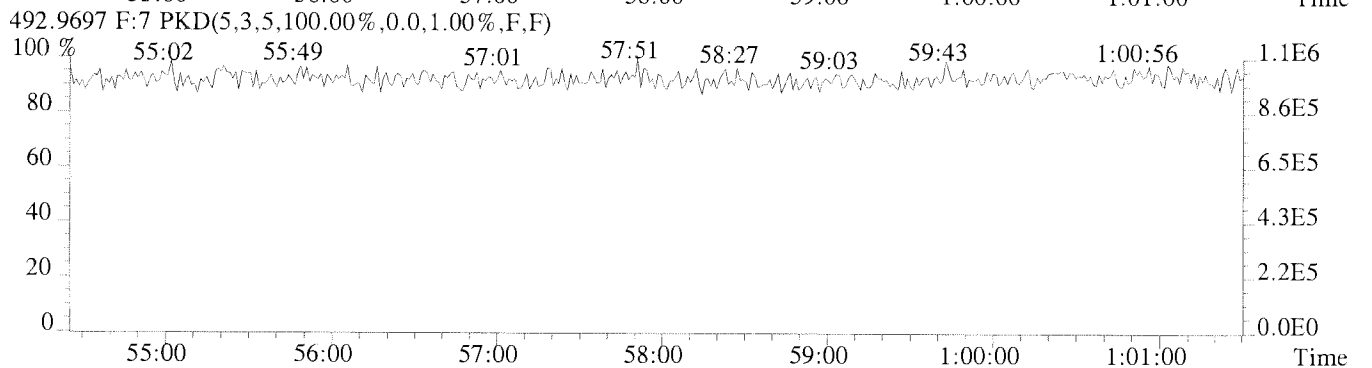
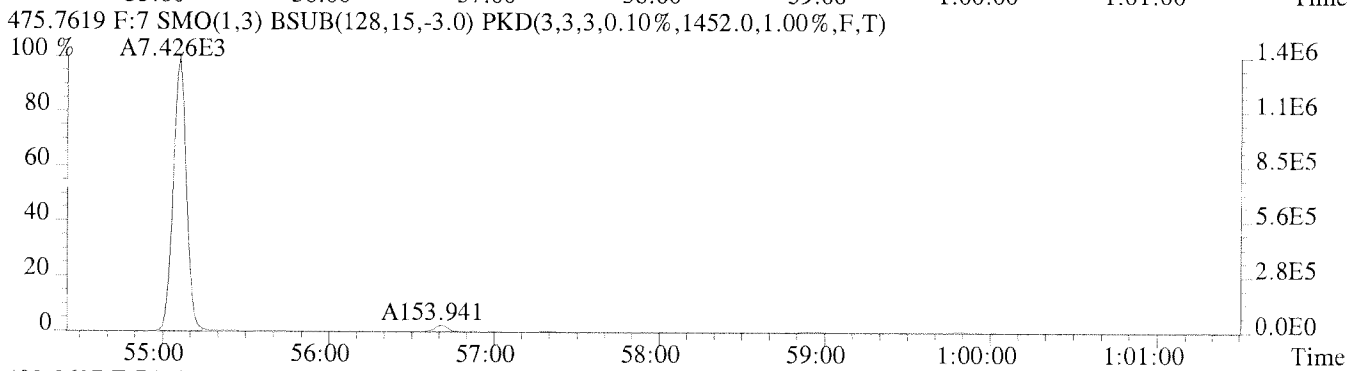
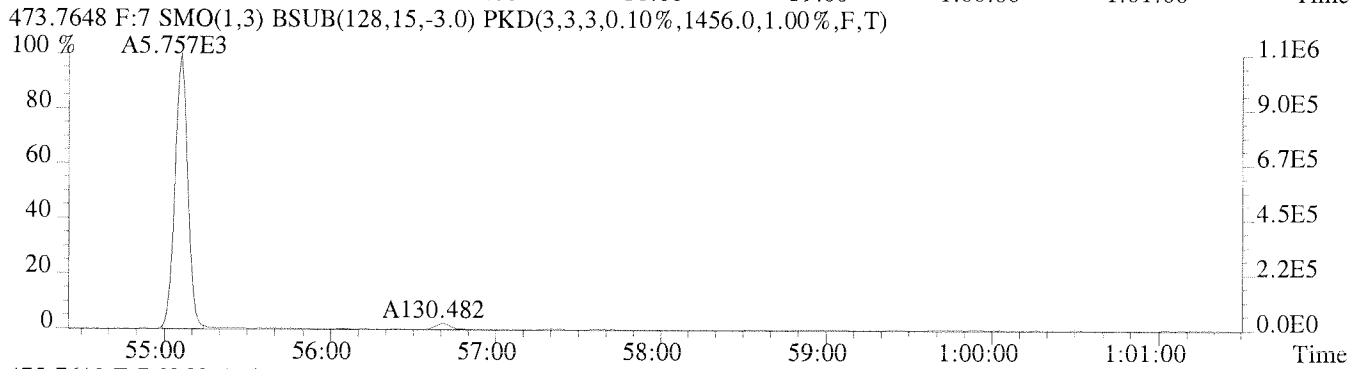
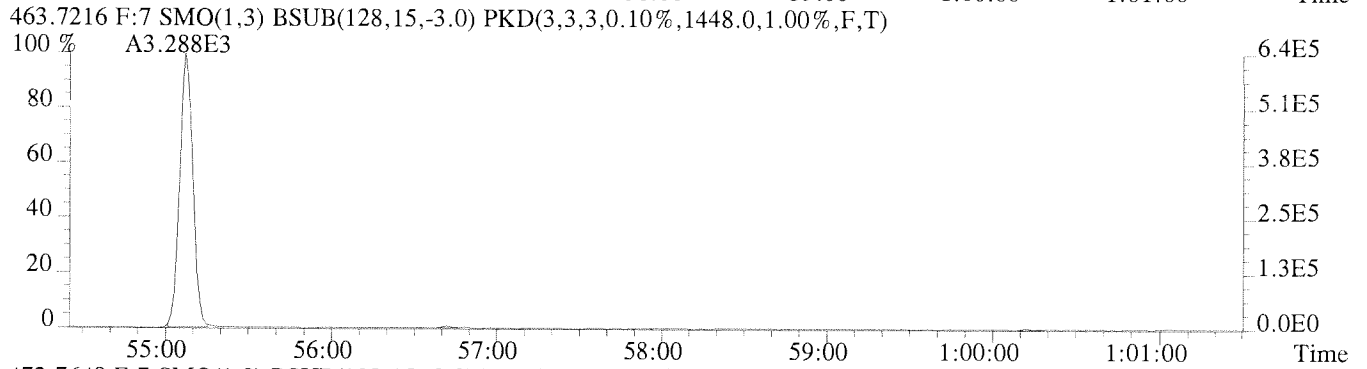
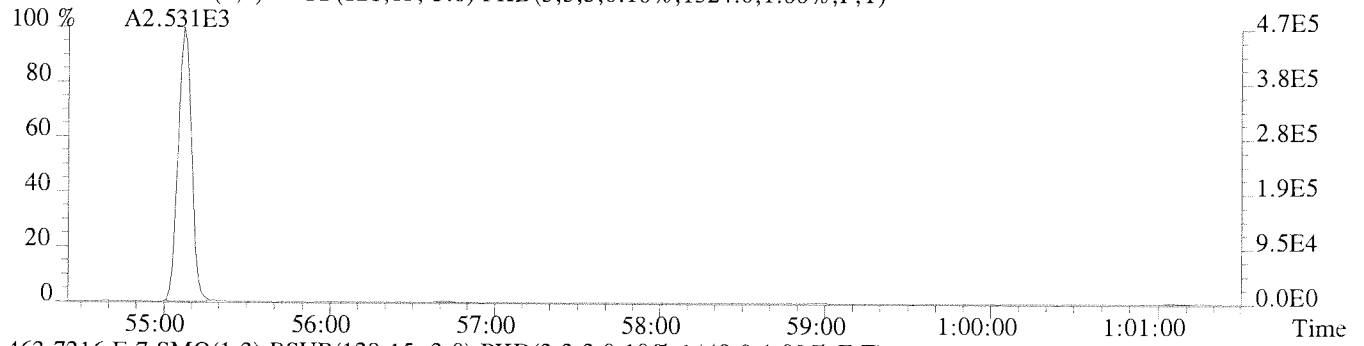
File:U224764 #1-577 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1308.0,1.00%,F,T)



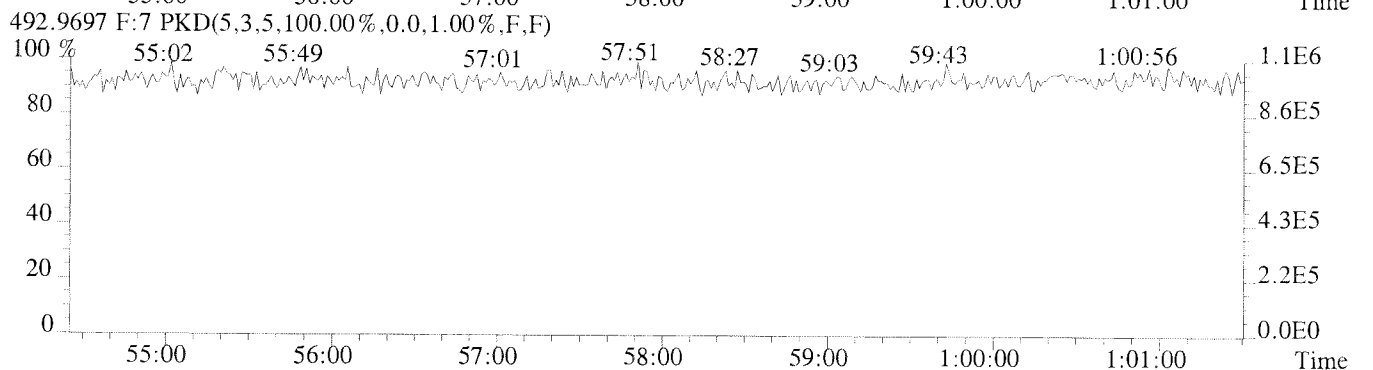
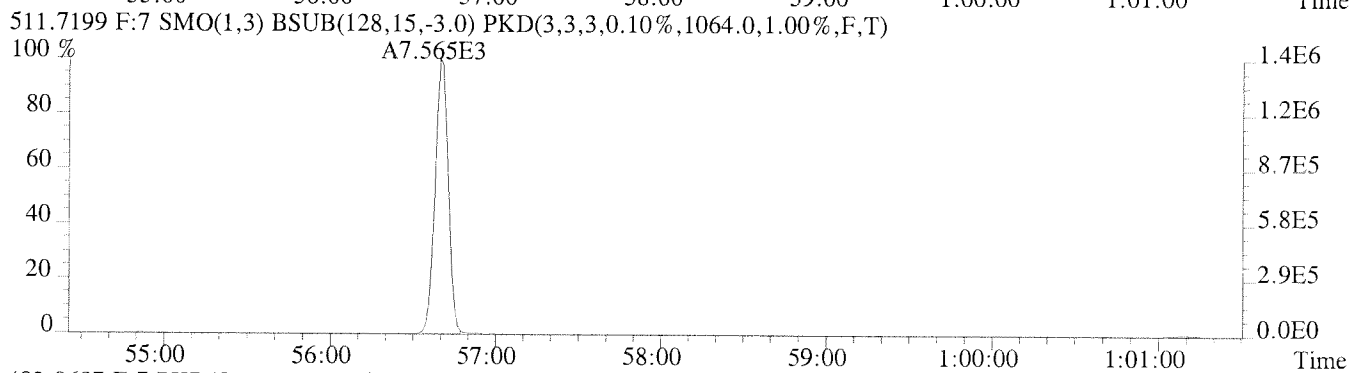
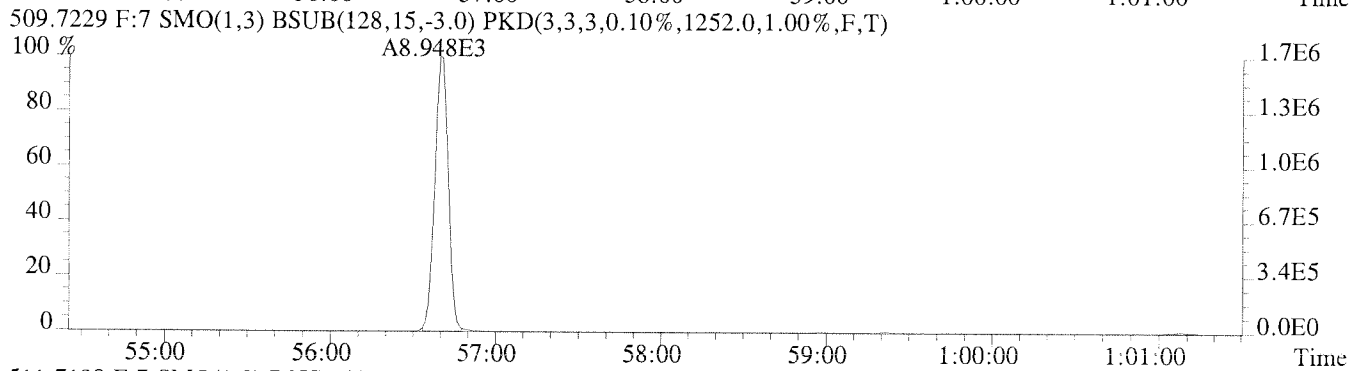
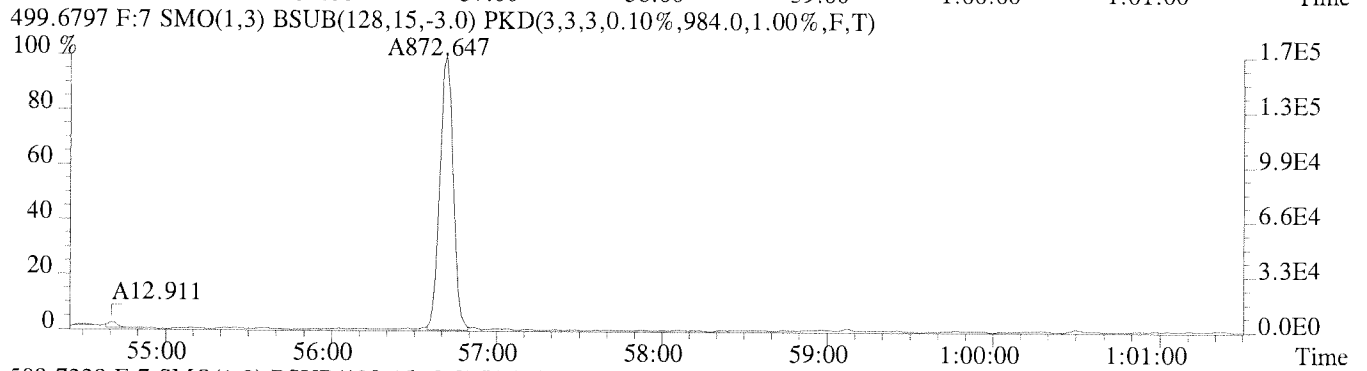
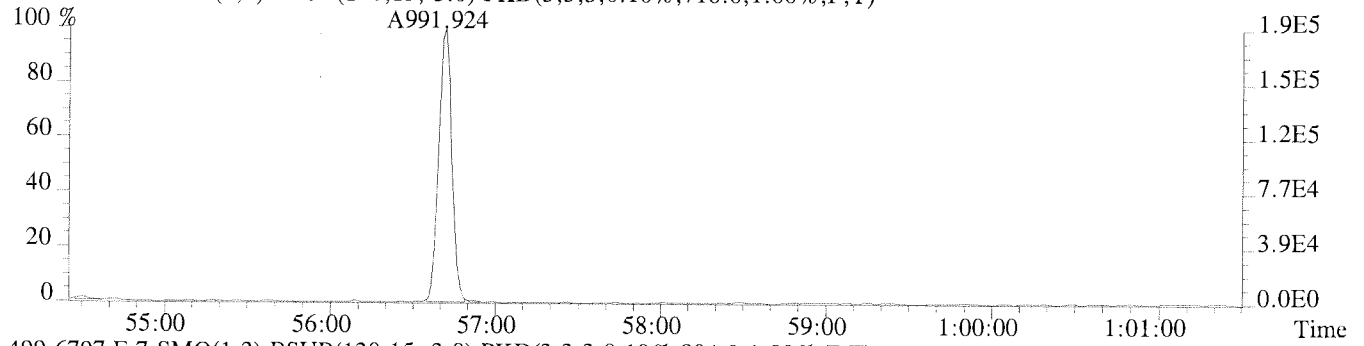
File:U224764 #1-577 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1228.0,1.00%,F,T)



File:U224764 #1-400 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1324.0,1.00%,F,T)



File:U224764 #1-400 Acq:15-JAN-2011 19:05:49 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-012 USENE/W101
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,716.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-E/W-11-1

Run #13 Filename U224765 Samp: 1 Inj: 1 Acquired: 15-JAN-11 20:14:10
Processed: 17-JAN-11 16:15:10 Sample ID: K1013433-013

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	12:59	6.436e+02	1.959e+02	3.28	y	n	1.062
2	1	PCB-2	15:01	2.951e+02	8.042e+01	3.67	n	n	1.045
3	1	PCB-3	15:12	7.573e+02	2.114e+02	3.58	y	n	1.057
4	1	PCB-4	NotFnd	*	*	*	n	y	0.952
5	1	PCB-10	NotFnd	*	*	*	n	y	1.347
6	2	PCB-9	NotFnd	*	*	*	n	y	0.979
7	2	PCB-7	NotFnd	*	*	*	n	y	0.997
8	2	PCB-6	17:58	1.037e+03	8.742e+02	1.19	n	y	0.999
9	2	PCB-5	NotFnd	*	*	*	n	y	0.877
10	2	PCB-8	18:23	5.353e+03	3.426e+03	1.56	y	y	1.083
11	2	PCB-14	NotFnd	*	*	*	n	y	1.010
12	2	PCB-11	20:44	4.964e+03	3.149e+03	1.58	y	y	0.968
13	2	PCB-12/13	21:02	8.211e+02	5.447e+02	1.51	y	y	0.985
14	2	PCB-15	21:21	5.716e+03	3.506e+03	1.63	y	y	0.973
15	2	PCB-19	18:40	1.796e+02	1.734e+02	1.04	y	y	1.021
16	2	PCB-18/30	20:27	3.276e+03	3.218e+03	1.02	y	y	0.916
17	2	PCB-17	20:51	1.134e+03	1.176e+03	0.96	y	y	0.767
18	2	PCB-27	21:04	2.243e+02	2.907e+02	0.77	n	y	1.121
19	2	PCB-24	NotFnd	*	*	*	n	y	1.011
20	2	PCB-16	21:19	9.822e+02	9.527e+02	1.03	y	y	0.648
21	2	PCB-32	21:48	1.593e+03	1.629e+03	0.98	y	y	1.189
22	3	PCB-34	NotFnd	*	*	*	n	n	1.295
23	3	PCB-23	NotFnd	*	*	*	n	n	1.210
24	3	PCB-26/29	23:30	2.120e+03	2.091e+03	1.01	y	n	1.361
25	3	PCB-25	23:44	1.027e+03	1.082e+03	0.95	y	n	1.530
26	3	PCB-31	24:03	1.652e+04	1.611e+04	1.03	y	n	1.416
27	3	PCB-20/28	24:21	1.852e+04	1.829e+04	1.01	y	n	1.290
28	3	PCB-21/33	24:36	8.631e+03	8.399e+03	1.03	y	n	1.445
29	3	PCB-22	24:59	6.807e+03	6.796e+03	1.00	y	n	1.225
30	3	PCB-36	NotFnd	*	*	*	n	n	1.435
31	3	PCB-39	NotFnd	*	*	*	n	y	1.413
32	3	PCB-38	NotFnd	*	*	*	n	n	1.286
33	3	PCB-35	27:56	8.667e+02	9.460e+02	0.92	y	n	1.278
34	3	PCB-37	28:21	9.227e+03	9.005e+03	1.02	y	n	1.082
35	2	PCB-54	NotFnd	*	*	*	n	y	0.963
36	3	PCB-50/53	23:47	7.448e+02	9.510e+02	0.78	y	n	0.736
37	3	PCB-45/51	24:27	9.043e+02	1.182e+03	0.77	y	n	0.730
38	3	PCB-46	24:46	3.021e+02	4.148e+02	0.73	y	n	0.644
39	3	PCB-52	26:09	7.775e+03	1.006e+04	0.77	y	n	0.781
40	3	PCB-43/73	26:24	2.996e+02	3.815e+02	0.79	y	n	0.778
41	3	PCB-49/69	26:39	4.837e+03	6.155e+03	0.79	y	y	0.885
42	3	PCB-48	26:55	1.620e+03	2.030e+03	0.80	y	y	0.722
43	3	PCB-44/47/65	27:10	7.947e+03	1.041e+04	0.76	y	y	0.814
44	3	PCB-59/62/75	27:29	9.333e+02	1.142e+03	0.82	y	y	0.978
45	3	PCB-42	27:40	1.887e+03	2.390e+03	0.79	y	y	0.715
46	3	PCB-40/41/71	28:11	4.624e+03	5.914e+03	0.78	y	y	0.735
47	3	PCB-64	28:24	6.183e+03	7.936e+03	0.78	y	y	1.052
48	3	PCB-72	NotFnd	*	*	*	n	n	1.048
49	3	PCB-68	NotFnd	*	*	*	n	n	1.000
50	3	PCB-57	NotFnd	*	*	*	n	n	1.006

51	3	PCB-58	NotFnd	*	*	*	n	y	0.970
52	3	PCB-67	30:18	3.955e+02	5.525e+02	0.72	y	n	1.135
53	3	PCB-63	30:34	6.972e+02	9.461e+02	0.74	y	n	1.090
54	3	PCB-61/70/74/76	30:55	3.061e+04	3.940e+04	0.78	y	y	1.020
55	3	PCB-66	31:15	1.742e+04	2.238e+04	0.78	y	y	1.066
56	3	PCB-55	31:23	6.663e+02	8.878e+02	0.75	y	y	0.907
57	4	PCB-56	31:56	8.648e+03	1.107e+04	0.78	y	n	1.004
58	4	PCB-60	32:08	6.505e+03	8.176e+03	0.80	y	n	0.963
59	4	PCB-80	NotFnd	*	*	*	n	n	1.154
60	4	PCB-79	34:03	2.320e+02	3.126e+02	0.74	y	n	1.115
61	4	PCB-78	NotFnd	*	*	*	n	n	0.980
62	4	PCB-81	NotFnd	*	*	*	n	n	1.084
63	4	PCB-77	35:39	3.646e+03	4.810e+03	0.76	y	n	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:29	1.473e+02	9.388e+01	1.57	y	n	1.221
66	3	PCB-103	29:23	7.103e+01	4.012e+01	1.77	y	n	0.993
67	3	PCB-94	29:36	5.712e+01	3.563e+01	1.60	y	n	0.795
68	3	PCB-95	30:03	8.364e+03	5.500e+03	1.52	y	n	0.913
69	3	PCB-93/100	30:14	1.305e+02	1.134e+02	1.15	n	n	0.863
70	3	PCB-98/102	30:24	5.422e+02	3.712e+02	1.46	y	n	0.897
71	3	PCB-88/91	30:55	1.573e+03	1.068e+03	1.47	y	n	0.874
72	3	PCB-84	31:09	2.942e+03	1.832e+03	1.61	y	n	0.800
73	3	PCB-89	31:37	2.224e+02	1.362e+02	1.63	y	n	0.834
74	4	PCB-121	NotFnd	*	*	*	n	n	1.009
75	4	PCB-92	32:23	1.796e+03	1.188e+03	1.51	y	n	0.716
76	4	PCB-90/101/113	32:58	1.449e+04	9.455e+03	1.53	y	n	0.814
77	4	PCB-83/99	33:33	6.808e+03	4.435e+03	1.54	y	n	0.690
78	4	PCB-112	NotFnd	*	*	*	n	y	1.015
79	4	PCB-86/87/97/109/119/125	34:09	1.092e+04	7.011e+03	1.56	y	y	0.809
80	4	PCB-117	34:40	3.932e+02	3.019e+02	1.30	n	y	0.820
81	4	PCB-85/116	34:47	3.218e+03	2.062e+03	1.56	y	y	0.883
82	4	PCB-110/115	34:56	2.338e+04	1.496e+04	1.56	y	y	0.948
83	4	PCB-82	35:16	1.752e+03	1.134e+03	1.54	y	n	0.615
84	4	PCB-111	NotFnd	*	*	*	n	n	0.892
85	4	PCB-120	36:06	8.704e+01	4.731e+01	1.84	n	n	0.962
86	5	PCB-108/124	37:13	1.008e+03	6.513e+02	1.55	y	n	0.885
87	5	PCB-107	37:27	2.059e+03	1.322e+03	1.56	y	n	0.943
88	5	PCB-123	37:35	6.864e+02	4.314e+02	1.59	y	n	1.076
89	5	PCB-106	NotFnd	*	*	*	n	n	0.898
90	5	PCB-118	37:54	2.673e+04	1.723e+04	1.55	y	n	1.103
91	5	PCB-122	38:15	4.284e+02	2.804e+02	1.53	y	n	0.818
92	5	PCB-114	38:25	9.209e+02	6.531e+02	1.41	y	n	1.079
93	5	PCB-105	39:06	1.561e+04	1.000e+04	1.56	y	n	1.059
94	5	PCB-127	NotFnd	*	*	*	n	n	0.875
95	5	PCB-126	42:10	3.790e+02	2.310e+02	1.64	y	n	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	NotFnd	*	*	*	n	n	1.591
98	4	PCB-150	NotFnd	*	*	*	n	y	1.456
99	4	PCB-136	33:30	2.967e+03	2.448e+03	1.21	y	n	1.518
100	4	PCB-145	NotFnd	*	*	*	n	y	1.390
101	4	PCB-148	NotFnd	*	*	*	n	n	1.098
102	4	PCB-135/151	35:50	7.325e+03	6.089e+03	1.20	y	n	1.041
103	4	PCB-154	36:05	2.269e+02	1.865e+02	1.22	y	n	1.242
104	4	PCB-144	36:24	1.168e+03	9.783e+02	1.19	y	n	1.088
105	5	PCB-147/149	36:46	1.770e+04	1.419e+04	1.25	y	n	0.883
106	5	PCB-134	36:59	7.748e+02	6.311e+02	1.23	y	n	0.689
107	5	PCB-143	NotFnd	*	*	*	n	n	0.869

108	5	PCB-139/140	37:21	2.136e+02	1.529e+02	1.40	y	n	0.861
109	5	PCB-131	37:34	1.835e+02	1.383e+02	1.33	y	n	0.763
110	5	PCB-142	NotFnd	*	*	*	n	n	0.761
111	5	PCB-132	38:02	5.288e+03	4.369e+03	1.21	y	n	0.710
112	5	PCB-133	38:30	2.311e+02	1.832e+02	1.26	y	n	0.749
113	5	PCB-165	NotFnd	*	*	*	n	n	0.935
114	5	PCB-146	39:09	3.622e+03	2.993e+03	1.21	y	n	0.905
115	5	PCB-161	NotFnd	*	*	*	n	n	1.097
116	5	PCB-153/168	39:45	2.798e+04	2.237e+04	1.25	y	n	0.974
117	5	PCB-141	39:58	5.007e+03	3.982e+03	1.26	y	n	0.837
118	5	PCB-130	40:23	1.080e+03	8.560e+02	1.26	y	n	0.701
119	5	PCB-137	40:36	5.494e+02	4.664e+02	1.18	y	n	0.774
120	5	PCB-164	40:43	2.001e+03	1.658e+03	1.21	y	n	1.042
121	5	PCB-129/138/163	41:00	2.882e+04	2.304e+04	1.25	y	n	0.837
122	5	PCB-160	NotFnd	*	*	*	n	n	1.023
123	5	PCB-158	41:24	3.361e+03	2.793e+03	1.20	y	n	1.164
124	5	PCB-128/166	42:17	3.504e+03	2.874e+03	1.22	y	n	0.899
125	6	PCB-159	43:13	5.762e+02	4.628e+02	1.24	y	n	0.805
126	6	PCB-162	43:31	8.352e+01	6.781e+01	1.23	y	n	0.756
127	6	PCB-167	43:59	1.073e+03	9.375e+02	1.14	y	n	1.030
128	6	PCB-156/157	45:07	2.699e+03	2.238e+03	1.21	y	n	1.064
129	6	PCB-169	NotFnd	*	*	*	n	y	1.036
130	5	PCB-188	38:23	2.575e+01	2.624e+01	0.98	y	y	0.950
131	5	PCB-179	38:46	4.323e+03	4.201e+03	1.03	y	y	1.134
132	5	PCB-184	39:16	1.856e+01	1.338e+01	1.39	n	y	1.120
133	5	PCB-176	39:39	1.332e+03	1.319e+03	1.01	y	y	1.100
134	5	PCB-186	NotFnd	*	*	*	n	y	1.035
135	5	PCB-178	41:27	1.544e+03	1.574e+03	0.98	y	y	0.795
136	5	PCB-175	42:05	4.082e+02	4.016e+02	1.02	y	y	0.835
137	5	PCB-187	42:20	1.178e+04	1.172e+04	1.00	y	y	0.868
138	5	PCB-182	42:32	7.361e+01	9.389e+01	0.78	n	y	0.862
139	6	PCB-183	42:58	4.039e+03	3.888e+03	1.04	y	y	0.646
140	6	PCB-185	43:04	5.689e+02	5.903e+02	0.96	y	y	0.493
141	6	PCB-174	43:13	6.259e+03	6.035e+03	1.04	y	n	0.545
142	6	PCB-177	43:39	3.965e+03	3.725e+03	1.06	y	n	0.533
143	6	PCB-181	NotFnd	*	*	*	n	n	0.519
144	6	PCB-171/173	44:16	1.779e+03	1.710e+03	1.04	y	n	0.516
145	6	PCB-172	45:52	1.062e+03	1.027e+03	1.03	y	n	0.524
146	6	PCB-192	NotFnd	*	*	*	n	n	0.624
147	6	PCB-180/193	46:31	1.724e+04	1.626e+04	1.06	y	n	0.642
148	6	PCB-191	46:51	4.340e+02	3.994e+02	1.09	y	n	0.686
149	6	PCB-170	47:46	5.286e+03	5.070e+03	1.04	y	n	0.478
150	6	PCB-190	48:17	1.617e+03	1.601e+03	1.01	y	n	0.672
151	6	PCB-189	50:51	2.870e+02	2.463e+02	1.17	y	n	0.912
152	6	PCB-202	43:46	6.563e+02	7.263e+02	0.90	y	n	0.869
153	6	PCB-201	44:41	5.065e+02	5.984e+02	0.85	y	n	0.943
154	6	PCB-204	NotFnd	*	*	*	n	n	0.942
155	6	PCB-197	45:33	1.202e+02	1.700e+02	0.71	n	n	0.918
156	6	PCB-200	45:41	4.898e+02	5.774e+02	0.85	y	n	0.930
157	6	PCB-198/199	48:28	3.052e+03	3.392e+03	0.90	y	n	0.627
158	6	PCB-196	49:06	1.492e+03	1.752e+03	0.85	y	n	0.638
159	6	PCB-203	49:18	2.079e+03	2.297e+03	0.91	y	n	0.683
160	6	PCB-195	50:37	1.093e+03	1.283e+03	0.85	y	n	0.610
161	6	PCB-194	52:56	2.853e+03	3.289e+03	0.87	y	n	0.629
162	6	PCB-205	53:24	2.179e+02	2.320e+02	0.94	y	n	0.933
163	6	PCB-208	50:22	2.245e+02	2.924e+02	0.77	y	n	0.915
164	6	PCB-207	51:17	1.567e+02	1.901e+02	0.82	y	n	1.154

165	7	PCB-206	55:07	7.514e+02	9.766e+02	0.77	y	n	0.937
166	7	PCB-209	56:42	3.581e+02	2.657e+02	1.35	n	n	0.925
167	1	PCB-11L	12:58	1.461e+04	4.670e+03	3.13	y	n	1.162
168	1	PCB-3L	15:11	1.484e+04	4.539e+03	3.27	y	n	1.187
169	1	PCB-4L	15:26	9.616e+03	6.336e+03	1.52	y	n	0.907
170	2	PCB-15L	21:20	1.108e+04	6.717e+03	1.65	y	n	1.030
171	2	PCB-19L	18:39	4.725e+03	4.377e+03	1.08	y	n	0.615
172	3	PCB-37L	28:20	1.109e+04	1.046e+04	1.06	y	n	1.320
173	2	PCB-54L	21:39	8.131e+03	1.027e+04	0.79	y	n	1.261
174	4	PCB-81L	35:02	8.675e+03	1.087e+04	0.80	y	n	1.088
175	4	PCB-77L	35:37	9.310e+03	1.127e+04	0.83	y	n	1.091
176	3	PCB-104L	27:04	1.365e+04	8.732e+03	1.56	y	n	1.480
177	5	PCB-123L	37:34	1.246e+04	7.735e+03	1.61	y	n	1.214
178	5	PCB-118L	37:53	1.245e+04	7.704e+03	1.62	y	n	1.246
179	5	PCB-114L	38:24	1.237e+04	7.461e+03	1.66	y	n	1.236
180	5	PCB-105L	39:04	1.283e+04	7.891e+03	1.63	y	n	1.197
181	5	PCB-126L	42:08	1.269e+04	7.962e+03	1.59	y	n	1.105
182	4	PCB-155L	32:41	1.366e+04	1.104e+04	1.24	y	n	1.599
183	6	PCB-167L	43:58	8.291e+03	6.489e+03	1.28	y	n	1.051
184	6	PCB-156/157L	45:08	1.610e+04	1.239e+04	1.30	y	n	0.962
185	6	PCB-169L	48:21	7.052e+03	5.494e+03	1.28	y	n	0.886
186	5	PCB-188L	38:23	1.140e+04	1.089e+04	1.05	y	n	2.483
187	6	PCB-189L	50:50	6.209e+03	6.034e+03	1.03	y	n	1.503
188	6	PCB-202L	43:44	7.504e+03	8.266e+03	0.91	y	n	1.757
189	6	PCB-205L	53:23	5.916e+03	6.778e+03	0.87	y	n	1.317
190	6	PCB-208L	50:20	6.353e+03	8.206e+03	0.77	y	n	1.446
191	7	PCB-206L	55:06	3.540e+03	4.537e+03	0.78	y	n	1.176
192	7	PCB-209L	56:41	5.154e+03	4.349e+03	1.19	y	n	1.606
193	3	PCB-28L	24:19	1.247e+04	1.155e+04	1.08	y	n	1.538
194	4	PCB-111L	35:36	1.201e+04	7.698e+03	1.56	y	n	1.238
195	5	PCB-178L	41:26	7.710e+03	7.506e+03	1.03	y	n	0.895
196	2	PCB-9L	17:39	1.436e+04	8.948e+03	1.60	y	n	-
197	3	PCB-52L	26:09	8.617e+03	1.105e+04	0.78	y	n	-
198	4	PCB-101L	32:56	1.242e+04	7.875e+03	1.58	y	n	-
199	5	PCB-138L	40:58	1.470e+04	1.145e+04	1.28	y	n	-
200	6	PCB-194L	52:55	5.722e+03	6.336e+03	0.90	y	n	-

-- Sample Calculation--

$$3.082e^2$$

$$PCB-209 = \frac{(3.581e+02 + 2.657e+02) \times 10000 \text{ pg} \times 1}{(5.154e+03 + 4.349e+03) \times (5.232 \text{ g}) \times \left(\frac{100}{100}\right) \times 0.9245} = 124.8 \text{ ng/kg}$$

$$A1 = A2 * 1.16 = 2.657e^2 * 1.16 = 8.082e^2$$

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01/19/11

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spl66respa
 02/2009

Run #13 Filename U224765#1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 20:14:10

Processed: 17-JAN-11 16:15:10 LAB. ID: K1013433-013

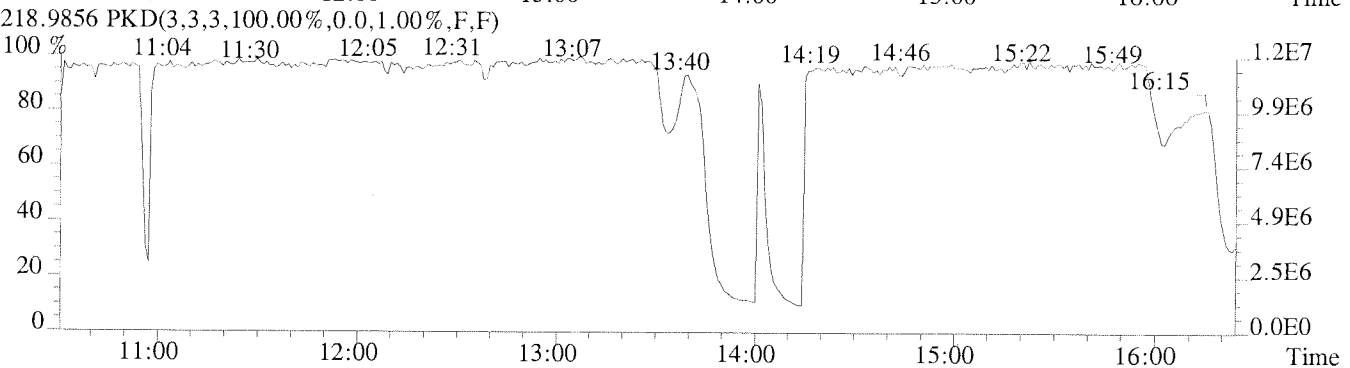
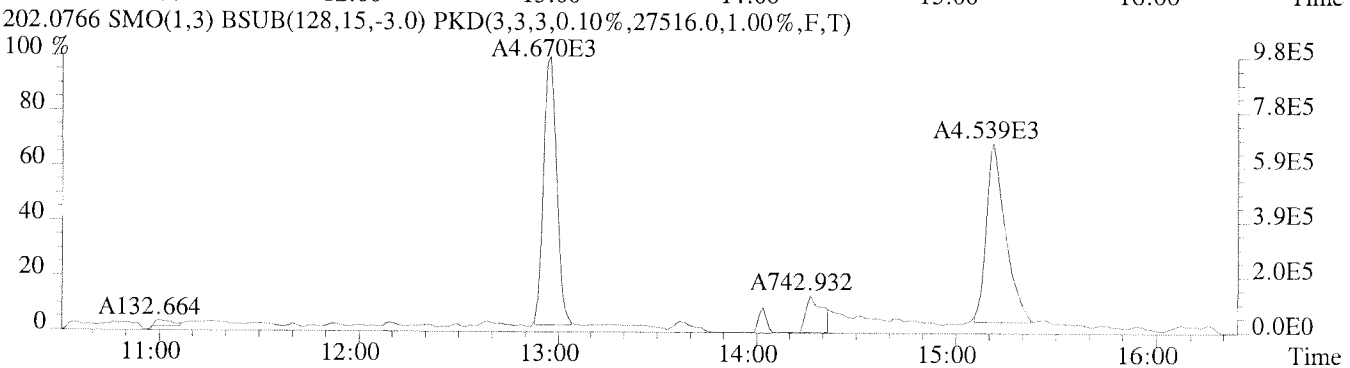
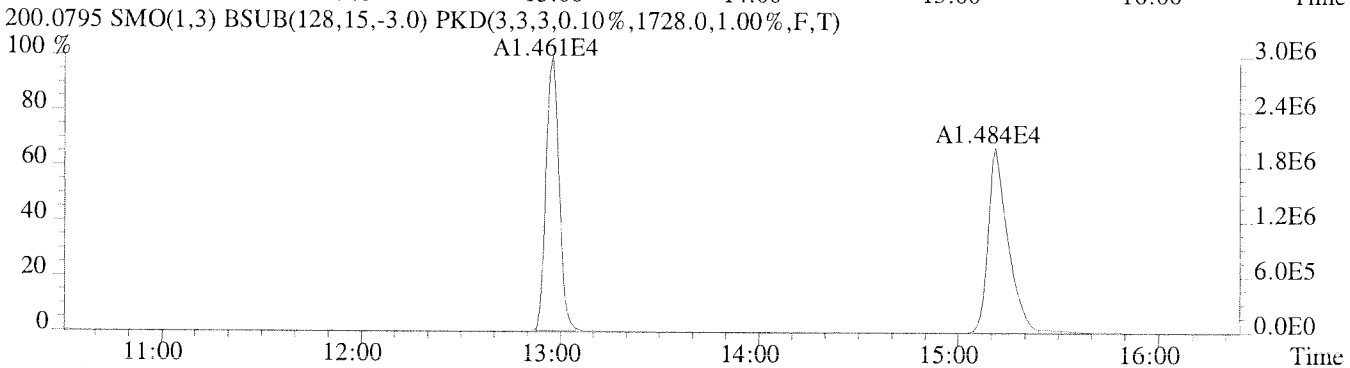
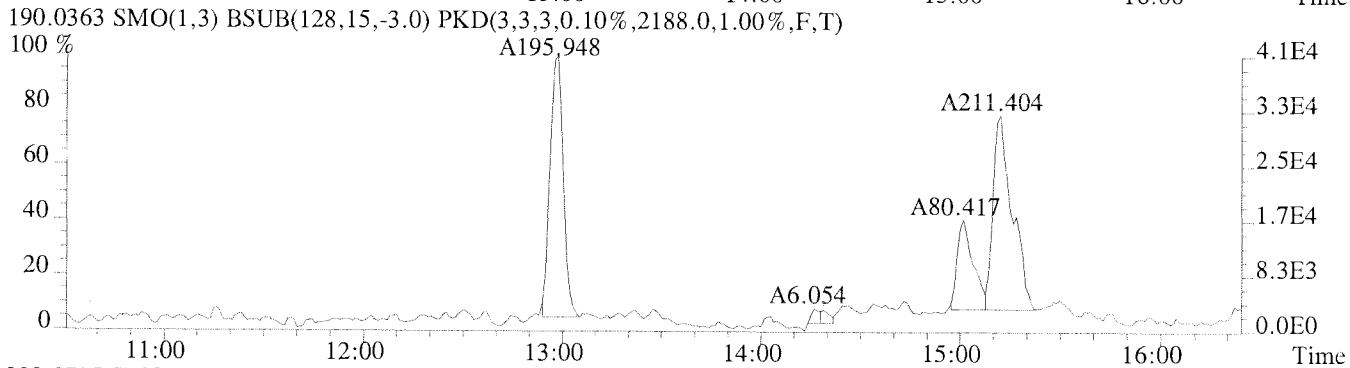
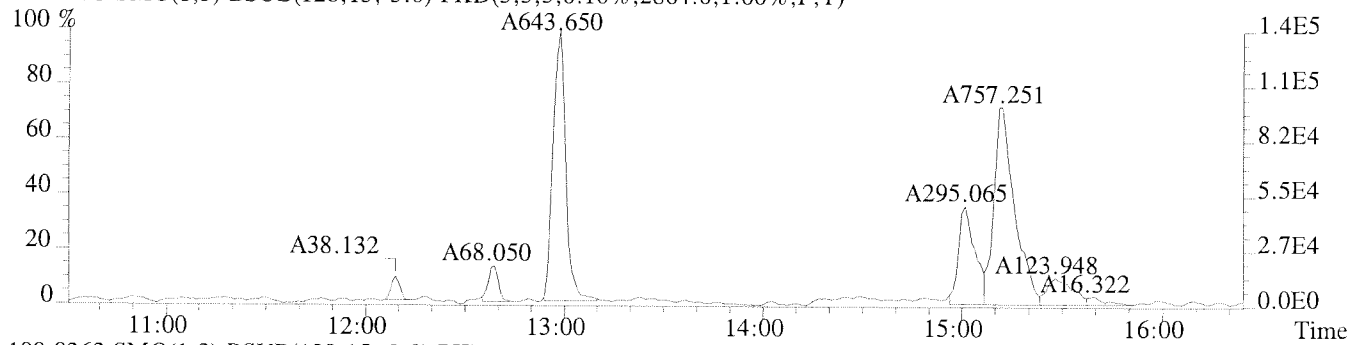
	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	1.34e+05	2.86e+03	4.7e+01	3.94e+04	2.19e+03	1.8e+01
2	PCB-2	4.85e+04	2.86e+03	1.7e+01	1.35e+04	2.19e+03	6.2e+00
3	PCB-3	9.76e+04	2.86e+03	3.4e+01	2.93e+04	2.19e+03	1.3e+01
4	PCB-4	*	1.20e+04	*	*	5.68e+04	*
5	PCB-10	*	1.20e+04	*	*	5.68e+04	*
6	PCB-9	*	1.34e+04	*	*	3.42e+04	*
7	PCB-7	*	1.34e+04	*	*	3.42e+04	*
8	PCB-6	2.83e+05	1.34e+04	2.1e+01	2.22e+05	3.42e+04	6.5e+00
9	PCB-5	*	1.34e+04	*	*	3.42e+04	*
10	PCB-8	1.28e+06	1.34e+04	9.6e+01	8.23e+05	3.42e+04	2.4e+01
11	PCB-14	*	1.34e+04	*	*	3.42e+04	*
12	PCB-11	1.08e+06	1.34e+04	8.0e+01	6.68e+05	3.42e+04	2.0e+01
13	PCB-12/13	1.43e+05	1.34e+04	1.1e+01	1.07e+05	3.42e+04	3.1e+00
14	PCB-15	1.17e+06	1.34e+04	8.7e+01	7.33e+05	3.42e+04	2.1e+01
15	PCB-19	4.42e+04	7.37e+03	6.0e+00	4.45e+04	2.41e+03	1.8e+01
16	PCB-18/30	8.01e+05	7.37e+03	1.1e+02	7.76e+05	2.41e+03	3.2e+02
17	PCB-17	2.83e+05	7.37e+03	3.8e+01	2.80e+05	2.41e+03	1.2e+02
18	PCB-27	5.86e+04	7.37e+03	8.0e+00	6.68e+04	2.41e+03	2.8e+01
19	PCB-24	*	7.37e+03	*	*	2.41e+03	*
20	PCB-16	2.33e+05	7.37e+03	3.2e+01	2.15e+05	2.41e+03	8.9e+01
21	PCB-32	3.57e+05	7.37e+03	4.8e+01	3.68e+05	2.41e+03	1.5e+02
22	PCB-34	*	7.30e+03	*	*	4.56e+03	*
23	PCB-23	*	7.30e+03	*	*	4.56e+03	*
24	PCB-26/29	4.14e+05	7.30e+03	5.7e+01	3.95e+05	4.56e+03	8.7e+01
25	PCB-25	1.79e+05	7.30e+03	2.5e+01	1.90e+05	4.56e+03	4.2e+01
26	PCB-31	3.05e+06	7.30e+03	4.2e+02	2.98e+06	4.56e+03	6.6e+02
27	PCB-20/28	3.29e+06	7.30e+03	4.5e+02	3.24e+06	4.56e+03	7.1e+02
28	PCB-21/33	1.47e+06	7.30e+03	2.0e+02	1.42e+06	4.56e+03	3.1e+02
29	PCB-22	1.19e+06	7.30e+03	1.6e+02	1.16e+06	4.56e+03	2.6e+02
30	PCB-36	*	7.30e+03	*	*	4.56e+03	*
31	PCB-39	*	7.30e+03	*	*	4.56e+03	*
32	PCB-38	*	7.30e+03	*	*	4.56e+03	*
33	PCB-35	1.45e+05	7.30e+03	2.0e+01	1.42e+05	4.56e+03	3.1e+01
34	PCB-37	1.41e+06	7.30e+03	1.9e+02	1.37e+06	4.56e+03	3.0e+02
35	PCB-54	*	1.30e+03	*	*	1.50e+03	*
36	PCB-50/53	1.49e+05	1.50e+03	9.9e+01	1.88e+05	1.44e+03	1.3e+02
37	PCB-45/51	1.32e+05	1.50e+03	8.8e+01	1.83e+05	1.44e+03	1.3e+02
38	PCB-46	5.79e+04	1.50e+03	3.9e+01	8.04e+04	1.44e+03	5.6e+01
39	PCB-52	1.47e+06	1.50e+03	9.8e+02	1.93e+06	1.44e+03	1.3e+03
40	PCB-43/73	4.88e+04	1.50e+03	3.3e+01	6.28e+04	1.44e+03	4.4e+01
41	PCB-49/69	9.12e+05	1.50e+03	6.1e+02	1.16e+06	1.44e+03	8.0e+02
42	PCB-48	2.98e+05	1.50e+03	2.0e+02	3.81e+05	1.44e+03	2.6e+02
43	PCB-44/47/65	1.36e+06	1.50e+03	9.1e+02	1.79e+06	1.44e+03	1.2e+03
44	PCB-59/62/75	1.64e+05	1.50e+03	1.1e+02	2.08e+05	1.44e+03	1.4e+02
45	PCB-42	3.59e+05	1.50e+03	2.4e+02	4.46e+05	1.44e+03	3.1e+02
46	PCB-40/41/71	7.52e+05	1.50e+03	5.0e+02	9.71e+05	1.44e+03	6.7e+02
47	PCB-64	1.11e+06	1.50e+03	7.4e+02	1.42e+06	1.44e+03	9.8e+02

48	PCB-72	*	1.50e+03	*	*	1.44e+03	*
49	PCB-68	*	1.50e+03	*	*	1.44e+03	*
50	PCB-57	*	1.50e+03	*	*	1.44e+03	*
51	PCB-58	*	1.50e+03	*	*	1.44e+03	*
52	PCB-67	6.48e+04	1.50e+03	4.3e+01	1.00e+05	1.44e+03	6.9e+01
53	PCB-63	1.19e+05	1.50e+03	7.9e+01	1.70e+05	1.44e+03	1.2e+02
54	PCB-61/70/74/76	3.80e+06	1.50e+03	2.5e+03	4.93e+06	1.44e+03	3.4e+03
55	PCB-66	2.88e+06	1.50e+03	1.9e+03	3.74e+06	1.44e+03	2.6e+03
56	PCB-55	1.35e+05	1.50e+03	9.0e+01	1.94e+05	1.44e+03	1.3e+02
57	PCB-56	1.53e+06	1.19e+04	1.3e+02	1.93e+06	1.42e+04	1.4e+02
58	PCB-60	1.07e+06	1.19e+04	9.0e+01	1.37e+06	1.42e+04	9.6e+01
59	PCB-80	*	1.19e+04	*	*	1.42e+04	*
60	PCB-79	4.75e+04	1.19e+04	4.0e+00	5.73e+04	1.42e+04	4.0e+00
61	PCB-78	*	1.19e+04	*	*	1.42e+04	*
62	PCB-81	*	1.19e+04	*	*	1.42e+04	*
63	PCB-77	6.45e+05	1.19e+04	5.4e+01	8.13e+05	1.42e+04	5.7e+01
64	PCB-104	*	1.08e+03	*	*	1.58e+03	*
65	PCB-96	2.63e+04	1.08e+03	2.4e+01	1.85e+04	1.58e+03	1.2e+01
66	PCB-103	1.49e+04	1.08e+03	1.4e+01	7.03e+03	1.58e+03	4.5e+00
67	PCB-94	1.09e+04	1.08e+03	1.0e+01	7.54e+03	1.58e+03	4.8e+00
68	PCB-95	1.53e+06	1.08e+03	1.4e+03	1.02e+06	1.58e+03	6.5e+02
69	PCB-93/100	2.57e+04	1.08e+03	2.4e+01	1.68e+04	1.58e+03	1.1e+01
70	PCB-98/102	9.00e+04	1.08e+03	8.3e+01	5.98e+04	1.58e+03	3.8e+01
71	PCB-88/91	2.88e+05	1.08e+03	2.7e+02	1.93e+05	1.58e+03	1.2e+02
72	PCB-84	5.37e+05	1.08e+03	5.0e+02	3.42e+05	1.58e+03	2.2e+02
73	PCB-89	4.29e+04	1.08e+03	4.0e+01	2.62e+04	1.58e+03	1.7e+01
74	PCB-121	*	3.79e+03	*	*	3.86e+03	*
75	PCB-92	3.27e+05	3.79e+03	8.6e+01	2.16e+05	3.86e+03	5.6e+01
76	PCB-90/101/113	2.63e+06	3.79e+03	6.9e+02	1.69e+06	3.86e+03	4.4e+02
77	PCB-83/99	1.15e+06	3.79e+03	3.0e+02	7.34e+05	3.86e+03	1.9e+02
78	PCB-112	*	3.79e+03	*	*	3.86e+03	*
79	PCB-86/87/97/109/119/125	1.07e+06	3.79e+03	2.8e+02	6.97e+05	3.86e+03	1.8e+02
80	PCB-117	1.06e+05	3.79e+03	2.8e+01	7.21e+04	3.86e+03	1.9e+01
81	PCB-85/116	5.70e+05	3.79e+03	1.5e+02	3.50e+05	3.86e+03	9.1e+01
82	PCB-110/115	3.97e+06	3.79e+03	1.0e+03	2.57e+06	3.86e+03	6.7e+02
83	PCB-82	2.59e+05	3.79e+03	6.8e+01	1.63e+05	3.86e+03	4.2e+01
84	PCB-111	*	3.79e+03	*	*	3.86e+03	*
85	PCB-120	1.69e+04	3.79e+03	4.5e+00	1.01e+04	3.86e+03	2.6e+00
86	PCB-108/124	1.81e+05	4.28e+03	4.2e+01	1.18e+05	2.80e+03	4.2e+01
87	PCB-107	3.74e+05	4.28e+03	8.7e+01	2.21e+05	2.80e+03	7.9e+01
88	PCB-123	1.22e+05	4.28e+03	2.9e+01	7.71e+04	2.80e+03	2.8e+01
89	PCB-106	*	4.28e+03	*	*	2.80e+03	*
90	PCB-118	4.56e+06	4.28e+03	1.1e+03	2.94e+06	2.80e+03	1.0e+03
91	PCB-122	7.28e+04	4.28e+03	1.7e+01	4.47e+04	2.80e+03	1.6e+01
92	PCB-114	1.59e+05	4.28e+03	3.7e+01	1.00e+05	2.80e+03	3.6e+01
93	PCB-105	2.68e+06	4.28e+03	6.3e+02	1.69e+06	2.80e+03	6.1e+02
94	PCB-127	*	4.28e+03	*	*	2.80e+03	*
95	PCB-126	6.20e+04	4.28e+03	1.4e+01	4.21e+04	2.80e+03	1.5e+01
96	PCB-155	*	1.98e+03	*	*	1.94e+03	*
97	PCB-152	*	1.98e+03	*	*	1.94e+03	*
98	PCB-150	*	1.98e+03	*	*	1.94e+03	*
99	PCB-136	5.64e+05	1.98e+03	2.9e+02	4.72e+05	1.94e+03	2.4e+02
100	PCB-145	*	1.98e+03	*	*	1.94e+03	*
101	PCB-148	*	1.98e+03	*	*	1.94e+03	*
102	PCB-135/151	9.95e+05	1.98e+03	5.0e+02	8.36e+05	1.94e+03	4.3e+02
103	PCB-154	4.12e+04	1.98e+03	2.1e+01	3.26e+04	1.94e+03	1.7e+01
104	PCB-144	2.15e+05	1.98e+03	1.1e+02	1.77e+05	1.94e+03	9.2e+01

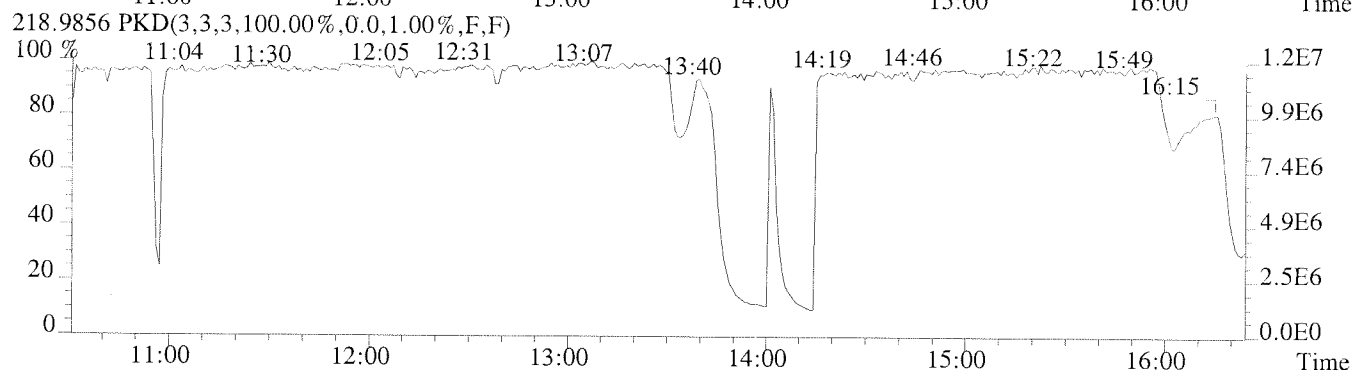
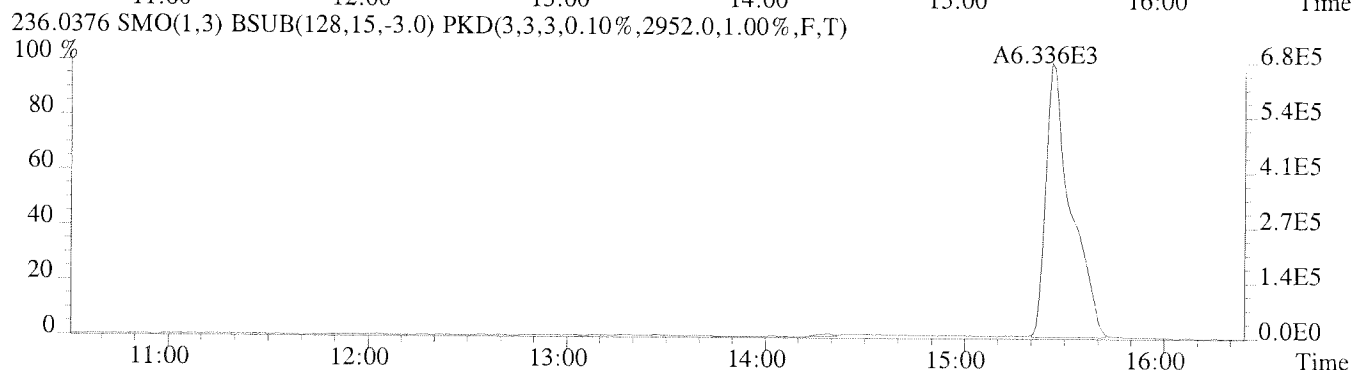
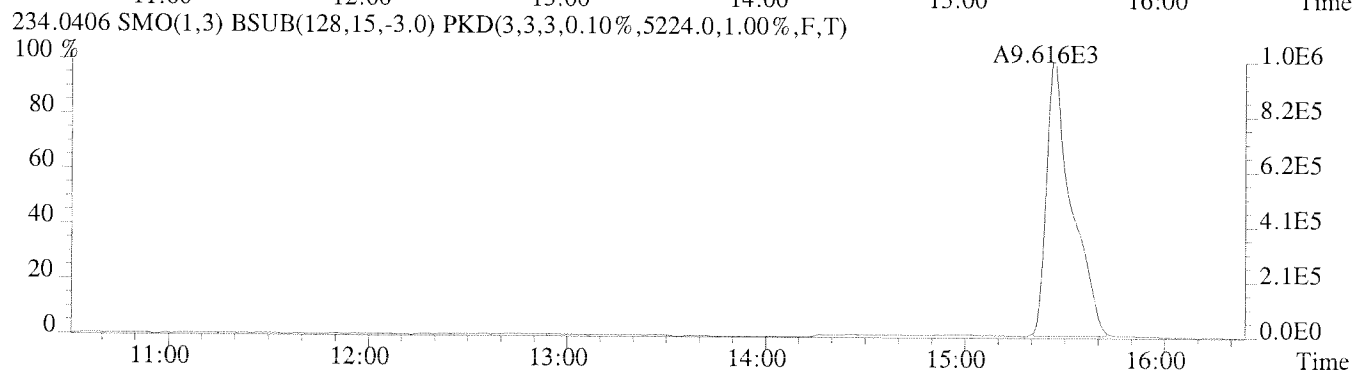
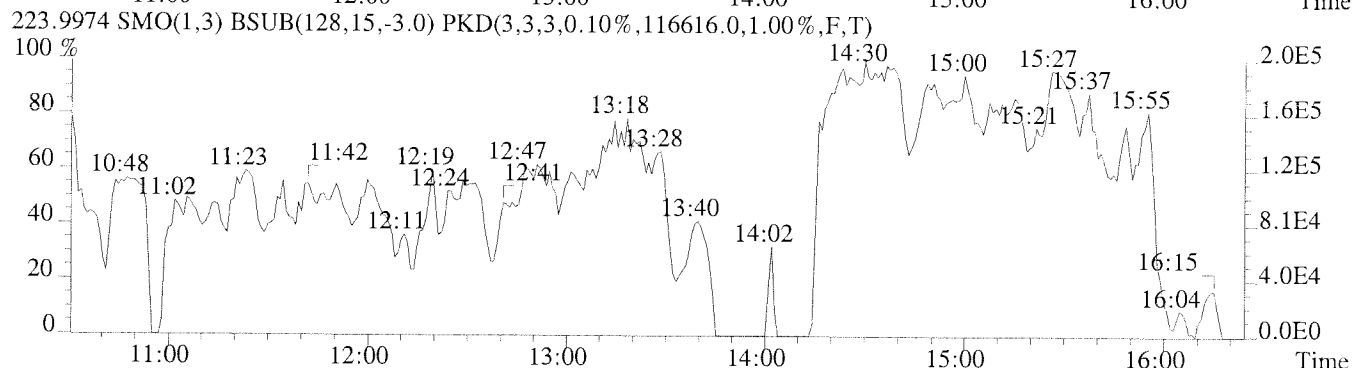
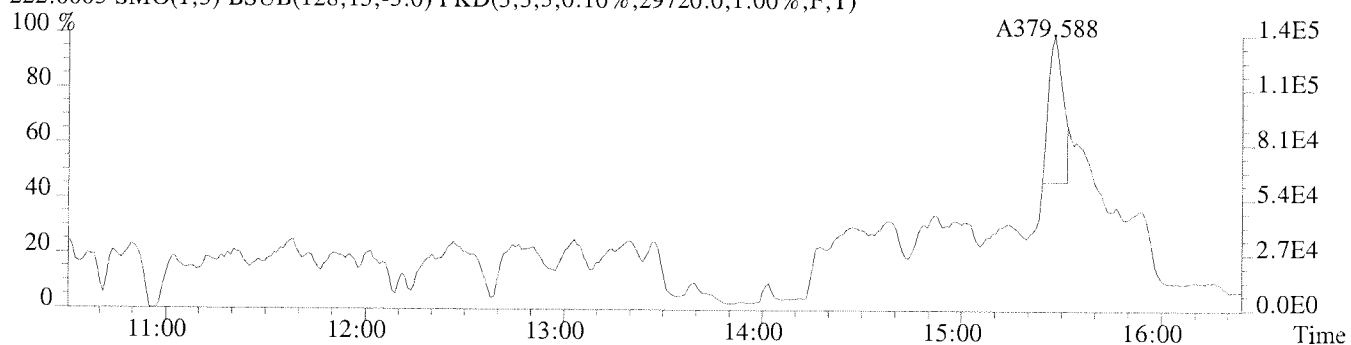
105	PCB-147/149	3.17e+06	2.58e+03	1.2e+03	2.57e+06	1.91e+03	1.3e+03
106	PCB-134	1.32e+05	2.58e+03	5.1e+01	1.05e+05	1.91e+03	5.5e+01
107	PCB-143	*	2.58e+03	*	*	1.91e+03	*
108	PCB-139/140	3.62e+04	2.58e+03	1.4e+01	2.96e+04	1.91e+03	1.5e+01
109	PCB-131	3.28e+04	2.58e+03	1.3e+01	2.85e+04	1.91e+03	1.5e+01
110	PCB-142	*	2.58e+03	*	*	1.91e+03	*
111	PCB-132	9.47e+05	2.58e+03	3.7e+02	7.99e+05	1.91e+03	4.2e+02
112	PCB-133	4.14e+04	2.58e+03	1.6e+01	3.49e+04	1.91e+03	1.8e+01
113	PCB-165	*	2.58e+03	*	*	1.91e+03	*
114	PCB-146	6.72e+05	2.58e+03	2.6e+02	5.42e+05	1.91e+03	2.8e+02
115	PCB-161	*	2.58e+03	*	*	1.91e+03	*
116	PCB-153/168	5.02e+06	2.58e+03	1.9e+03	4.00e+06	1.91e+03	2.1e+03
117	PCB-141	9.07e+05	2.58e+03	3.5e+02	7.12e+05	1.91e+03	3.7e+02
118	PCB-130	1.92e+05	2.58e+03	7.4e+01	1.55e+05	1.91e+03	8.1e+01
119	PCB-137	1.08e+05	2.58e+03	4.2e+01	9.56e+04	1.91e+03	5.0e+01
120	PCB-164	3.53e+05	2.58e+03	1.4e+02	2.98e+05	1.91e+03	1.6e+02
121	PCB-129/138/163	4.98e+06	2.58e+03	1.9e+03	3.95e+06	1.91e+03	2.1e+03
122	PCB-160	*	2.58e+03	*	*	1.91e+03	*
123	PCB-158	5.91e+05	2.58e+03	2.3e+02	4.77e+05	1.91e+03	2.5e+02
124	PCB-128/166	5.20e+05	2.58e+03	2.0e+02	4.42e+05	1.91e+03	2.3e+02
125	PCB-159	1.19e+05	1.46e+03	8.2e+01	1.02e+05	1.48e+03	6.9e+01
126	PCB-162	2.02e+04	1.46e+03	1.4e+01	1.69e+04	1.48e+03	1.1e+01
127	PCB-167	2.25e+05	1.46e+03	1.5e+02	1.99e+05	1.48e+03	1.3e+02
128	PCB-156/157	5.07e+05	1.46e+03	3.5e+02	4.23e+05	1.48e+03	2.9e+02
129	PCB-169	*	1.46e+03	*	*	1.48e+03	*
130	PCB-188	4.92e+03	1.26e+03	3.9e+00	4.95e+03	6.25e+02	7.9e+00
131	PCB-179	7.94e+05	1.26e+03	6.3e+02	7.78e+05	6.25e+02	1.2e+03
132	PCB-184	4.18e+03	1.26e+03	3.3e+00	3.57e+03	6.25e+02	5.7e+00
133	PCB-176	2.39e+05	1.26e+03	1.9e+02	2.32e+05	6.25e+02	3.7e+02
134	PCB-186	*	1.26e+03	*	*	6.25e+02	*
135	PCB-178	2.73e+05	1.26e+03	2.2e+02	2.86e+05	6.25e+02	4.6e+02
136	PCB-175	7.17e+04	1.26e+03	5.7e+01	7.06e+04	6.25e+02	1.1e+02
137	PCB-187	2.08e+06	1.26e+03	1.6e+03	2.07e+06	6.25e+02	3.3e+03
138	PCB-182	1.39e+04	1.26e+03	1.1e+01	1.68e+04	6.25e+02	2.7e+01
139	PCB-183	8.68e+05	2.60e+03	3.3e+02	8.30e+05	4.14e+03	2.0e+02
140	PCB-185	1.73e+05	2.60e+03	6.7e+01	1.72e+05	4.14e+03	4.2e+01
141	PCB-174	1.33e+06	2.60e+03	5.1e+02	1.27e+06	4.14e+03	3.1e+02
142	PCB-177	8.71e+05	2.60e+03	3.3e+02	8.09e+05	4.14e+03	2.0e+02
143	PCB-181	*	2.60e+03	*	*	4.14e+03	*
144	PCB-171/173	3.90e+05	2.60e+03	1.5e+02	3.69e+05	4.14e+03	8.9e+01
145	PCB-172	2.28e+05	2.60e+03	8.8e+01	2.27e+05	4.14e+03	5.5e+01
146	PCB-192	*	2.60e+03	*	*	4.14e+03	*
147	PCB-180/193	3.60e+06	2.60e+03	1.4e+03	3.37e+06	4.14e+03	8.1e+02
148	PCB-191	8.72e+04	2.60e+03	3.4e+01	7.88e+04	4.14e+03	1.9e+01
149	PCB-170	1.12e+06	2.60e+03	4.3e+02	1.07e+06	4.14e+03	2.6e+02
150	PCB-190	3.33e+05	2.60e+03	1.3e+02	3.35e+05	4.14e+03	8.1e+01
151	PCB-189	5.94e+04	2.60e+03	2.3e+01	5.23e+04	4.14e+03	1.3e+01
152	PCB-202	1.41e+05	1.29e+03	1.1e+02	1.57e+05	1.18e+03	1.3e+02
153	PCB-201	1.14e+05	1.29e+03	8.8e+01	1.26e+05	1.18e+03	1.1e+02
154	PCB-204	*	1.29e+03	*	*	1.18e+03	*
155	PCB-197	2.68e+04	1.29e+03	2.1e+01	3.94e+04	1.18e+03	3.3e+01
156	PCB-200	1.06e+05	1.29e+03	8.2e+01	1.27e+05	1.18e+03	1.1e+02
157	PCB-198/199	6.03e+05	1.29e+03	4.7e+02	6.79e+05	1.18e+03	5.7e+02
158	PCB-196	3.18e+05	1.29e+03	2.5e+02	3.79e+05	1.18e+03	3.2e+02
159	PCB-203	4.33e+05	1.29e+03	3.4e+02	4.80e+05	1.18e+03	4.1e+02
160	PCB-195	2.26e+05	1.29e+03	1.8e+02	2.67e+05	1.18e+03	2.3e+02
161	PCB-194	5.94e+05	1.29e+03	4.6e+02	6.74e+05	1.18e+03	5.7e+02
162	PCB-205	4.90e+04	1.29e+03	3.8e+01	4.55e+04	1.18e+03	3.8e+01

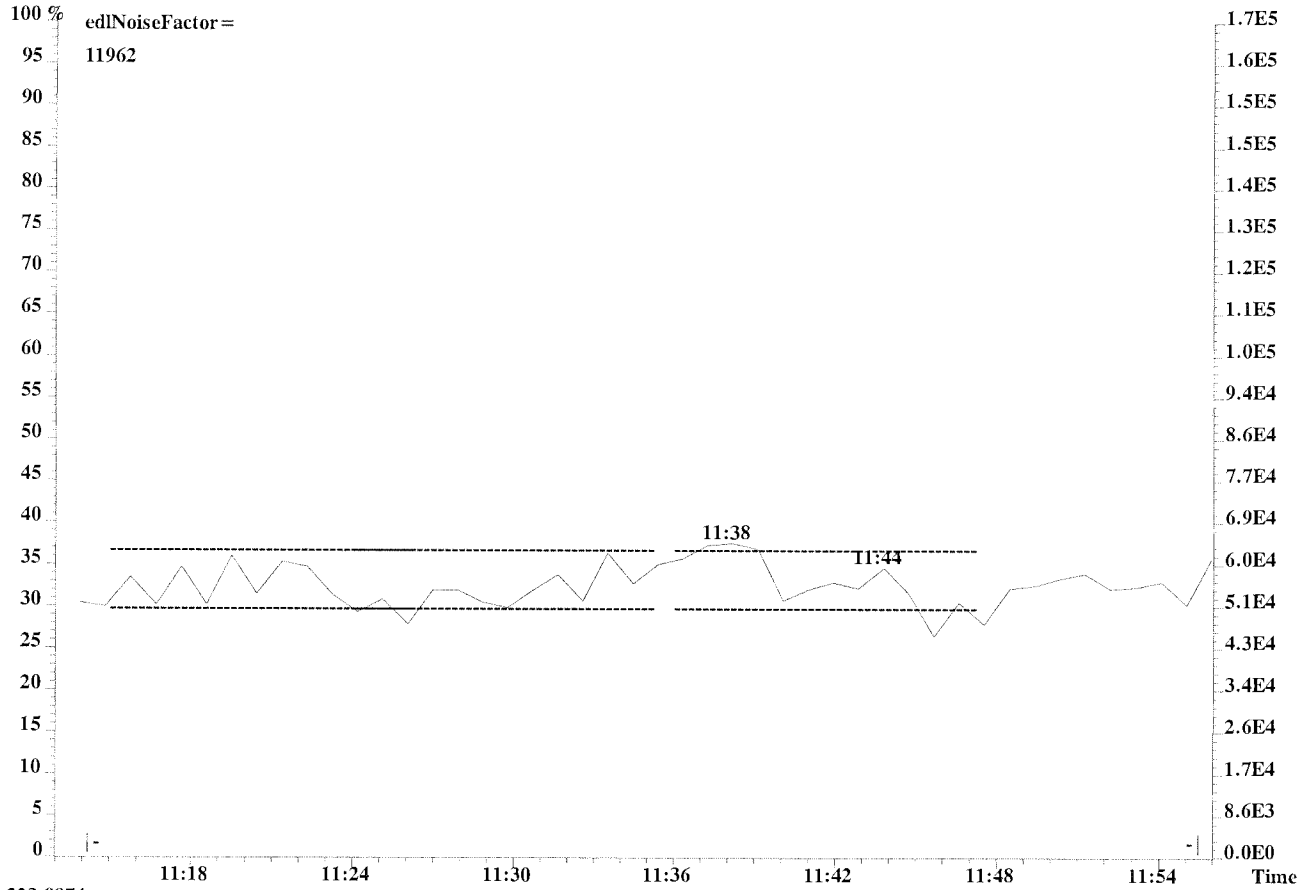
163	PCB-208	4.64e+04	1.26e+03	3.7e+01	6.02e+04	1.34e+03	4.5e+01
164	PCB-207	3.38e+04	1.26e+03	2.7e+01	3.80e+04	1.34e+03	2.8e+01
165	PCB-206	1.40e+05	1.20e+03	1.2e+02	1.83e+05	1.37e+03	1.3e+02
166	PCB-209	6.78e+04	1.19e+03	5.7e+01	5.09e+04	9.04e+02	5.6e+01
167	PCB-1L	2.99e+06	1.73e+03	1.7e+03	9.53e+05	2.75e+04	3.5e+01
168	PCB-3L	2.01e+06	1.73e+03	1.2e+03	6.34e+05	2.75e+04	2.3e+01
169	PCB-4L	1.02e+06	5.22e+03	2.0e+02	6.77e+05	2.95e+03	2.3e+02
170	PCB-15L	2.24e+06	7.23e+03	3.1e+02	1.35e+06	3.24e+03	4.2e+02
171	PCB-19L	1.19e+06	7.05e+04	1.7e+01	1.11e+06	1.09e+05	1.0e+01
172	PCB-37L	1.78e+06	2.83e+04	6.3e+01	1.63e+06	3.08e+04	5.3e+01
173	PCB-54L	1.87e+06	9.00e+03	2.1e+02	2.36e+06	1.04e+04	2.3e+02
174	PCB-81L	1.38e+06	3.18e+03	4.3e+02	1.72e+06	3.00e+03	5.7e+02
175	PCB-77L	1.49e+06	3.18e+03	4.7e+02	1.82e+06	3.00e+03	6.1e+02
176	PCB-104L	2.63e+06	1.50e+03	1.8e+03	1.68e+06	1.16e+03	1.4e+03
177	PCB-123L	2.13e+06	2.41e+03	8.9e+02	1.32e+06	2.56e+03	5.2e+02
178	PCB-118L	2.20e+06	2.41e+03	9.1e+02	1.36e+06	2.56e+03	5.3e+02
179	PCB-114L	2.15e+06	2.41e+03	8.9e+02	1.30e+06	2.56e+03	5.1e+02
180	PCB-105L	2.15e+06	2.41e+03	8.9e+02	1.33e+06	2.56e+03	5.2e+02
181	PCB-126L	1.99e+06	2.41e+03	8.3e+02	1.25e+06	2.56e+03	4.9e+02
182	PCB-155L	2.58e+06	1.94e+03	1.3e+03	2.09e+06	2.30e+03	9.1e+02
183	PCB-167L	1.80e+06	1.45e+03	1.2e+03	1.41e+06	2.36e+03	6.0e+02
184	PCB-156/157L	2.44e+06	1.45e+03	1.7e+03	1.87e+06	2.36e+03	7.9e+02
185	PCB-169L	1.33e+06	1.45e+03	9.2e+02	1.03e+06	2.36e+03	4.4e+02
186	PCB-188L	2.11e+06	9.32e+02	2.3e+03	2.03e+06	1.34e+03	1.5e+03
187	PCB-189L	1.21e+06	1.87e+03	6.5e+02	1.18e+06	1.20e+03	9.9e+02
188	PCB-202L	1.65e+06	1.44e+03	1.1e+03	1.81e+06	1.19e+03	1.5e+03
189	PCB-205L	1.23e+06	1.44e+03	8.5e+02	1.39e+06	1.19e+03	1.2e+03
190	PCB-208L	1.35e+06	1.18e+03	1.1e+03	1.75e+06	1.22e+03	1.4e+03
191	PCB-206L	6.73e+05	1.15e+03	5.9e+02	8.73e+05	1.26e+03	6.9e+02
192	PCB-209L	9.71e+05	1.32e+03	7.3e+02	8.16e+05	9.68e+02	8.4e+02
193	PCB-28L	2.26e+06	2.83e+04	8.0e+01	2.09e+06	3.08e+04	6.8e+01
194	PCB-111L	2.15e+06	1.12e+03	1.9e+03	1.37e+06	1.52e+03	9.0e+02
195	PCB-178L	1.40e+06	9.32e+02	1.5e+03	1.38e+06	1.34e+03	1.0e+03
196	PCB-9L	4.55e+06	7.23e+03	6.3e+02	2.82e+06	3.24e+03	8.7e+02
197	PCB-52L	1.64e+06	3.92e+03	4.2e+02	2.08e+06	3.19e+03	6.5e+02
198	PCB-101L	2.24e+06	1.12e+03	2.0e+03	1.41e+06	1.52e+03	9.3e+02
199	PCB-138L	2.64e+06	8.80e+02	3.0e+03	2.06e+06	1.19e+03	1.7e+03
200	PCB-194L	1.16e+06	1.44e+03	8.1e+02	1.30e+06	1.19e+03	1.1e+03

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188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2864.0,1.00%,F,T)

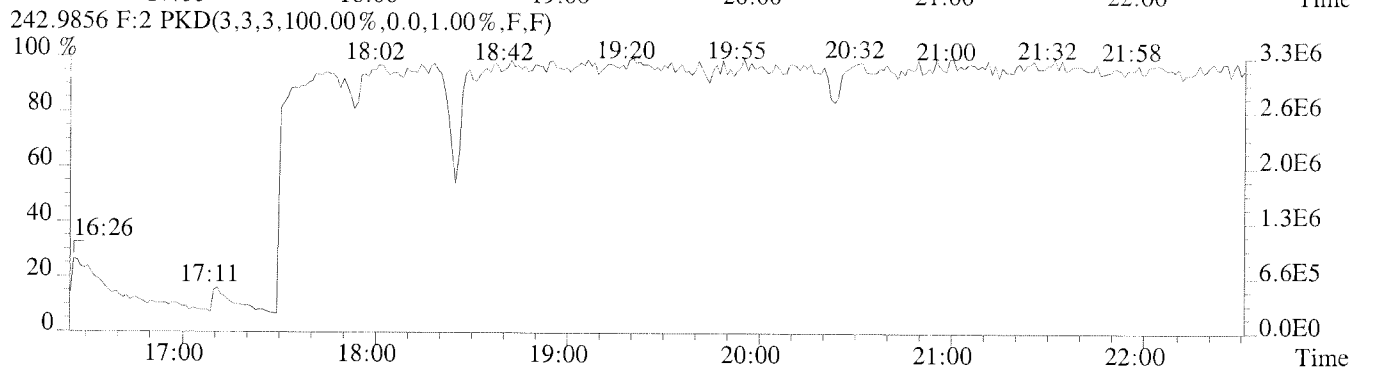
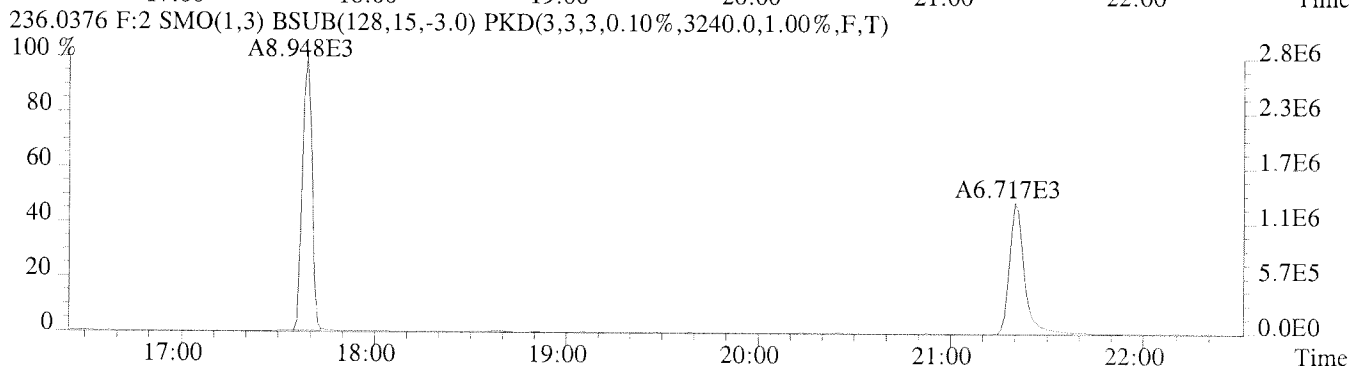
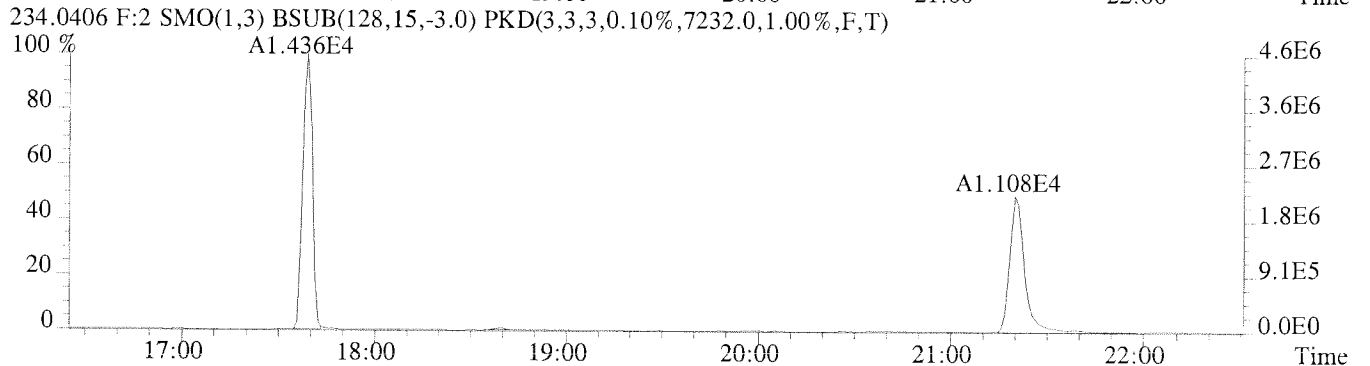
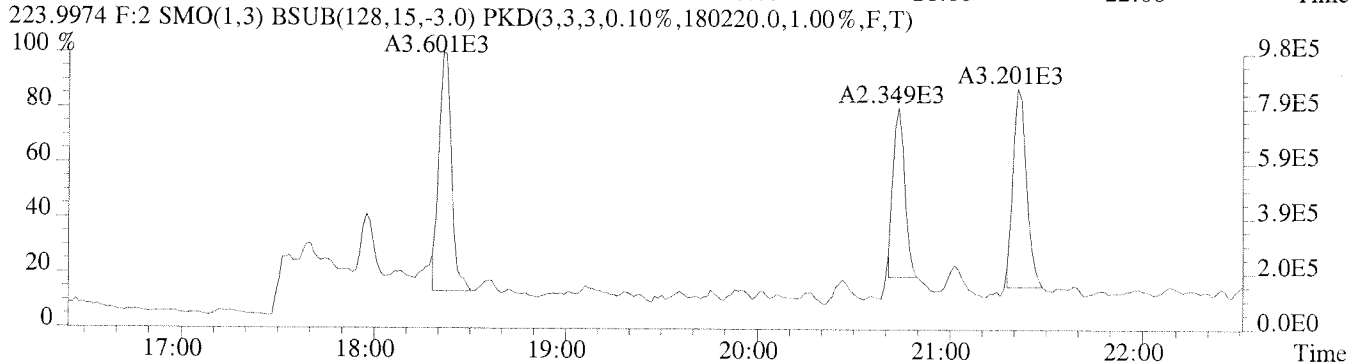
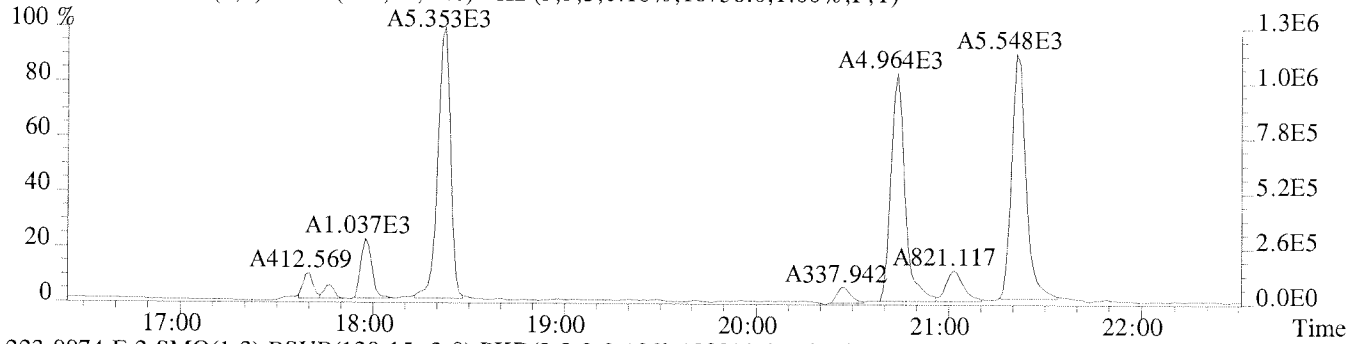


File:U224765 #1-379 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,29720.0,1.00%,F,T)

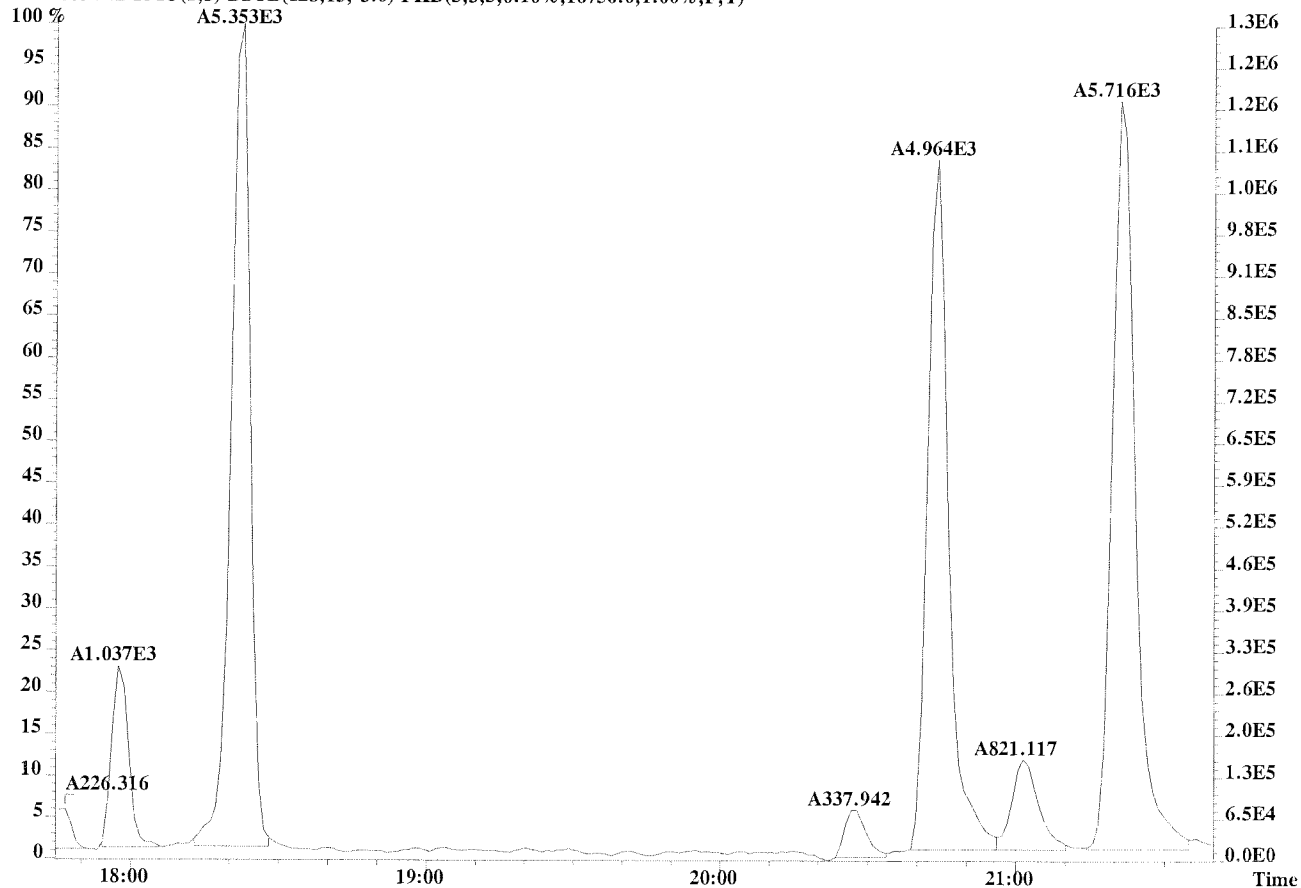




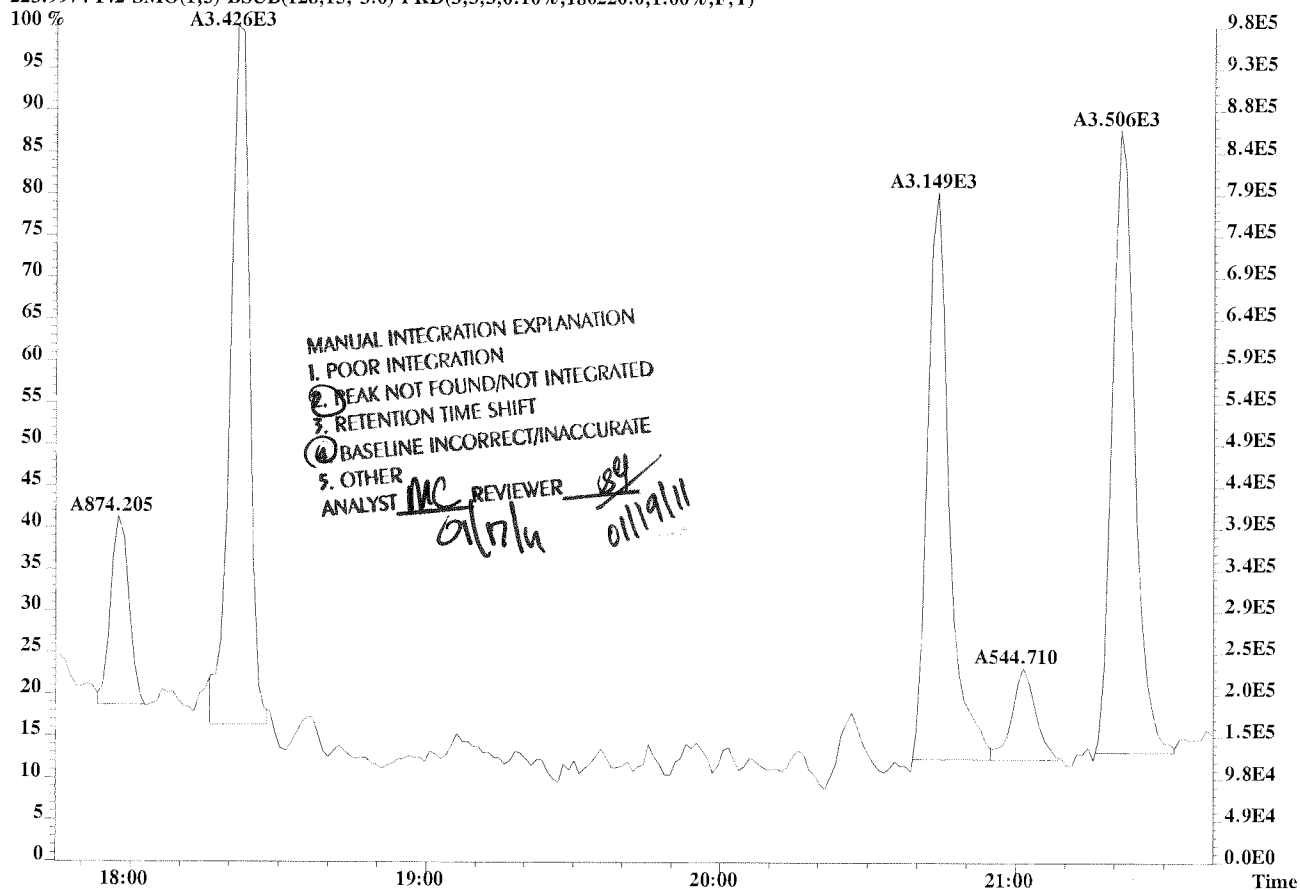
File:U224765 #1-337 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16756.0,1.00%,F,T)



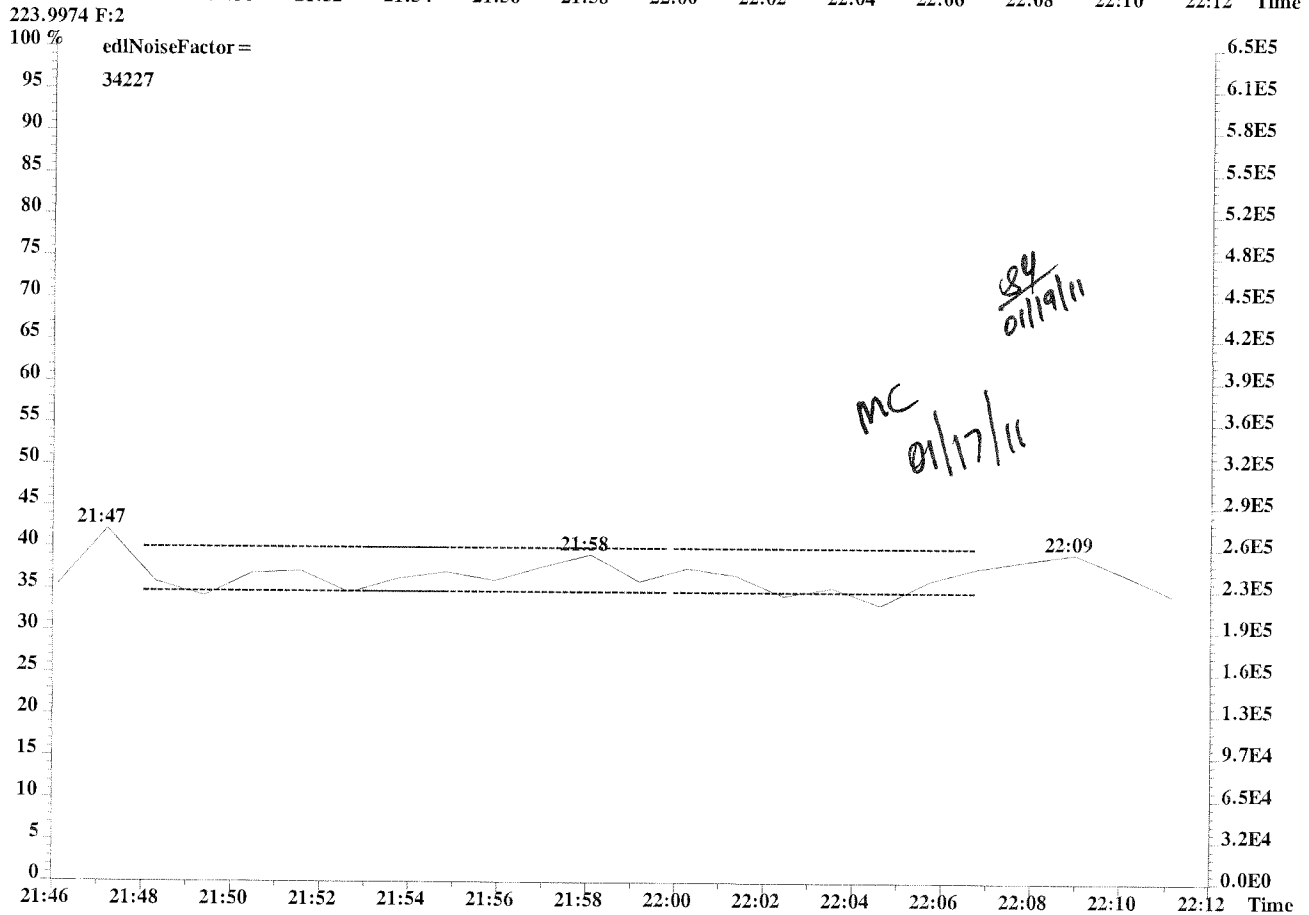
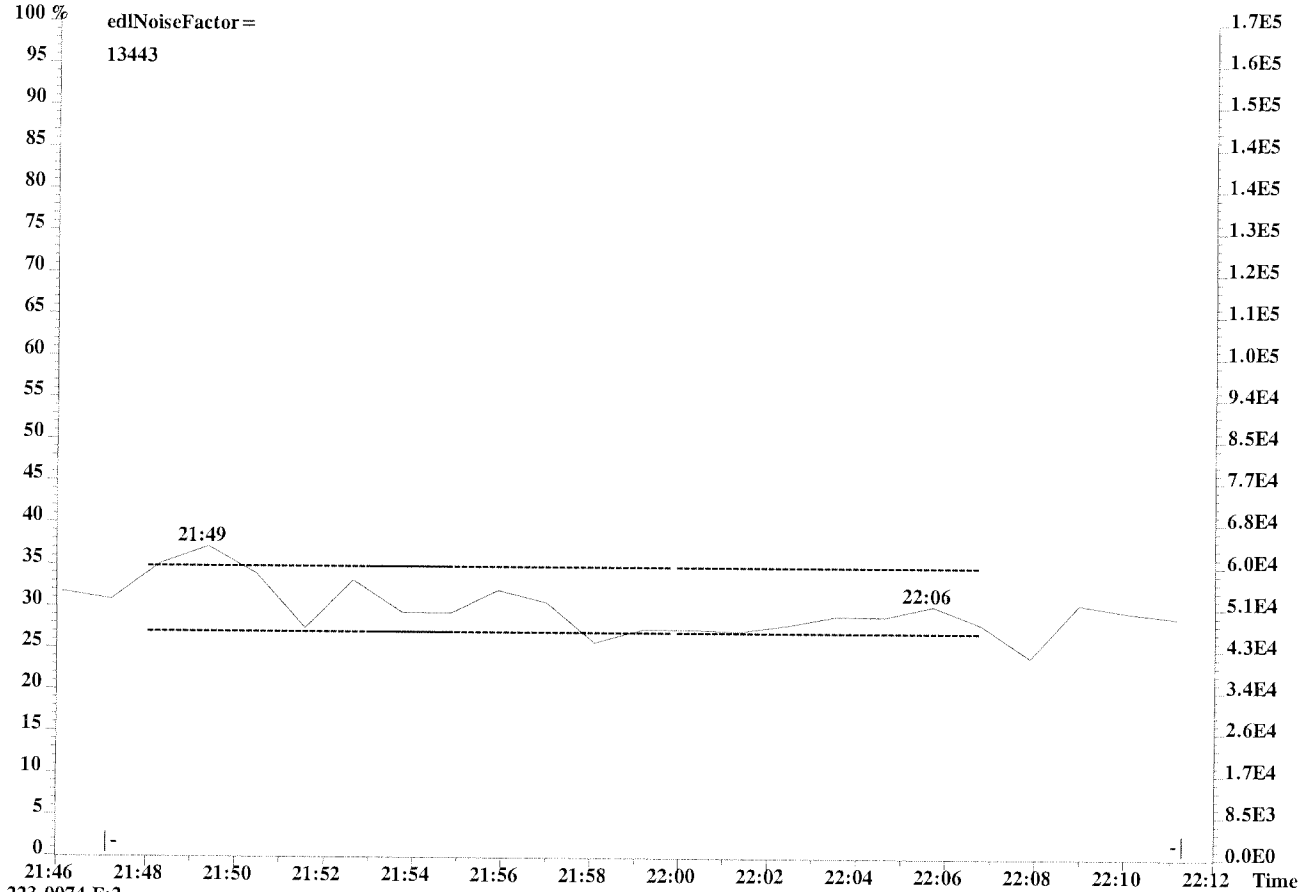
File:U224765 #1-337 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-013 USENE/W111
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16756.0,1.00%,F,T)



223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,180220.0,1.00%,F,T)

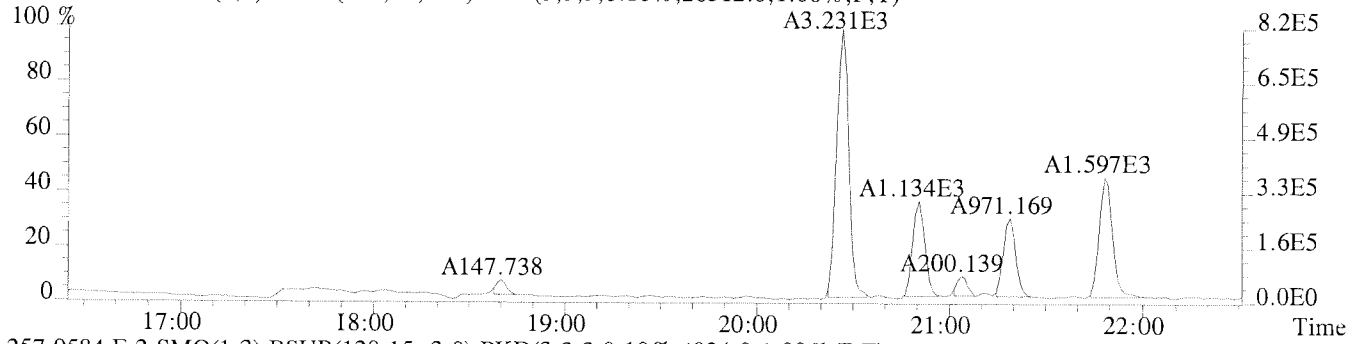


File: U224765 #1-337 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-013 USENE/WI11
222.0003 F:2

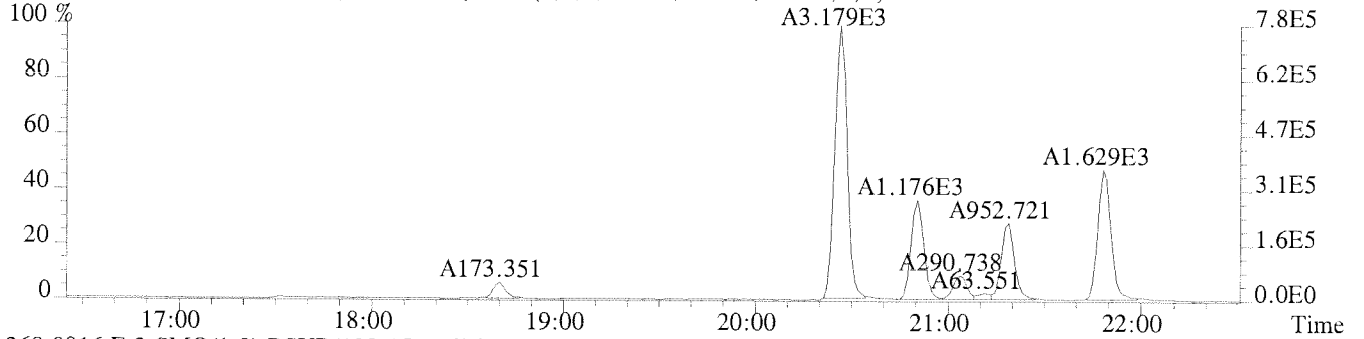


File:U224765 #1-337 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111

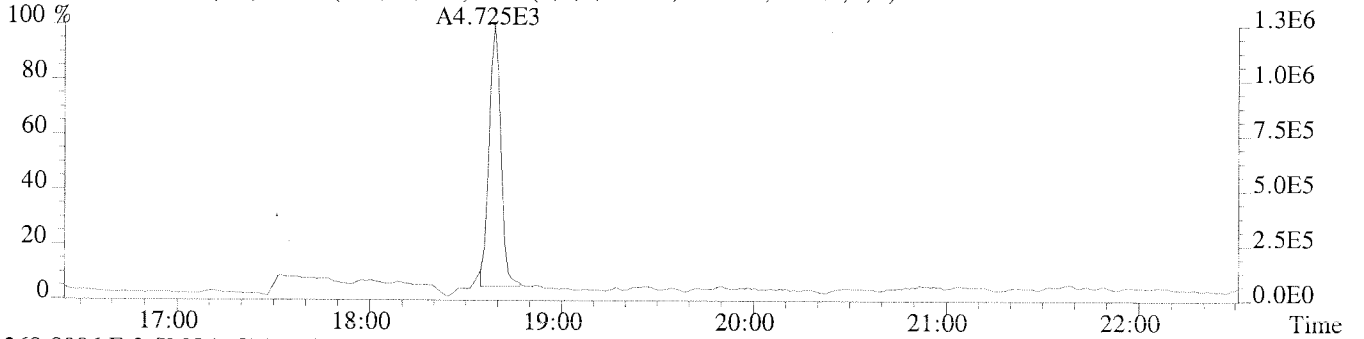
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,26512.0,1.00%,F,T)



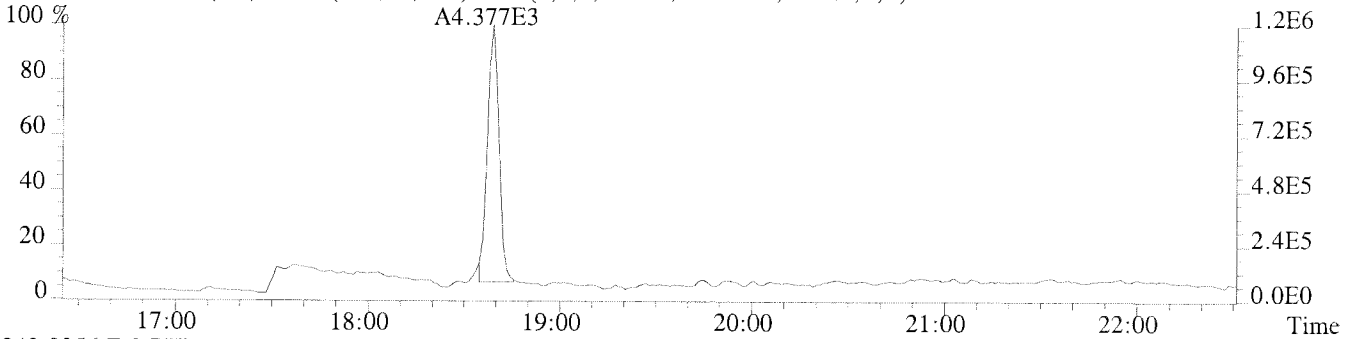
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4024.0,1.00%,F,T)



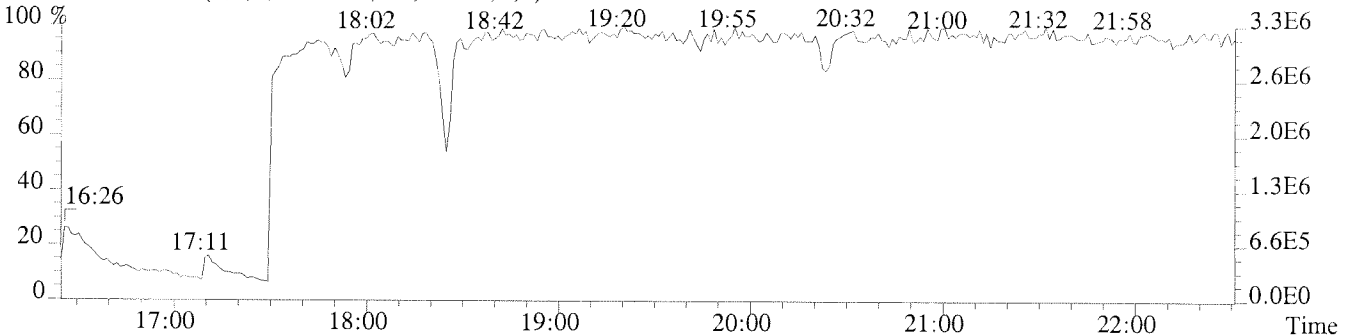
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,70464.0,1.00%,F,T)



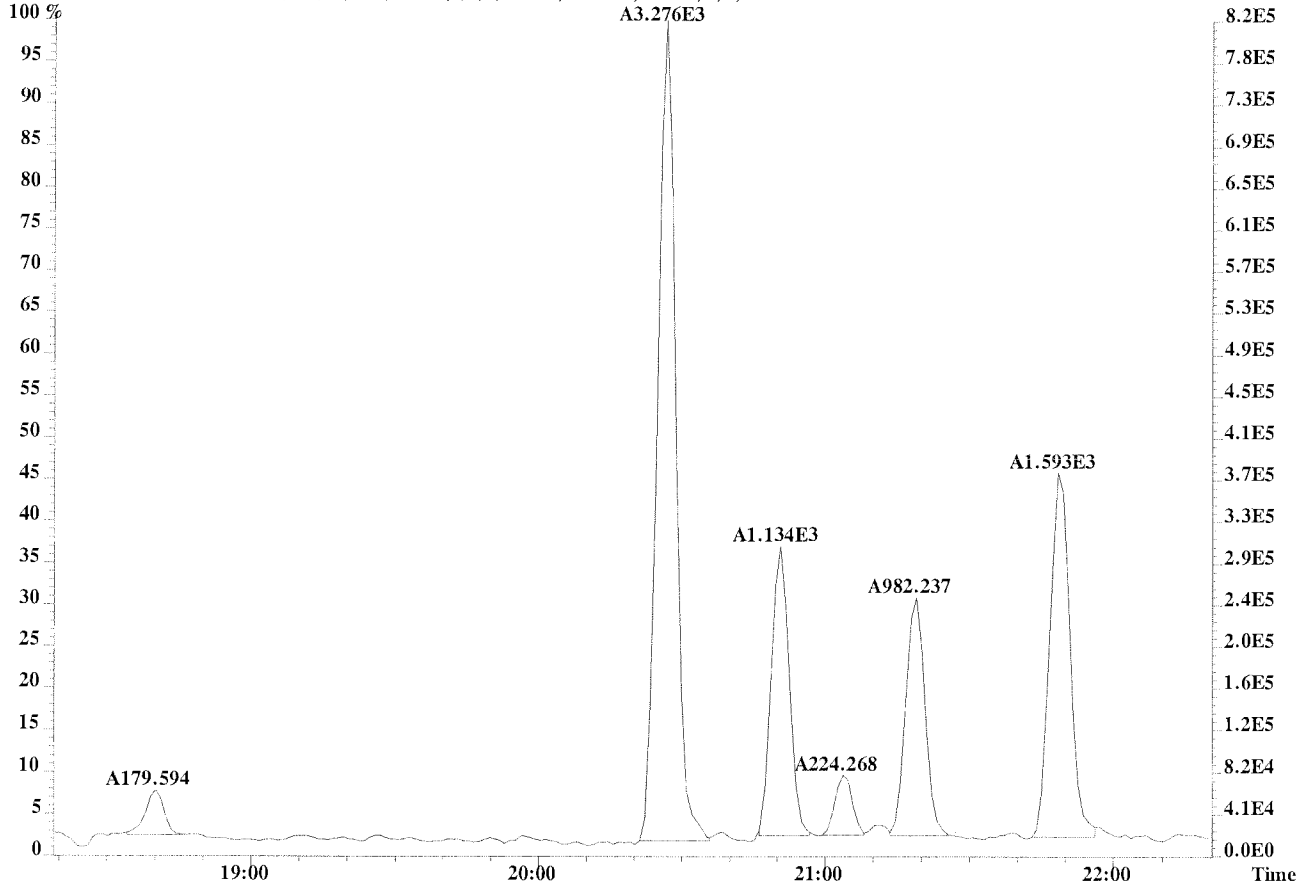
269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,109088.0,1.00%,F,T)



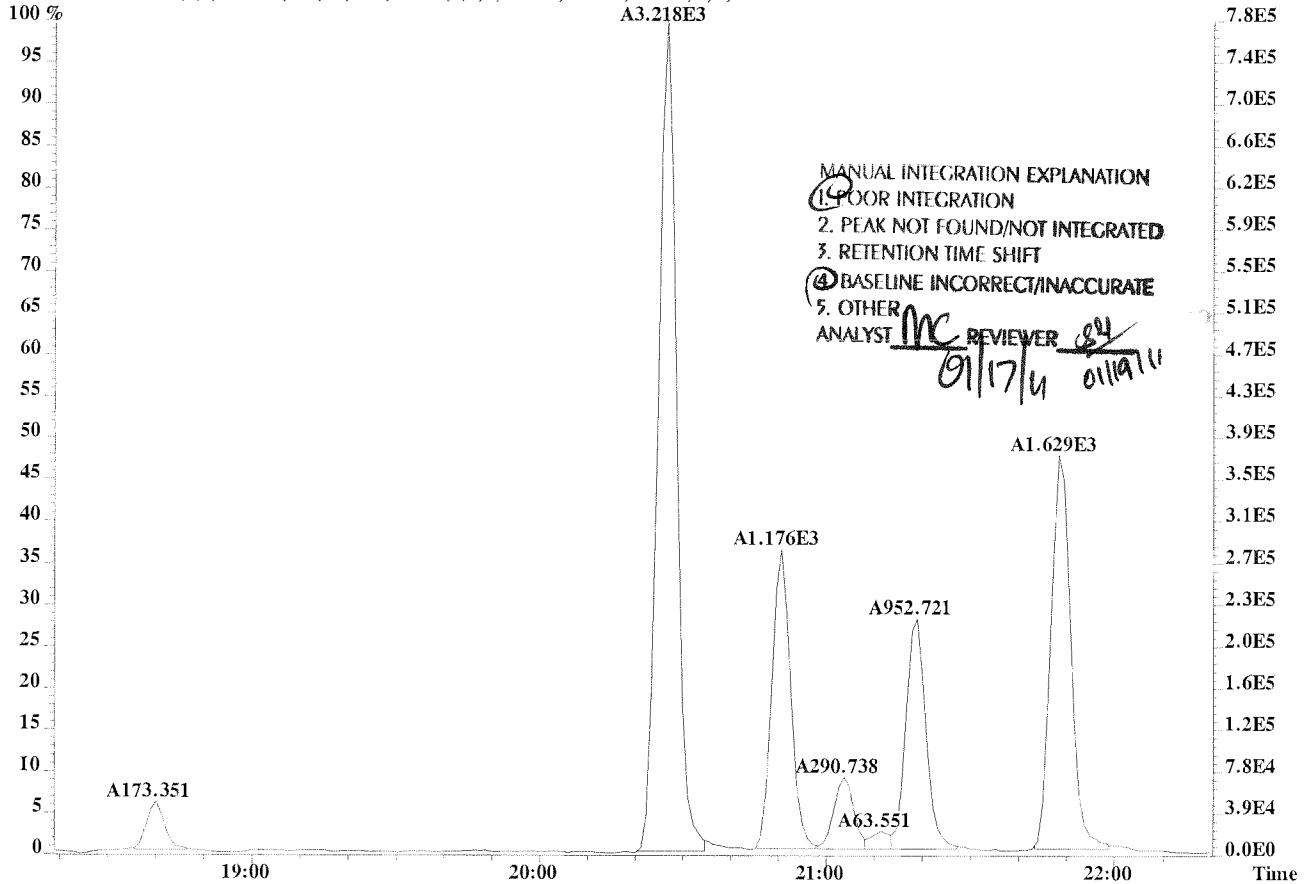
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



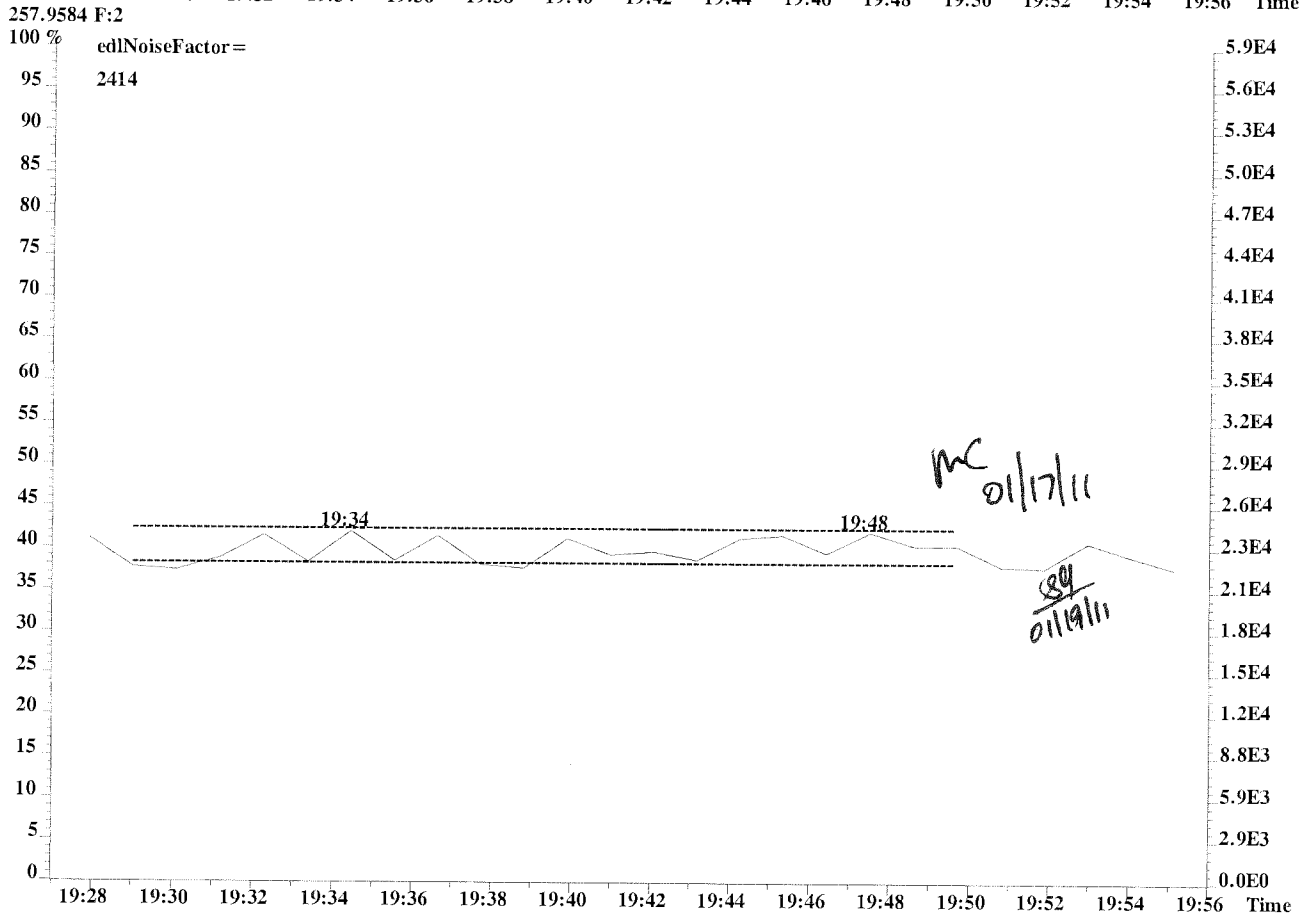
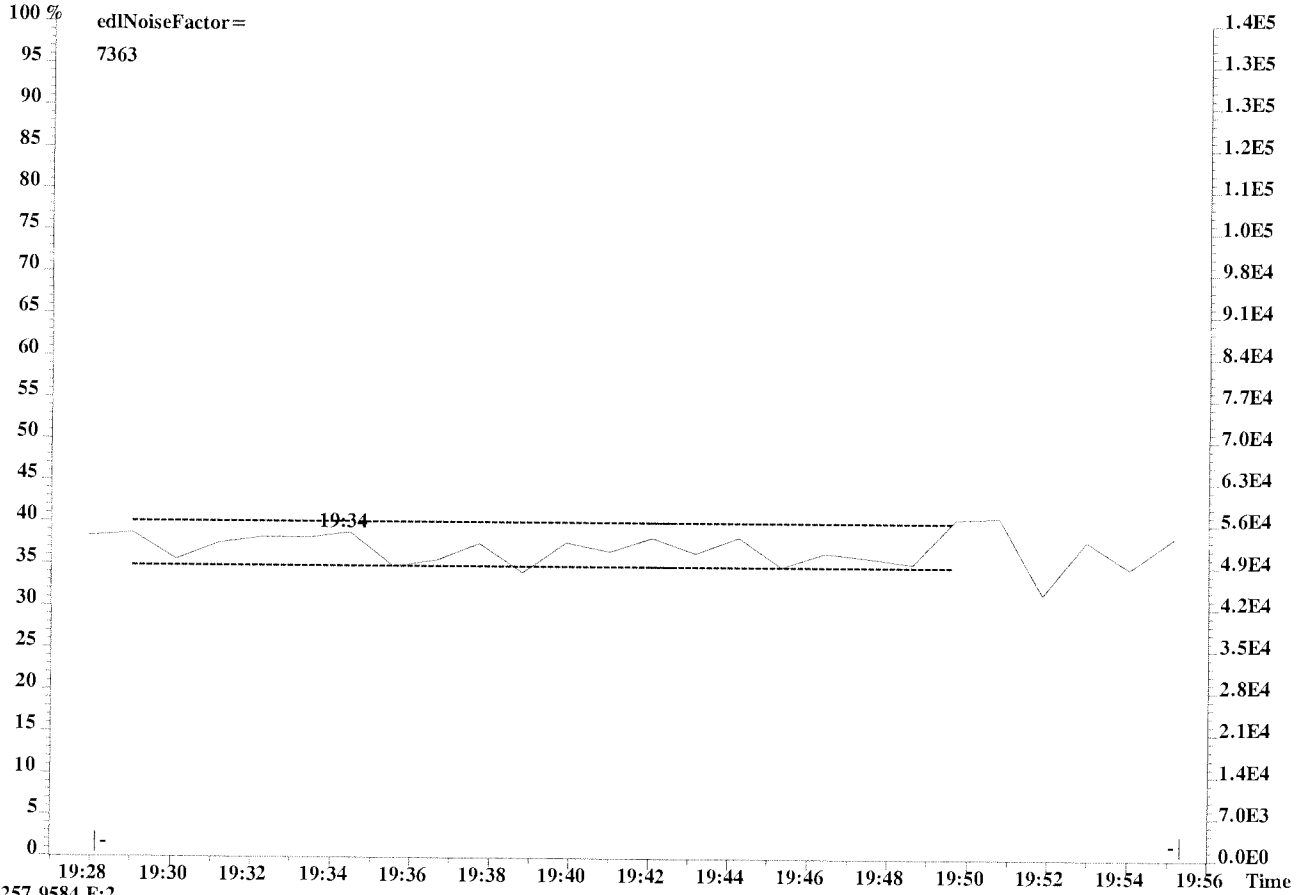
File:U224765 #1-337 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-013 USENE/W111
 255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,26512.0,1.00%,F,T)



257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4024.0,1.00%,F,T)

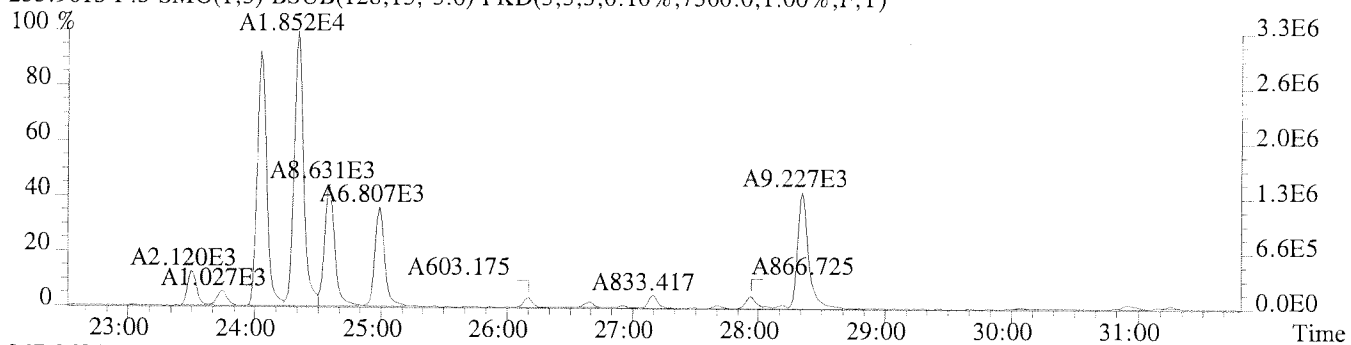


File:U224765 #1-337 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-013 USENE/W111
255.9613 F:2

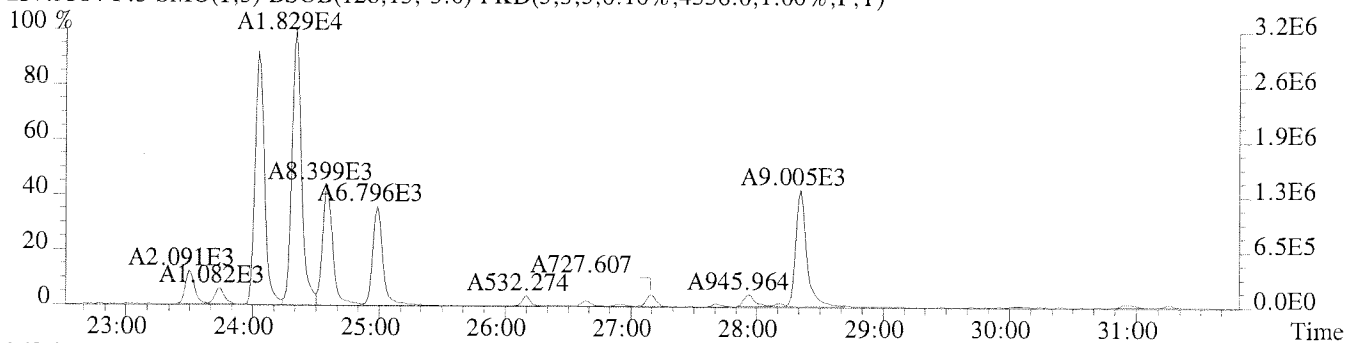


File:U224765 #1-594 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111

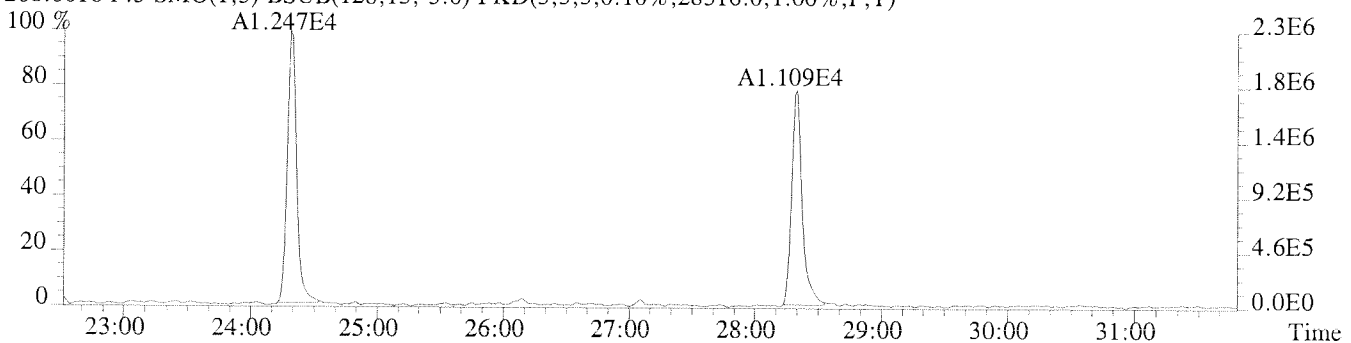
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7300.0,1.00%,F,T)



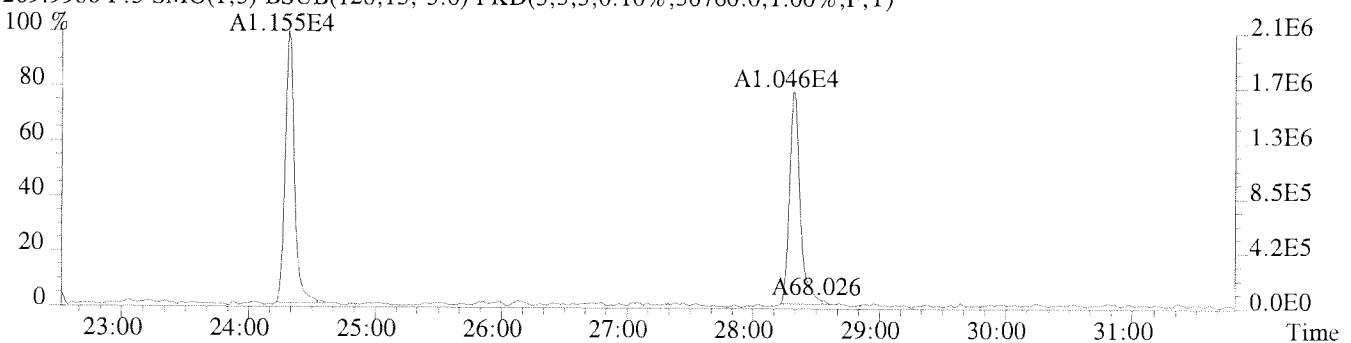
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4556.0,1.00%,F,T)



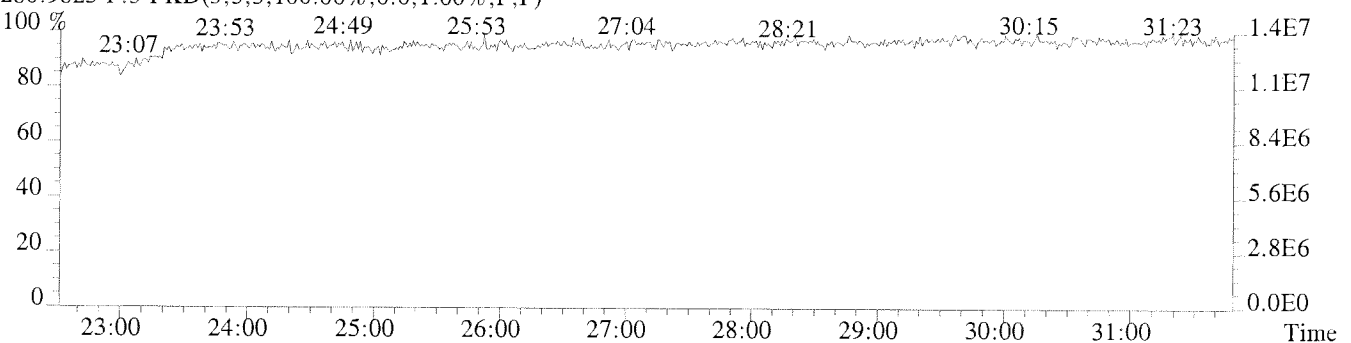
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,28316.0,1.00%,F,T)



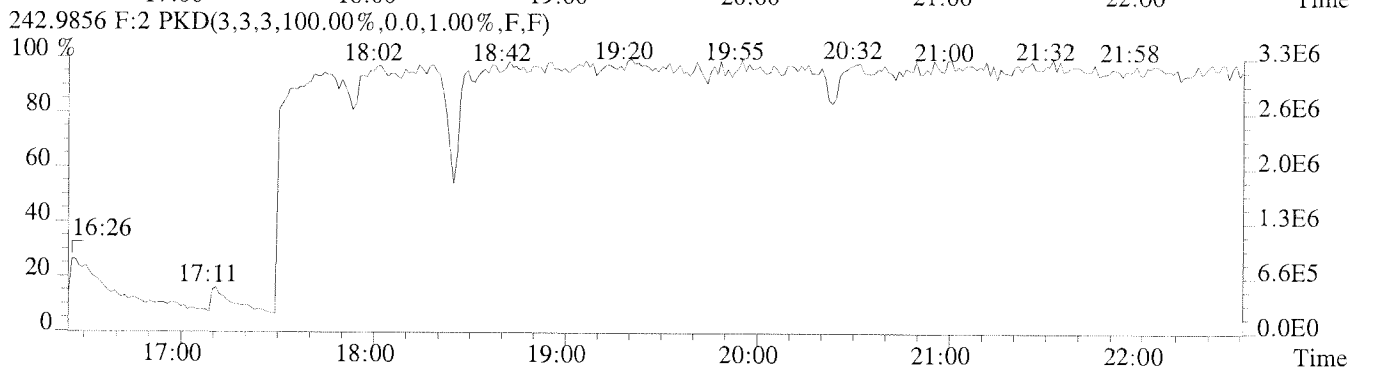
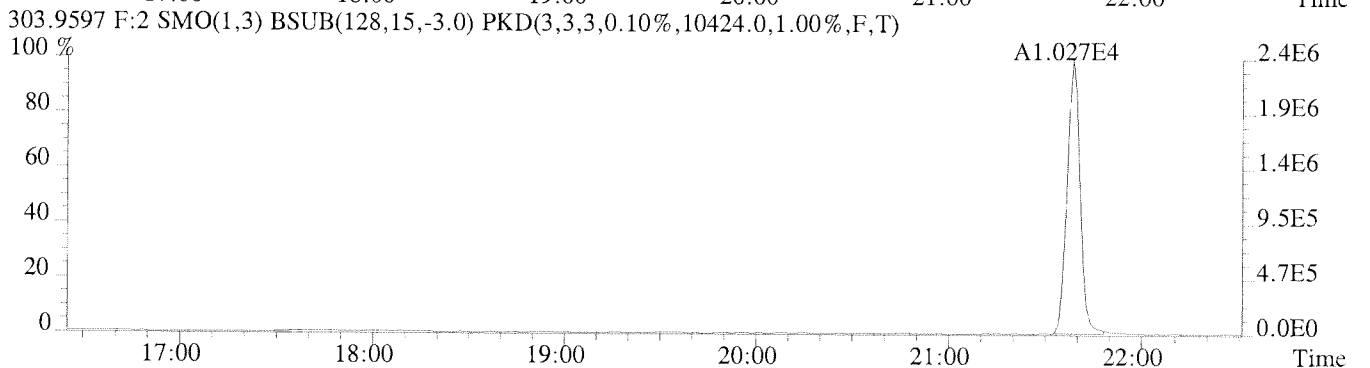
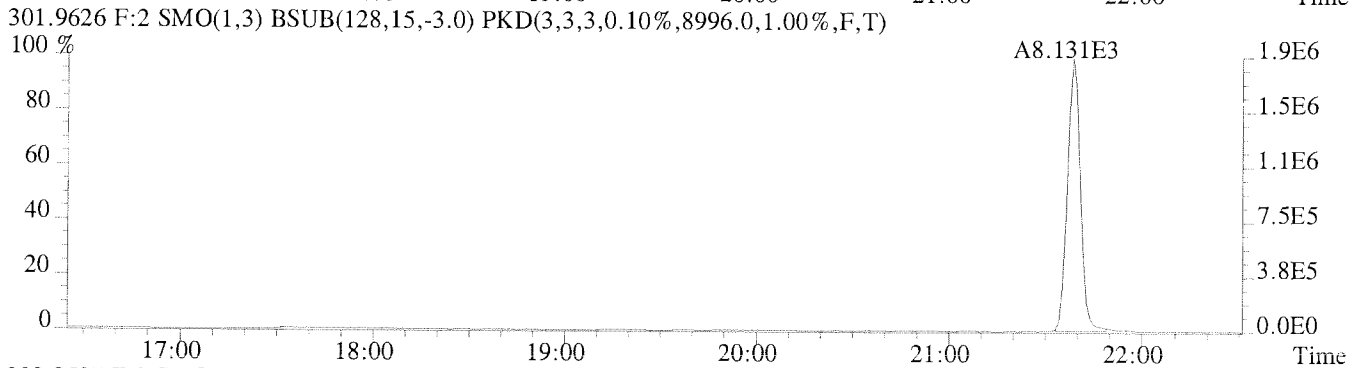
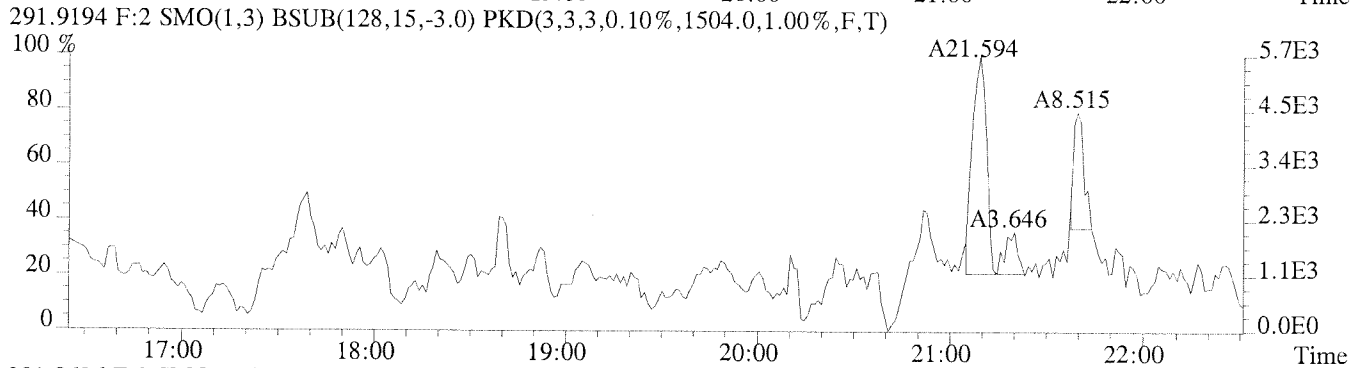
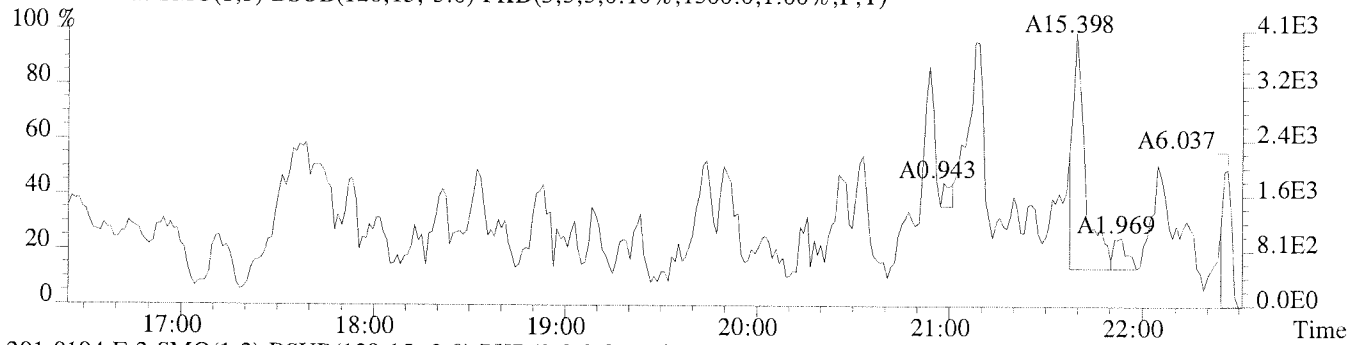
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,30760.0,1.00%,F,T)



280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

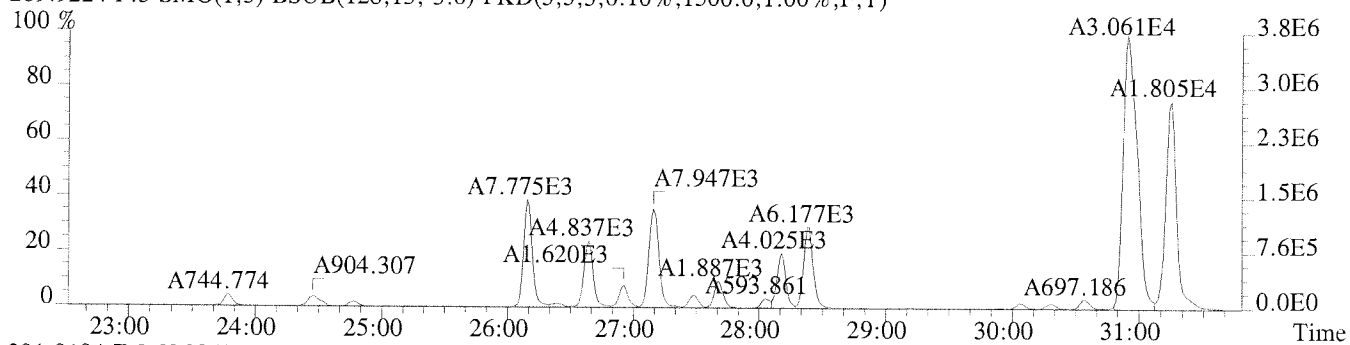


File:U224765 #1-337 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1300.0,1.00%,F,T)

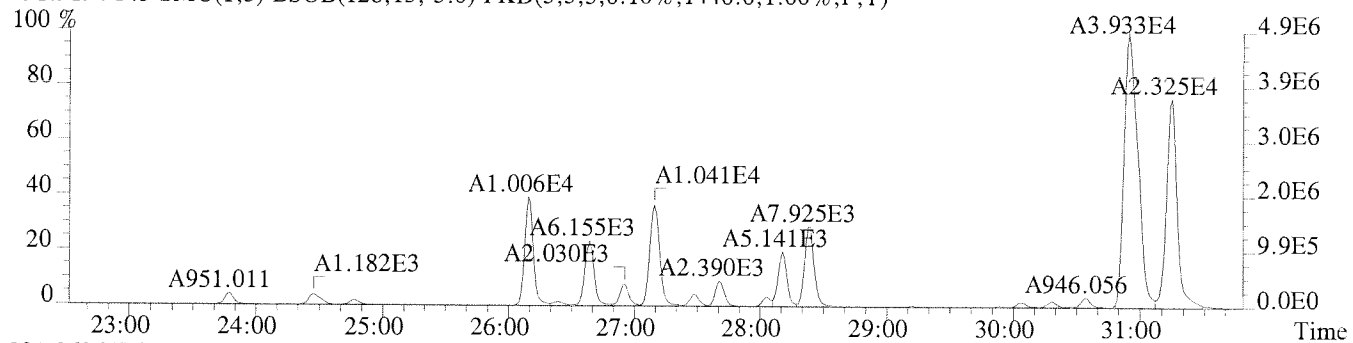


File:U224765 #1-594 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111

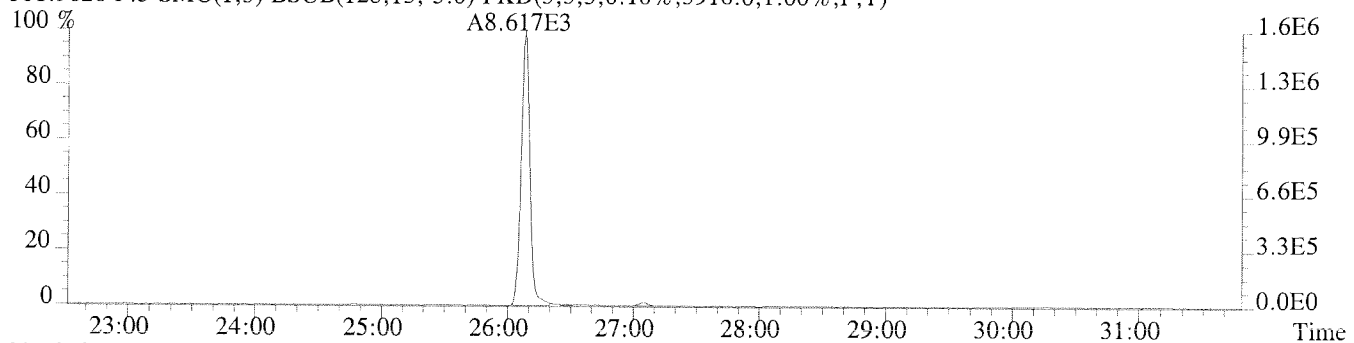
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1500.0,1.00%,F,T)



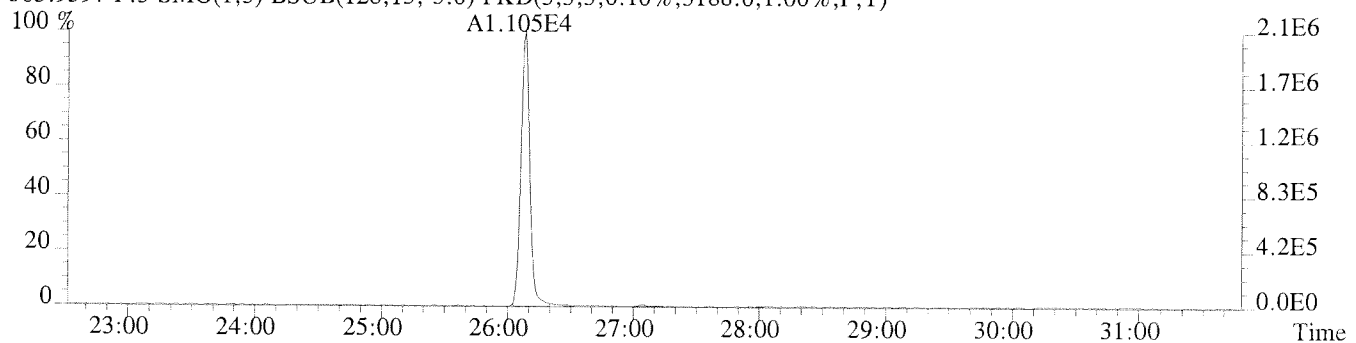
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1440.0,1.00%,F,T)



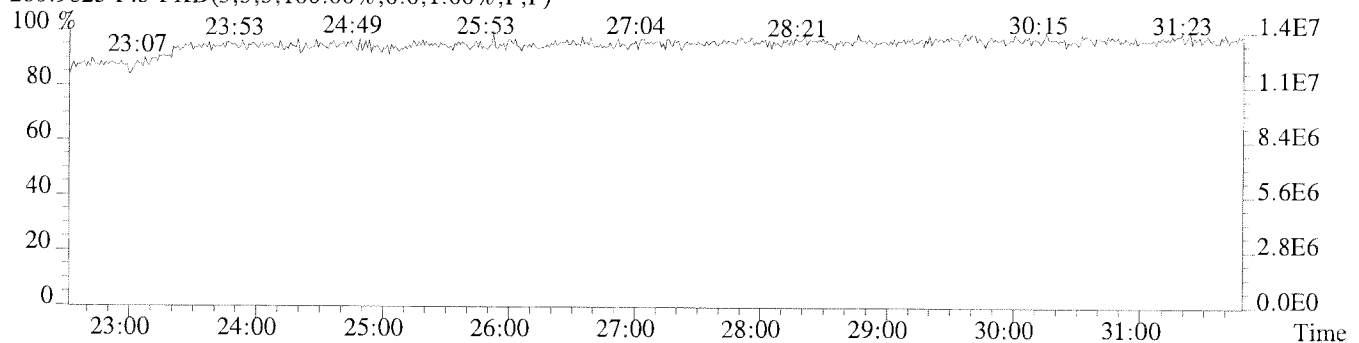
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3916.0,1.00%,F,T)

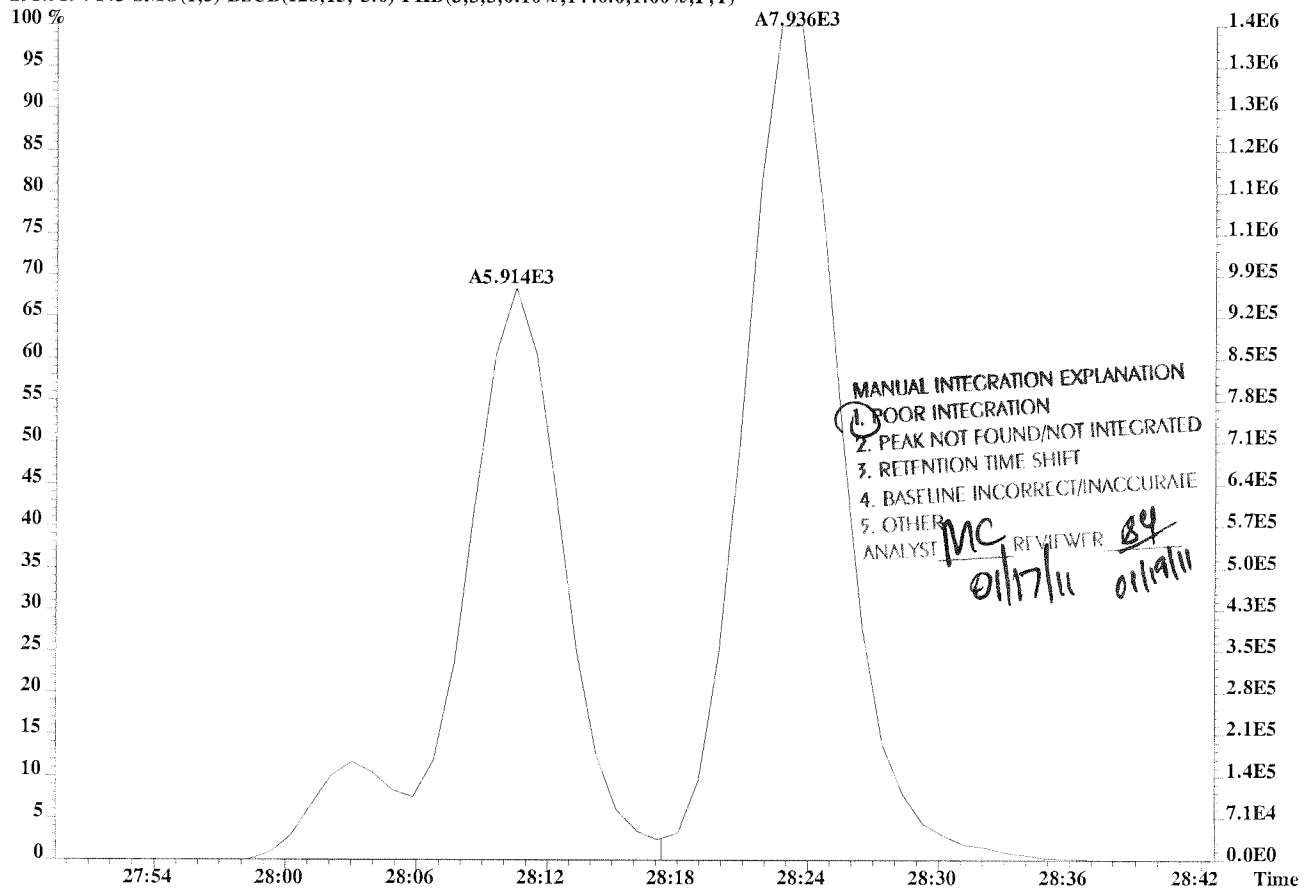
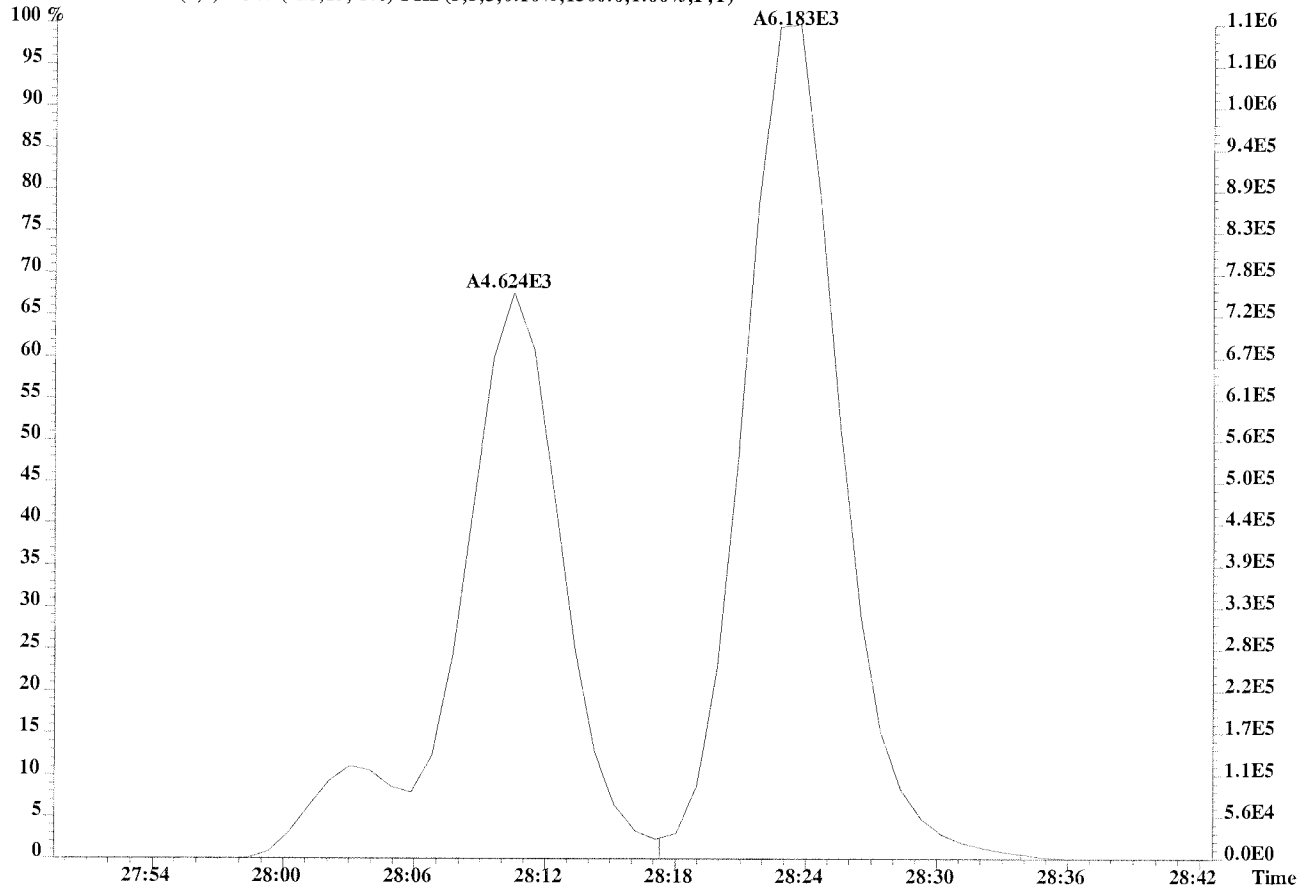


303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3188.0,1.00%,F,T)

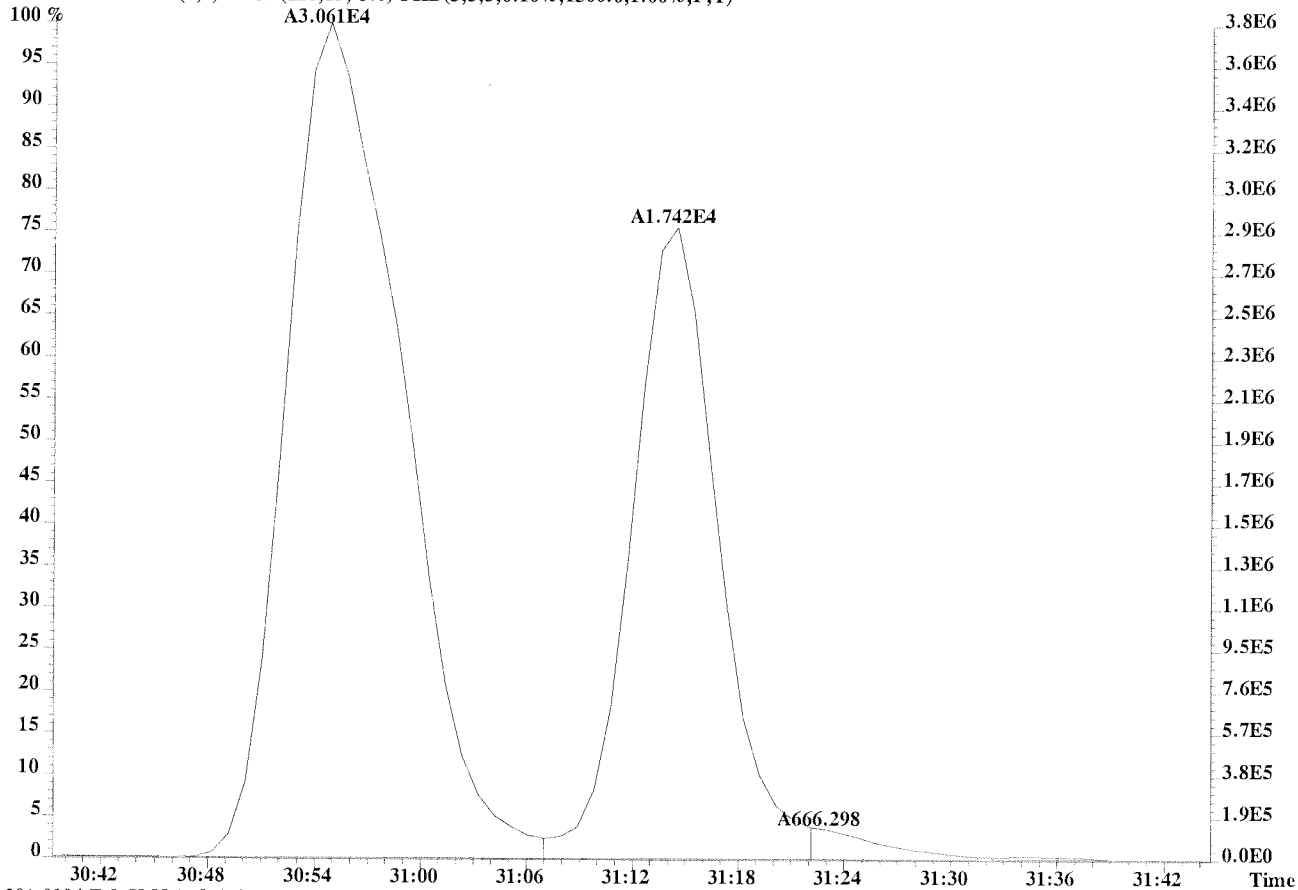


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

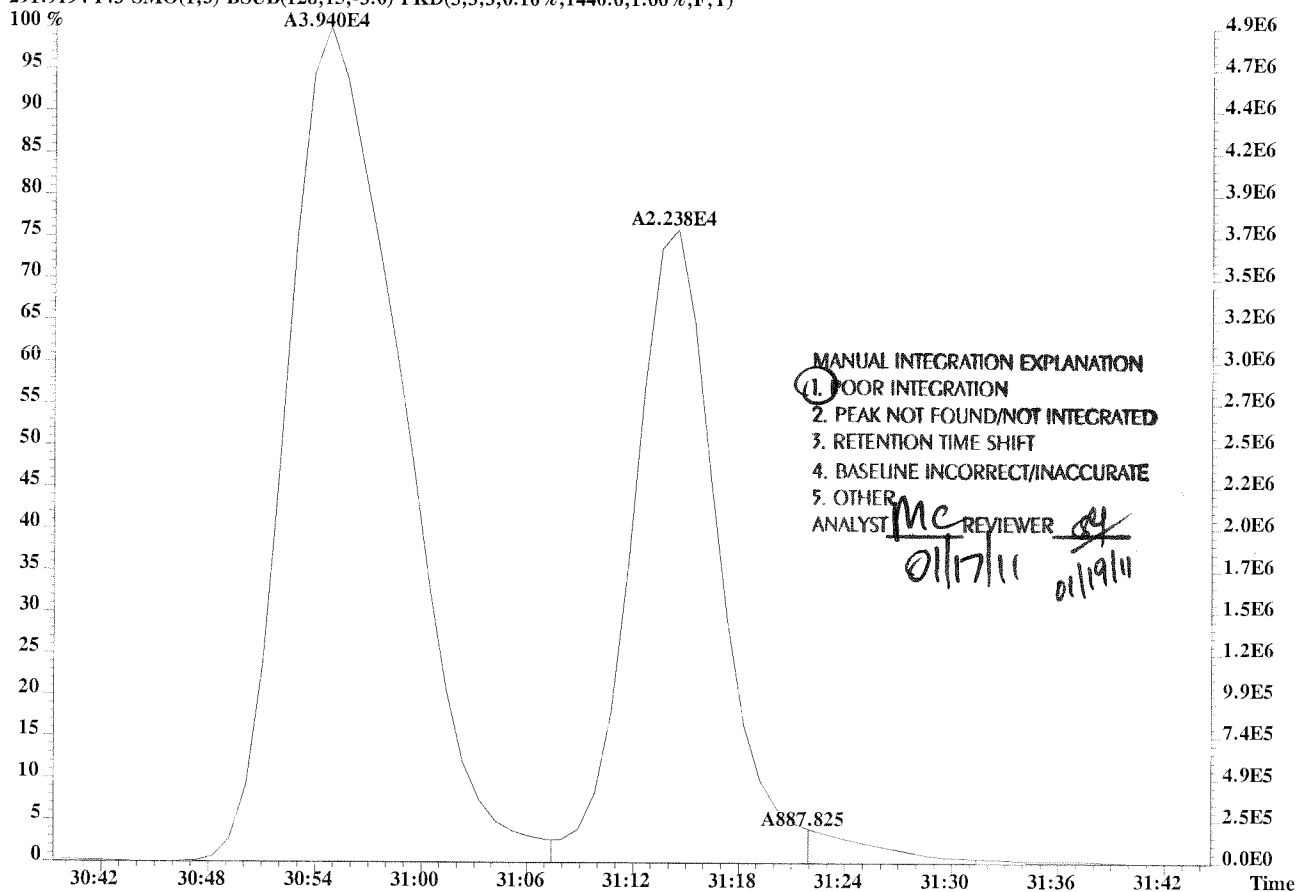




File:U224765 #1-594 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-013 USENE/W111
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1500.0,1.00%,F,T)

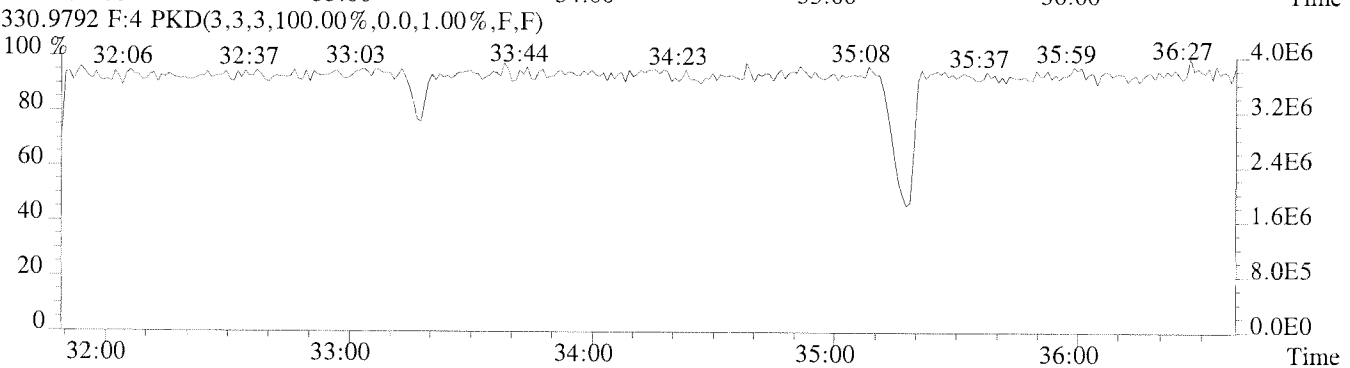
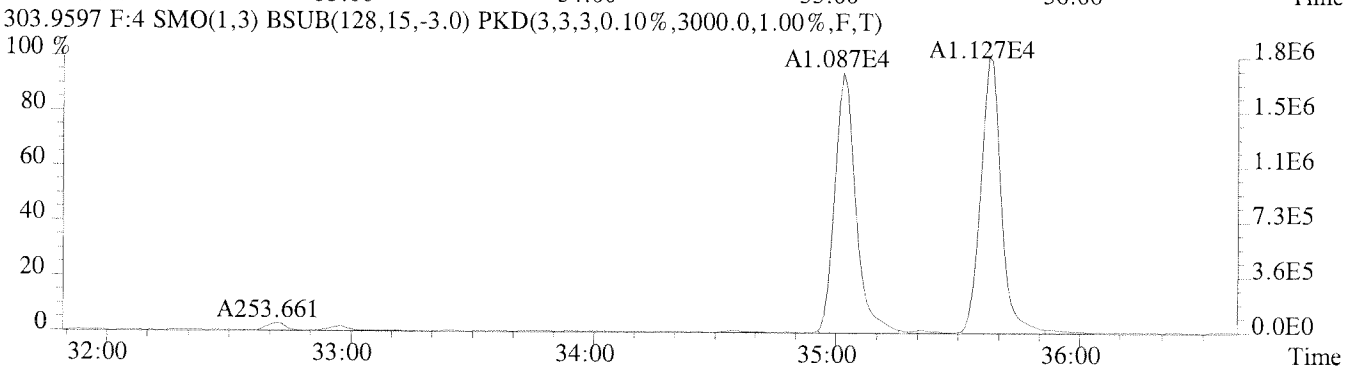
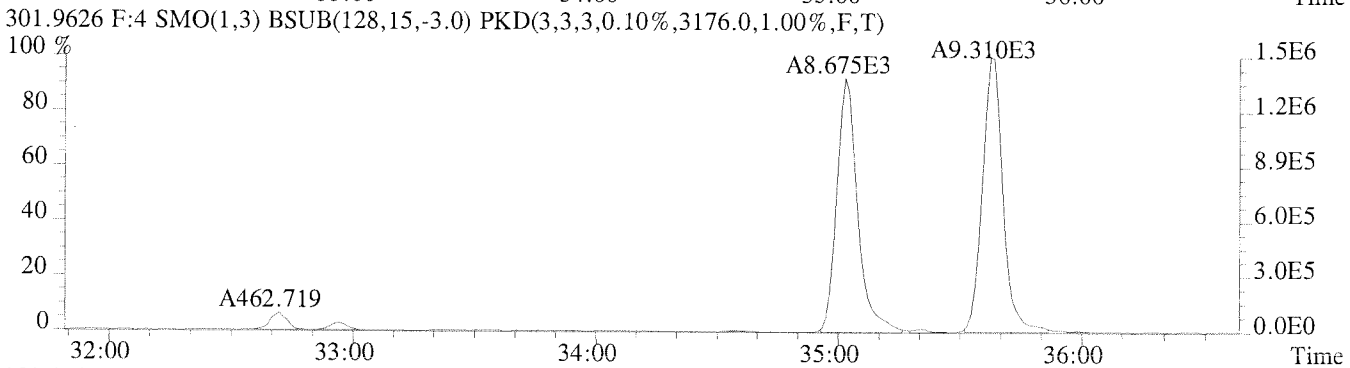
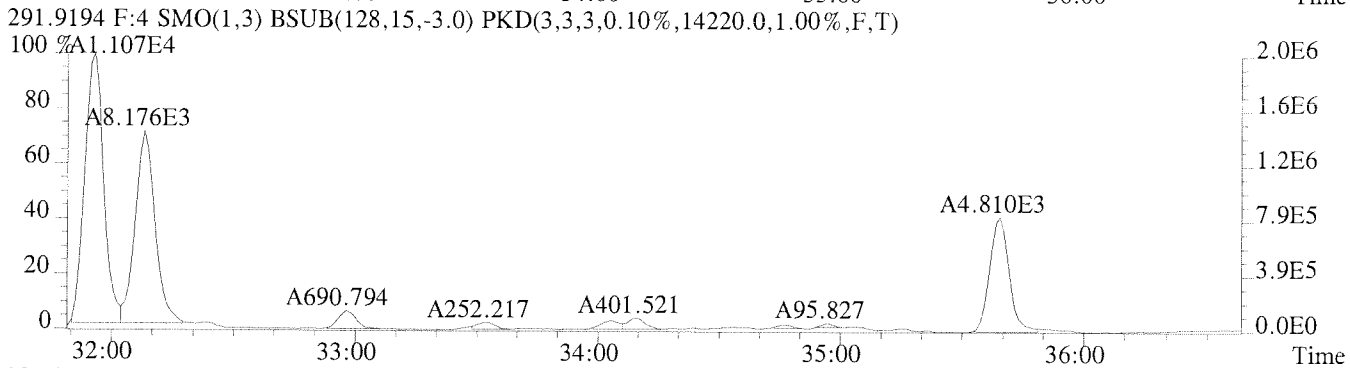
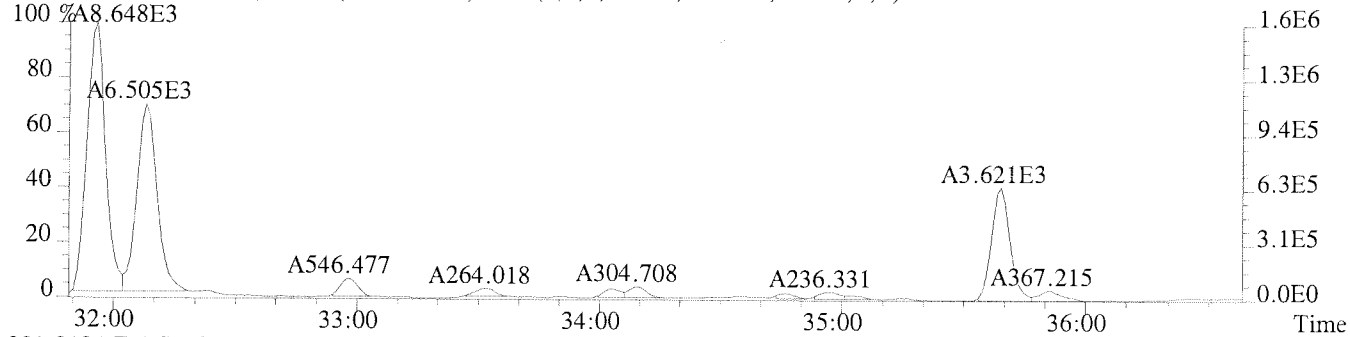


291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1440.0,1.00%,F,T)



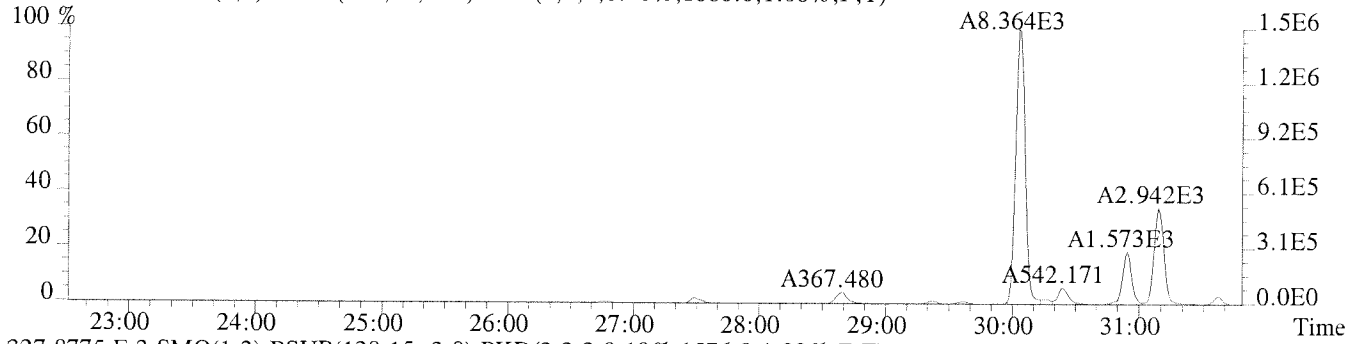
MANUAL INTEGRATION EXPLANATION
 1. POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER
 ANALYST *Mc* REVIEWER *se*
 01/17/11 01/19/11

File:U224765 #1-309 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11936.0,1.00%,F,T)
100 %A8.648E3

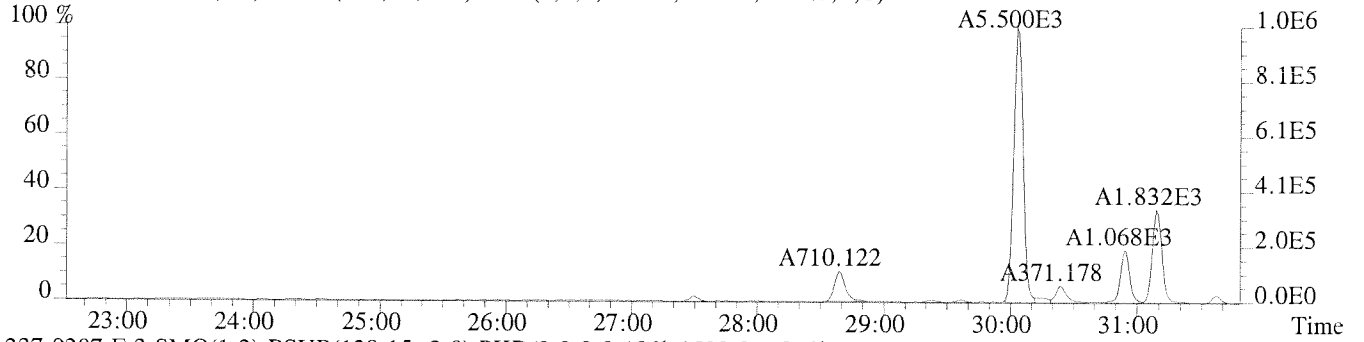


File:U224765 #1-594 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111

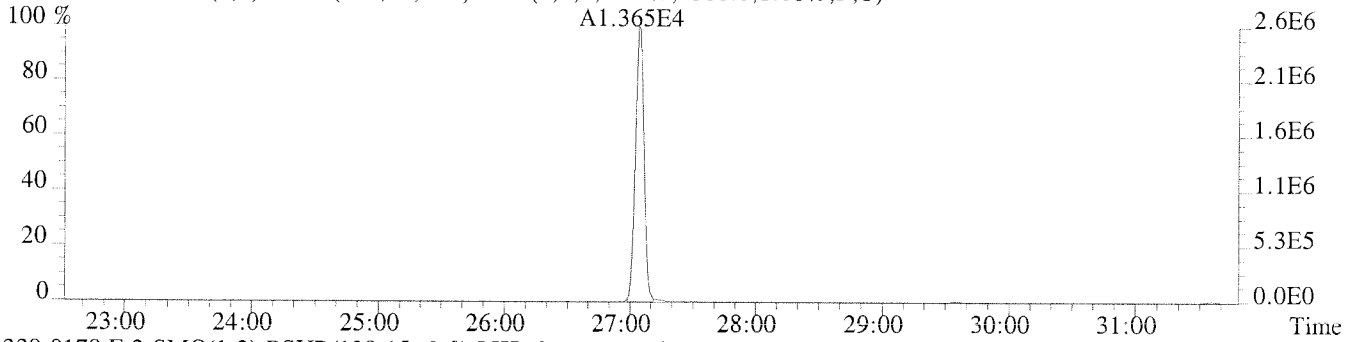
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1080.0,1.00%,F,T)



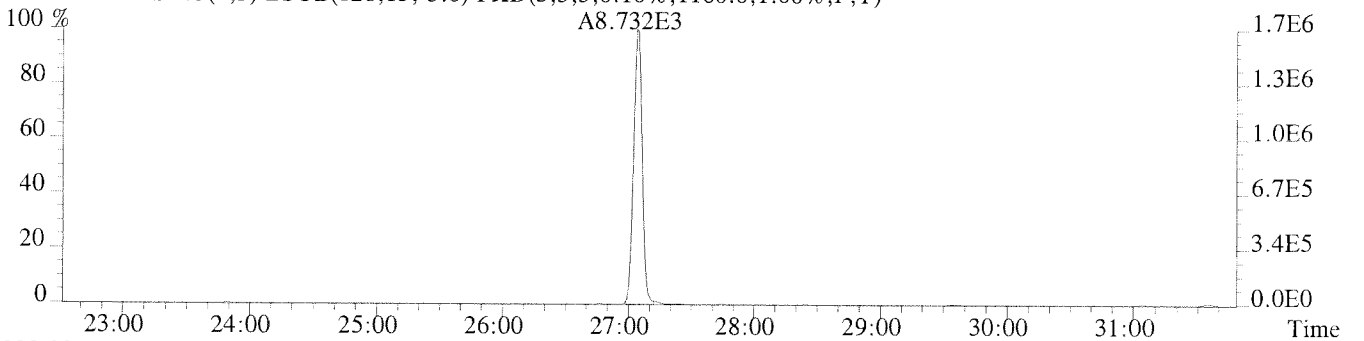
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1576.0,1.00%,F,T)



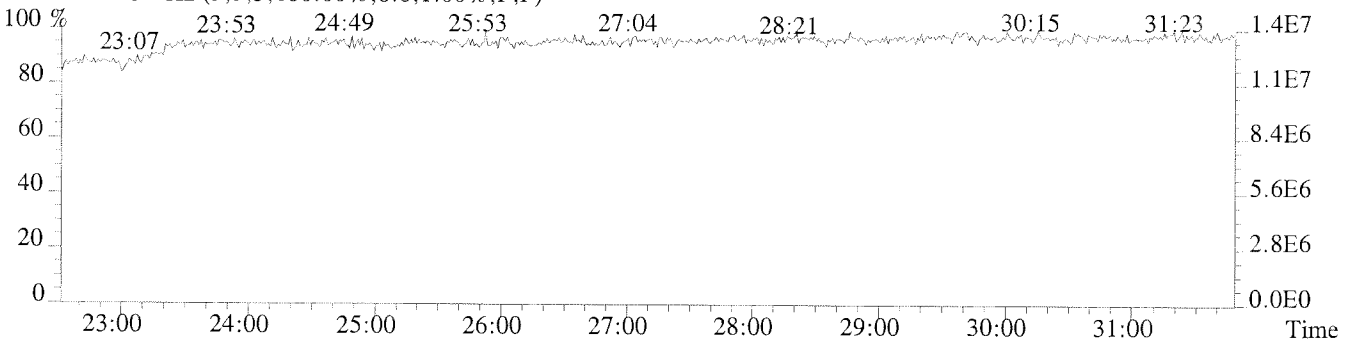
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1500.0,1.00%,F,T)



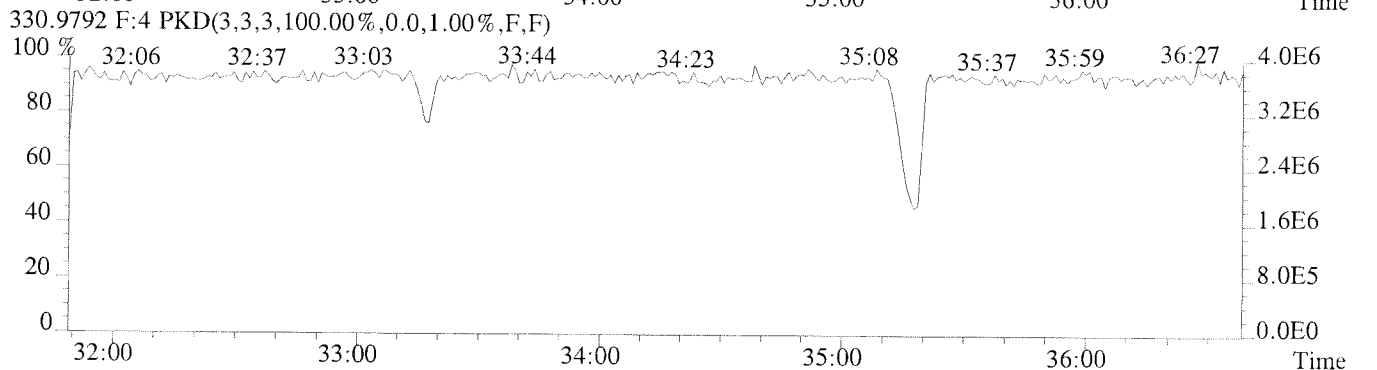
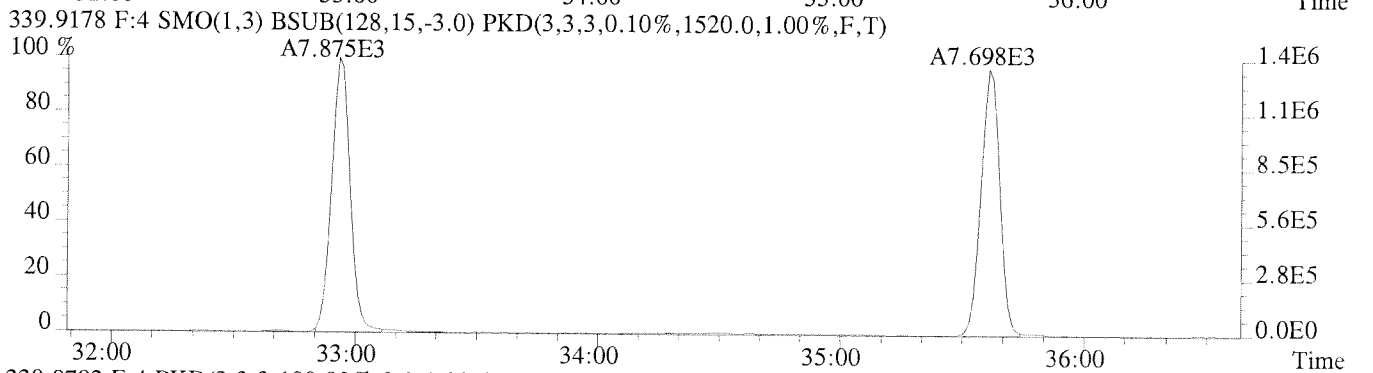
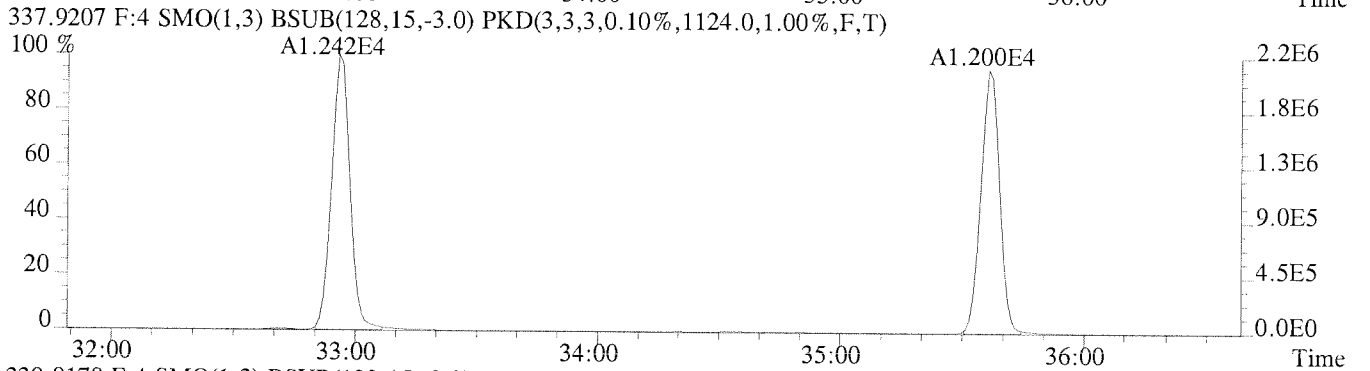
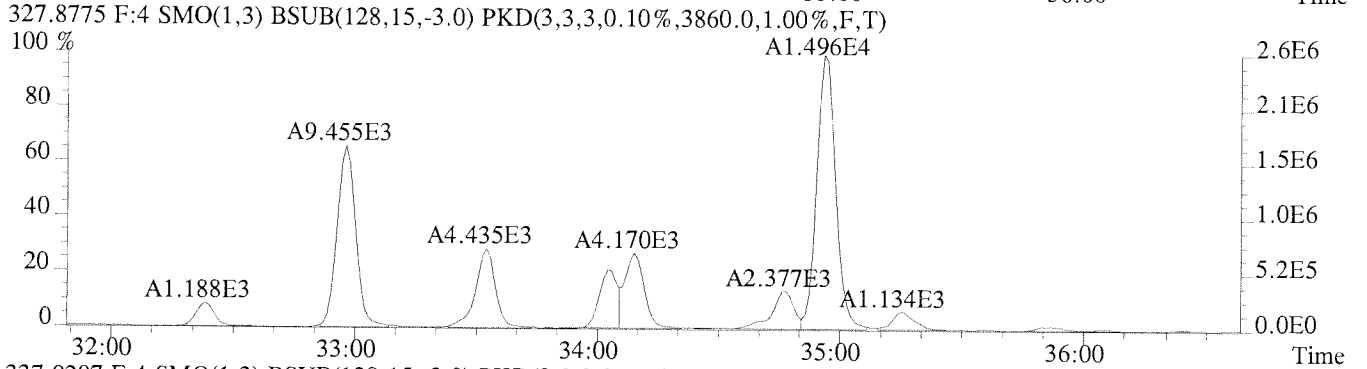
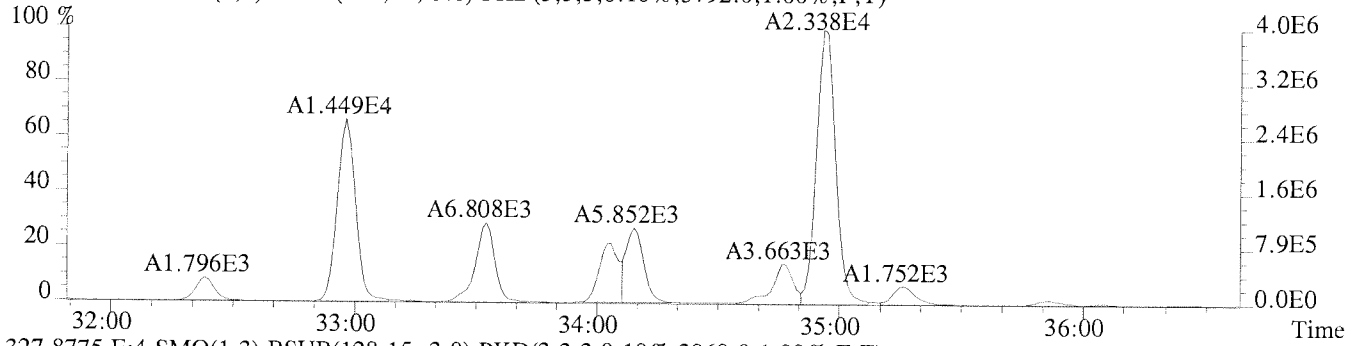
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1160.0,1.00%,F,T)

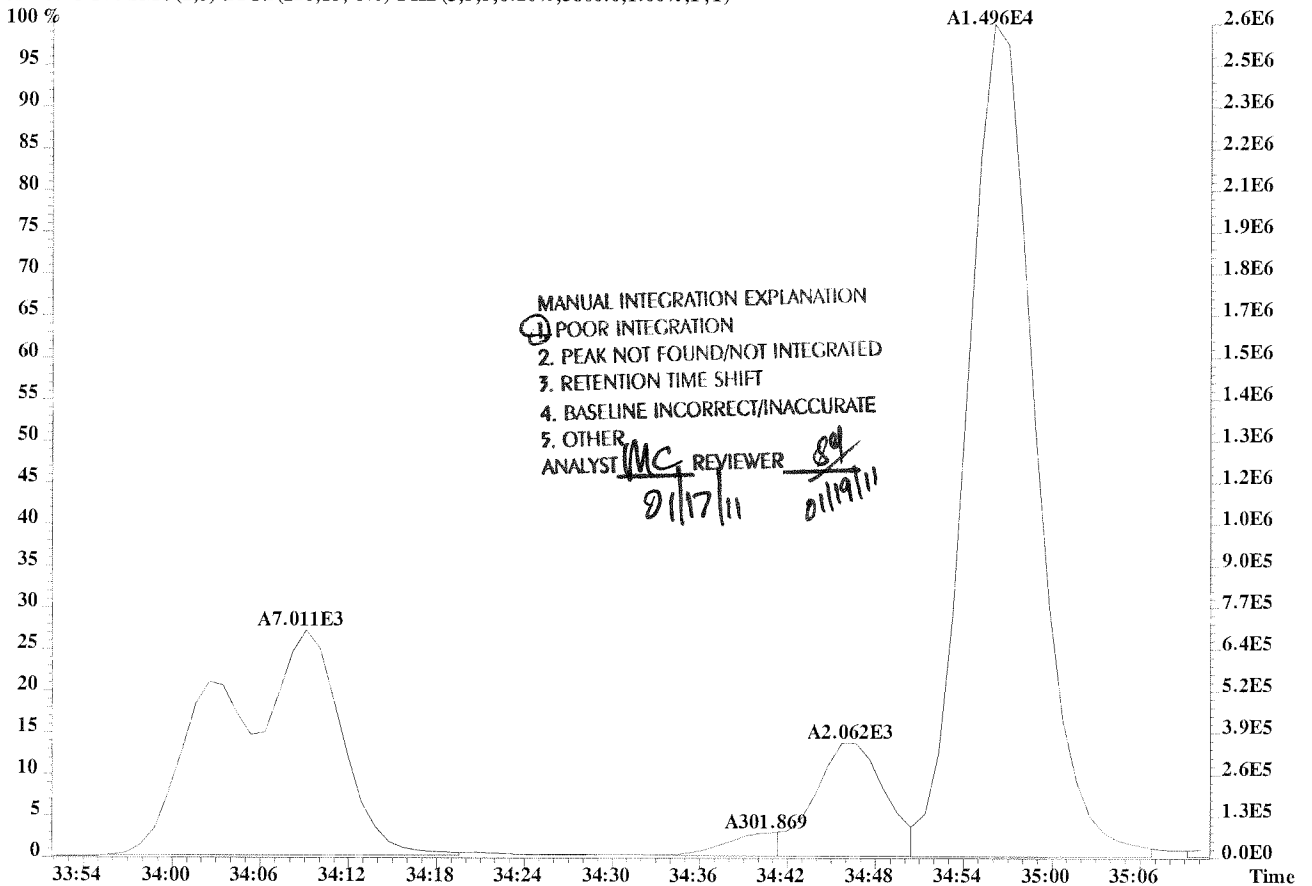
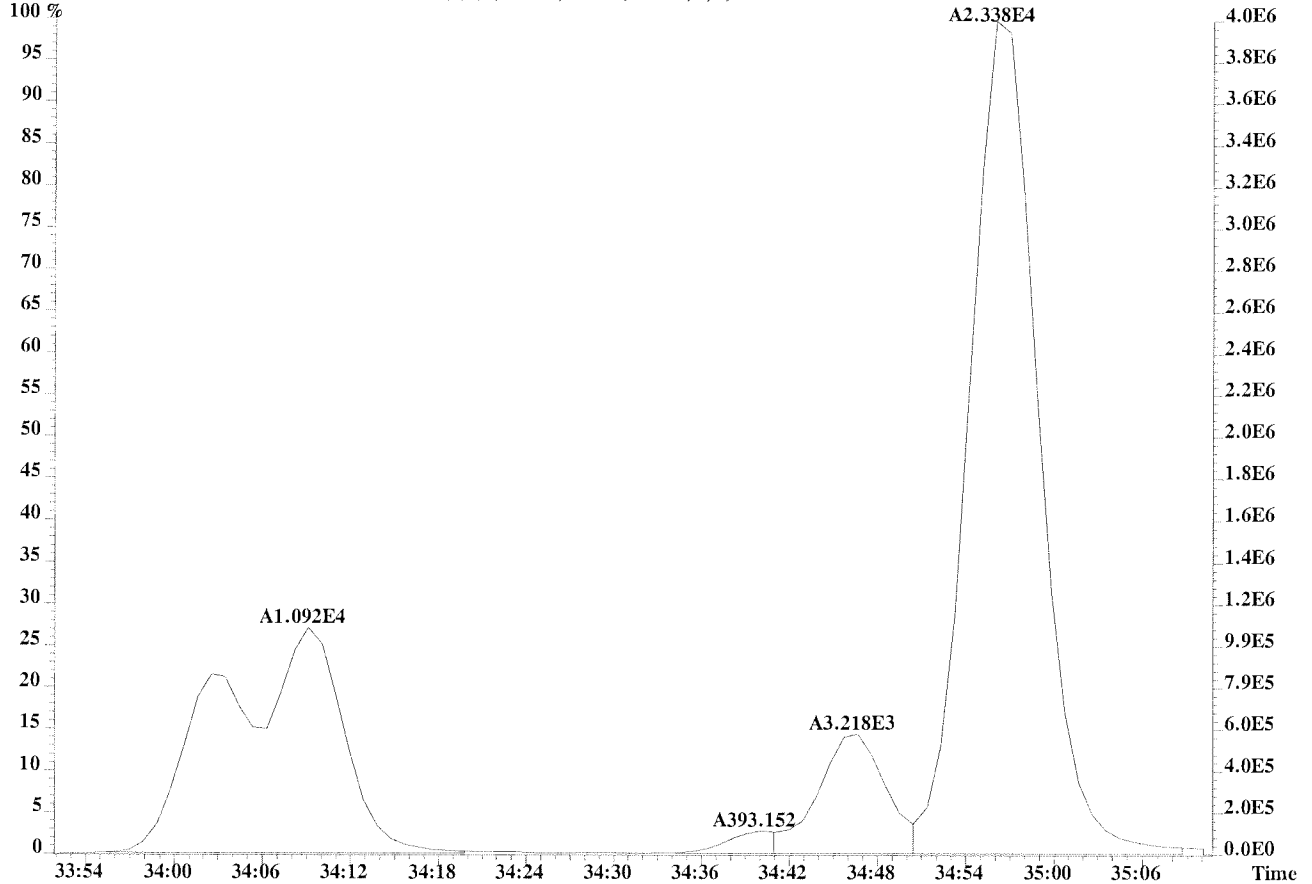


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

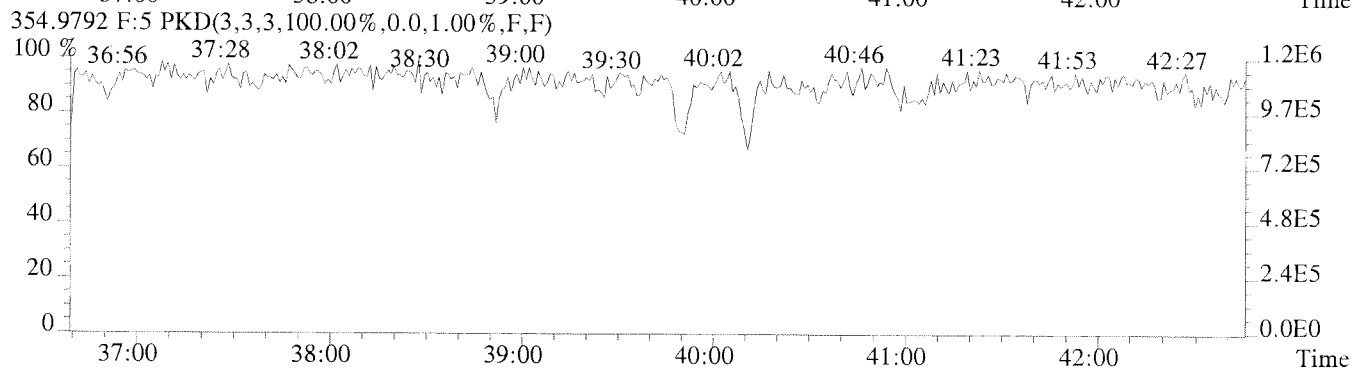
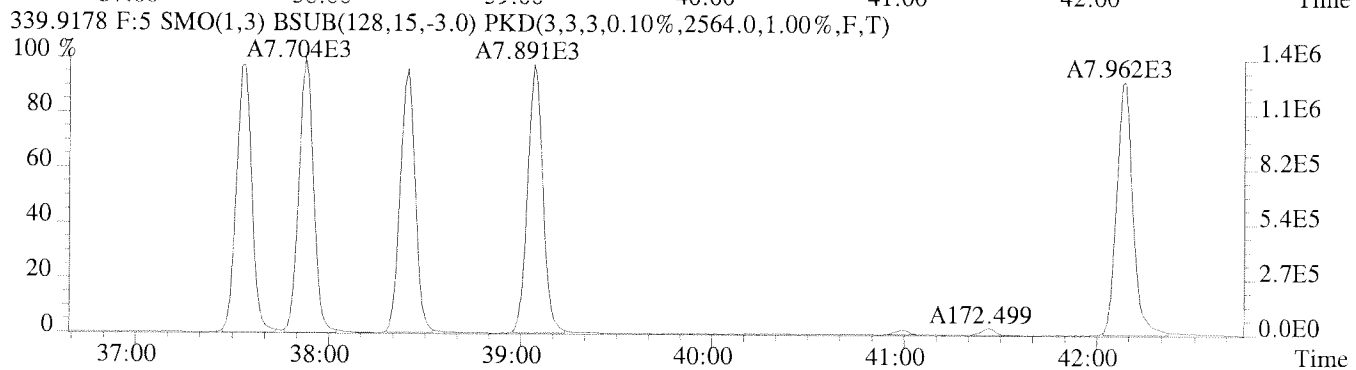
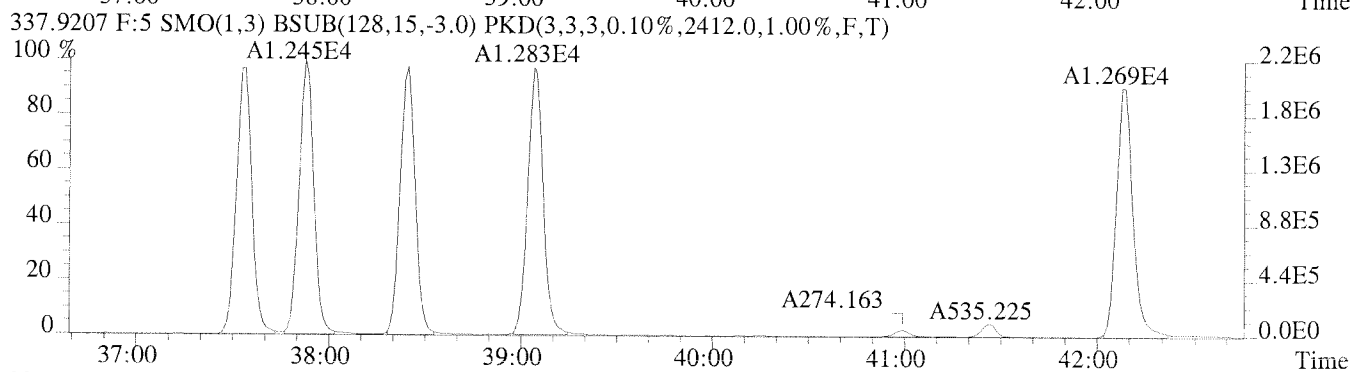
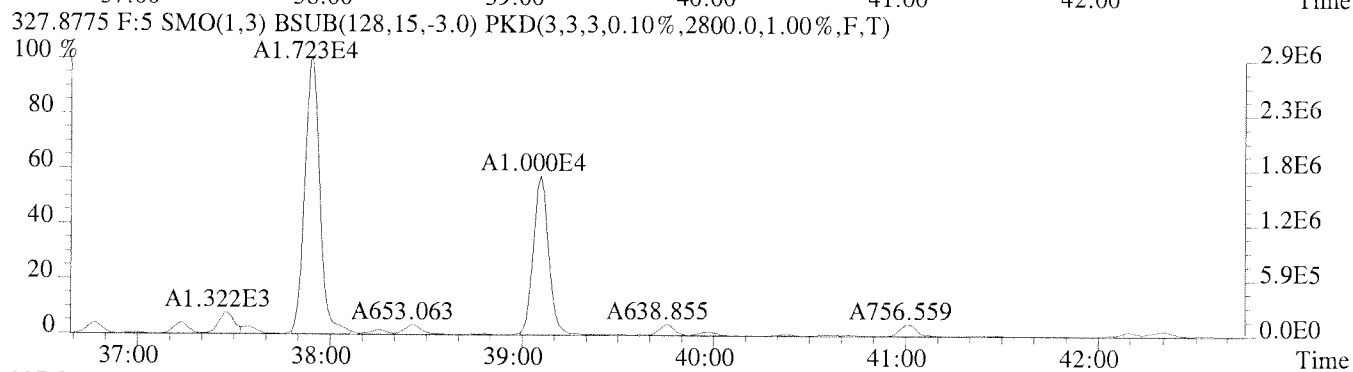
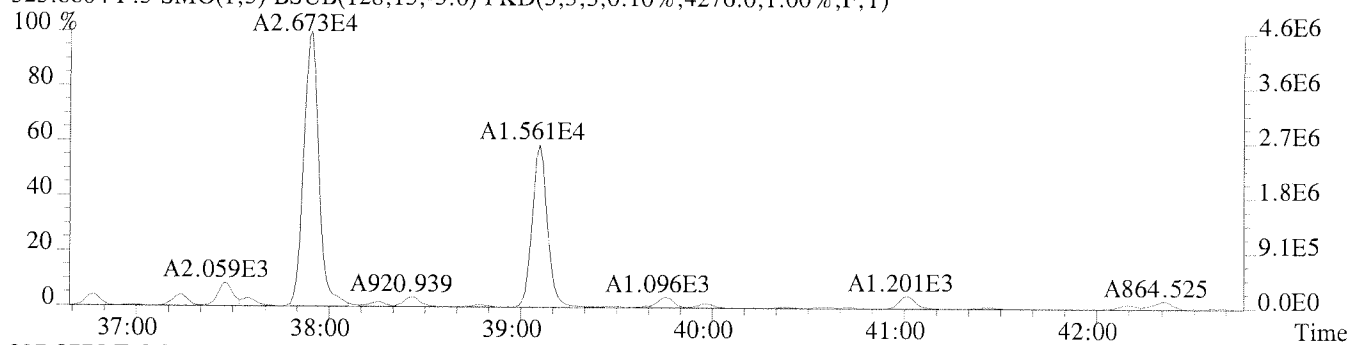


File:U224765 #1-309 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3792.0,1.00%,F,T)

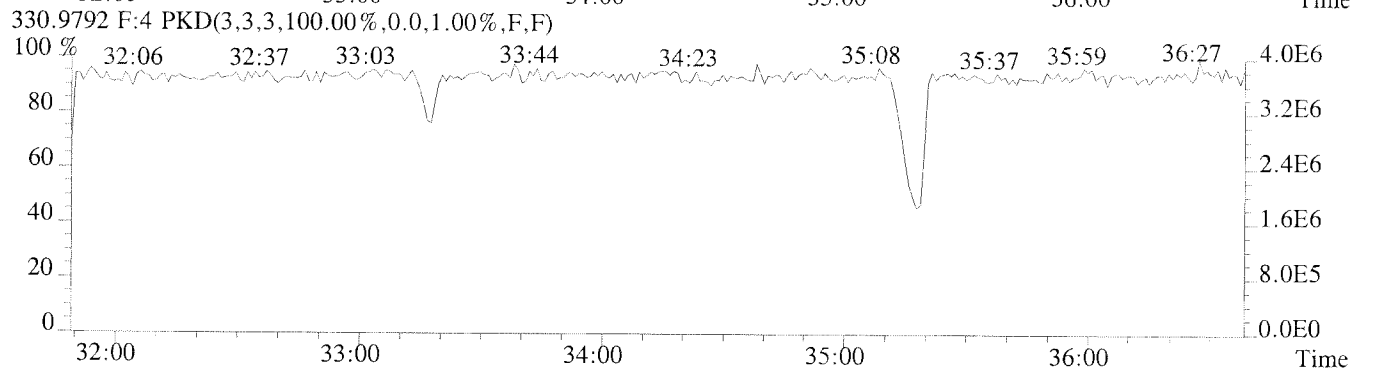
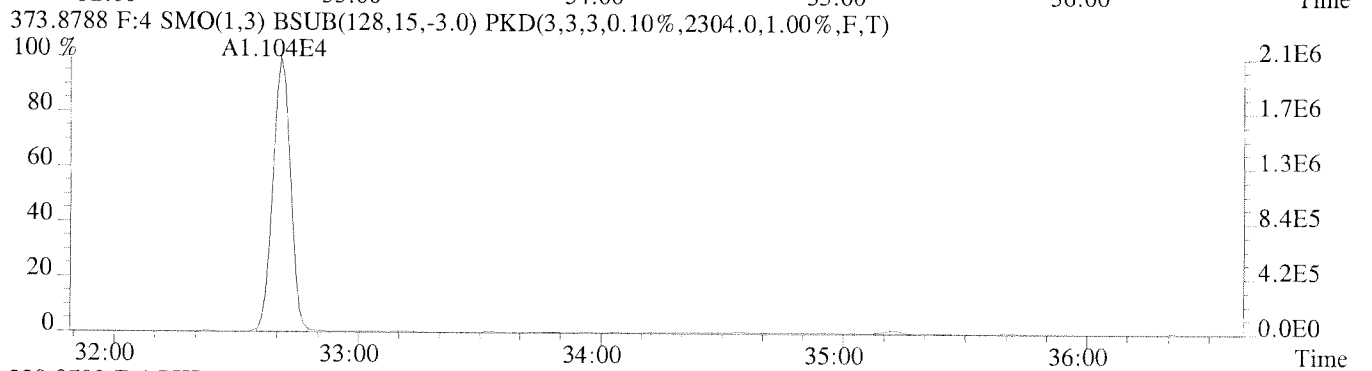
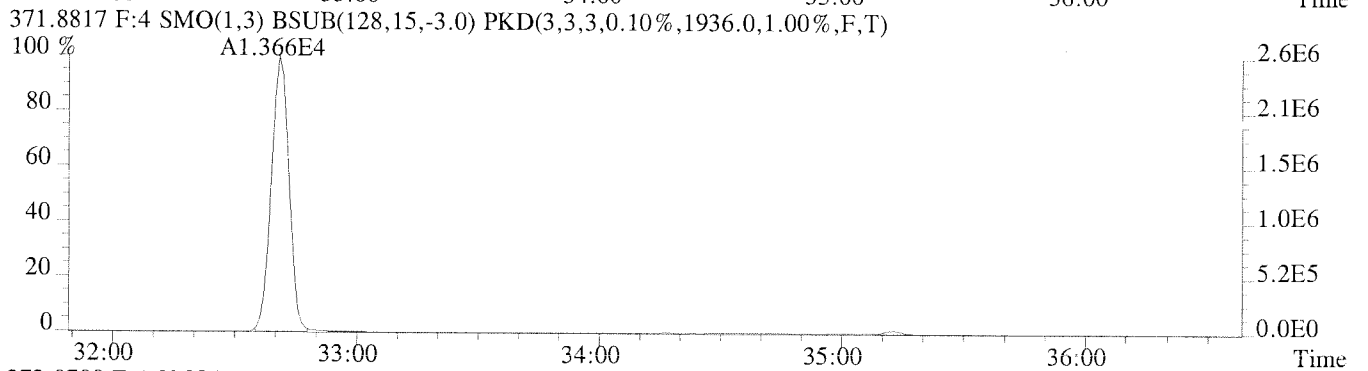
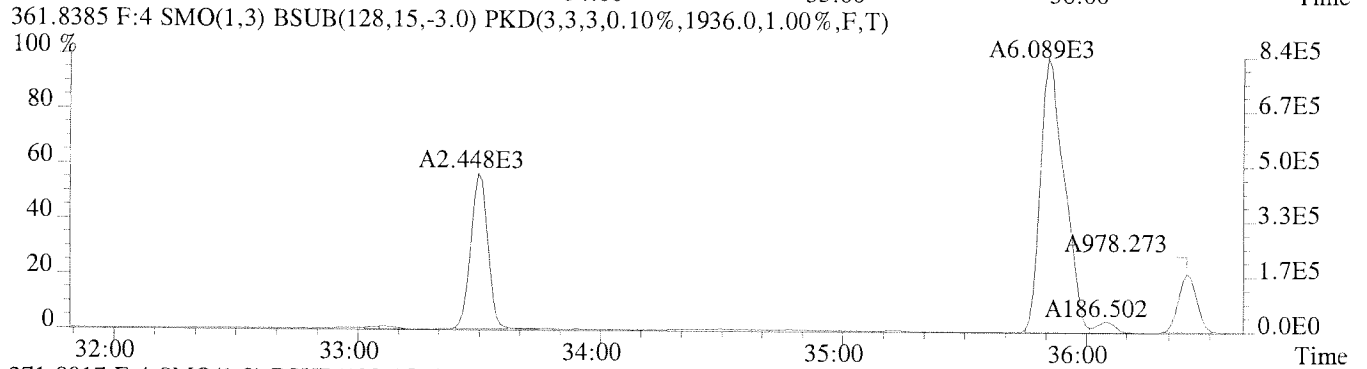
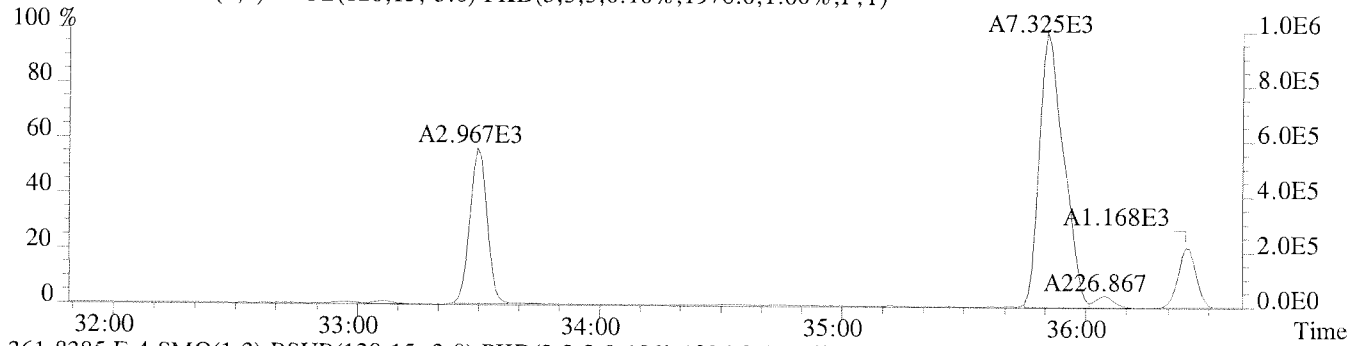




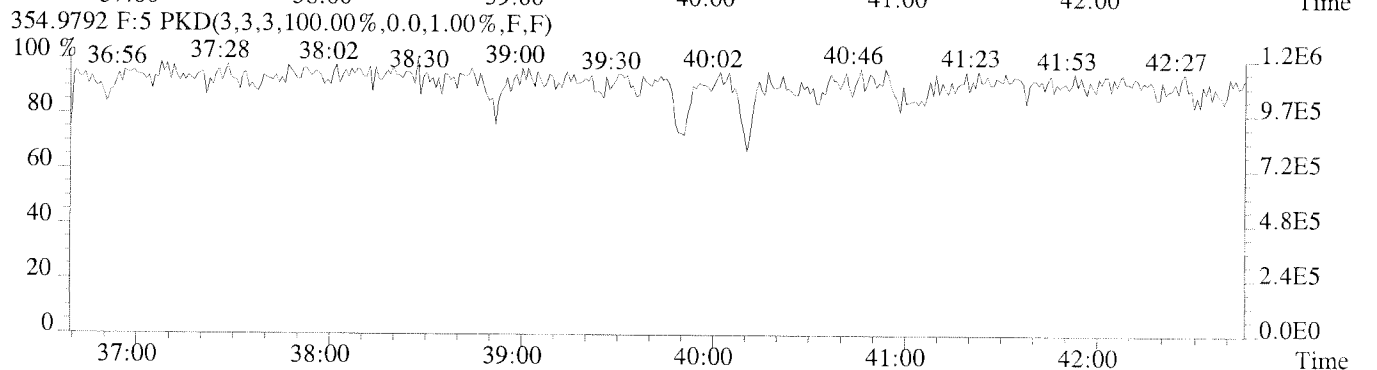
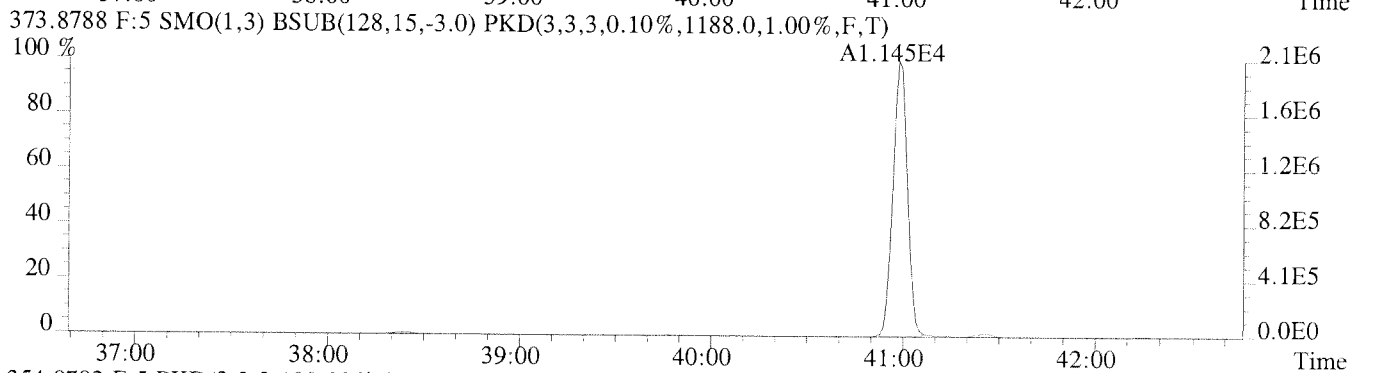
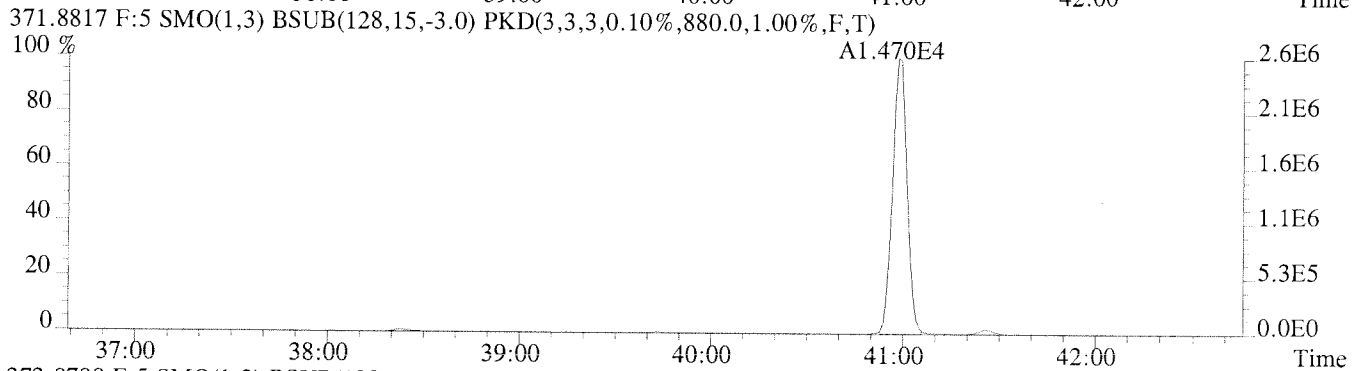
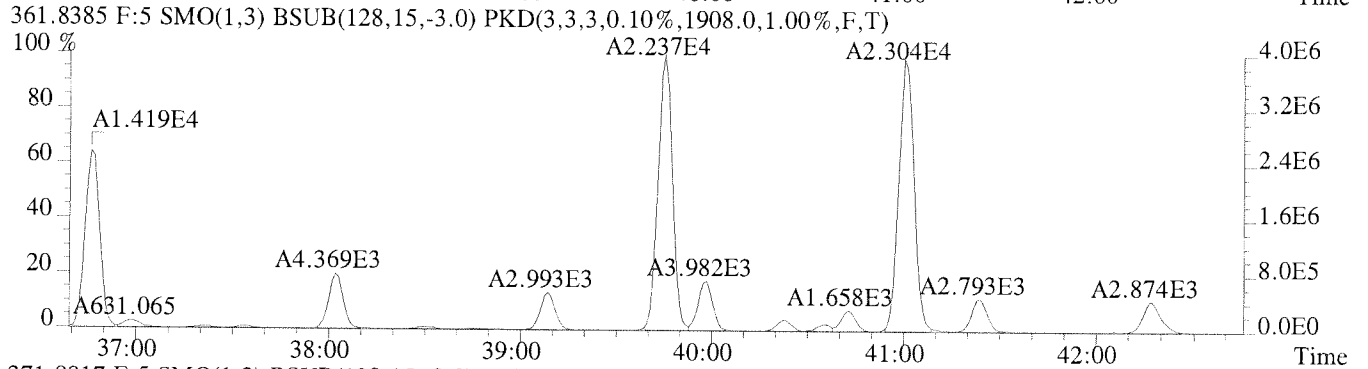
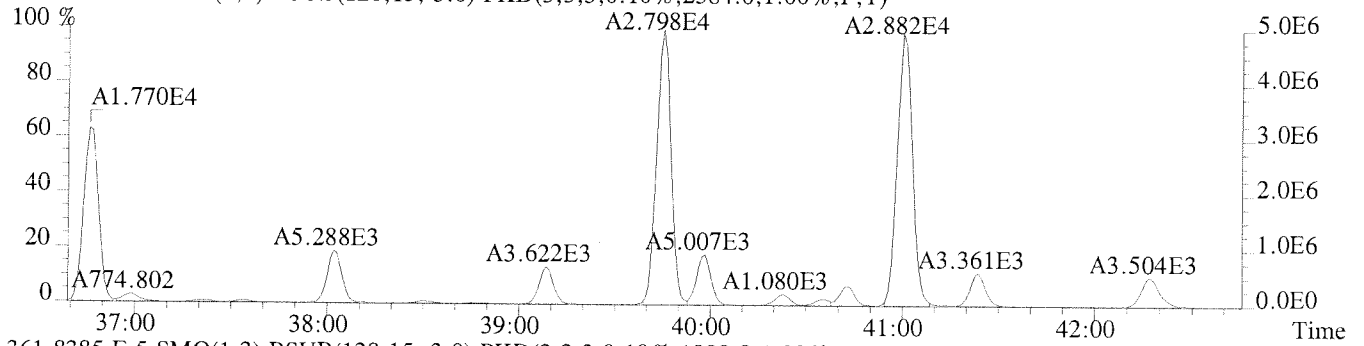
File:U224765 #1-391 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4276.0,1.00%,F,T)



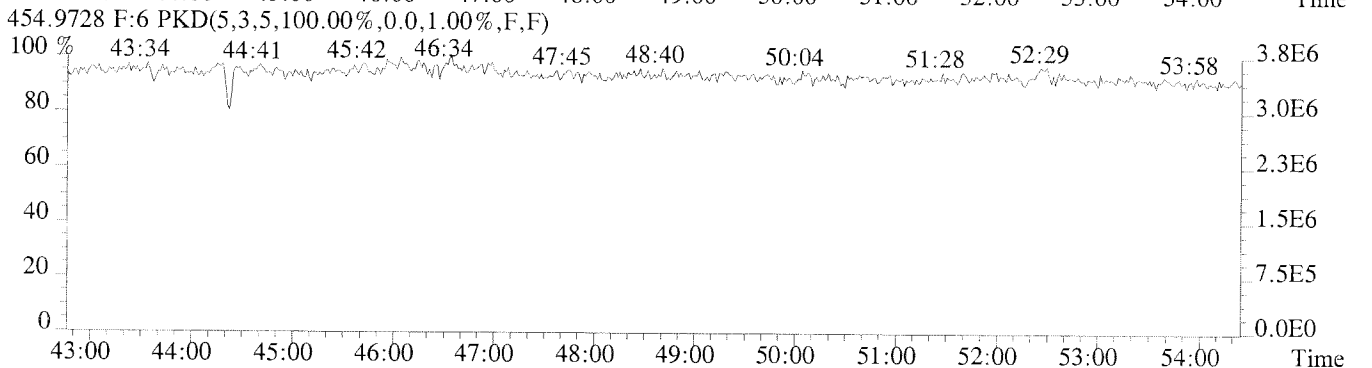
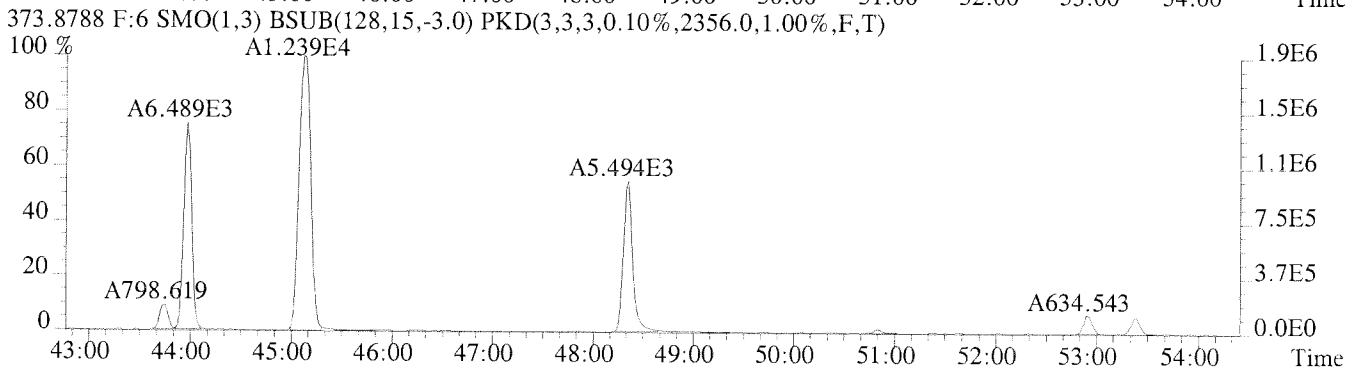
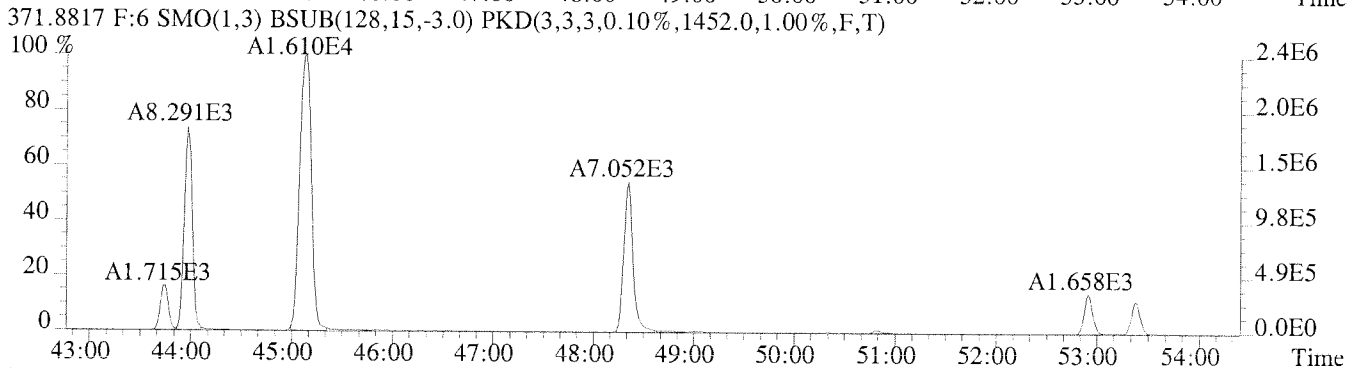
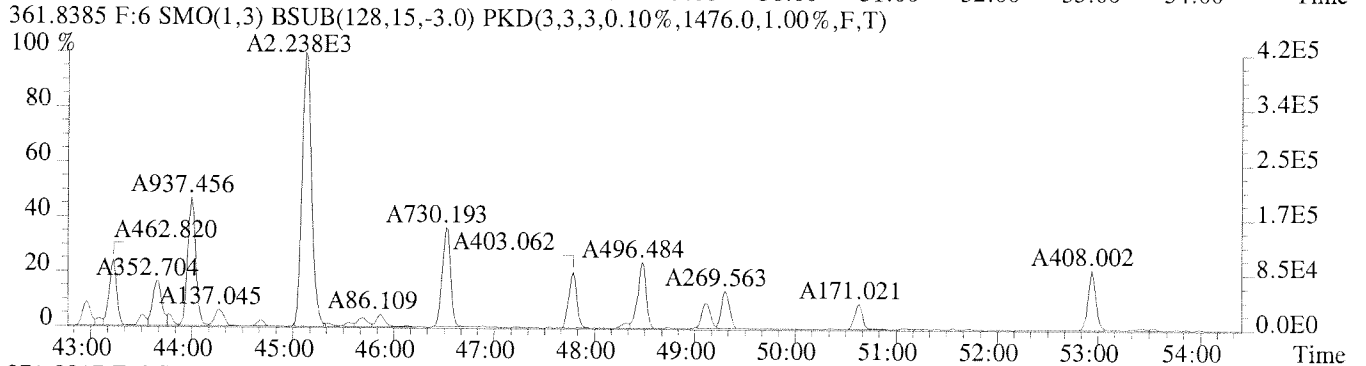
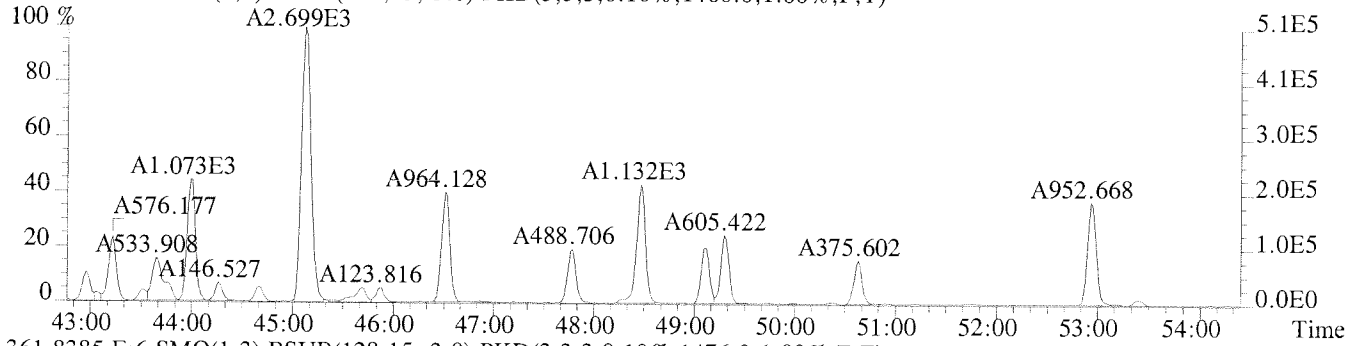
File:U224765 #1-309 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1976.0,1.00%,F,T)



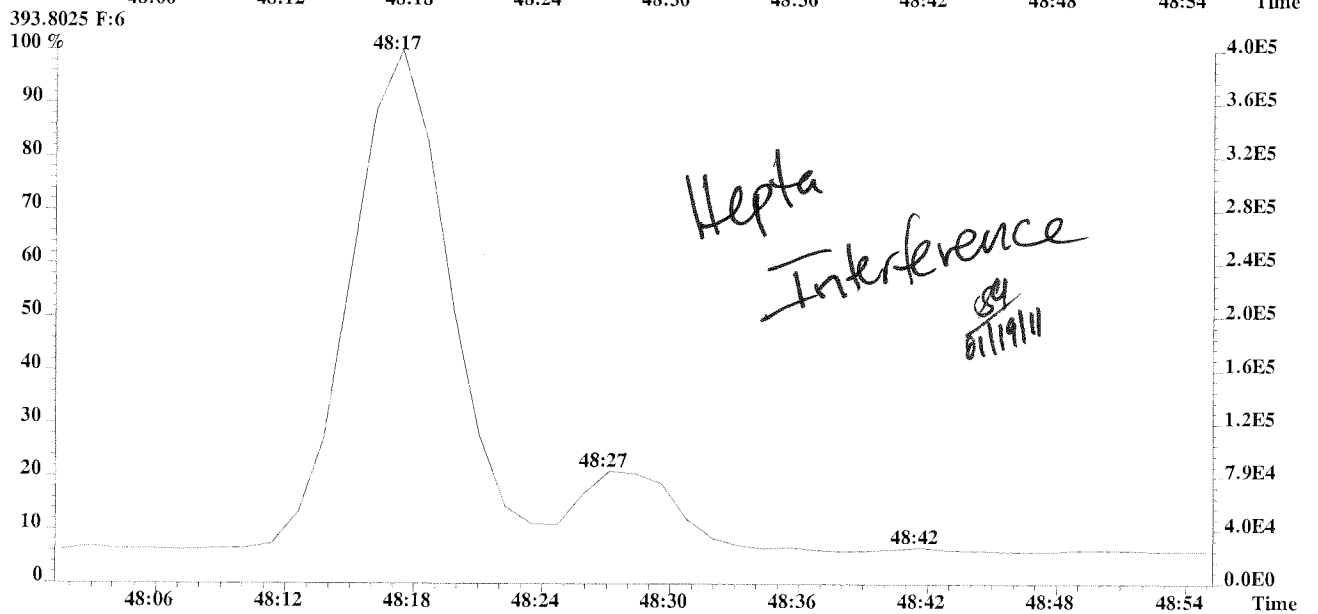
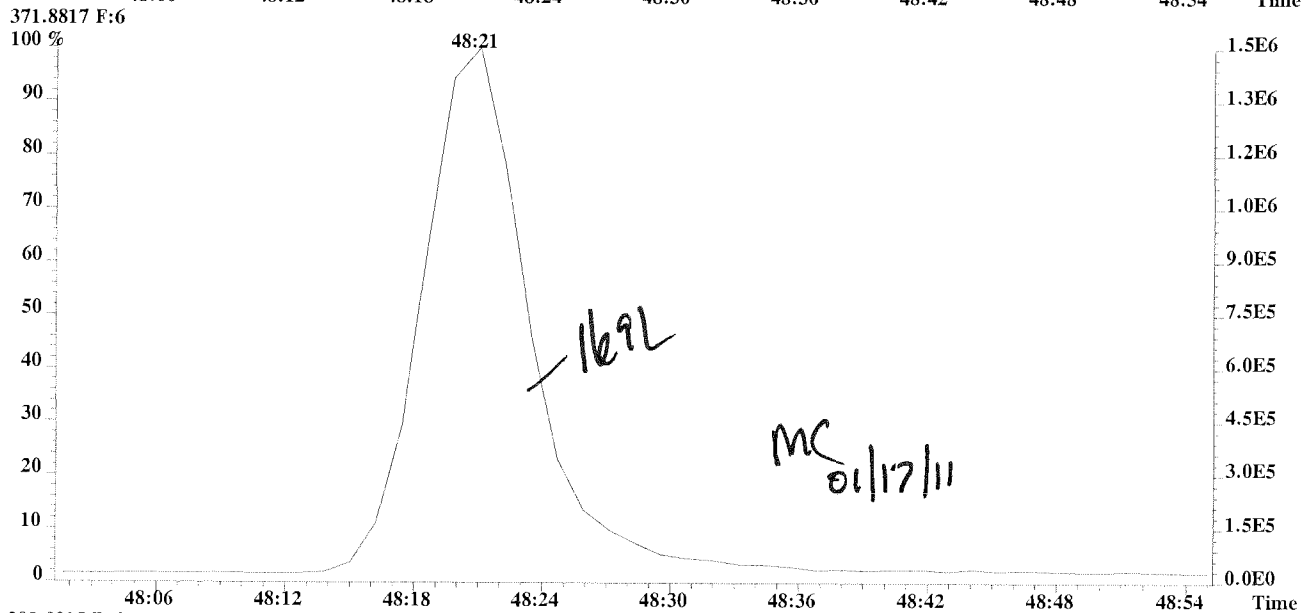
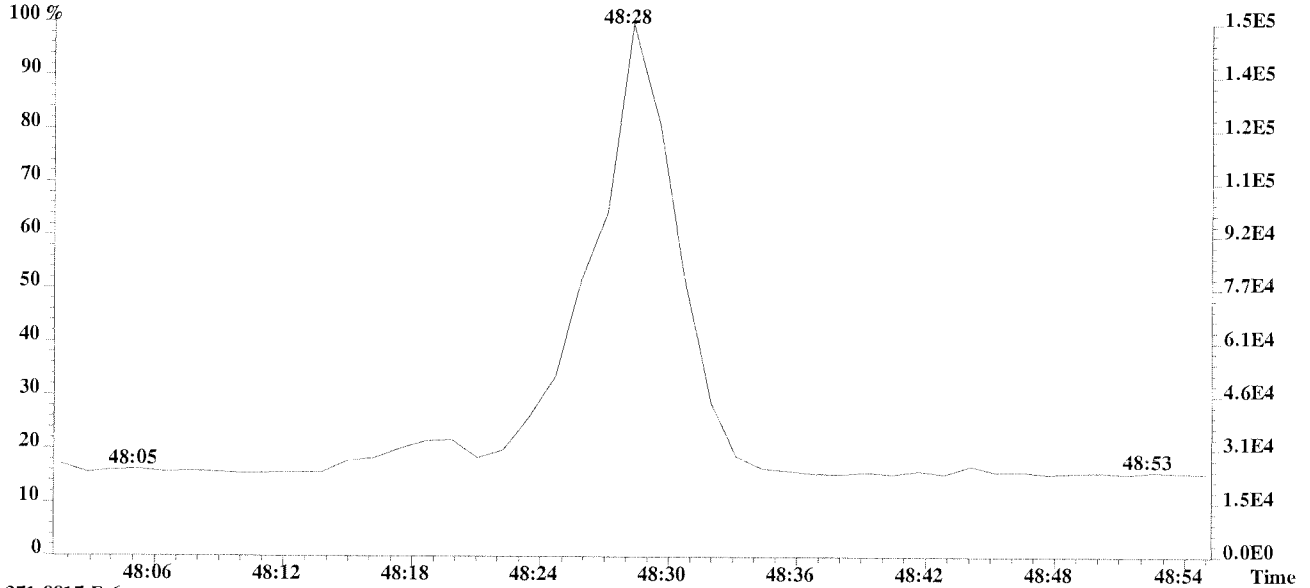
File:U224765 #1-391 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2584.0,1.00%,F,T)



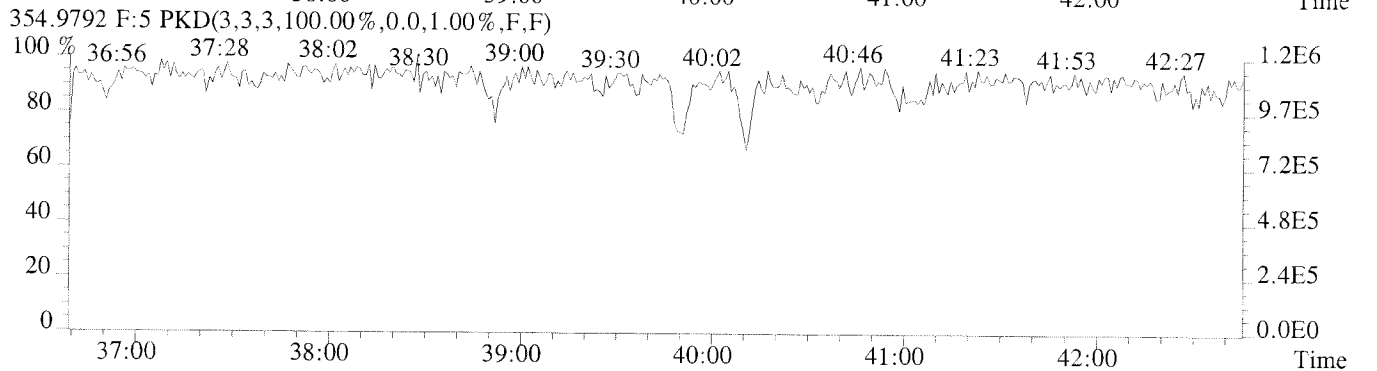
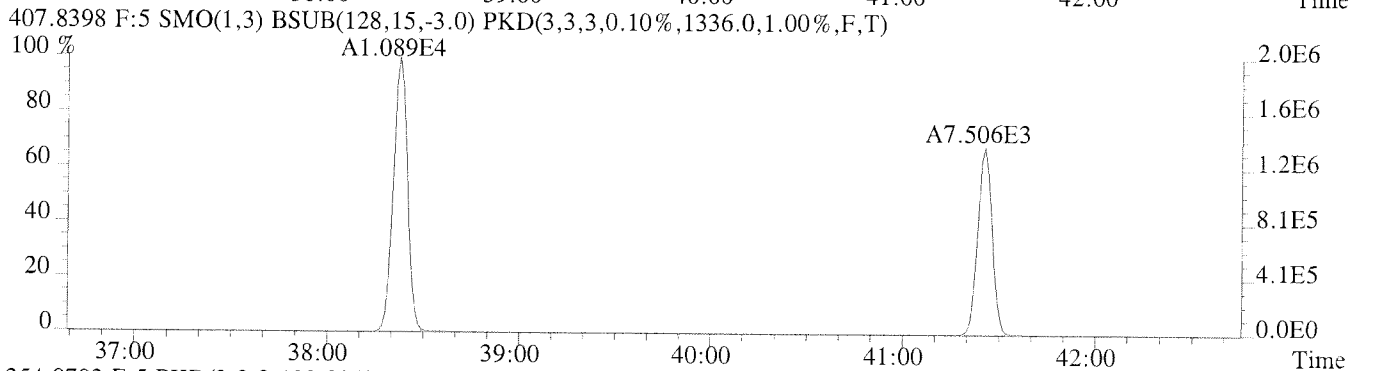
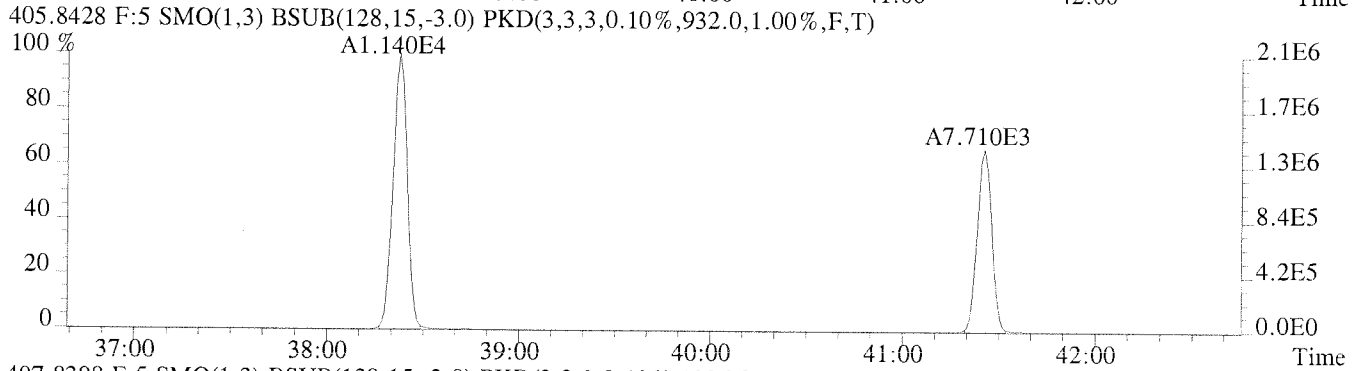
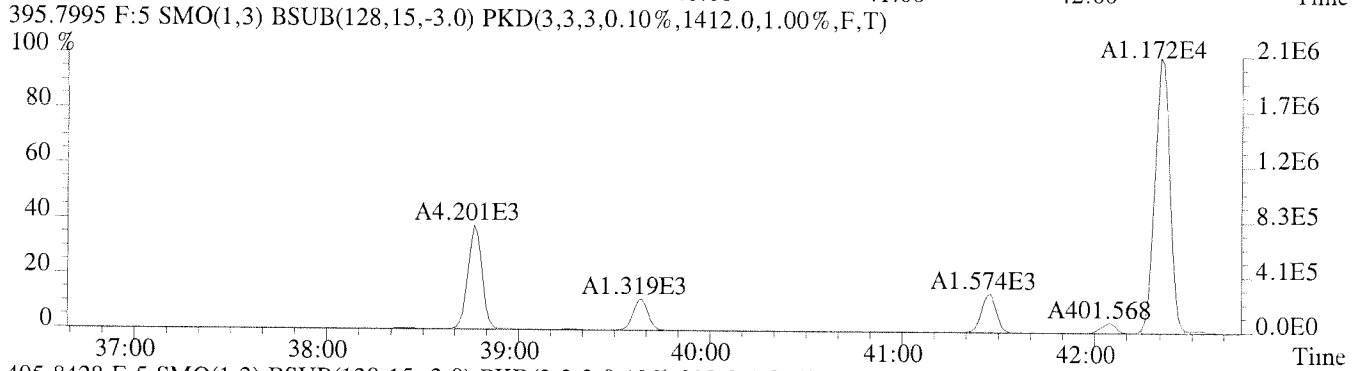
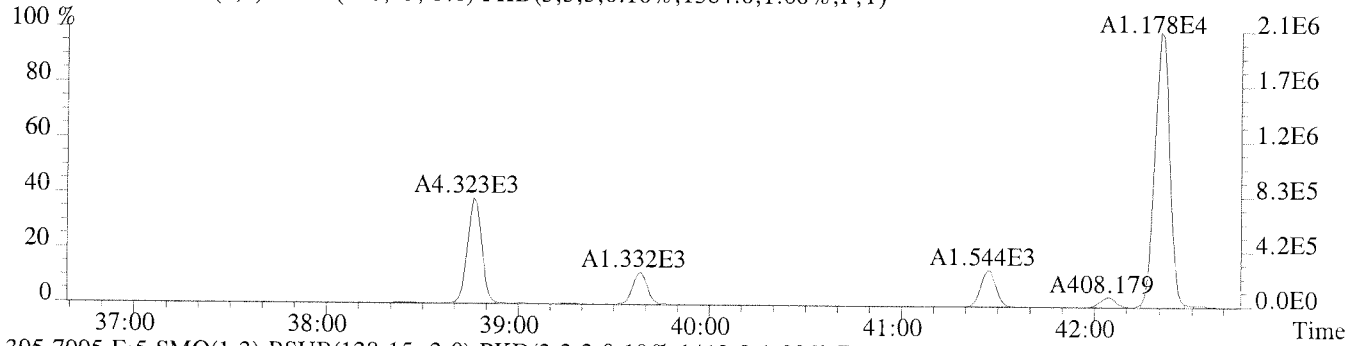
File:U224765 #1-577 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1460.0,1.00%,F,T)



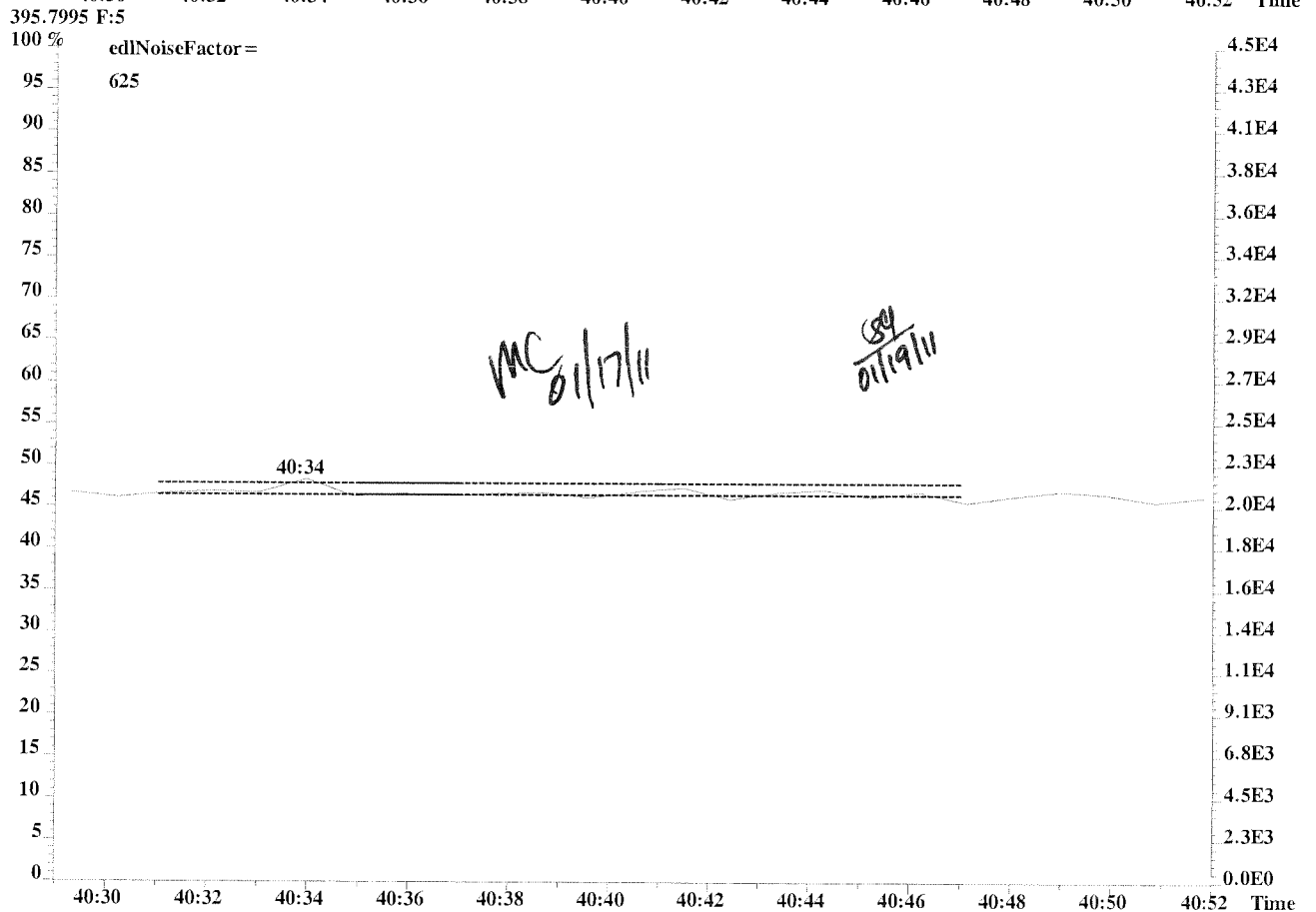
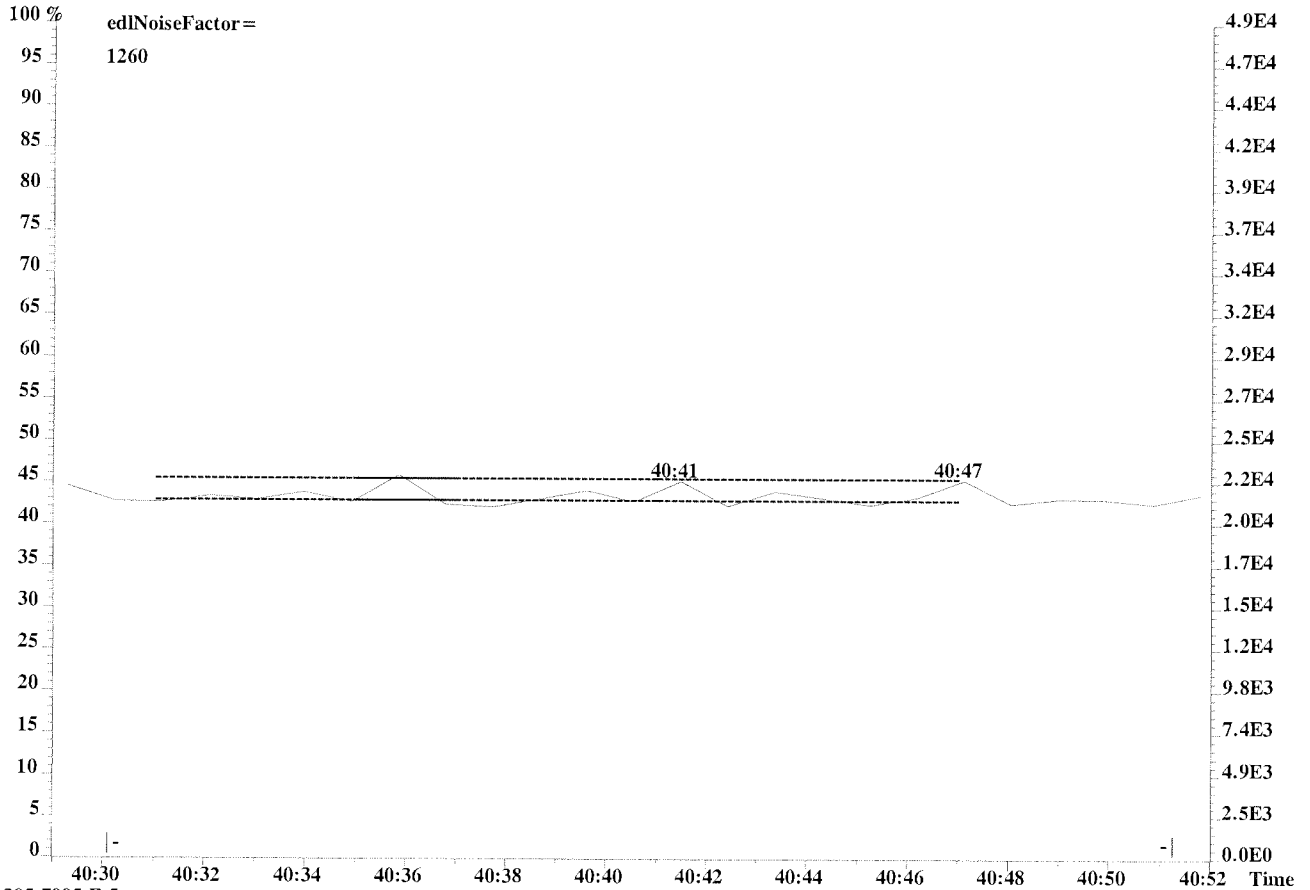
File:U224765 #1-577 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-013 USENE/W111
361.8385 F:6



File:U224765 #1-391 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1384.0,1.00%,F,T)

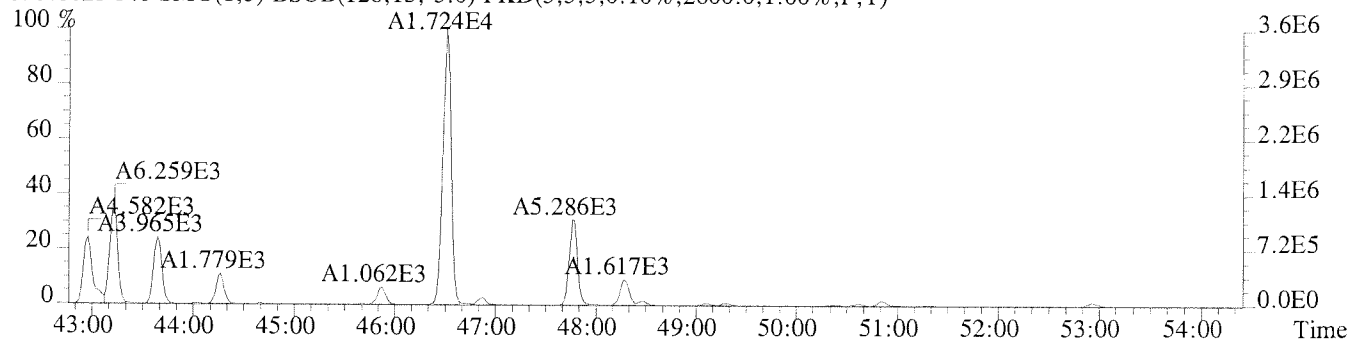


File:U224765 #1-391 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-013 USENE/W111
393.8025 F:5

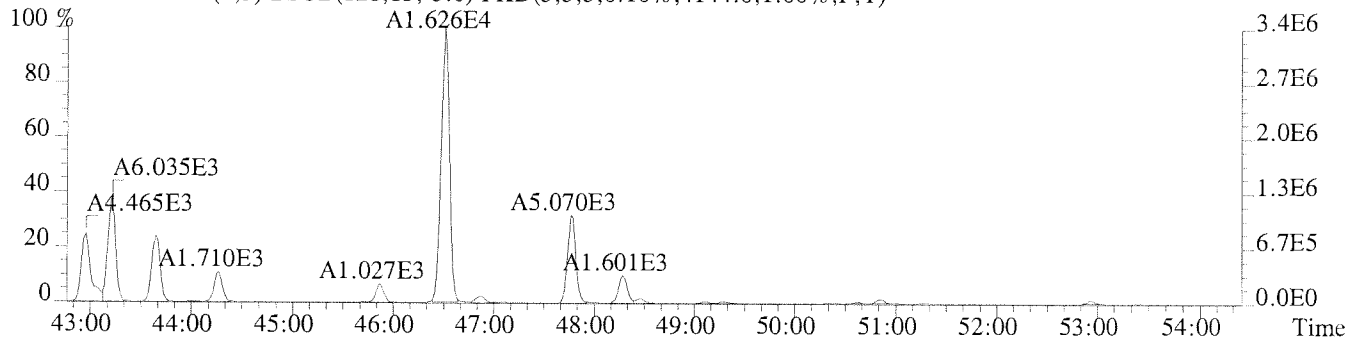


File:U224765 #1-577 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111

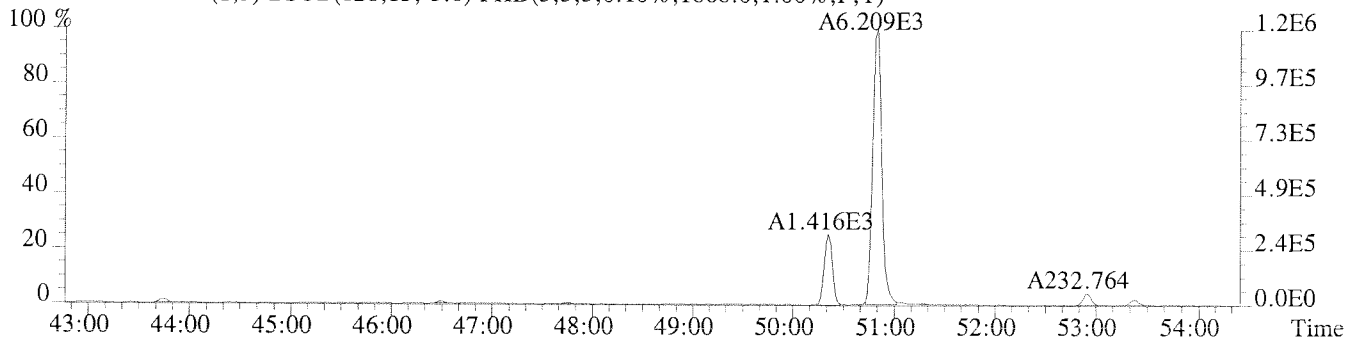
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2600.0,1.00%,F,T)



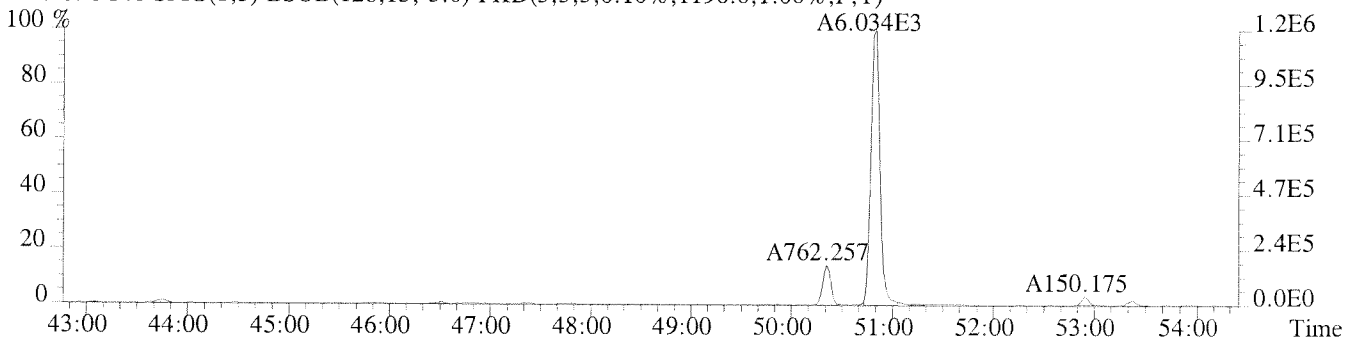
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4144.0,1.00%,F,T)



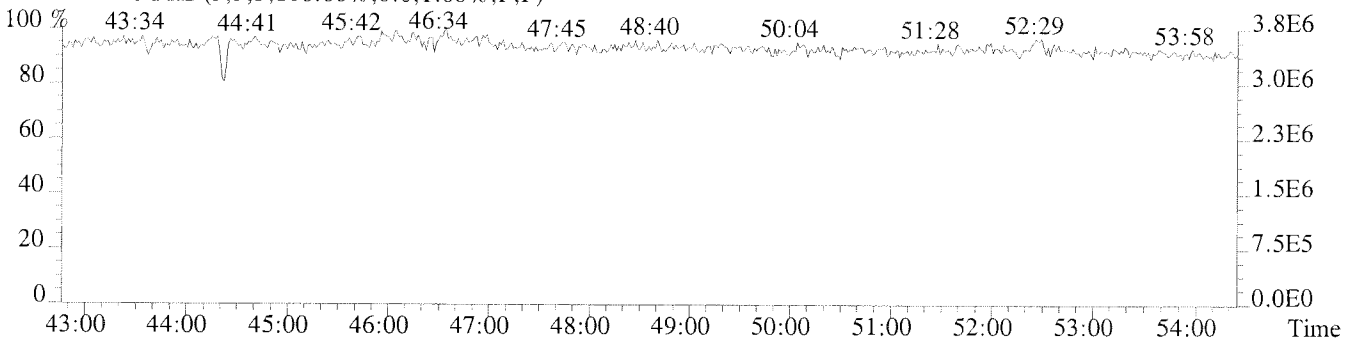
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1868.0,1.00%,F,T)



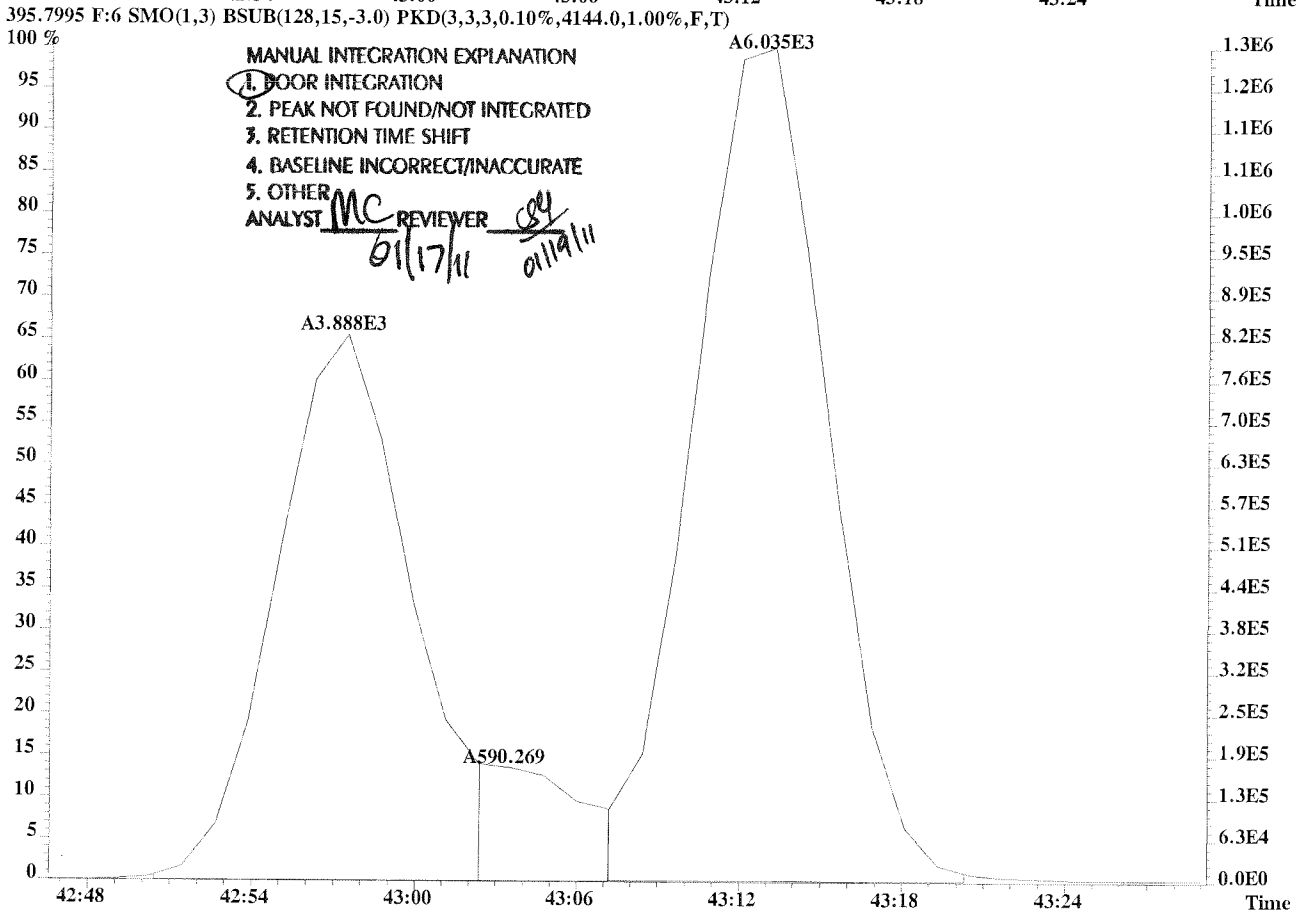
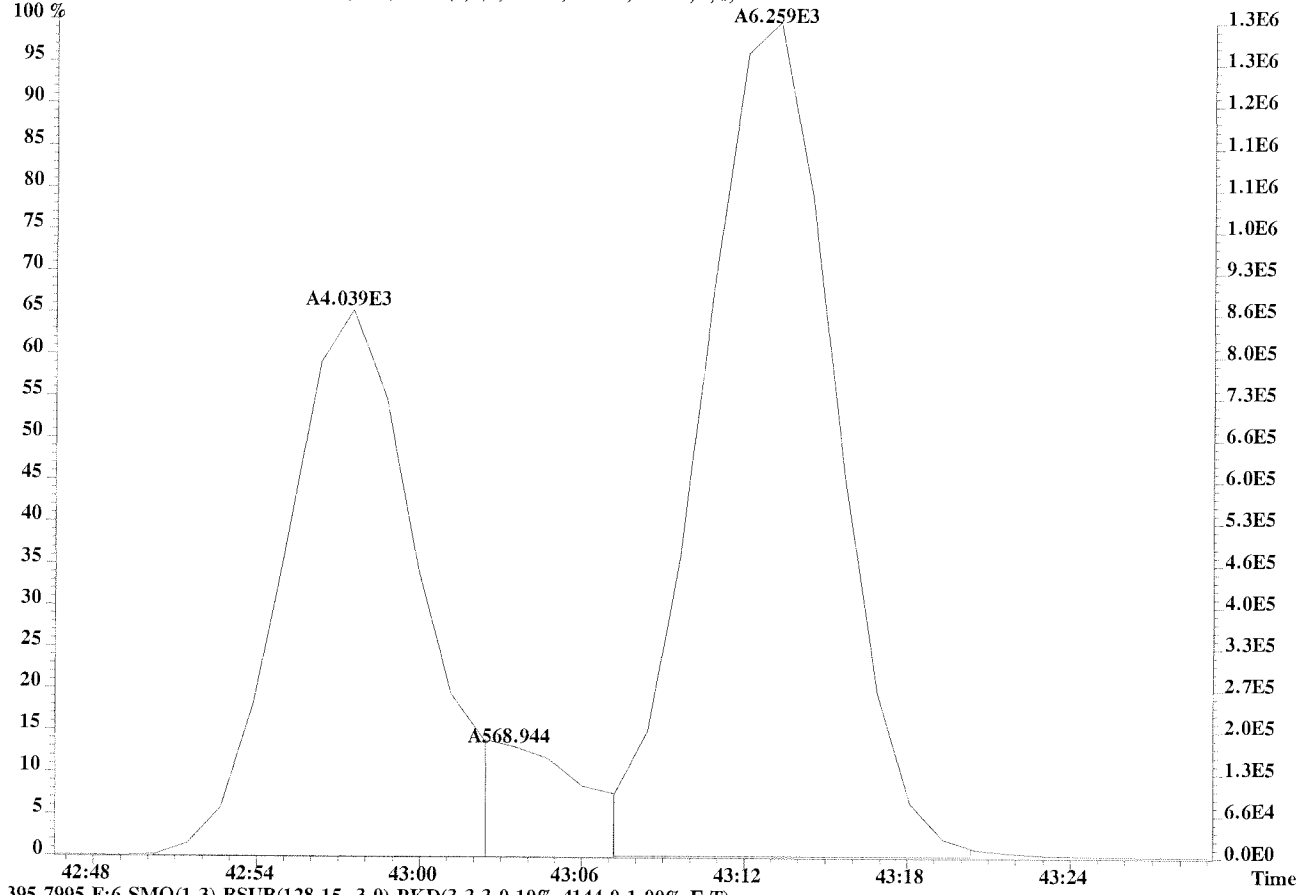
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1196.0,1.00%,F,T)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

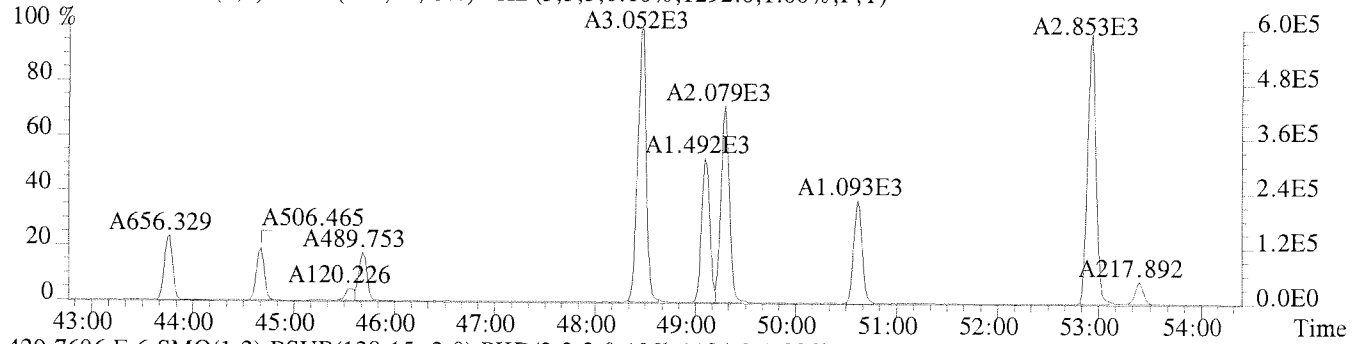


File:U224765 #1-577 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-013 USENE/W111
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2600.0,1.00%,F,T)

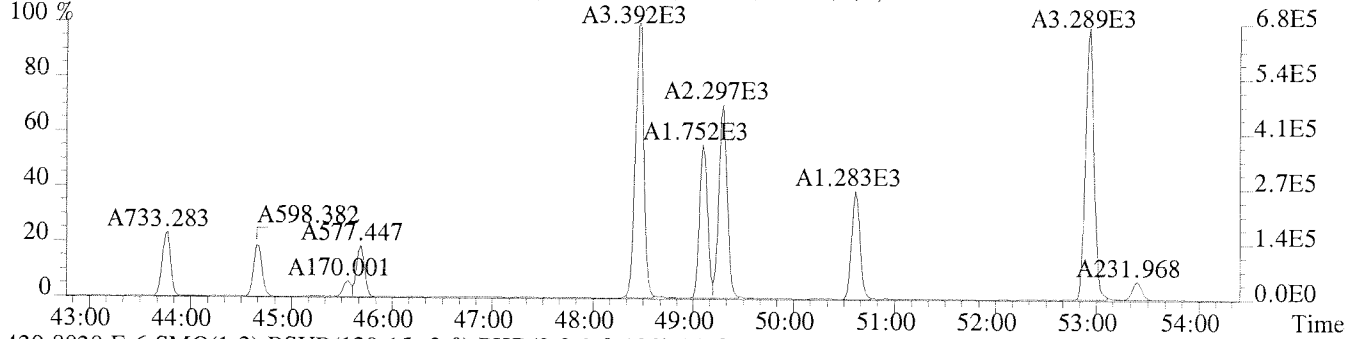


File:U224765 #1-577 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111

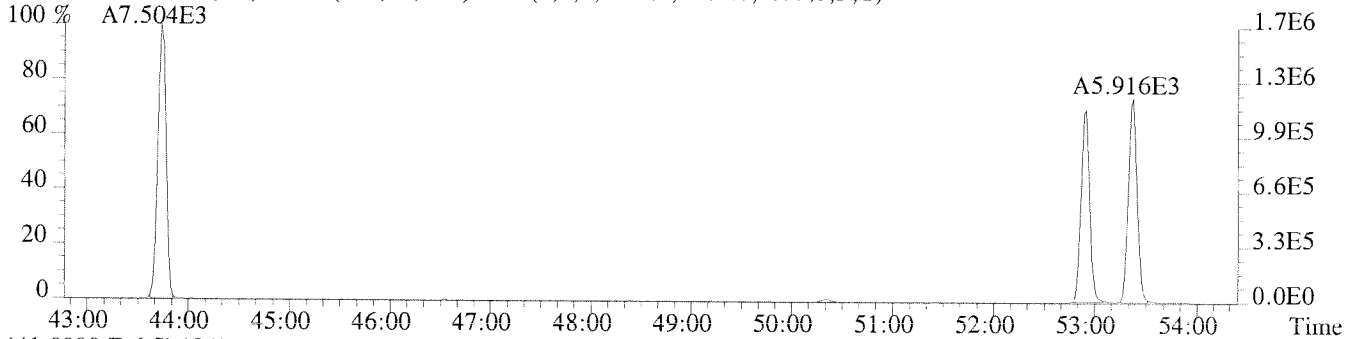
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1292.0,1.00%,F,T)



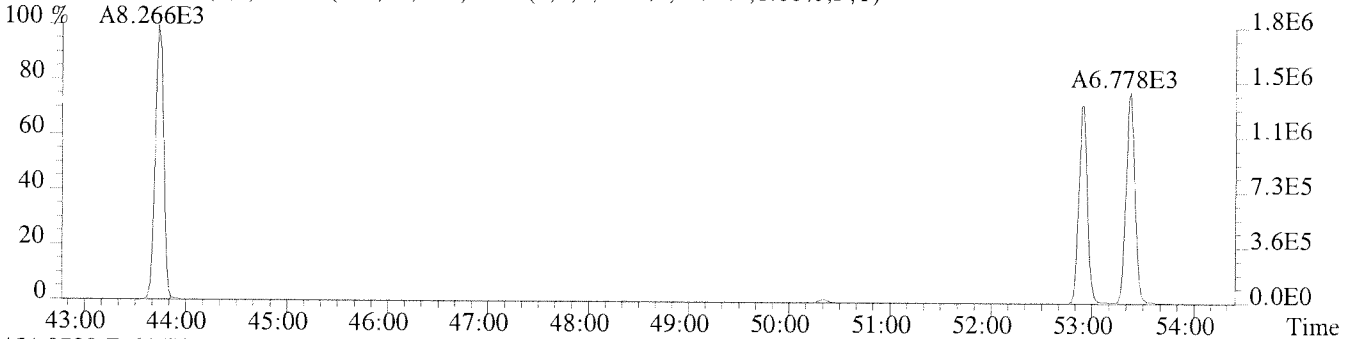
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)



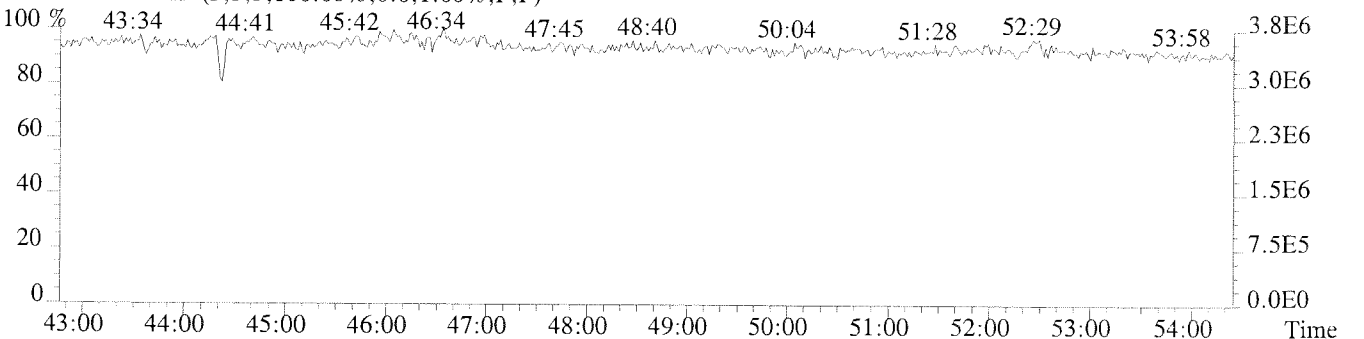
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1440.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1192.0,1.00%,F,T)

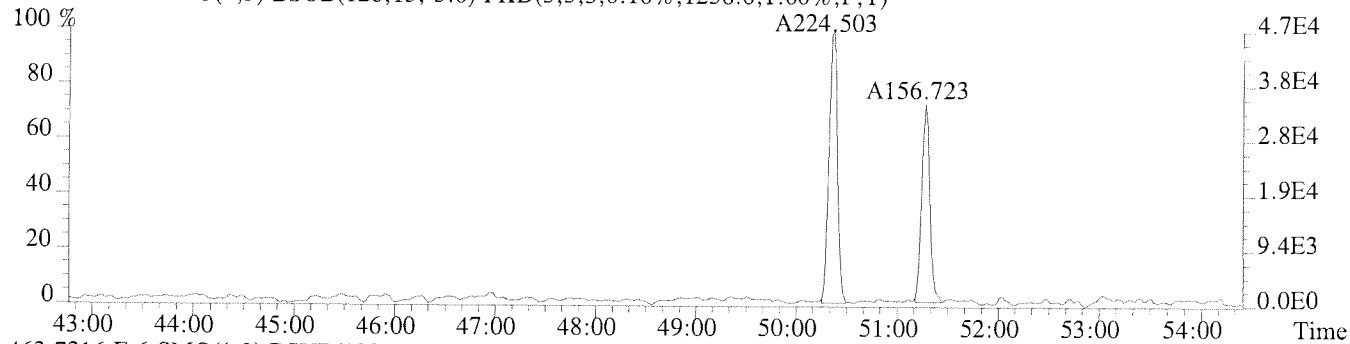


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

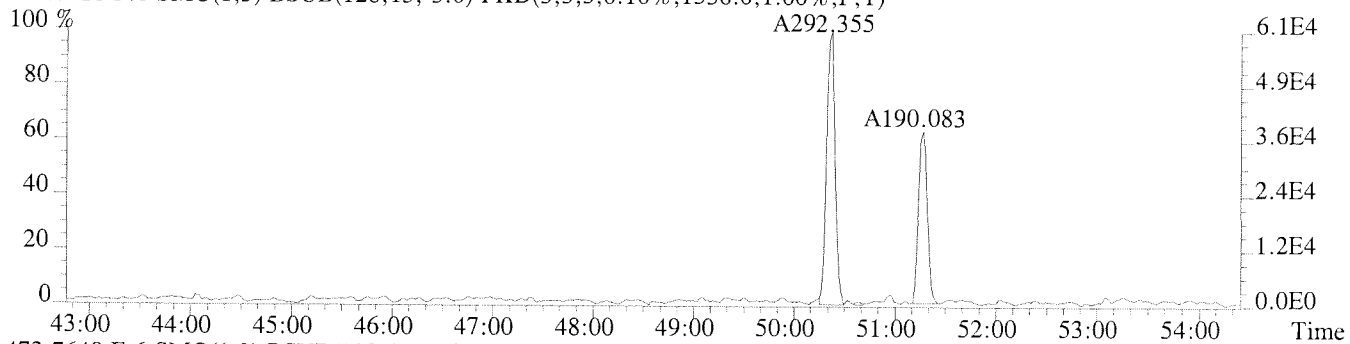


File:U224765 #1-577 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111

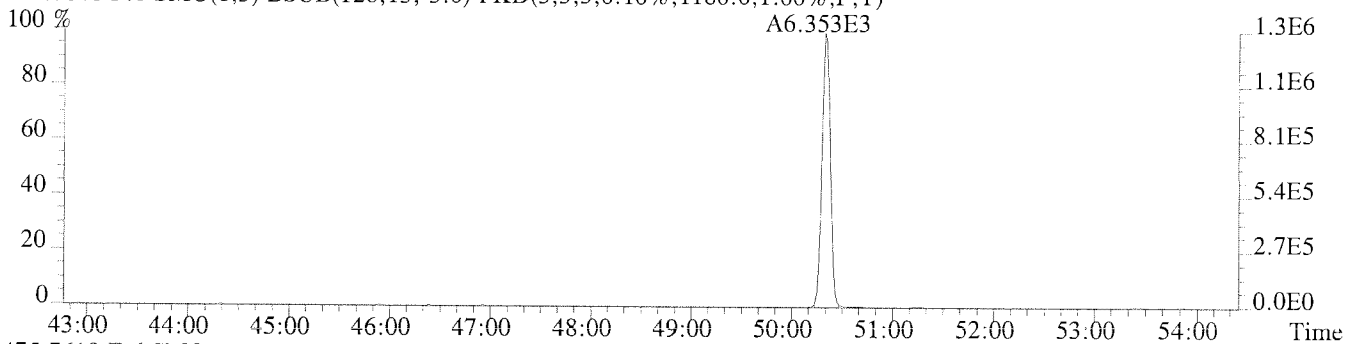
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,T)



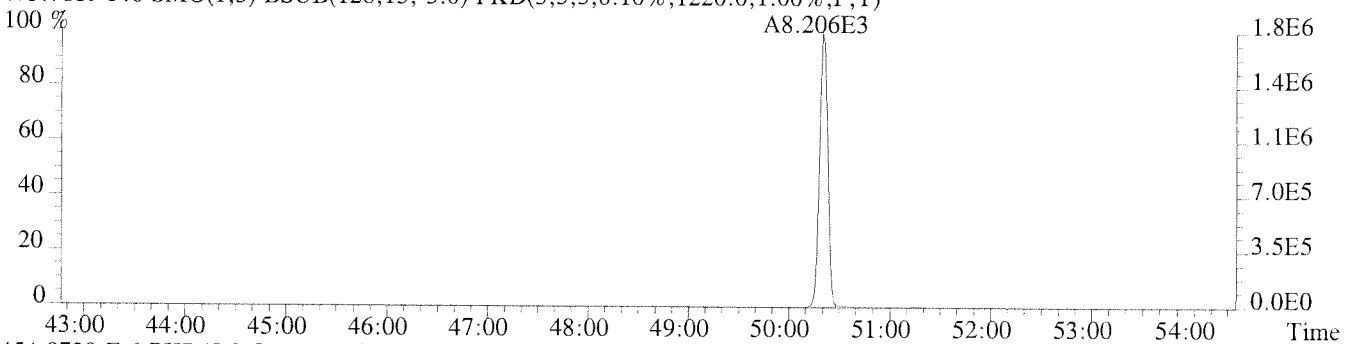
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1336.0,1.00%,F,T)



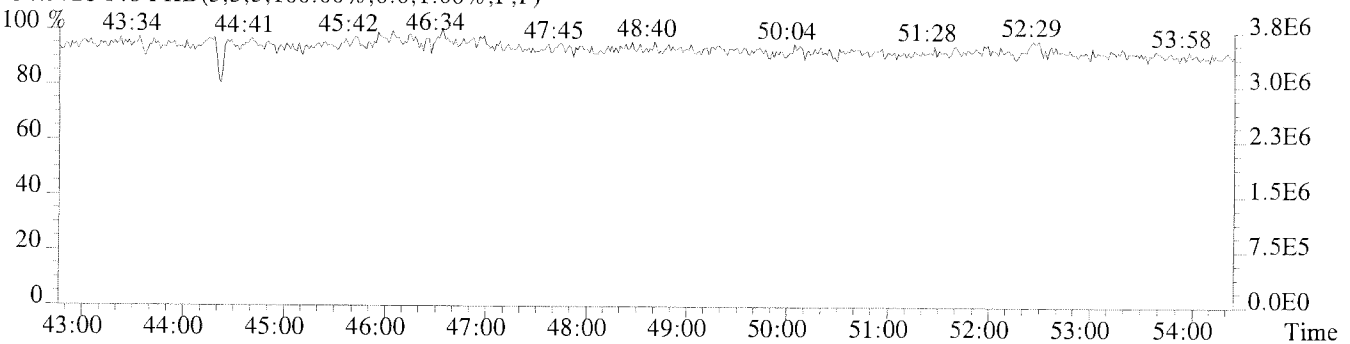
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1180.0,1.00%,F,T)



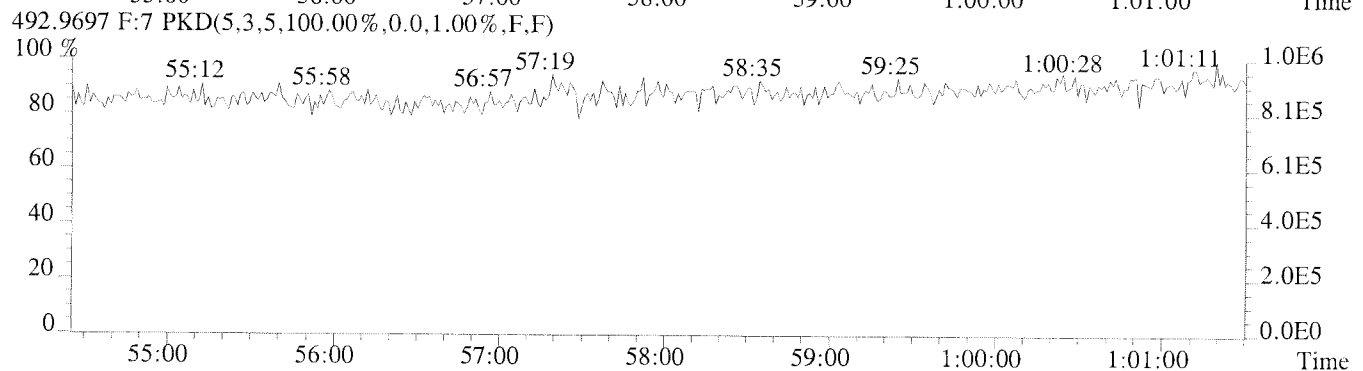
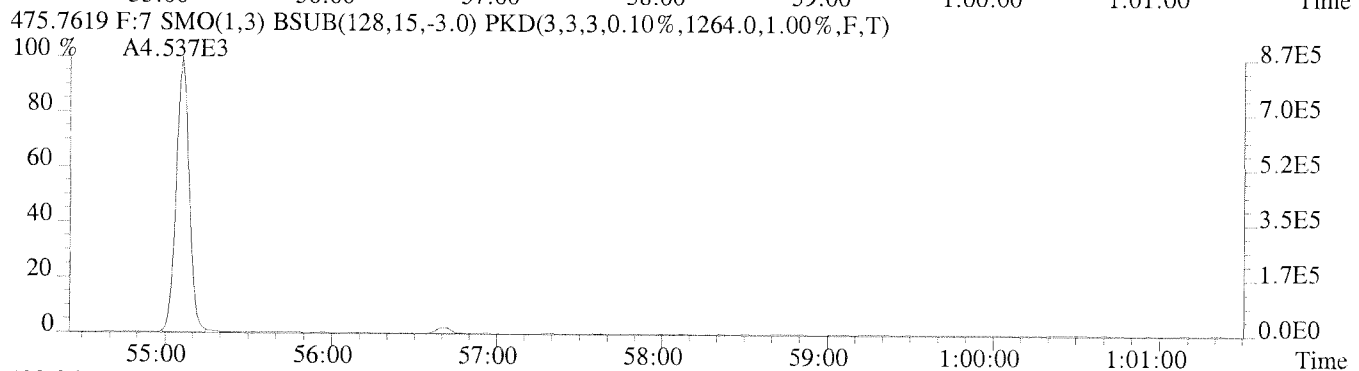
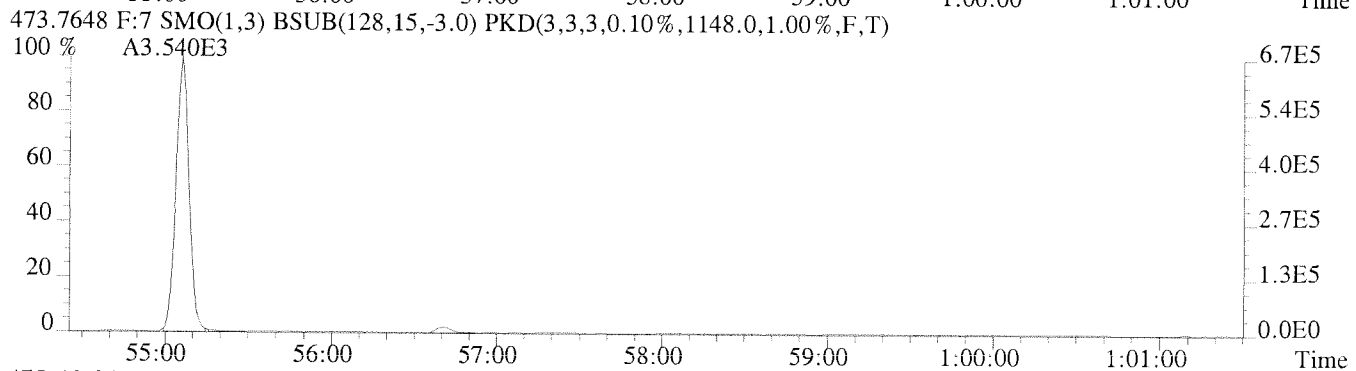
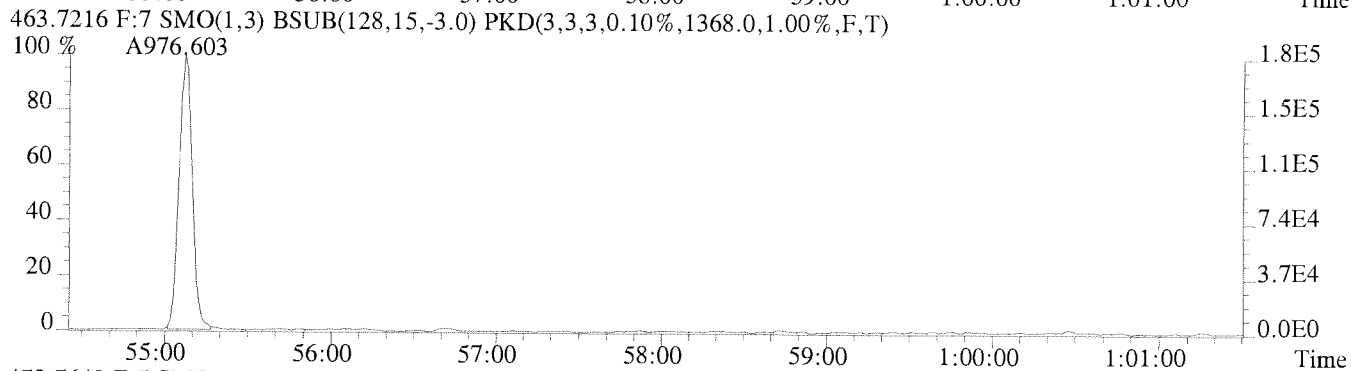
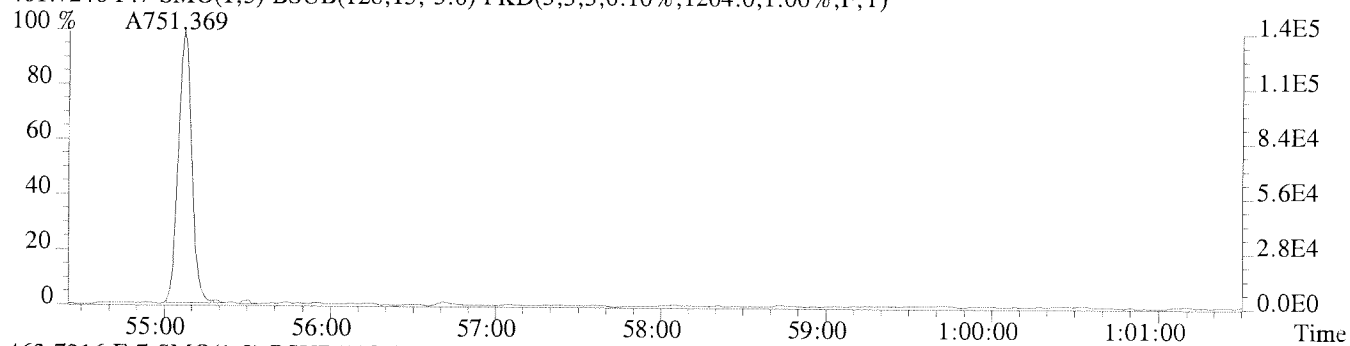
475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1220.0,1.00%,F,T)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

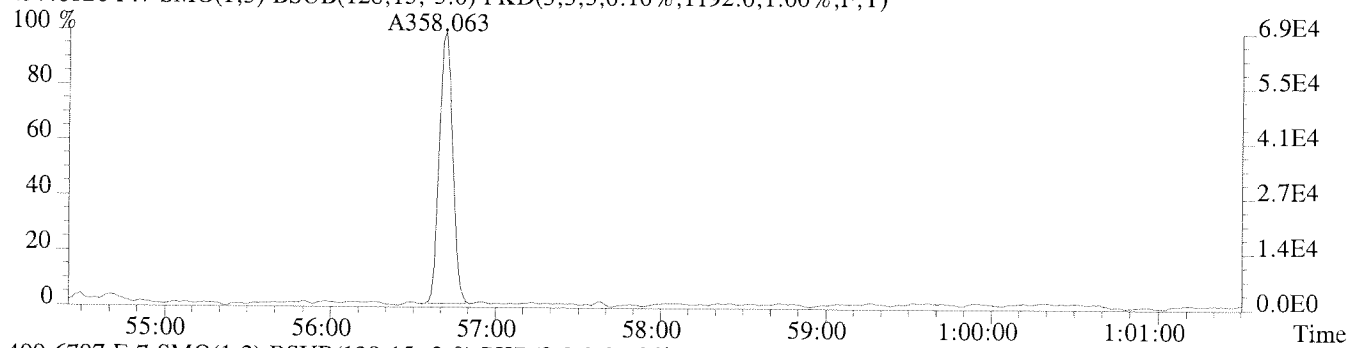


File:U224765 #1-400 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1204.0,1.00%,F,T)

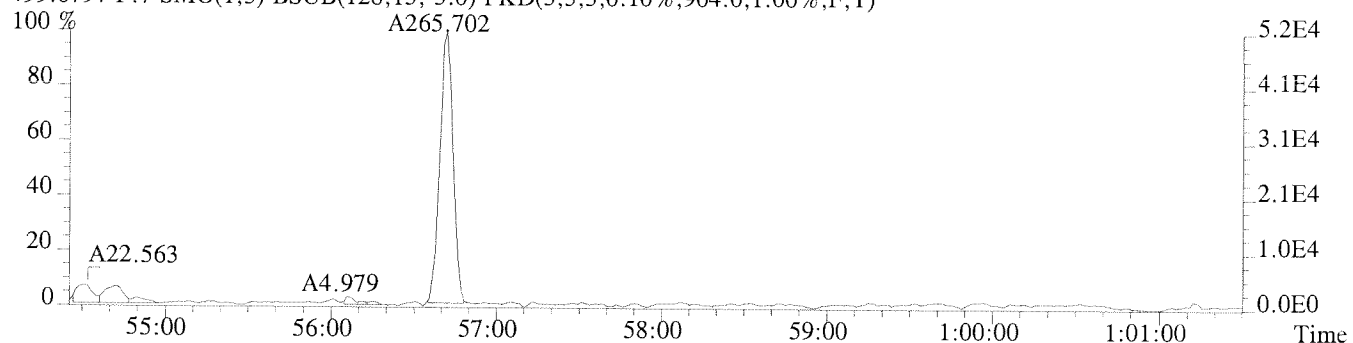


File:U224765 #1-400 Acq:15-JAN-2011 20:14:10 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-013 USENE/W111

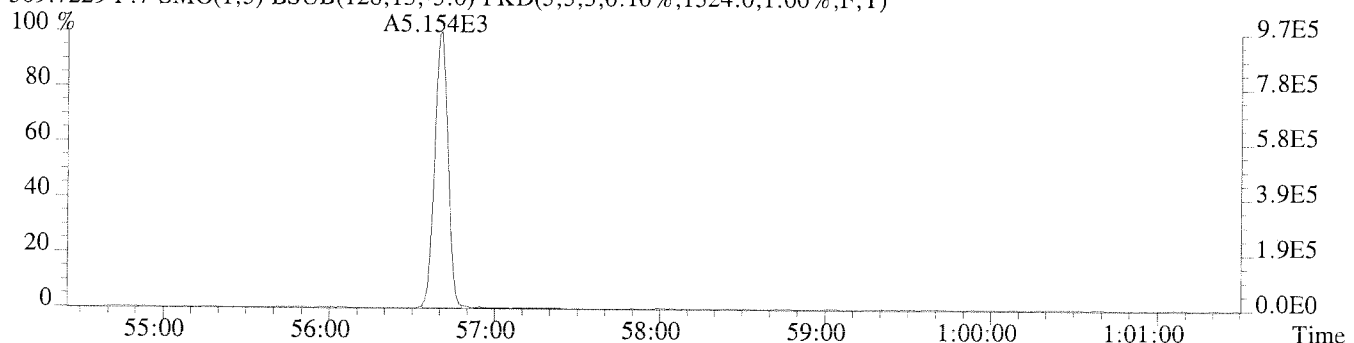
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1192.0,1.00%,F,T)



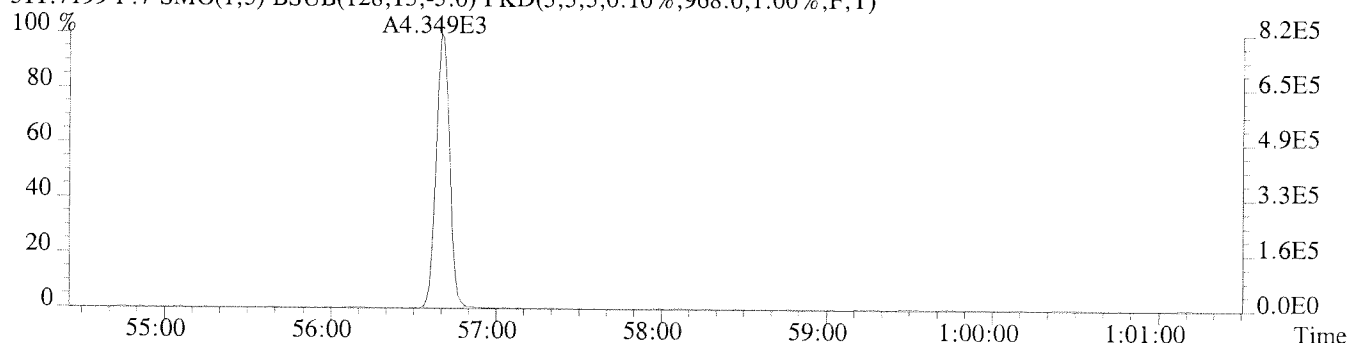
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,904.0,1.00%,F,T)



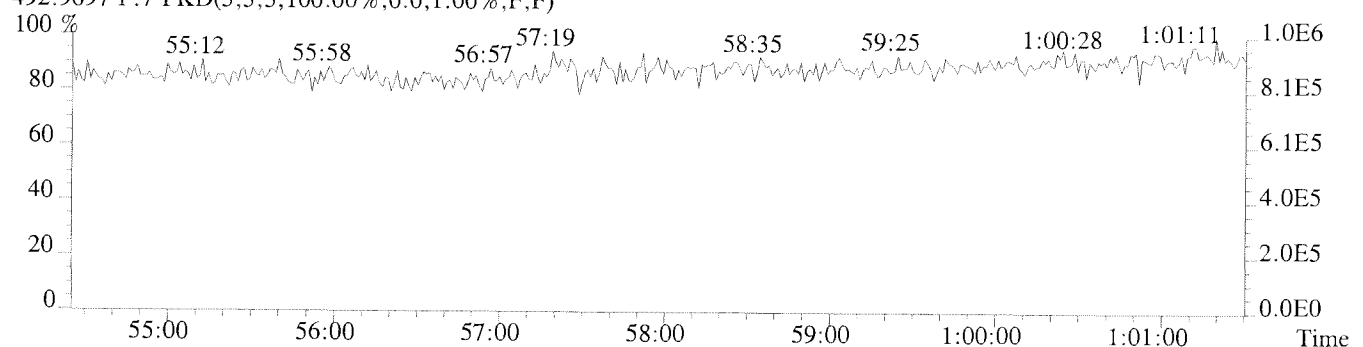
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1324.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,968.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-RO-01-1

Run #14 Filename U224766 Samp: 1 Inj: 1 Acquired: 15-JAN-11 21:22:25
Processed: 17-JAN-11 16:50:09 Sample ID: K1013433-014

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	12:59	5.863e+03	1.927e+03	3.04	y	n	1.062
2	1	PCB-2	15:07	1.357e+03	4.153e+02	3.27	y	y	1.045
3	1	PCB-3	15:16	5.639e+03	1.723e+03	3.27	y	y	1.057
4	1	PCB-4	NotFnd	*	*	*	n	y	0.952
5	1	PCB-10	NotFnd	*	*	*	n	y	1.347
6	2	PCB-9	17:55	2.030e+03	1.497e+03	1.36	y	y	0.979
7	2	PCB-7	NotFnd	*	*	*	n	y	0.997
8	2	PCB-6	18:08	4.967e+03	3.503e+03	1.42	y	y	0.999
9	2	PCB-5	NotFnd	*	*	*	n	y	0.877
10	2	PCB-8	18:29	1.861e+04	1.171e+04	1.59	y	y	1.083
11	2	PCB-14	NotFnd	*	*	*	n	y	1.010
12	2	PCB-11	20:47	4.476e+03	2.845e+03	1.57	y	y	0.968
13	2	PCB-12/13	21:04	3.566e+03	2.254e+03	1.58	y	y	0.985
14	2	PCB-15	21:23	1.544e+04	1.010e+04	1.53	y	y	0.973
15	2	PCB-19	18:47	7.988e+02	7.561e+02	1.06	y	y	1.021
16	2	PCB-18/30	20:30	1.267e+04	1.227e+04	1.03	y	y	0.916
17	2	PCB-17	20:54	4.504e+03	4.474e+03	1.01	y	y	0.767
18	2	PCB-27	21:07	9.762e+02	9.672e+02	1.01	y	y	1.121
19	2	PCB-24	21:15	1.678e+02	1.992e+02	0.84	n	y	1.011
20	2	PCB-16	21:21	4.010e+03	3.910e+03	1.03	y	y	0.648
21	2	PCB-32	21:50	5.336e+03	5.106e+03	1.05	y	y	1.189
22	3	PCB-34	NotFnd	*	*	*	n	n	1.295
23	3	PCB-23	NotFnd	*	*	*	n	n	1.210
24	3	PCB-26/29	23:31	6.032e+03	5.892e+03	1.02	y	n	1.361
25	3	PCB-25	23:45	2.751e+03	2.715e+03	1.01	y	n	1.530
26	3	PCB-31	24:04	3.849e+04	3.747e+04	1.03	y	n	1.416
27	3	PCB-20/28	24:21	4.087e+04	3.958e+04	1.03	y	n	1.290
28	3	PCB-21/33	24:36	2.103e+04	2.005e+04	1.05	y	n	1.445
29	3	PCB-22	24:59	1.560e+04	1.520e+04	1.03	y	n	1.225
30	3	PCB-36	NotFnd	*	*	*	n	n	1.435
31	3	PCB-39	NotFnd	*	*	*	n	n	1.413
32	3	PCB-38	NotFnd	*	*	*	n	n	1.286
33	3	PCB-35	27:56	1.224e+03	1.194e+03	1.02	y	n	1.278
34	3	PCB-37	28:20	1.970e+04	1.926e+04	1.02	y	n	1.082
35	2	PCB-54	21:42	2.723e+01	4.641e+01	0.59	n	n	0.963
36	3	PCB-50/53	23:48	2.084e+03	2.769e+03	0.75	y	n	0.736
37	3	PCB-45/51	24:28	2.626e+03	3.563e+03	0.74	y	n	0.730
38	3	PCB-46	24:47	8.198e+02	1.042e+03	0.79	y	n	0.644
39	3	PCB-52	26:09	2.212e+04	2.824e+04	0.78	y	n	0.781
40	3	PCB-43/73	26:24	7.793e+02	9.037e+02	0.86	y	n	0.778
41	3	PCB-49/69	26:39	1.226e+04	1.572e+04	0.78	y	n	0.885
42	3	PCB-48	26:55	4.057e+03	5.092e+03	0.80	y	n	0.722
43	3	PCB-44/47/65	27:10	1.978e+04	2.529e+04	0.78	y	n	0.814
44	3	PCB-59/62/75	27:28	2.039e+03	2.467e+03	0.83	y	n	0.978
45	3	PCB-42	27:40	5.096e+03	6.530e+03	0.78	y	n	0.715
46	3	PCB-40/41/71	28:11	1.187e+04	1.517e+04	0.78	y	y	0.735
47	3	PCB-64	28:23	1.204e+04	1.526e+04	0.79	y	n	1.052
48	3	PCB-72	29:11	1.805e+02	2.688e+02	0.67	y	y	1.048
49	3	PCB-68	29:28	3.558e+01	7.191e+01	0.49	n	y	1.000
50	3	PCB-57	29:54	7.466e+01	1.054e+02	0.71	y	y	1.006

1	3	PCB-58	NotFnd	*	*	*	n	y	0.970
	3	PCB-67	30:18	8.638e+02	1.167e+03	0.74	y	n	1.135
	3	PCB-63	30:34	1.108e+03	1.558e+03	0.71	y	n	1.090
54	3	PCB-61/70/74/76	30:54	5.608e+04	7.241e+04	0.77	y	y	1.020
55	3	PCB-66	31:14	3.375e+04	4.325e+04	0.78	y	y	1.066
56	3	PCB-55	31:22	8.284e+02	8.929e+02	0.93	n	y	0.907
57	4	PCB-56	31:55	1.946e+04	2.454e+04	0.79	y	n	1.004
58	4	PCB-60	32:07	1.273e+04	1.626e+04	0.78	y	n	0.963
59	4	PCB-80	NotFnd	*	*	*	n	y	1.154
60	4	PCB-79	34:03	8.992e+02	1.421e+03	0.63	n	n	1.115
61	4	PCB-78	NotFnd	*	*	*	n	n	0.980
62	4	PCB-81	35:04	2.576e+02	3.672e+02	0.70	y	y	1.084
63	4	PCB-77	35:43	6.473e+03	8.483e+03	0.76	y	n	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:30	3.890e+02	2.539e+02	1.53	y	n	1.221
66	3	PCB-103	29:22	2.744e+02	1.819e+02	1.51	y	n	0.993
67	3	PCB-94	29:37	1.930e+02	1.030e+02	1.87	n	n	0.795
68	3	PCB-95	30:03	4.046e+04	2.663e+04	1.52	y	n	0.913
69	3	PCB-93/100	30:15	3.394e+02	2.119e+02	1.60	y	n	0.863
70	3	PCB-98/102	30:24	1.462e+03	9.509e+02	1.54	y	n	0.897
71	3	PCB-88/91	30:54	5.084e+03	3.307e+03	1.54	y	n	0.874
72	3	PCB-84	31:09	8.901e+03	5.890e+03	1.51	y	n	0.800
73	3	PCB-89	31:36	5.595e+02	3.994e+02	1.40	y	n	0.834
74	4	PCB-121	NotFnd	*	*	*	n	n	1.009
75	4	PCB-92	32:23	7.986e+03	5.282e+03	1.51	y	n	0.716
76	4	PCB-90/101/113	32:58	6.690e+04	4.333e+04	1.54	y	n	0.814
77	4	PCB-83/99	33:33	2.144e+04	1.404e+04	1.53	y	n	0.690
78	4	PCB-112	NotFnd	*	*	*	n	n	1.015
79	4	PCB-86/87/97/109/119/125	34:09	3.512e+04	2.318e+04	1.52	y	y	0.809
80	4	PCB-117	34:41	8.170e+02	5.502e+02	1.49	y	y	0.820
81	4	PCB-85/116	34:47	8.895e+03	5.724e+03	1.55	y	y	0.883
82	4	PCB-110/115	34:57	7.105e+04	4.551e+04	1.56	y	y	0.948
83	4	PCB-82	35:16	3.625e+03	2.349e+03	1.54	y	n	0.615
84	4	PCB-111	NotFnd	*	*	*	n	n	0.892
85	4	PCB-120	36:06	3.029e+02	2.427e+02	1.25	n	y	0.962
86	5	PCB-108/124	37:14	3.050e+03	2.103e+03	1.45	y	n	0.885
87	5	PCB-107	37:28	4.727e+03	3.221e+03	1.47	y	n	0.943
88	5	PCB-123	37:35	1.567e+03	1.019e+03	1.54	y	n	1.076
89	5	PCB-106	NotFnd	*	*	*	n	n	0.898
90	5	PCB-118	37:54	5.217e+04	3.369e+04	1.55	y	n	1.103
91	5	PCB-122	38:16	8.390e+02	5.712e+02	1.47	y	n	0.818
92	5	PCB-114	38:26	2.427e+03	9.700e+02	2.50	n	n	1.079
93	5	PCB-105	39:06	3.677e+04	2.365e+04	1.56	y	n	1.059
94	5	PCB-127	NotFnd	*	*	*	n	n	0.875
95	5	PCB-126	42:10	7.303e+02	5.813e+02	1.26	n	n	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	NotFnd	*	*	*	n	n	1.591
98	4	PCB-150	33:05	2.847e+02	2.531e+02	1.12	y	n	1.456
99	4	PCB-136	33:32	2.290e+04	1.900e+04	1.21	y	n	1.518
100	4	PCB-145	NotFnd	*	*	*	n	n	1.390
101	4	PCB-148	NotFnd	*	*	*	n	n	1.098
102	4	PCB-135/151	35:53	5.537e+04	4.613e+04	1.20	y	n	1.041
103	4	PCB-154	36:06	1.006e+03	8.126e+02	1.24	y	n	1.242
104	4	PCB-144	36:25	8.793e+03	7.445e+03	1.18	y	n	1.088
105	5	PCB-147/149	36:48	1.215e+05	9.664e+04	1.26	y	n	0.883
106	5	PCB-134	37:00	4.238e+03	3.322e+03	1.28	y	n	0.689
107	5	PCB-143	NotFnd	*	*	*	n	n	0.869

108	5	PCB-139/140	37:22	8.206e+02	6.650e+02	1.23	y	n	0.861
109	5	PCB-131	37:35	8.221e+02	6.628e+02	1.24	y	n	0.763
110	5	PCB-142	NotFnd	*	*	*	n	n	0.761
111	5	PCB-132	38:03	3.206e+04	2.560e+04	1.25	y	n	0.710
112	5	PCB-133	38:30	1.407e+03	1.170e+03	1.20	y	n	0.749
113	5	PCB-165	NotFnd	*	*	*	n	n	0.935
114	5	PCB-146	39:09	2.237e+04	1.771e+04	1.26	y	n	0.905
115	5	PCB-161	NotFnd	*	*	*	n	n	1.097
116	5	PCB-153/168	39:46	1.722e+05	1.369e+05	1.26	y	n	0.974
117	5	PCB-141	39:59	3.542e+04	2.866e+04	1.24	y	n	0.837
118	5	PCB-130	40:25	4.860e+03	4.007e+03	1.21	y	n	0.701
119	5	PCB-137	40:37	2.212e+03	1.922e+03	1.15	y	n	0.774
120	5	PCB-164	40:44	1.206e+04	9.700e+03	1.24	y	n	1.042
121	5	PCB-129/138/163	41:02	1.407e+05	1.128e+05	1.25	y	n	0.837
122	5	PCB-160	NotFnd	*	*	*	n	n	1.023
123	5	PCB-158	41:25	1.763e+04	1.424e+04	1.24	y	n	1.164
124	5	PCB-128/166	42:17	1.569e+04	1.270e+04	1.24	y	n	0.899
125	6	PCB-159	43:14	3.740e+03	2.915e+03	1.28	y	n	0.805
126	6	PCB-162	43:33	3.811e+02	4.104e+02	0.93	n	n	0.756
127	6	PCB-167	44:01	5.052e+03	4.215e+03	1.20	y	n	1.030
128	6	PCB-156/157	45:08	1.041e+04	8.386e+03	1.24	y	n	1.064
129	6	PCB-169	NotFnd	*	*	*	n	y	1.036
130	5	PCB-188	38:24	1.366e+02	1.253e+02	1.09	y	y	0.950
131	5	PCB-179	38:46	3.153e+04	3.089e+04	1.02	y	n	1.134
132	5	PCB-184	NotFnd	*	*	*	n	n	1.120
133	5	PCB-176	39:39	9.961e+03	9.853e+03	1.01	y	n	1.100
134	5	PCB-186	NotFnd	*	*	*	n	n	1.035
135	5	PCB-178	41:28	1.104e+04	1.080e+04	1.02	y	n	0.795
136	5	PCB-175	42:05	2.618e+03	2.505e+03	1.05	y	n	0.835
137	5	PCB-187	42:21	8.075e+04	7.923e+04	1.02	y	n	0.868
138	5	PCB-182	42:33	2.462e+02	3.021e+02	0.81	n	n	0.862
139	6	PCB-183	42:58	2.826e+04	2.704e+04	1.05	y	y	0.646
140	6	PCB-185	43:04	3.788e+03	3.288e+03	1.15	y	y	0.493
141	6	PCB-174	43:13	4.468e+04	4.223e+04	1.06	y	y	0.545
142	6	PCB-177	43:40	2.331e+04	2.172e+04	1.07	y	n	0.533
143	6	PCB-181	NotFnd	*	*	*	n	n	0.519
144	6	PCB-171/173	44:16	1.223e+04	1.174e+04	1.04	y	n	0.516
145	6	PCB-172	45:53	7.695e+03	7.283e+03	1.06	y	n	0.524
146	6	PCB-192	NotFnd	*	*	*	n	n	0.624
147	6	PCB-180/193	46:32	1.192e+05	1.136e+05	1.05	y	n	0.642
148	6	PCB-191	46:53	2.772e+03	2.407e+03	1.15	y	n	0.686
149	6	PCB-170	47:47	3.570e+04	3.452e+04	1.03	y	n	0.478
150	6	PCB-190	48:17	1.076e+04	1.031e+04	1.04	y	n	0.672
151	6	PCB-189	50:51	1.664e+03	1.632e+03	1.02	y	n	0.912
152	6	PCB-202	43:46	3.914e+03	4.318e+03	0.91	y	n	0.869
153	6	PCB-201	44:41	3.264e+03	3.838e+03	0.85	y	n	0.943
154	6	PCB-204	NotFnd	*	*	*	n	n	0.942
155	6	PCB-197	45:34	8.471e+02	9.847e+02	0.86	y	n	0.918
156	6	PCB-200	45:42	3.541e+03	4.025e+03	0.88	y	n	0.930
157	6	PCB-198/199	48:28	1.928e+04	2.184e+04	0.88	y	n	0.627
158	6	PCB-196	49:06	9.761e+03	1.093e+04	0.89	y	n	0.638
159	6	PCB-203	49:18	1.227e+04	1.379e+04	0.89	y	n	0.683
160	6	PCB-195	50:37	7.238e+03	8.192e+03	0.88	y	n	0.610
161	6	PCB-194	52:56	1.789e+04	2.032e+04	0.88	y	n	0.629
162	6	PCB-205	53:24	1.175e+03	1.359e+03	0.86	y	n	0.933
163	6	PCB-208	50:22	8.168e+02	1.102e+03	0.74	y	n	0.915
164	6	PCB-207	51:17	6.551e+02	8.146e+02	0.80	y	n	1.154

165	7	PCB-206	55:07	2.992e+03	3.806e+03	0.79	y	n	0.937
166	7	PCB-209	56:42	3.620e+02	2.879e+02	1.26	y	n	0.925
167	1	PCB-11L	12:58	1.852e+04	5.666e+03	3.27	y	y	1.162
168	1	PCB-3L	15:16	1.899e+04	6.143e+03	3.09	y	y	1.187
169	1	PCB-4L	15:32	1.216e+04	7.870e+03	1.55	y	n	0.907
170	2	PCB-15L	21:22	1.402e+04	8.654e+03	1.62	y	n	1.030
171	2	PCB-19L	18:45	6.144e+03	5.710e+03	1.08	y	n	0.615
172	3	PCB-37L	28:19	1.525e+04	1.368e+04	1.11	y	n	1.320
173	2	PCB-54L	21:41	1.012e+04	1.267e+04	0.80	y	n	1.261
174	4	PCB-81L	35:02	1.151e+04	1.418e+04	0.81	y	n	1.088
175	4	PCB-77L	35:42	1.281e+04	1.576e+04	0.81	y	n	1.091
176	3	PCB-104L	27:05	1.586e+04	1.011e+04	1.57	y	n	1.480
177	5	PCB-123L	37:34	1.600e+04	9.954e+03	1.61	y	n	1.214
178	5	PCB-118L	37:53	1.589e+04	9.822e+03	1.62	y	n	1.246
179	5	PCB-114L	38:24	1.639e+04	9.959e+03	1.65	y	n	1.236
180	5	PCB-105L	39:05	1.711e+04	1.032e+04	1.66	y	n	1.197
181	5	PCB-126L	42:09	1.640e+04	1.014e+04	1.62	y	n	1.105
182	4	PCB-155L	32:41	1.756e+04	1.424e+04	1.23	y	n	1.599
183	6	PCB-167L	43:59	1.120e+04	8.461e+03	1.32	y	n	1.051
184	6	PCB-156/157L	45:08	2.131e+04	1.619e+04	1.32	y	n	0.962
185	6	PCB-169L	48:21	9.878e+03	7.573e+03	1.30	y	n	0.886
186	5	PCB-188L	38:23	1.441e+04	1.392e+04	1.03	y	n	2.483
187	6	PCB-189L	50:50	8.246e+03	7.858e+03	1.05	y	n	1.503
188	6	PCB-202L	43:45	9.385e+03	1.068e+04	0.88	y	n	1.757
189	6	PCB-205L	53:23	8.076e+03	8.987e+03	0.90	y	n	1.317
190	6	PCB-208L	50:21	8.449e+03	1.076e+04	0.79	y	n	1.446
191	7	PCB-206L	55:06	4.597e+03	5.898e+03	0.78	y	n	1.176
192	7	PCB-209L	56:41	7.013e+03	5.893e+03	1.19	y	n	1.606
193	3	PCB-28L	24:20	1.449e+04	1.375e+04	1.05	y	n	1.538
194	4	PCB-111L	35:40	1.571e+04	1.004e+04	1.56	y	n	1.238
195	5	PCB-178L	41:27	9.694e+03	9.480e+03	1.02	y	n	0.895
196	2	PCB-9L	17:54	1.684e+04	1.041e+04	1.62	y	n	-
197	3	PCB-52L	26:09	1.009e+04	1.258e+04	0.80	y	n	-
198	4	PCB-101L	32:56	1.543e+04	9.855e+03	1.57	y	n	-
199	5	PCB-138L	40:59	1.589e+04	1.242e+04	1.28	y	n	-
200	6	PCB-194L	52:55	7.479e+03	8.219e+03	0.91	y	n	-

-- Sample Calculation--

$$\begin{aligned}
 & (3.620e+02 + 2.879e+02) \times 10000 \text{ pg} \times 1 \\
 \text{PCB-209} = & \frac{\text{-----}}{(7.013e+03 + 5.893e+03) \times (5.880 \text{ g}) \times (100 \text{ ---}) / 100} \times 0.9245 = 9263 \text{ ng/kg} \\
 & \text{84} \\
 & \text{01/19/11}
 \end{aligned}$$

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sp166respa
 02/2009

Run #14 Filename U224766#1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 21:22:25

Processed: 17-JAN-11 16:50:09 LAB. ID: K1013433-014

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	4.72e+05	2.77e+03	1.7e+02	1.49e+05	2.50e+03	6.0e+01
2	PCB-2	1.68e+05	2.77e+03	6.1e+01	5.16e+04	2.50e+03	2.1e+01
3	PCB-3	2.88e+05	2.77e+03	1.0e+02	9.25e+04	2.50e+03	3.7e+01
4	PCB-4	*	9.09e+03	*	*	4.50e+04	*
5	PCB-10	*	9.09e+03	*	*	4.50e+04	*
6	PCB-9	6.41e+05	1.20e+04	5.4e+01	4.56e+05	5.04e+04	9.0e+00
7	PCB-7	*	1.20e+04	*	*	5.04e+04	*
8	PCB-6	1.54e+06	1.20e+04	1.3e+02	1.06e+06	5.04e+04	2.1e+01
9	PCB-5	*	1.20e+04	*	*	5.04e+04	*
10	PCB-8	4.71e+06	1.20e+04	3.9e+02	3.02e+06	5.04e+04	6.0e+01
11	PCB-14	*	1.20e+04	*	*	5.04e+04	*
12	PCB-11	1.06e+06	1.20e+04	8.8e+01	6.92e+05	5.04e+04	1.4e+01
13	PCB-12/13	7.42e+05	1.20e+04	6.2e+01	4.86e+05	5.04e+04	9.6e+00
14	PCB-15	3.65e+06	1.20e+04	3.0e+02	2.43e+06	5.04e+04	4.8e+01
15	PCB-19	2.08e+05	1.39e+04	1.5e+01	1.93e+05	2.28e+03	8.5e+01
16	PCB-18/30	3.21e+06	1.39e+04	2.3e+02	3.11e+06	2.28e+03	1.4e+03
17	PCB-17	1.12e+06	1.39e+04	8.1e+01	1.09e+06	2.28e+03	4.8e+02
18	PCB-27	2.37e+05	1.39e+04	1.7e+01	2.26e+05	2.28e+03	9.9e+01
19	PCB-24	5.60e+04	1.39e+04	4.0e+00	6.11e+04	2.28e+03	2.7e+01
20	PCB-16	9.86e+05	1.39e+04	7.1e+01	9.54e+05	2.28e+03	4.2e+02
21	PCB-32	1.31e+06	1.39e+04	9.4e+01	1.25e+06	2.28e+03	5.5e+02
22	PCB-34	*	5.38e+04	*	*	5.33e+04	*
23	PCB-23	*	5.38e+04	*	*	5.33e+04	*
24	PCB-26/29	1.25e+06	5.38e+04	2.3e+01	1.21e+06	5.33e+04	2.3e+01
25	PCB-25	5.33e+05	5.38e+04	9.9e+00	5.34e+05	5.33e+04	1.0e+01
26	PCB-31	7.77e+06	5.38e+04	1.4e+02	7.54e+06	5.33e+04	1.4e+02
27	PCB-20/28	7.84e+06	5.38e+04	1.5e+02	7.62e+06	5.33e+04	1.4e+02
28	PCB-21/33	4.23e+06	5.38e+04	7.9e+01	4.05e+06	5.33e+04	7.6e+01
29	PCB-22	3.09e+06	5.38e+04	5.7e+01	3.04e+06	5.33e+04	5.7e+01
30	PCB-36	*	5.38e+04	*	*	5.33e+04	*
31	PCB-39	*	5.38e+04	*	*	5.33e+04	*
32	PCB-38	*	5.38e+04	*	*	5.33e+04	*
33	PCB-35	2.54e+05	5.38e+04	4.7e+00	2.44e+05	5.33e+04	4.6e+00
34	PCB-37	3.57e+06	5.38e+04	6.6e+01	3.44e+06	5.33e+04	6.5e+01
35	PCB-54	6.85e+03	1.45e+03	4.7e+00	1.23e+04	1.43e+03	8.6e+00
36	PCB-50/53	4.25e+05	2.01e+03	2.1e+02	5.74e+05	1.56e+03	3.7e+02
37	PCB-45/51	4.23e+05	2.01e+03	2.1e+02	5.56e+05	1.56e+03	3.6e+02
38	PCB-46	1.71e+05	2.01e+03	8.5e+01	2.11e+05	1.56e+03	1.4e+02
39	PCB-52	4.29e+06	2.01e+03	2.1e+03	5.53e+06	1.56e+03	3.5e+03
40	PCB-43/73	1.24e+05	2.01e+03	6.2e+01	1.58e+05	1.56e+03	1.0e+02
41	PCB-49/69	2.37e+06	2.01e+03	1.2e+03	3.11e+06	1.56e+03	2.0e+03
42	PCB-48	7.84e+05	2.01e+03	3.9e+02	1.02e+06	1.56e+03	6.5e+02
43	PCB-44/47/65	3.54e+06	2.01e+03	1.8e+03	4.53e+06	1.56e+03	2.9e+03
44	PCB-59/62/75	3.76e+05	2.01e+03	1.9e+02	4.55e+05	1.56e+03	2.9e+02
45	PCB-42	9.97e+05	2.01e+03	5.0e+02	1.25e+06	1.56e+03	8.0e+02
46	PCB-40/41/71	1.90e+06	2.01e+03	9.4e+02	2.44e+06	1.56e+03	1.6e+03
47	PCB-64	2.29e+06	2.01e+03	1.1e+03	2.93e+06	1.56e+03	1.9e+03

48	PCB-72	3.91e+04	2.01e+03	1.9e+01	5.48e+04	1.56e+03	3.5e+01
49	PCB-68	9.45e+03	2.01e+03	4.7e+00	1.74e+04	1.56e+03	1.1e+01
50	PCB-57	1.62e+04	2.01e+03	8.1e+00	2.31e+04	1.56e+03	1.5e+01
51	PCB-58	*	2.01e+03	*	*	1.56e+03	*
52	PCB-67	1.55e+05	2.01e+03	7.7e+01	2.09e+05	1.56e+03	1.3e+02
53	PCB-63	2.06e+05	2.01e+03	1.0e+02	2.89e+05	1.56e+03	1.9e+02
54	PCB-61/70/74/76	7.52e+06	2.01e+03	3.7e+03	9.76e+06	1.56e+03	6.3e+03
55	PCB-66	5.99e+06	2.01e+03	3.0e+03	7.70e+06	1.56e+03	4.9e+03
56	PCB-55	1.70e+05	2.01e+03	8.5e+01	1.99e+05	1.56e+03	1.3e+02
57	PCB-56	3.51e+06	7.70e+03	4.6e+02	4.39e+06	1.18e+04	3.7e+02
58	PCB-60	2.11e+06	7.70e+03	2.7e+02	2.72e+06	1.18e+04	2.3e+02
59	PCB-80	*	7.70e+03	*	*	1.18e+04	*
60	PCB-79	1.63e+05	7.70e+03	2.1e+01	2.25e+05	1.18e+04	1.9e+01
61	PCB-78	*	7.70e+03	*	*	1.18e+04	*
62	PCB-81	5.27e+04	7.70e+03	6.8e+00	7.32e+04	1.18e+04	6.2e+00
63	PCB-77	9.24e+05	7.70e+03	1.2e+02	1.23e+06	1.18e+04	1.0e+02
64	PCB-104	*	1.40e+03	*	*	1.46e+03	*
65	PCB-96	7.71e+04	1.40e+03	5.5e+01	4.90e+04	1.46e+03	3.4e+01
66	PCB-103	5.75e+04	1.40e+03	4.1e+01	3.96e+04	1.46e+03	2.7e+01
67	PCB-94	3.79e+04	1.40e+03	2.7e+01	2.18e+04	1.46e+03	1.5e+01
68	PCB-95	7.80e+06	1.40e+03	5.6e+03	5.13e+06	1.46e+03	3.5e+03
69	PCB-93/100	6.61e+04	1.40e+03	4.7e+01	4.34e+04	1.46e+03	3.0e+01
70	PCB-98/102	2.60e+05	1.40e+03	1.9e+02	1.60e+05	1.46e+03	1.1e+02
71	PCB-88/91	9.38e+05	1.40e+03	6.7e+02	6.24e+05	1.46e+03	4.3e+02
72	PCB-84	1.68e+06	1.40e+03	1.2e+03	1.11e+06	1.46e+03	7.6e+02
73	PCB-89	1.04e+05	1.40e+03	7.4e+01	7.26e+04	1.46e+03	5.0e+01
74	PCB-121	*	5.04e+03	*	*	3.05e+03	*
75	PCB-92	1.45e+06	5.04e+03	2.9e+02	9.41e+05	3.05e+03	3.1e+02
76	PCB-90/101/113	1.20e+07	5.04e+03	2.4e+03	7.79e+06	3.05e+03	2.6e+03
77	PCB-83/99	3.46e+06	5.04e+03	6.9e+02	2.26e+06	3.05e+03	7.4e+02
78	PCB-112	*	5.04e+03	*	*	3.05e+03	*
79	PCB-86/87/97/109/119/125	3.71e+06	5.04e+03	7.4e+02	2.38e+06	3.05e+03	7.8e+02
80	PCB-117	2.26e+05	5.04e+03	4.5e+01	1.42e+05	3.05e+03	4.7e+01
81	PCB-85/116	1.61e+06	5.04e+03	3.2e+02	1.03e+06	3.05e+03	3.4e+02
82	PCB-110/115	1.24e+07	5.04e+03	2.4e+03	7.94e+06	3.05e+03	2.6e+03
83	PCB-82	6.01e+05	5.04e+03	1.2e+02	3.87e+05	3.05e+03	1.3e+02
84	PCB-111	*	5.04e+03	*	*	3.05e+03	*
85	PCB-120	6.67e+04	5.04e+03	1.3e+01	3.98e+04	3.05e+03	1.3e+01
86	PCB-108/124	6.05e+05	4.96e+04	1.2e+01	3.97e+05	2.79e+04	1.4e+01
87	PCB-107	8.40e+05	4.96e+04	1.7e+01	5.53e+05	2.79e+04	2.0e+01
88	PCB-123	3.19e+05	4.96e+04	6.4e+00	2.05e+05	2.79e+04	7.3e+00
89	PCB-106	*	4.96e+04	*	*	2.79e+04	*
90	PCB-118	9.43e+06	4.96e+04	1.9e+02	6.12e+06	2.79e+04	2.2e+02
91	PCB-122	1.70e+05	4.96e+04	3.4e+00	1.08e+05	2.79e+04	3.9e+00
92	PCB-114	3.24e+05	4.96e+04	6.5e+00	2.07e+05	2.79e+04	7.4e+00
93	PCB-105	6.18e+06	4.96e+04	1.2e+02	3.98e+06	2.79e+04	1.4e+02
94	PCB-127	*	4.96e+04	*	*	2.79e+04	*
95	PCB-126	1.48e+05	4.96e+04	3.0e+00	1.00e+05	2.79e+04	3.6e+00
96	PCB-155	*	2.48e+03	*	*	2.53e+03	*
97	PCB-152	*	2.48e+03	*	*	2.53e+03	*
98	PCB-150	5.37e+04	2.48e+03	2.2e+01	4.94e+04	2.53e+03	2.0e+01
99	PCB-136	4.19e+06	2.48e+03	1.7e+03	3.50e+06	2.53e+03	1.4e+03
100	PCB-145	*	2.48e+03	*	*	2.53e+03	*
101	PCB-148	*	2.48e+03	*	*	2.53e+03	*
102	PCB-135/151	8.16e+06	2.48e+03	3.3e+03	6.81e+06	2.53e+03	2.7e+03
103	PCB-154	1.91e+05	2.48e+03	7.7e+01	1.57e+05	2.53e+03	6.2e+01
104	PCB-144	1.59e+06	2.48e+03	6.4e+02	1.31e+06	2.53e+03	5.2e+02

105	PCB-147/149	2.19e+07	6.93e+03	3.2e+03	1.74e+07	5.69e+03	3.1e+03
106	PCB-134	7.70e+05	6.93e+03	1.1e+02	5.96e+05	5.69e+03	1.0e+02
107	PCB-143	*	6.93e+03	*	*	5.69e+03	*
108	PCB-139/140	1.49e+05	6.93e+03	2.1e+01	1.19e+05	5.69e+03	2.1e+01
109	PCB-131	1.64e+05	6.93e+03	2.4e+01	1.35e+05	5.69e+03	2.4e+01
110	PCB-142	*	6.93e+03	*	*	5.69e+03	*
111	PCB-132	5.97e+06	6.93e+03	8.6e+02	4.79e+06	5.69e+03	8.4e+02
112	PCB-133	2.49e+05	6.93e+03	3.6e+01	2.17e+05	5.69e+03	3.8e+01
113	PCB-165	*	6.93e+03	*	*	5.69e+03	*
114	PCB-146	3.93e+06	6.93e+03	5.7e+02	3.13e+06	5.69e+03	5.5e+02
115	PCB-161	*	6.93e+03	*	*	5.69e+03	*
116	PCB-153/168	3.13e+07	6.93e+03	4.5e+03	2.49e+07	5.69e+03	4.4e+03
117	PCB-141	6.00e+06	6.93e+03	8.7e+02	4.74e+06	5.69e+03	8.3e+02
118	PCB-130	8.71e+05	6.93e+03	1.3e+02	7.11e+05	5.69e+03	1.3e+02
119	PCB-137	4.16e+05	6.93e+03	6.0e+01	3.63e+05	5.69e+03	6.4e+01
120	PCB-164	2.33e+06	6.93e+03	3.4e+02	1.85e+06	5.69e+03	3.2e+02
121	PCB-129/138/163	2.33e+07	6.93e+03	3.4e+03	1.86e+07	5.69e+03	3.3e+03
122	PCB-160	*	6.93e+03	*	*	5.69e+03	*
123	PCB-158	3.09e+06	6.93e+03	4.5e+02	2.48e+06	5.69e+03	4.4e+02
124	PCB-128/166	2.22e+06	6.93e+03	3.2e+02	1.79e+06	5.69e+03	3.1e+02
125	PCB-159	8.04e+05	1.54e+03	5.2e+02	6.27e+05	6.40e+03	9.8e+01
126	PCB-162	1.05e+05	1.54e+03	6.8e+01	9.06e+04	6.40e+03	1.4e+01
127	PCB-167	1.11e+06	1.54e+03	7.2e+02	9.13e+05	6.40e+03	1.4e+02
128	PCB-156/157	2.01e+06	1.54e+03	1.3e+03	1.60e+06	6.40e+03	2.5e+02
129	PCB-169	*	1.54e+03	*	*	6.40e+03	*
130	PCB-188	2.48e+04	1.70e+03	1.5e+01	2.19e+04	1.54e+03	1.4e+01
131	PCB-179	5.64e+06	1.70e+03	3.3e+03	5.56e+06	1.54e+03	3.6e+03
132	PCB-184	*	1.70e+03	*	*	1.54e+03	*
133	PCB-176	1.79e+06	1.70e+03	1.1e+03	1.78e+06	1.54e+03	1.2e+03
134	PCB-186	*	1.70e+03	*	*	1.54e+03	*
135	PCB-178	2.09e+06	1.70e+03	1.2e+03	2.03e+06	1.54e+03	1.3e+03
136	PCB-175	4.85e+05	1.70e+03	2.8e+02	4.61e+05	1.54e+03	3.0e+02
137	PCB-187	1.47e+07	1.70e+03	8.7e+03	1.45e+07	1.54e+03	9.5e+03
138	PCB-182	5.40e+04	1.70e+03	3.2e+01	5.30e+04	1.54e+03	3.5e+01
139	PCB-183	5.86e+06	7.12e+03	8.2e+02	5.66e+06	9.69e+03	5.8e+02
140	PCB-185	1.28e+06	7.12e+03	1.8e+02	1.21e+06	9.69e+03	1.2e+02
141	PCB-174	9.65e+06	7.12e+03	1.4e+03	9.13e+06	9.69e+03	9.4e+02
142	PCB-177	4.92e+06	7.12e+03	6.9e+02	4.60e+06	9.69e+03	4.7e+02
143	PCB-181	*	7.12e+03	*	*	9.69e+03	*
144	PCB-171/173	2.66e+06	7.12e+03	3.7e+02	2.56e+06	9.69e+03	2.6e+02
145	PCB-172	1.67e+06	7.12e+03	2.4e+02	1.60e+06	9.69e+03	1.6e+02
146	PCB-192	*	7.12e+03	*	*	9.69e+03	*
147	PCB-180/193	2.61e+07	7.12e+03	3.7e+03	2.49e+07	9.69e+03	2.6e+03
148	PCB-191	5.90e+05	7.12e+03	8.3e+01	5.28e+05	9.69e+03	5.4e+01
149	PCB-170	7.90e+06	7.12e+03	1.1e+03	7.55e+06	9.69e+03	7.8e+02
150	PCB-190	2.28e+06	7.12e+03	3.2e+02	2.20e+06	9.69e+03	2.3e+02
151	PCB-189	3.52e+05	7.12e+03	4.9e+01	3.44e+05	9.69e+03	3.5e+01
152	PCB-202	8.53e+05	9.52e+02	9.0e+02	9.55e+05	1.29e+03	7.4e+02
153	PCB-201	7.23e+05	9.52e+02	7.6e+02	8.61e+05	1.29e+03	6.7e+02
154	PCB-204	*	9.52e+02	*	*	1.29e+03	*
155	PCB-197	2.09e+05	9.52e+02	2.2e+02	2.37e+05	1.29e+03	1.8e+02
156	PCB-200	7.04e+05	9.52e+02	7.4e+02	8.21e+05	1.29e+03	6.4e+02
157	PCB-198/199	4.01e+06	9.52e+02	4.2e+03	4.53e+06	1.29e+03	3.5e+03
158	PCB-196	2.11e+06	9.52e+02	2.2e+03	2.38e+06	1.29e+03	1.8e+03
159	PCB-203	2.66e+06	9.52e+02	2.8e+03	2.99e+06	1.29e+03	2.3e+03
160	PCB-195	1.56e+06	9.52e+02	1.6e+03	1.77e+06	1.29e+03	1.4e+03
161	PCB-194	3.74e+06	9.52e+02	3.9e+03	4.22e+06	1.29e+03	3.3e+03
162	PCB-205	2.48e+05	9.52e+02	2.6e+02	2.80e+05	1.29e+03	2.2e+02

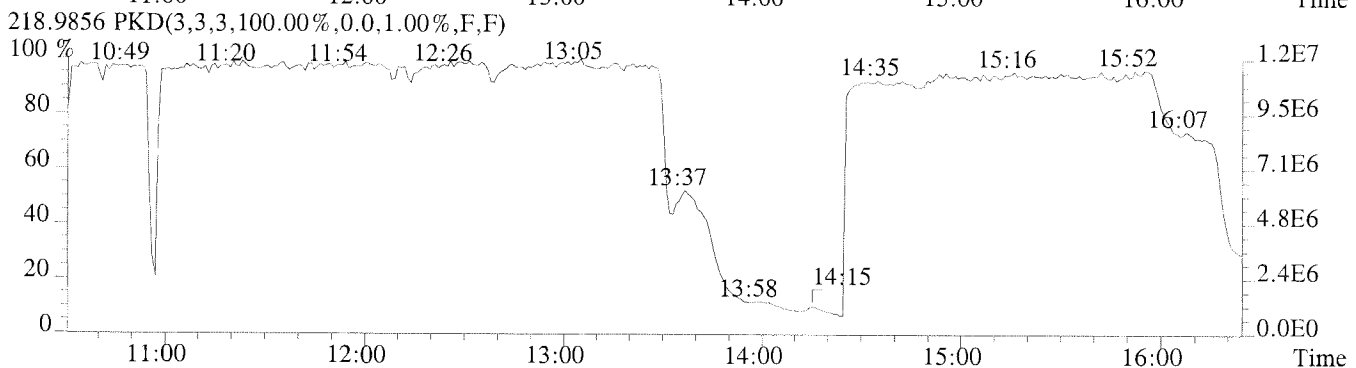
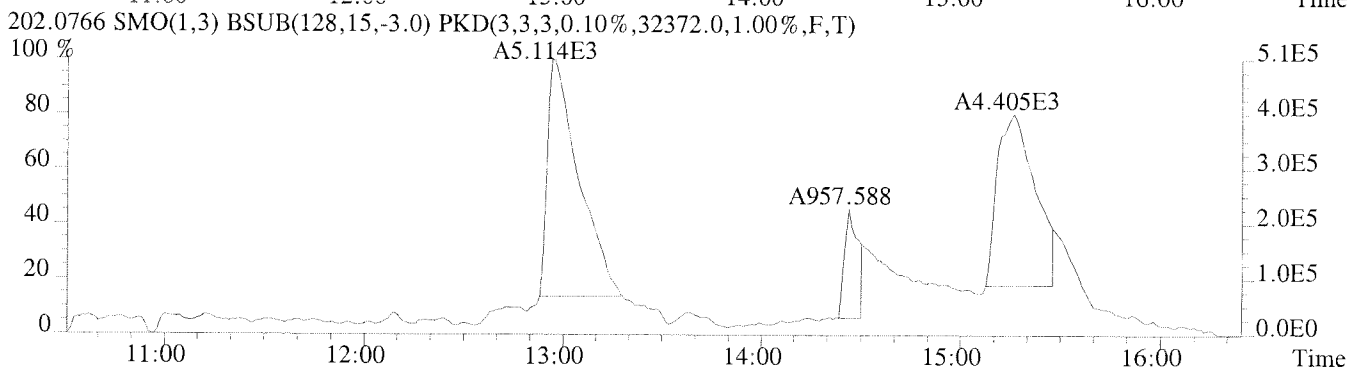
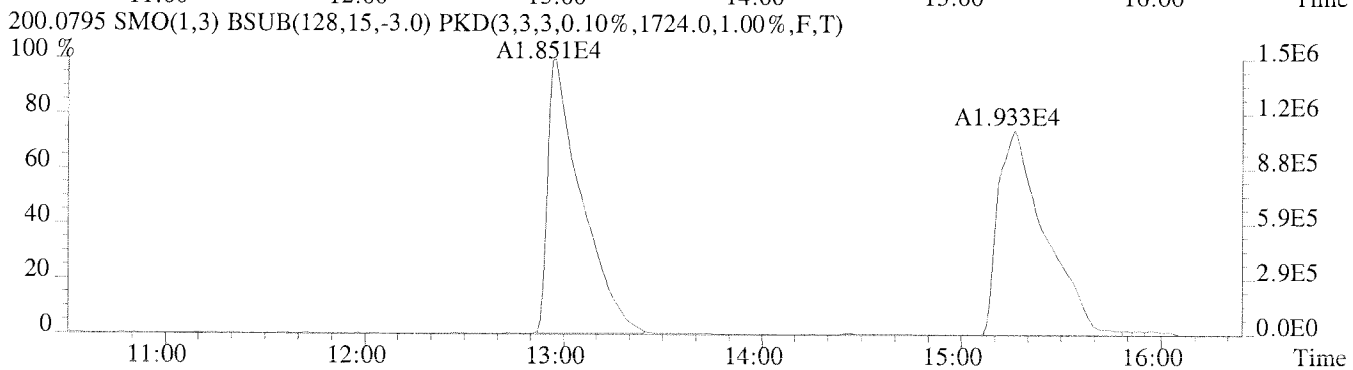
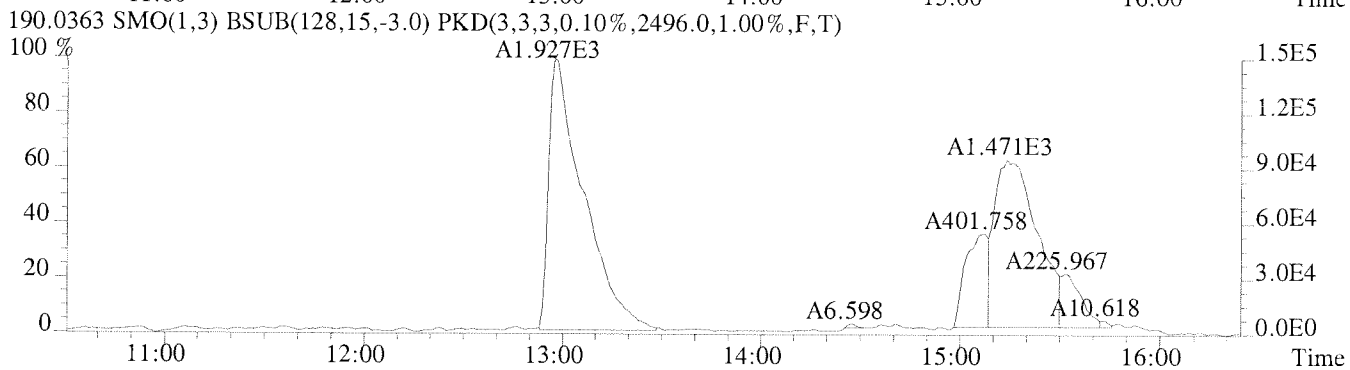
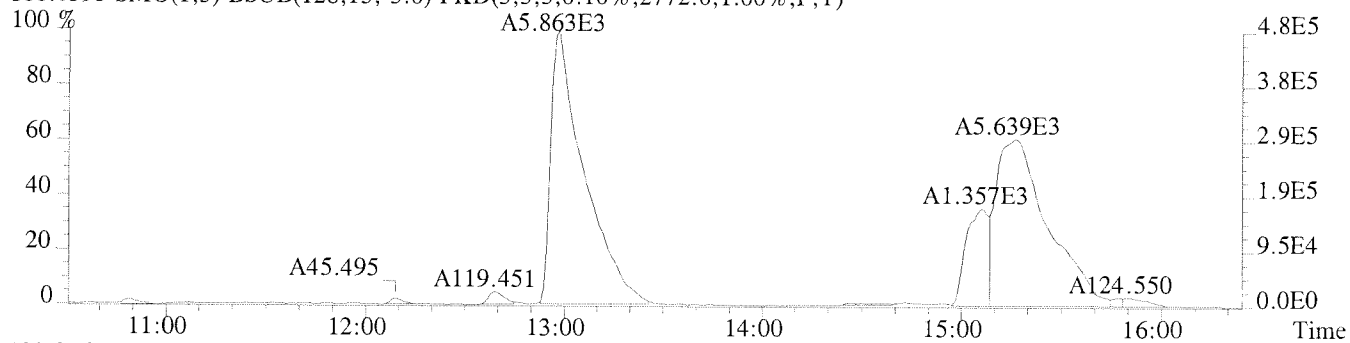
Run #14

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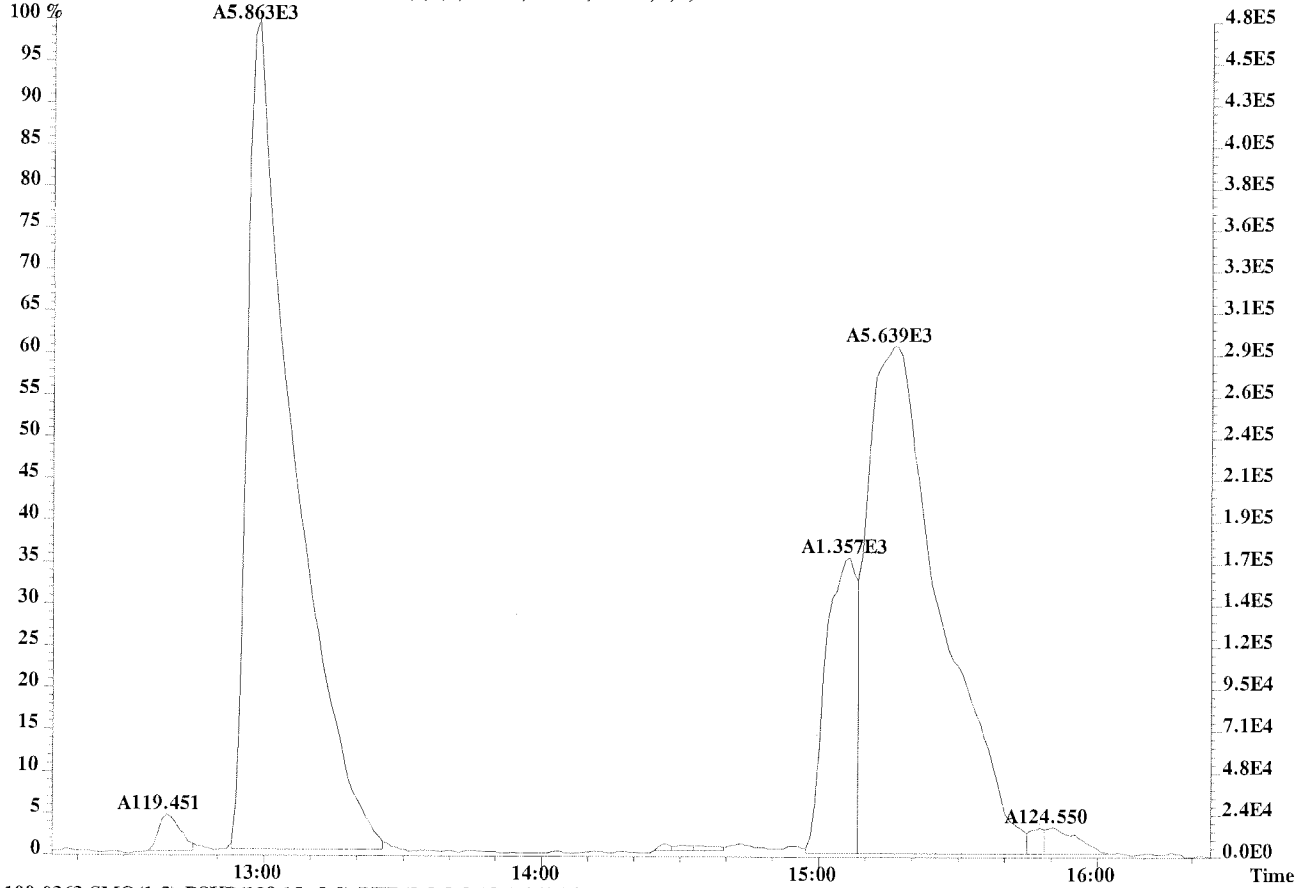
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163	PCB-208	1.73e+05	1.27e+03	1.4e+02	2.29e+05	1.56e+03	1.5e+02
164	PCB-207	1.48e+05	1.27e+03	1.2e+02	1.74e+05	1.56e+03	1.1e+02
165	PCB-206	5.75e+05	7.92e+02	7.3e+02	7.39e+05	1.26e+03	5.9e+02
166	PCB-209	6.84e+04	1.02e+03	6.7e+01	5.44e+04	1.14e+03	4.8e+01
167	PCB-1L	1.47e+06	1.72e+03	8.5e+02	4.55e+05	3.24e+04	1.4e+01
168	PCB-3L	1.09e+06	1.72e+03	6.3e+02	3.50e+05	3.24e+04	1.1e+01
169	PCB-4L	4.78e+05	6.13e+03	7.8e+01	3.06e+05	3.72e+03	8.2e+01
170	PCB-15L	3.34e+06	9.20e+03	3.6e+02	2.08e+06	3.34e+03	6.2e+02
171	PCB-19L	1.56e+06	8.43e+04	1.9e+01	1.48e+06	1.18e+05	1.2e+01
172	PCB-37L	2.73e+06	2.77e+04	9.9e+01	2.48e+06	2.90e+04	8.6e+01
173	PCB-54L	2.40e+06	9.17e+03	2.6e+02	3.03e+06	1.39e+04	2.2e+02
174	PCB-81L	1.89e+06	5.14e+03	3.7e+02	2.36e+06	4.00e+03	5.9e+02
175	PCB-77L	1.65e+06	5.14e+03	3.2e+02	2.05e+06	4.00e+03	5.1e+02
176	PCB-104L	3.07e+06	1.56e+03	2.0e+03	1.96e+06	1.67e+03	1.2e+03
177	PCB-123L	2.89e+06	4.60e+03	6.3e+02	1.80e+06	3.66e+03	4.9e+02
178	PCB-118L	2.89e+06	4.60e+03	6.3e+02	1.80e+06	3.66e+03	4.9e+02
179	PCB-114L	2.99e+06	4.60e+03	6.5e+02	1.78e+06	3.66e+03	4.9e+02
180	PCB-105L	2.90e+06	4.60e+03	6.3e+02	1.76e+06	3.66e+03	4.8e+02
181	PCB-126L	2.75e+06	4.60e+03	6.0e+02	1.69e+06	3.66e+03	4.6e+02
182	PCB-155L	3.28e+06	1.93e+03	1.7e+03	2.66e+06	1.96e+03	1.4e+03
183	PCB-167L	2.42e+06	1.72e+03	1.4e+03	1.85e+06	1.47e+03	1.3e+03
184	PCB-156/157L	3.21e+06	1.72e+03	1.9e+03	2.47e+06	1.47e+03	1.7e+03
185	PCB-169L	2.03e+06	1.72e+03	1.2e+03	1.53e+06	1.47e+03	1.0e+03
186	PCB-188L	2.64e+06	1.72e+03	1.5e+03	2.54e+06	1.21e+03	2.1e+03
187	PCB-189L	1.73e+06	1.83e+03	9.4e+02	1.62e+06	1.58e+03	1.0e+03
188	PCB-202L	2.08e+06	1.40e+03	1.5e+03	2.38e+06	1.66e+03	1.4e+03
189	PCB-205L	1.68e+06	1.40e+03	1.2e+03	1.88e+06	1.66e+03	1.1e+03
190	PCB-208L	1.78e+06	1.43e+03	1.2e+03	2.27e+06	1.46e+03	1.6e+03
191	PCB-206L	8.91e+05	6.80e+02	1.3e+03	1.13e+06	7.84e+02	1.4e+03
192	PCB-209L	1.32e+06	1.01e+03	1.3e+03	1.12e+06	8.52e+02	1.3e+03
193	PCB-28L	2.93e+06	2.77e+04	1.1e+02	2.75e+06	2.90e+04	9.5e+01
194	PCB-111L	2.32e+06	1.84e+03	1.3e+03	1.43e+06	1.56e+03	9.2e+02
195	PCB-178L	1.82e+06	1.72e+03	1.1e+03	1.79e+06	1.21e+03	1.5e+03
196	PCB-9L	5.48e+06	9.20e+03	6.0e+02	3.39e+06	3.34e+03	1.0e+03
197	PCB-52L	1.97e+06	3.32e+03	5.9e+02	2.48e+06	3.79e+03	6.6e+02
198	PCB-101L	2.83e+06	1.84e+03	1.5e+03	1.79e+06	1.56e+03	1.2e+03
199	PCB-138L	2.70e+06	1.30e+03	2.1e+03	2.12e+06	1.52e+03	1.4e+03
200	PCB-194L	1.55e+06	1.40e+03	1.1e+03	1.70e+06	1.66e+03	1.0e+03

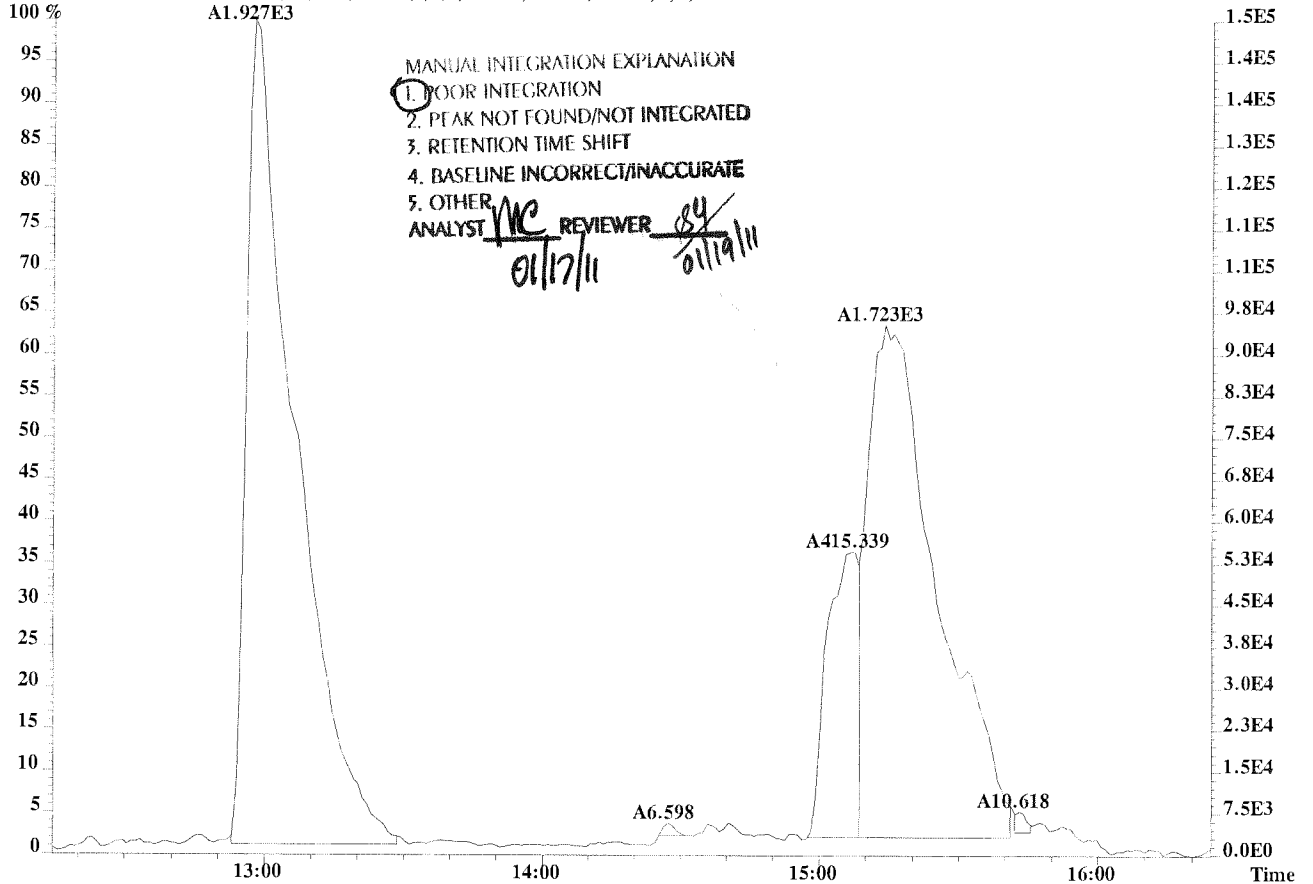
File:U224766 #1-379 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-014 USENRO011
 188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2772.0,1.00%,F,T)



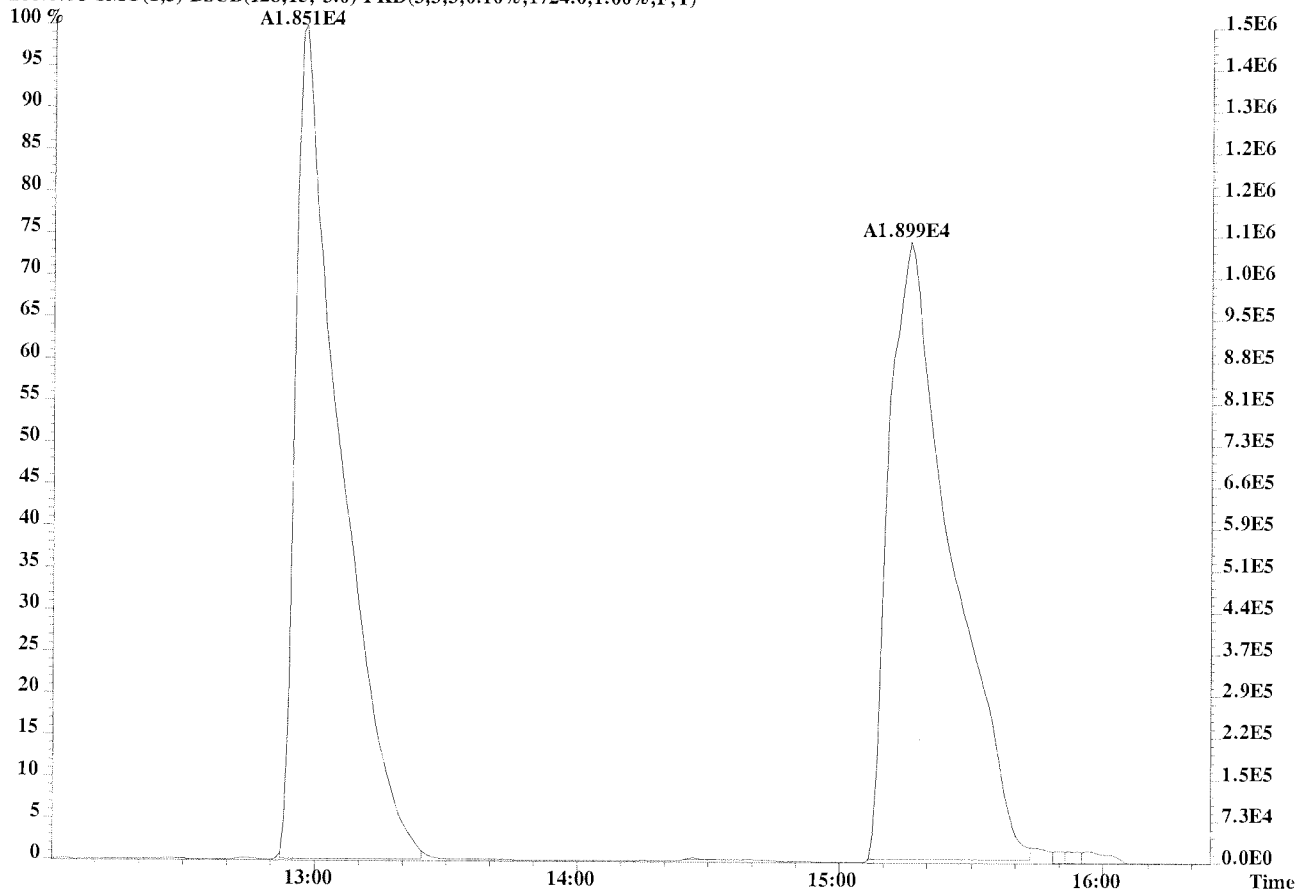
File:U224766 #1-379 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-014 USENRO011
 188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2772.0,1.00%,F,T)



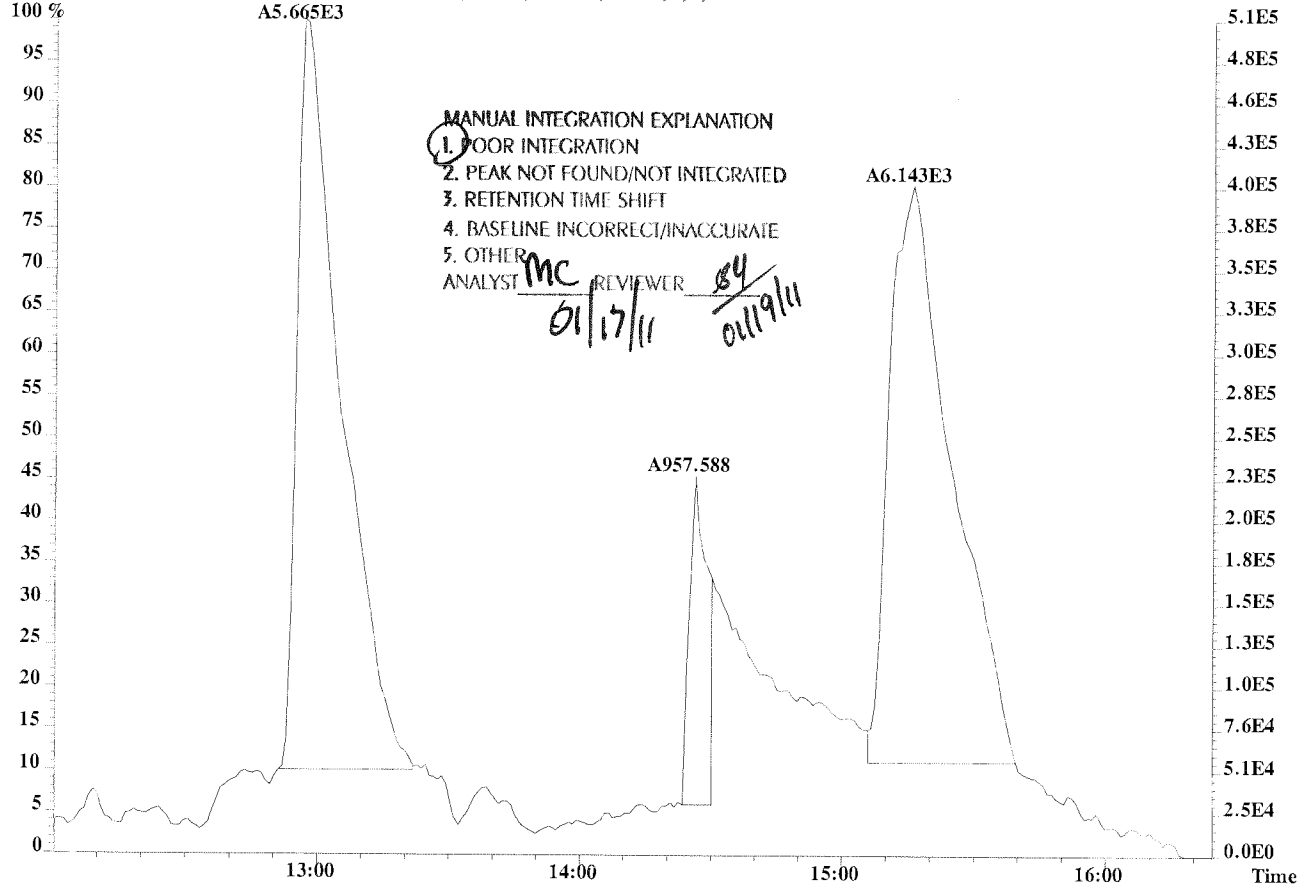
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2496.0,1.00%,F,T)



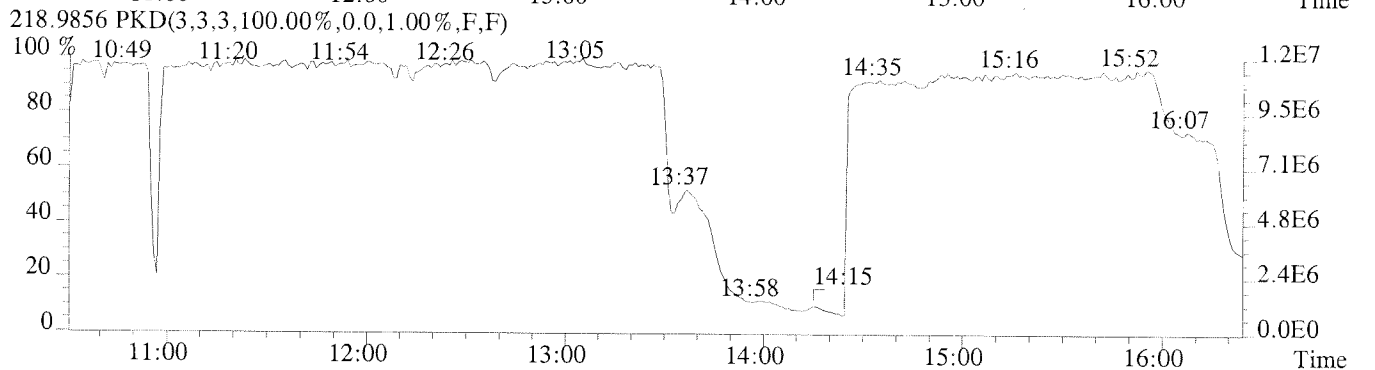
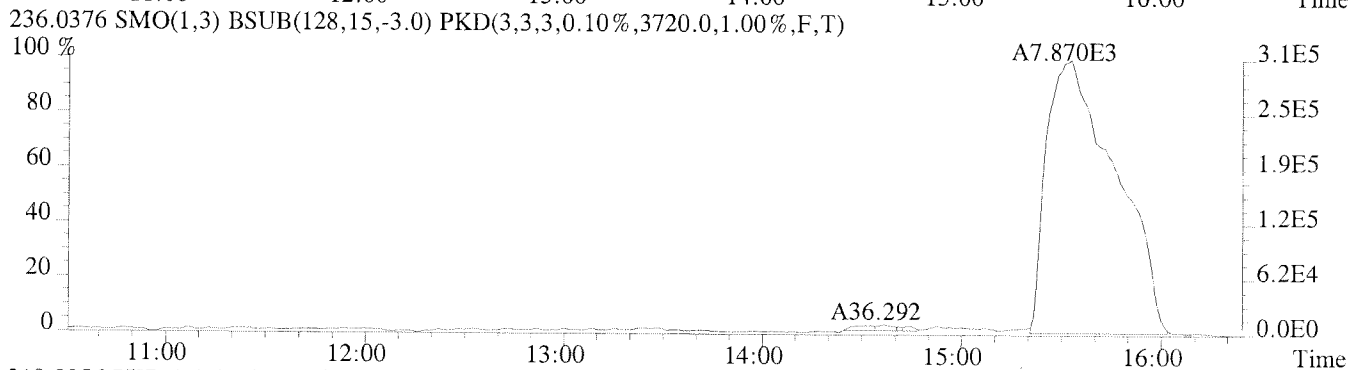
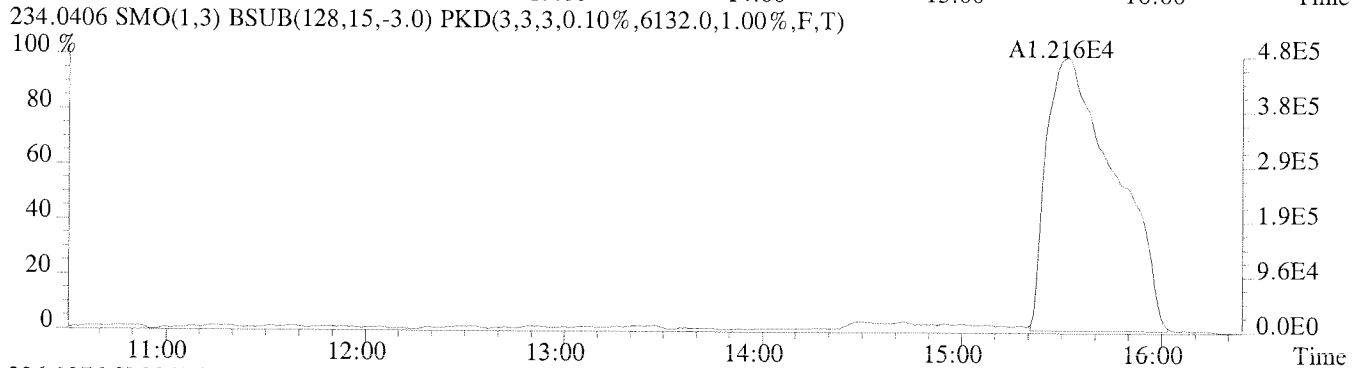
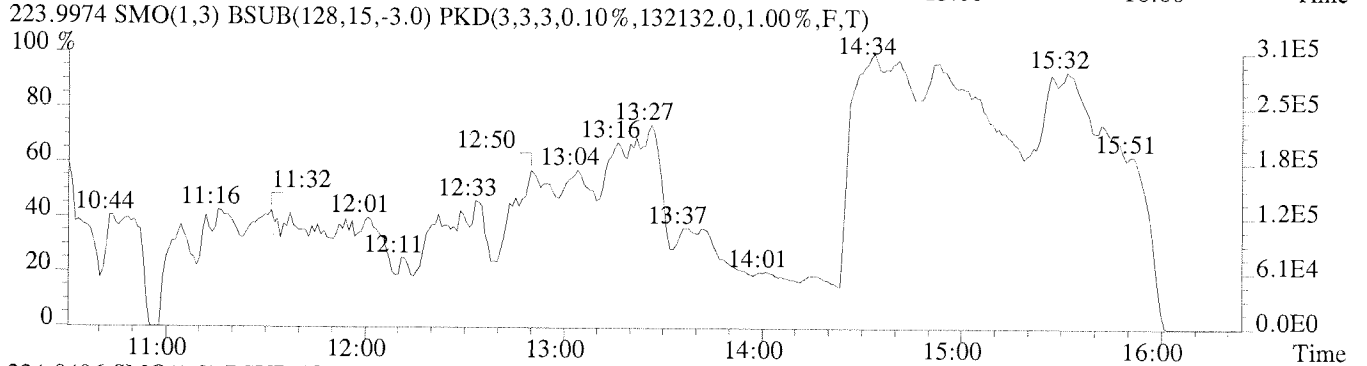
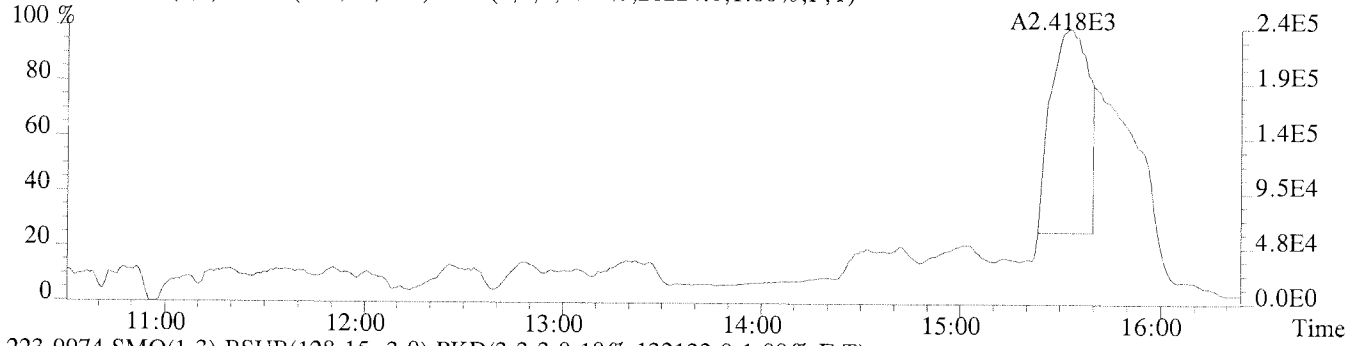
File:U224766 #1-379 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-014 USENRO011
 200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1724.0,1.00%,F,T)



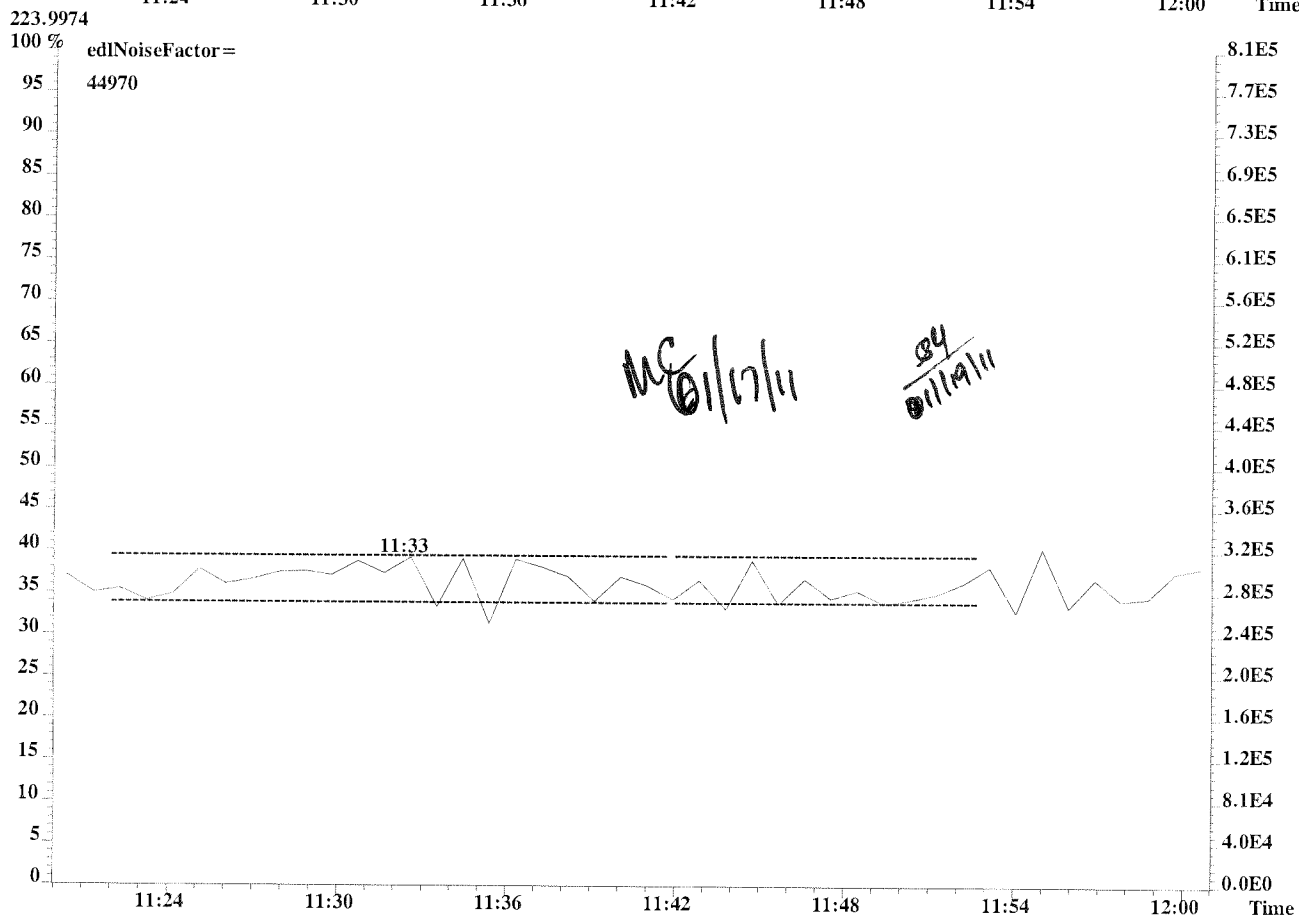
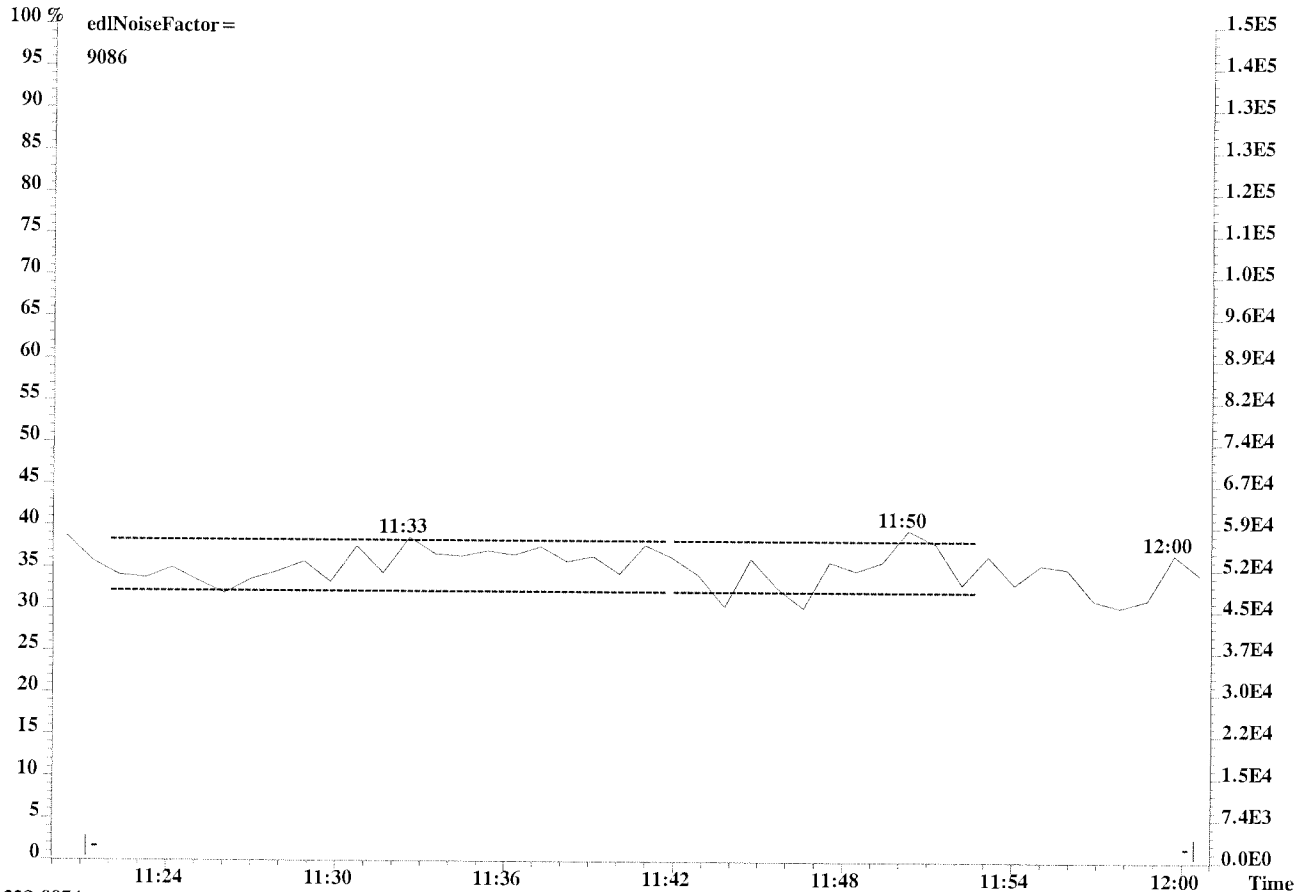
202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,32372.0,1.00%,F,T)



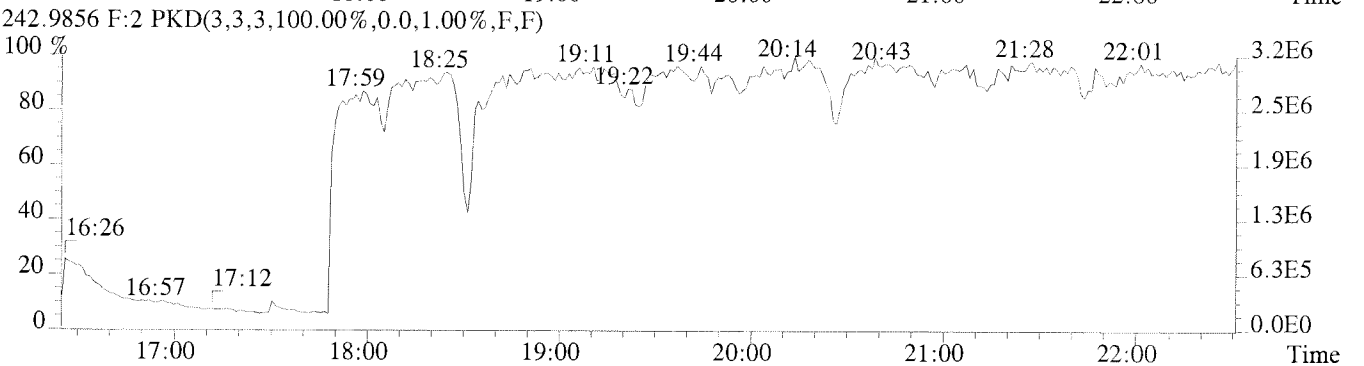
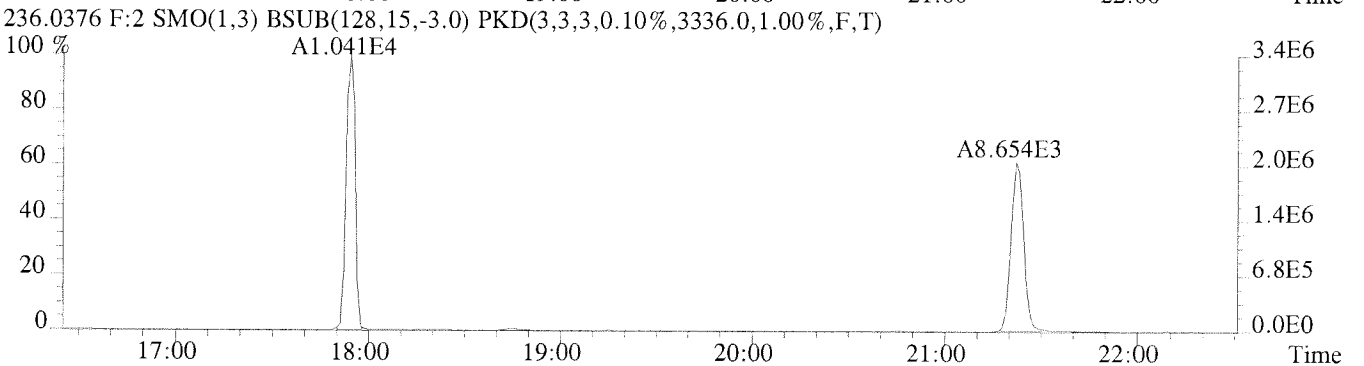
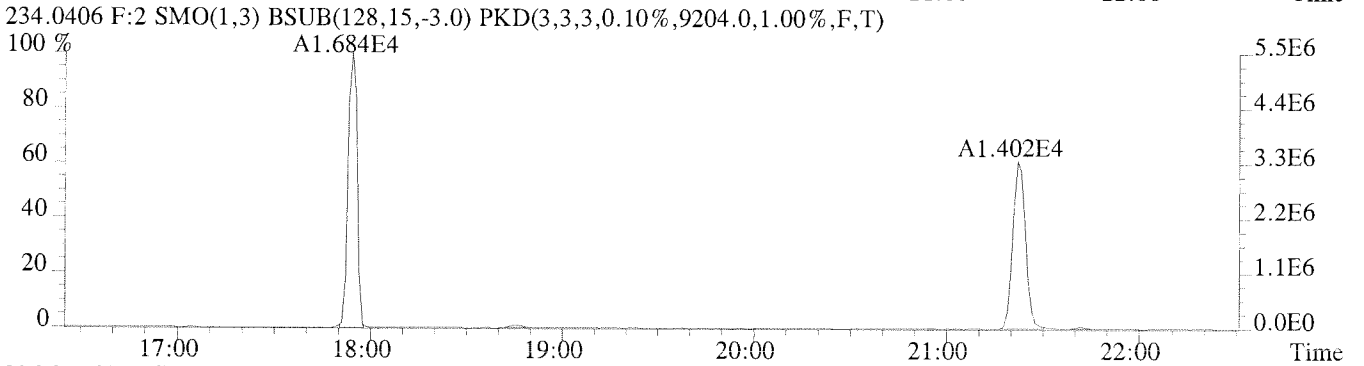
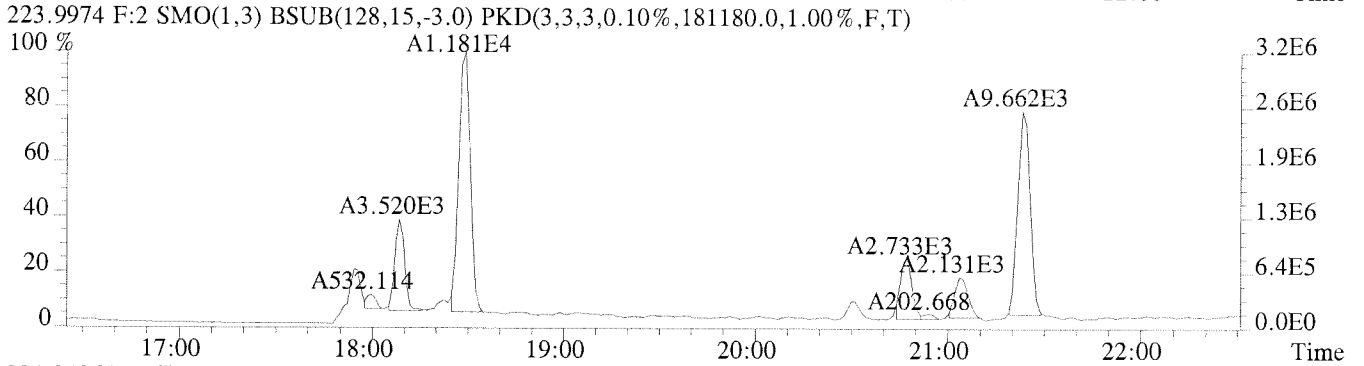
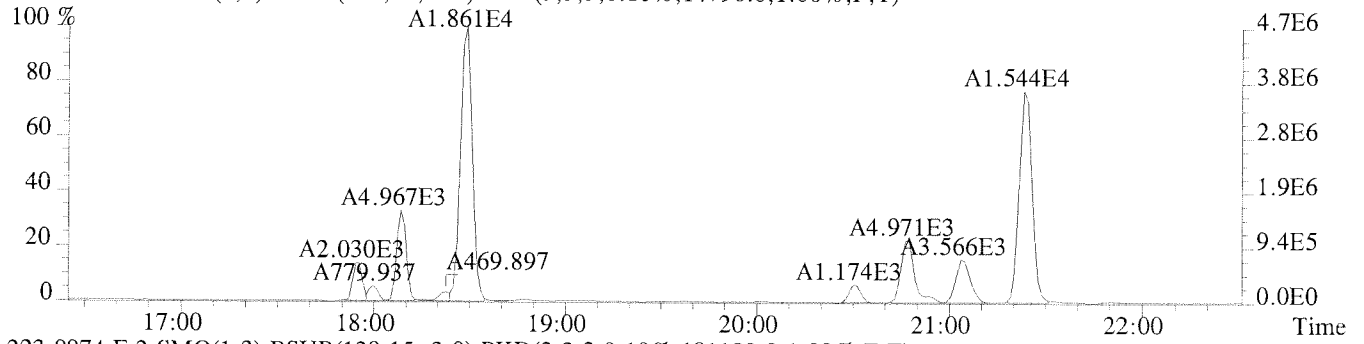
File:U224766 #1-379 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,28224.0,1.00%,F,T)



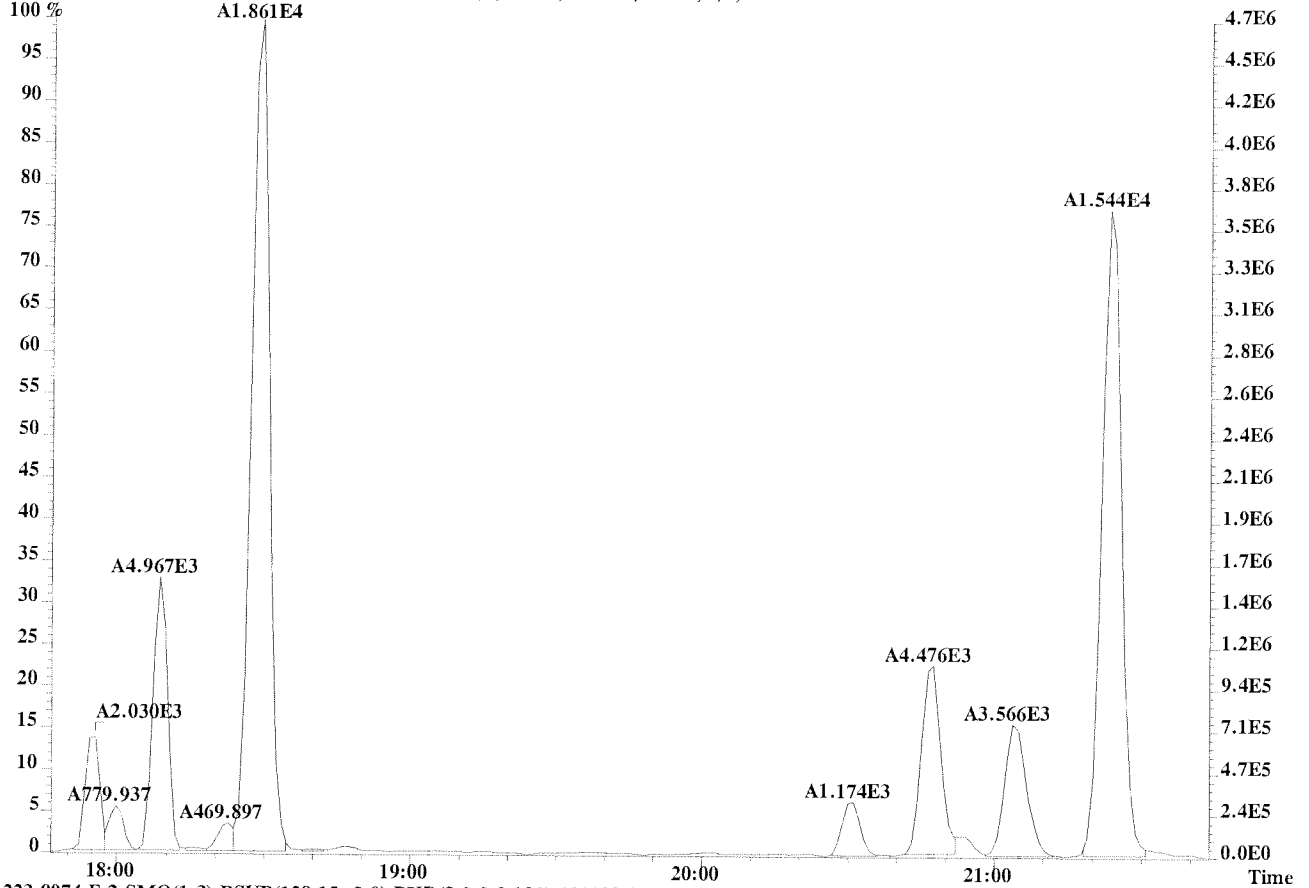
File:U224766 #1-379 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-014 USENRO011
222.0003



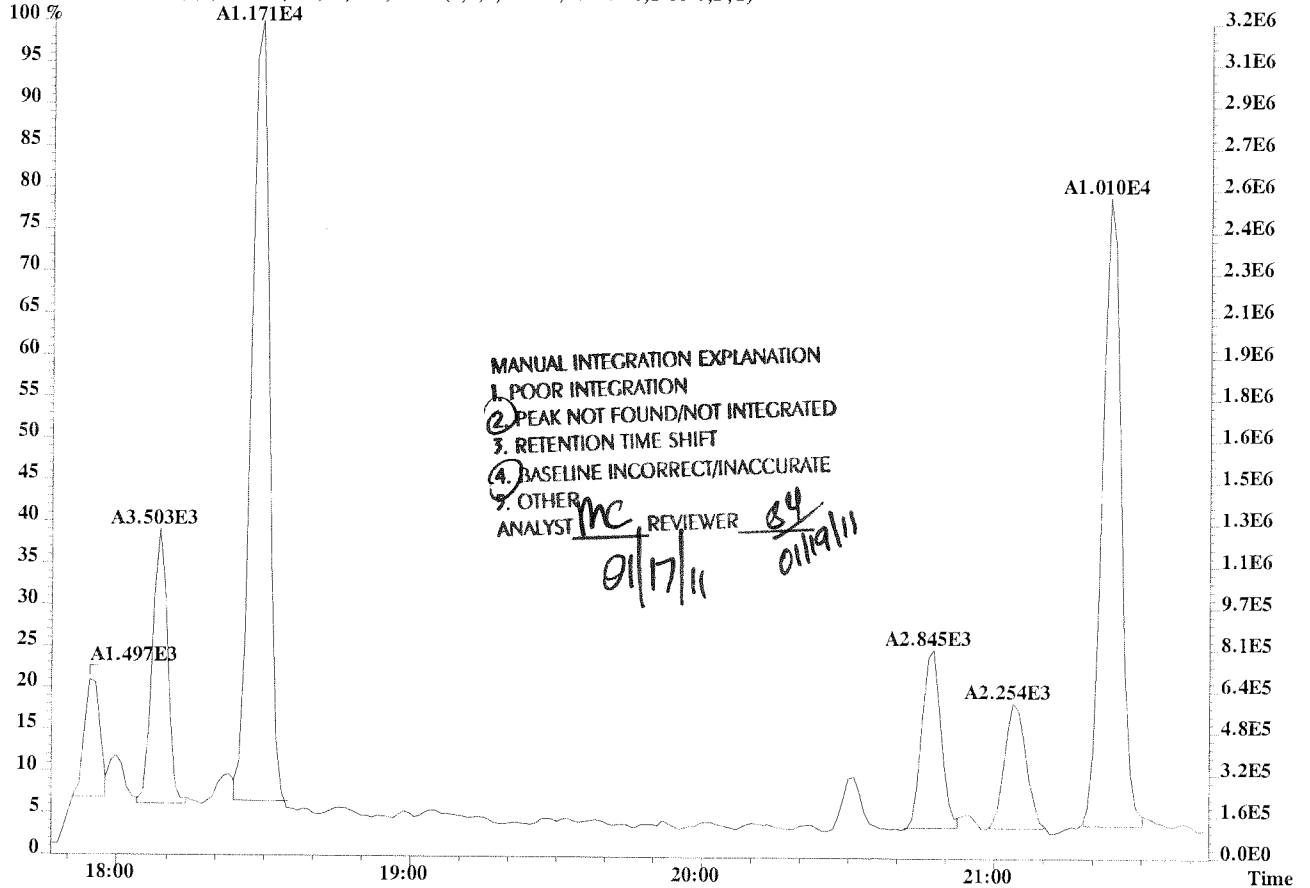
File:U224766 #1-337 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14796.0,1.00%,F,T)



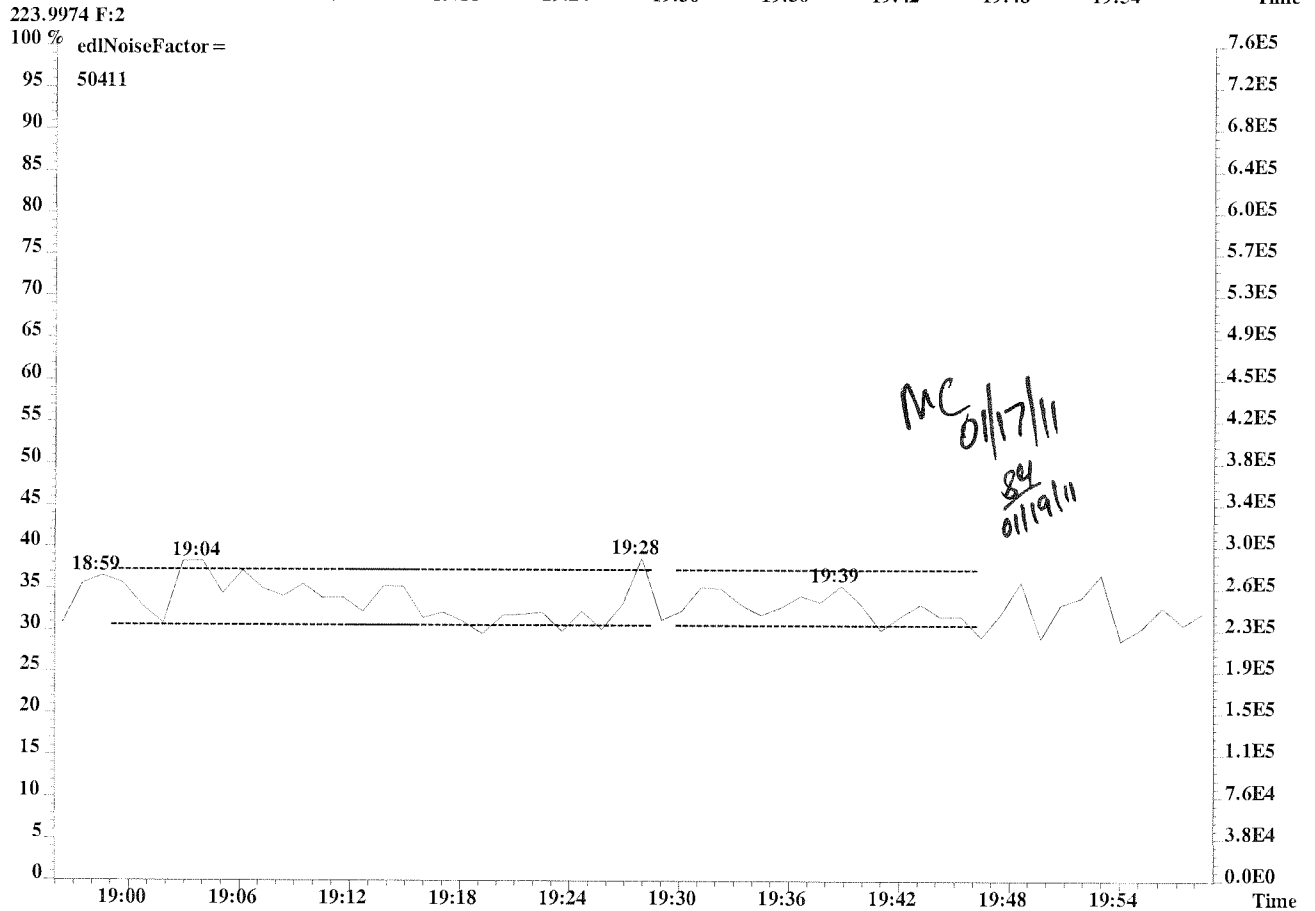
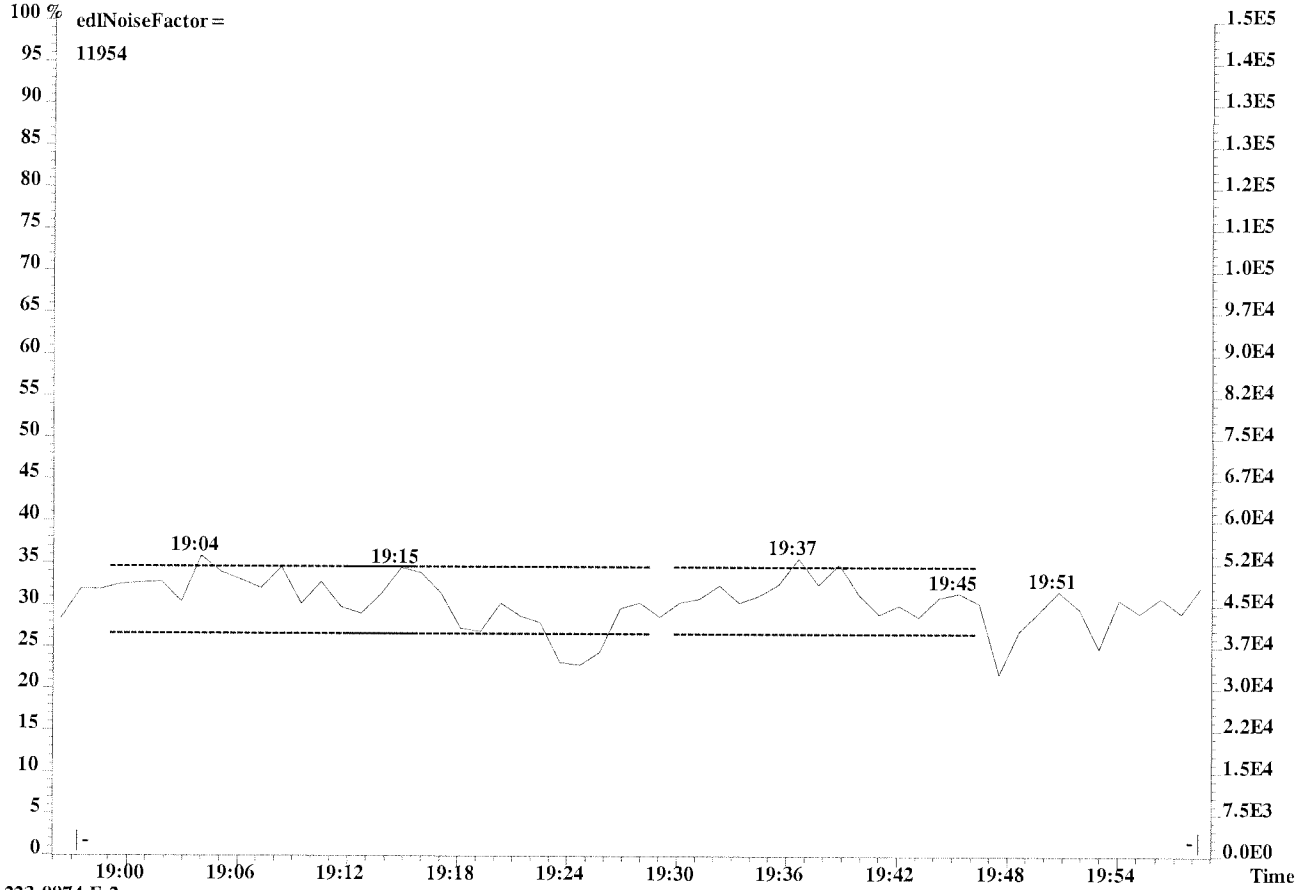
File:U224766 #1-337 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-014 USENRO011
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14796.0,1.00%,F,T)



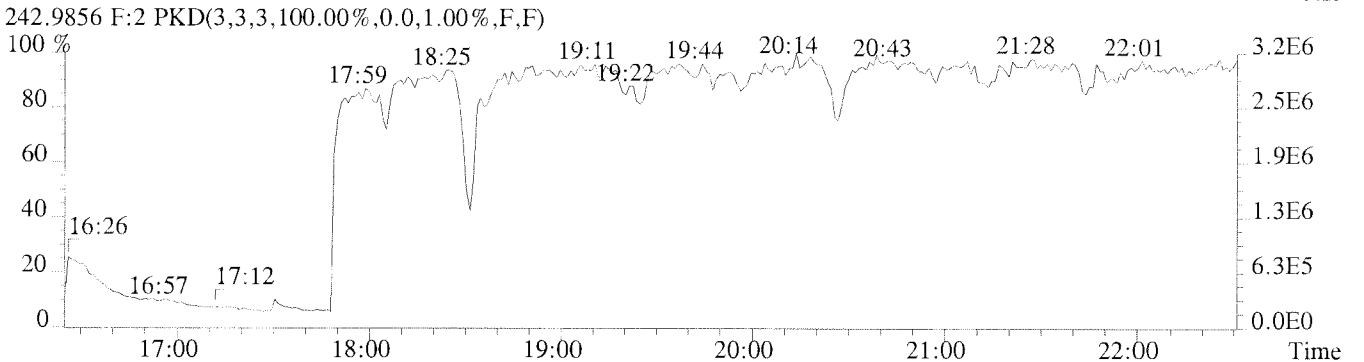
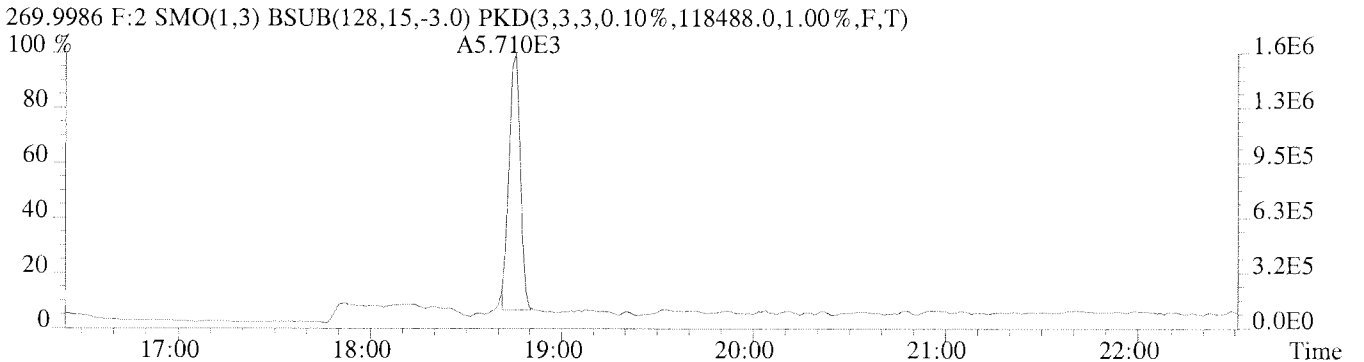
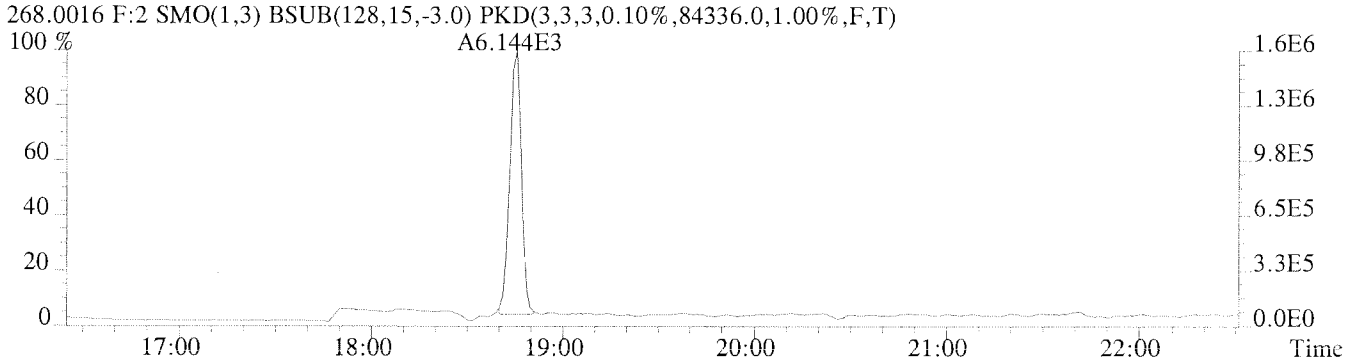
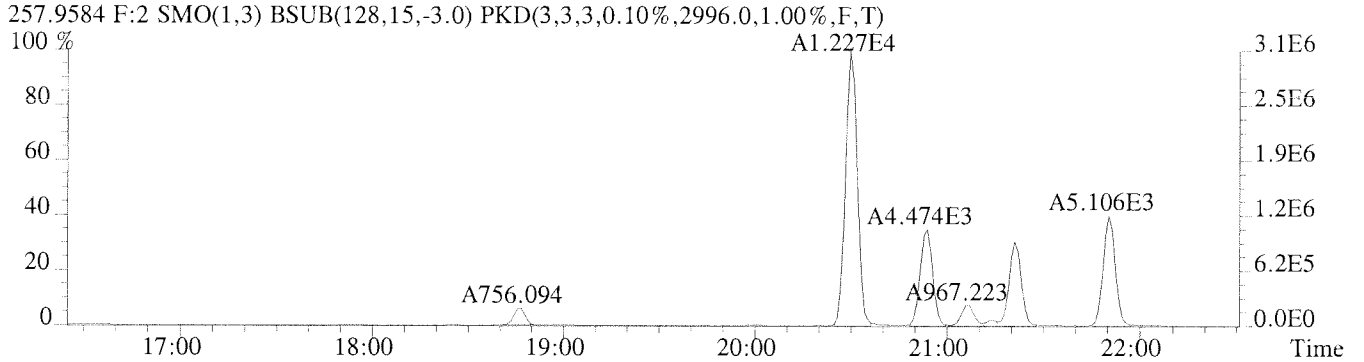
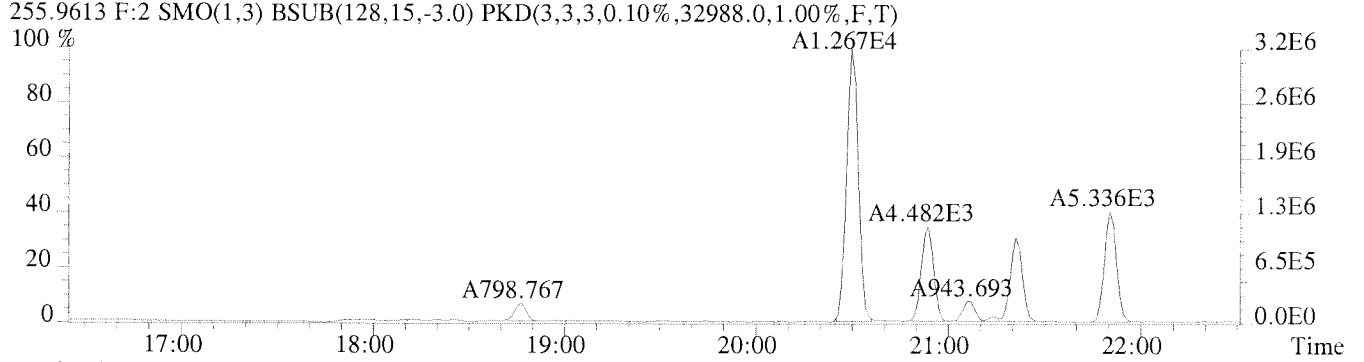
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,181180.0,1.00%,F,T)



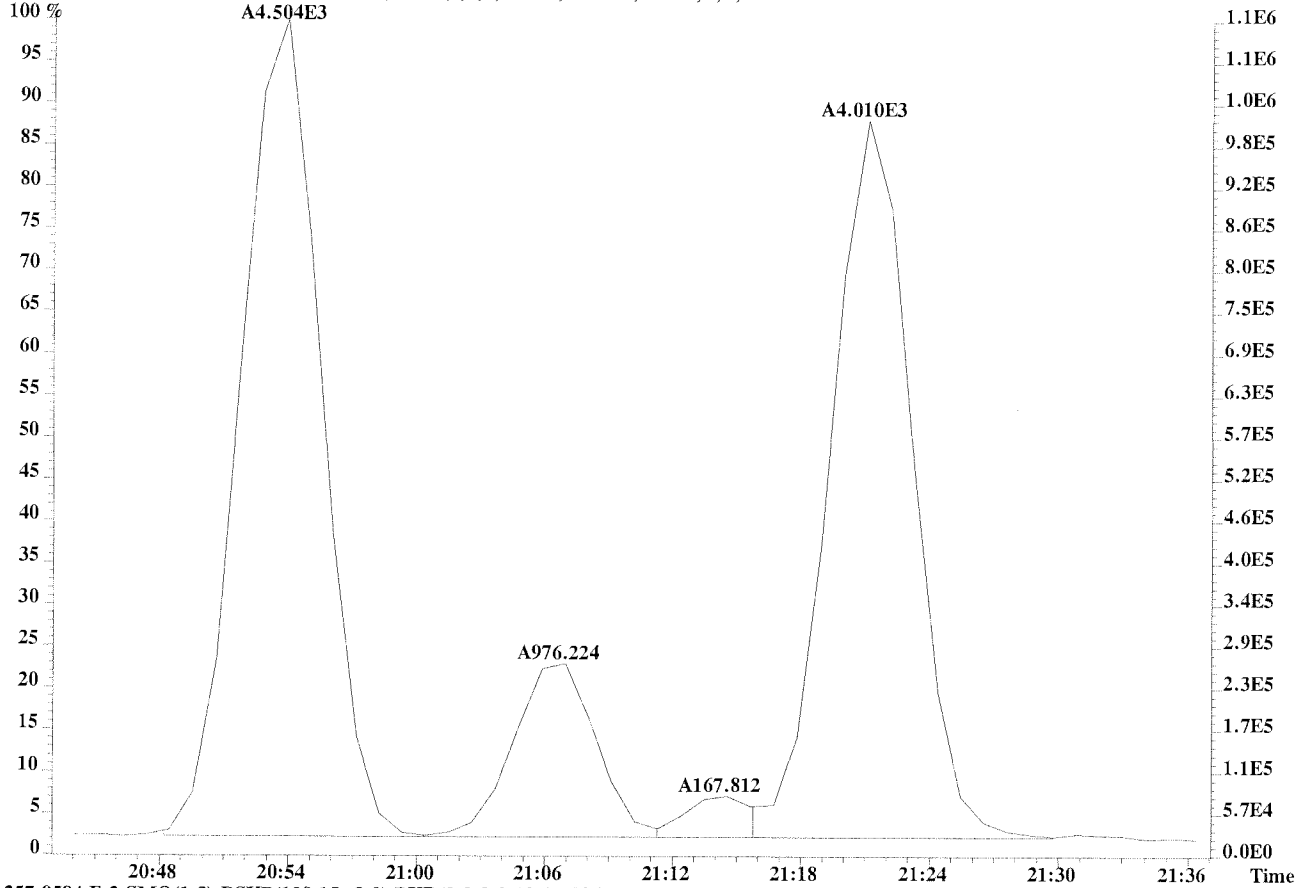
File:U224766 #1-337 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-014 USENRO011
222.0003 F:2



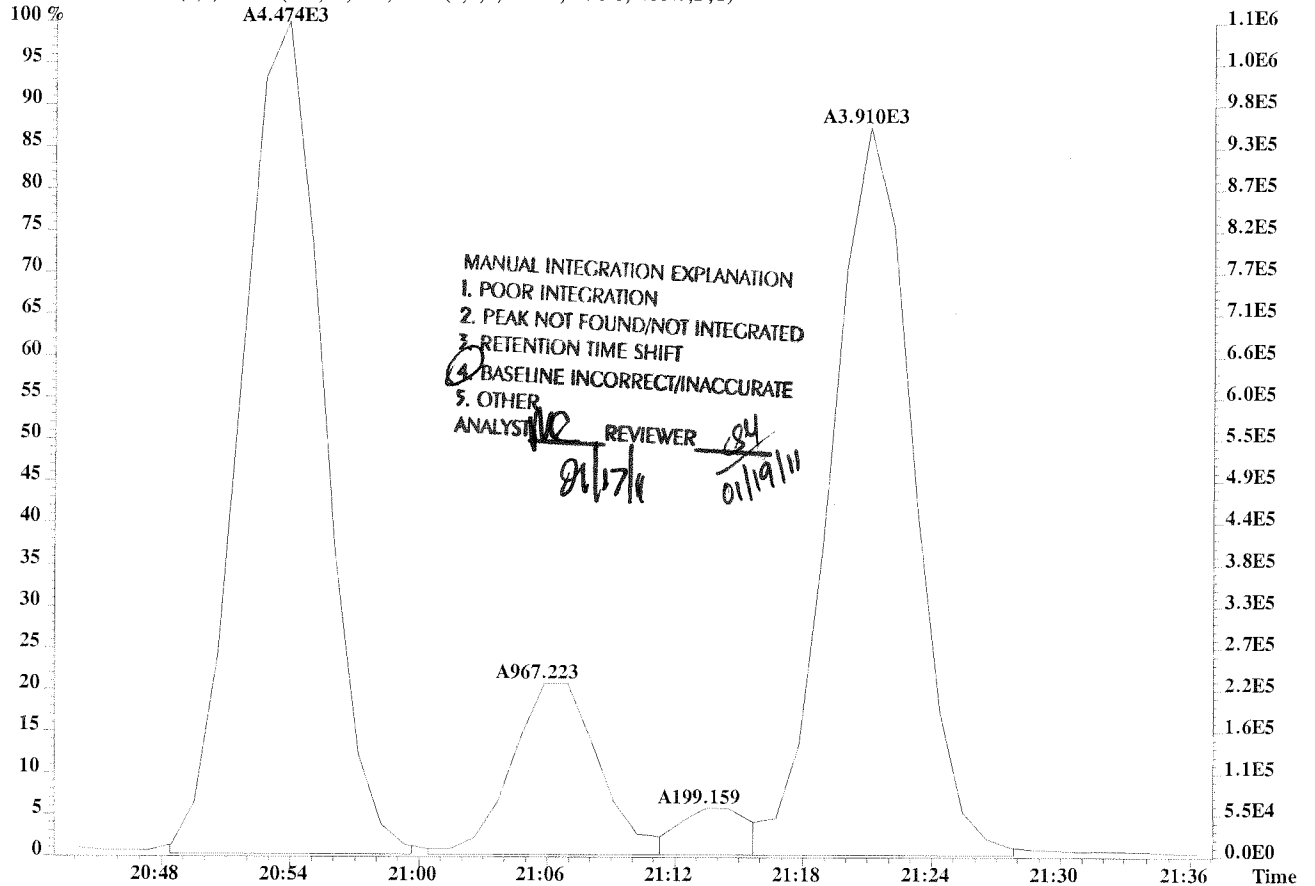
File:U224766 #1-337 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011

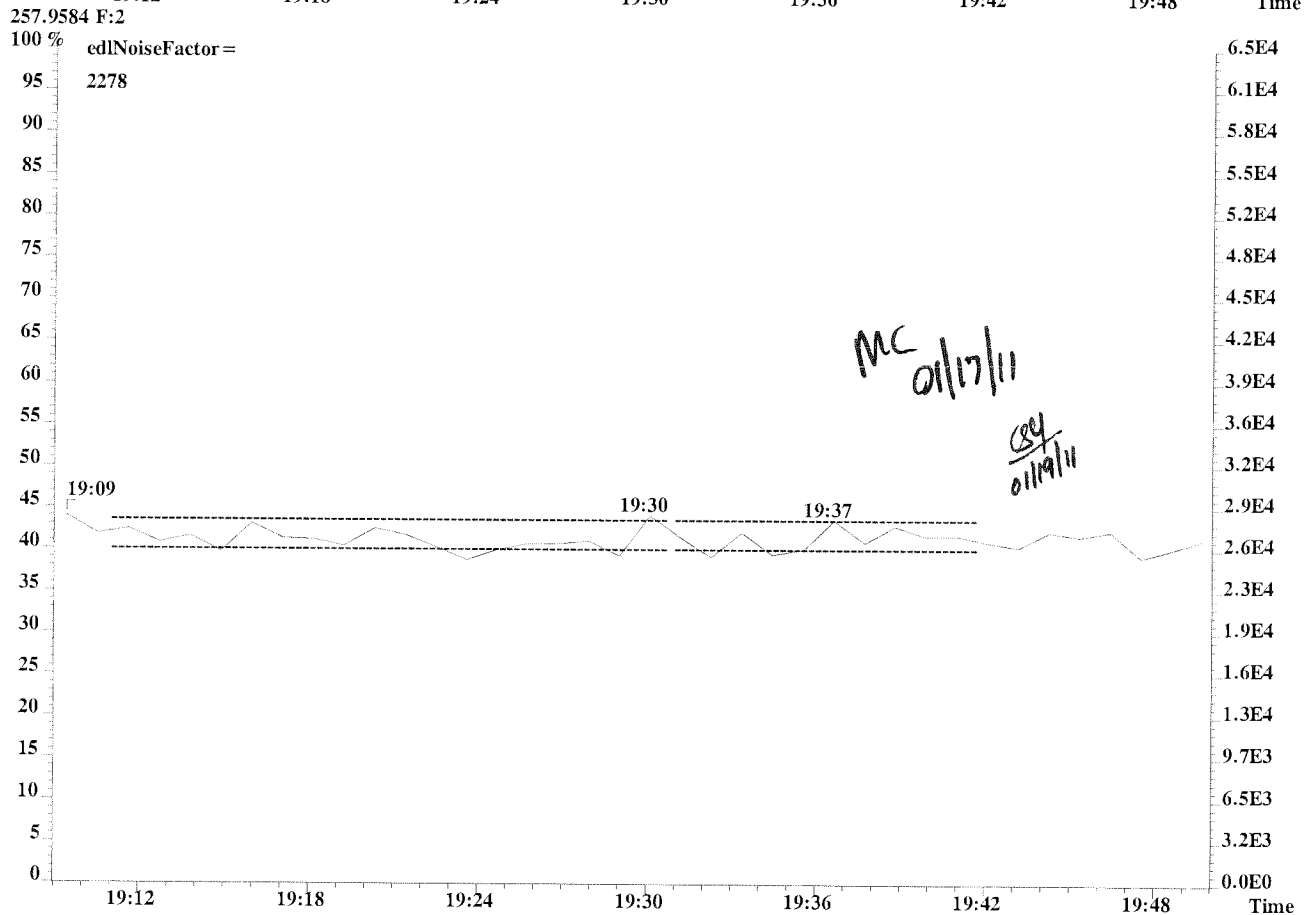
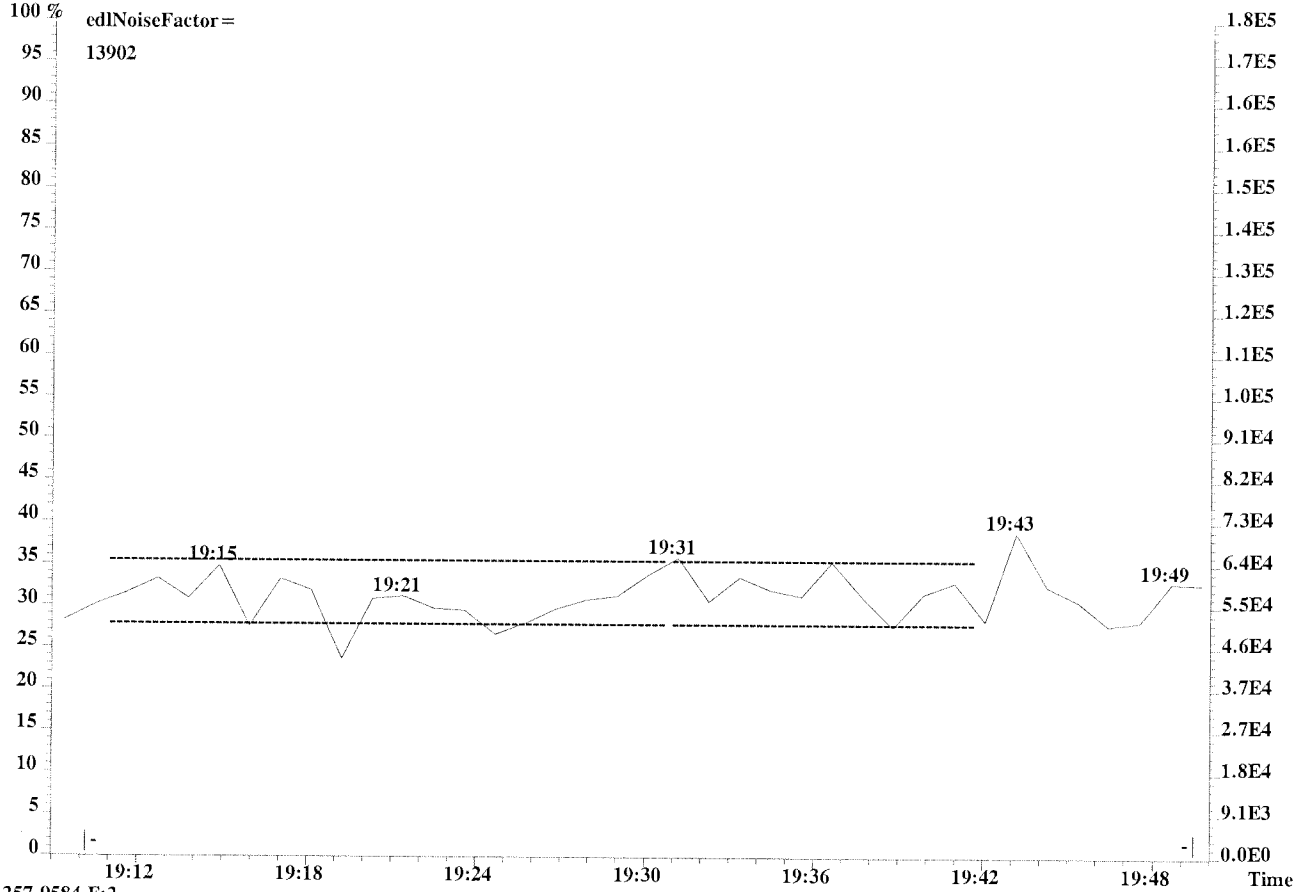


File:U224766 #1-337 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-014 USENRO011
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,32988.0,1.00%,F,T)

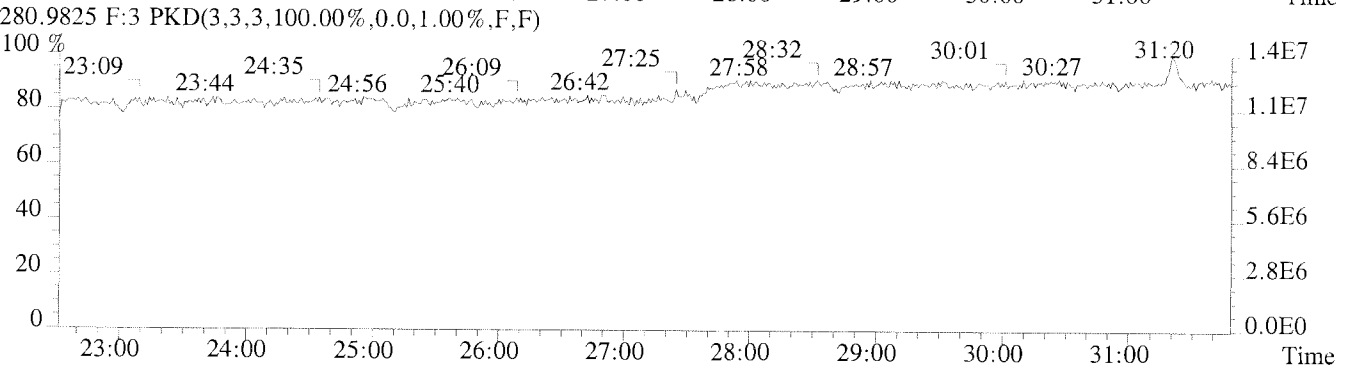
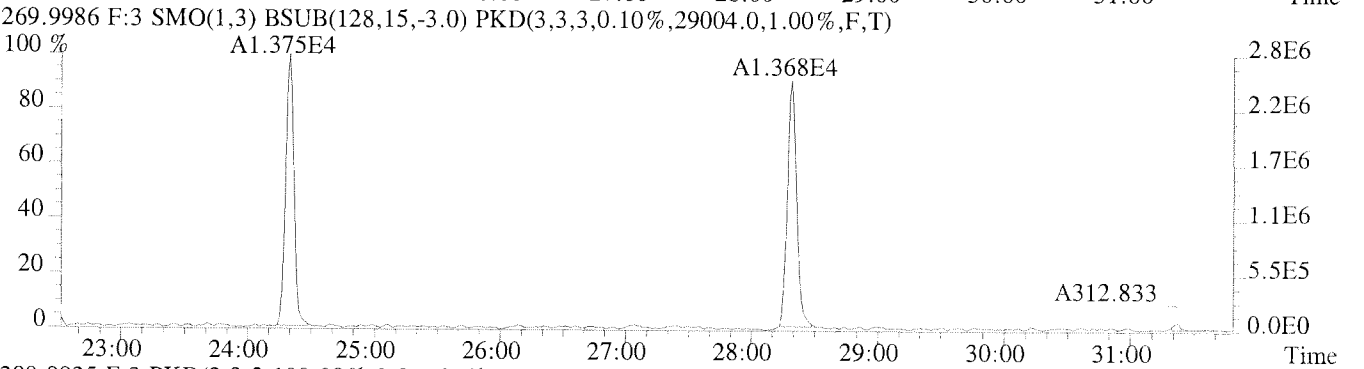
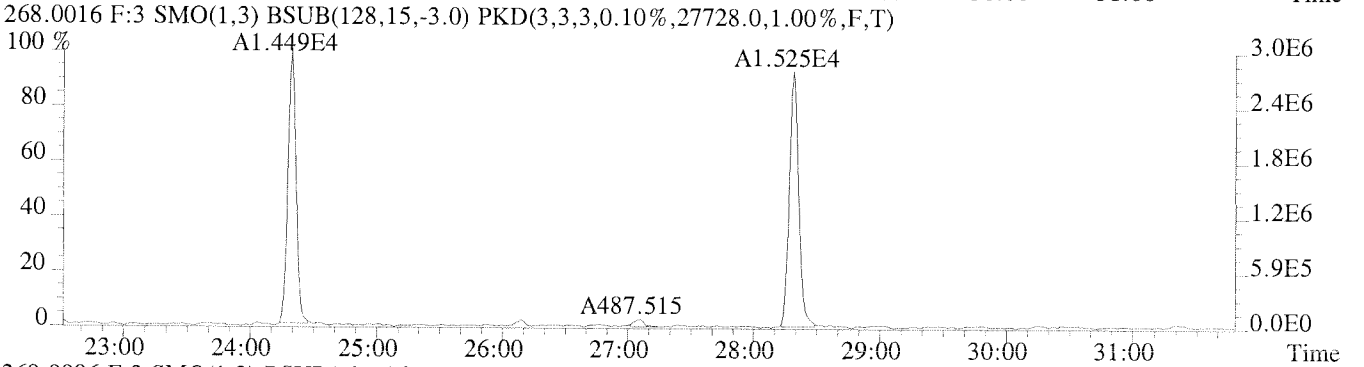
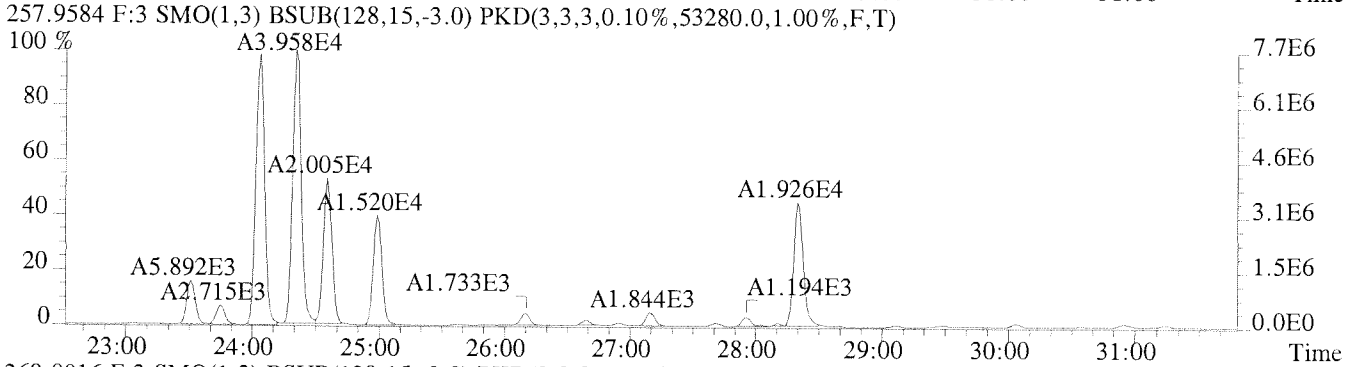
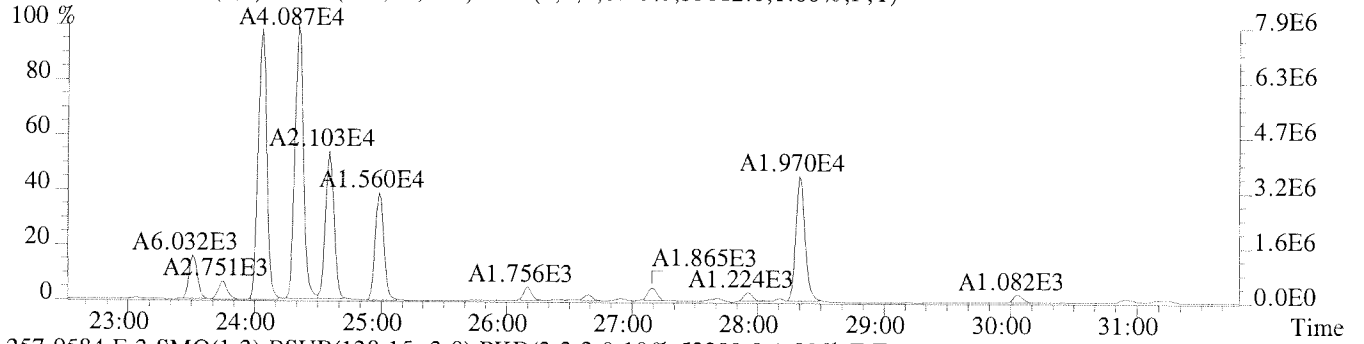


257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2996.0,1.00%,F,T)

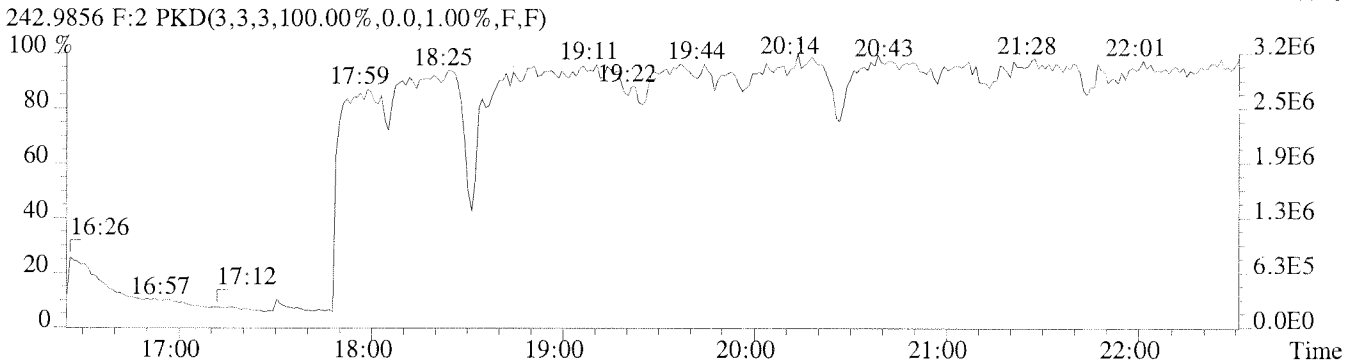
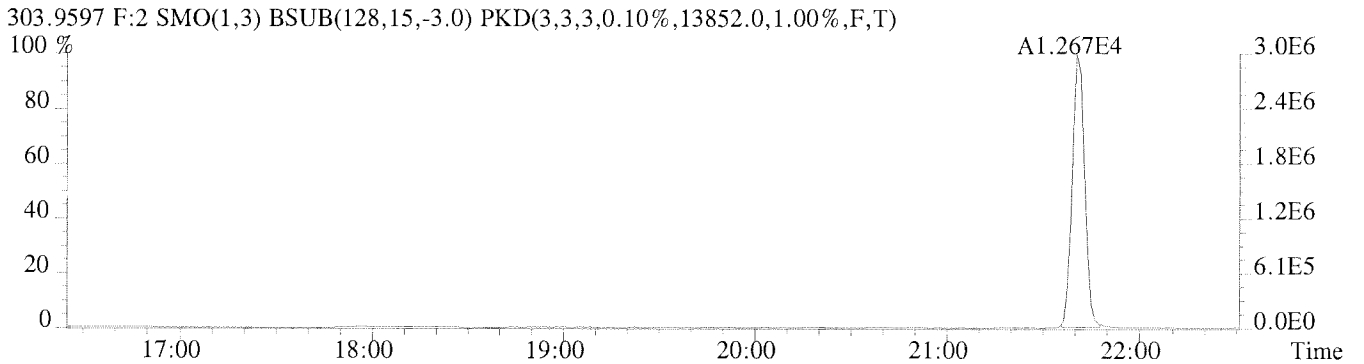
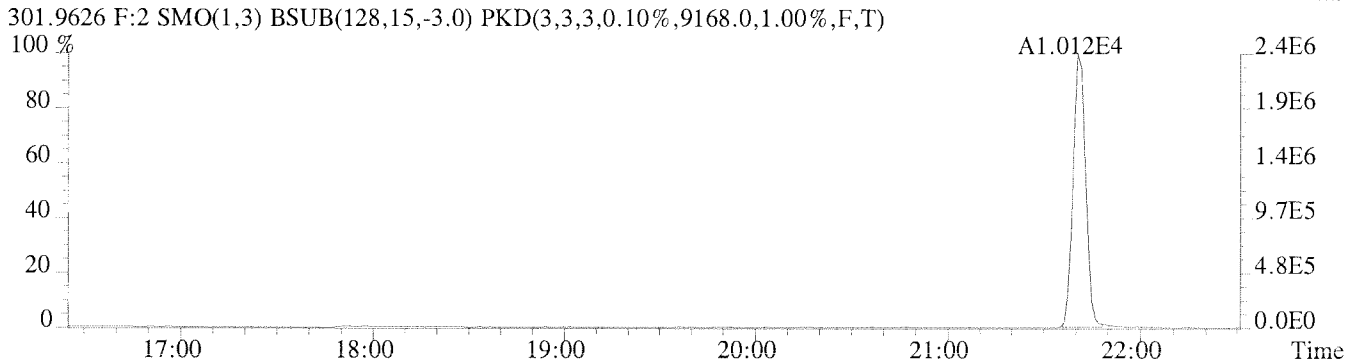
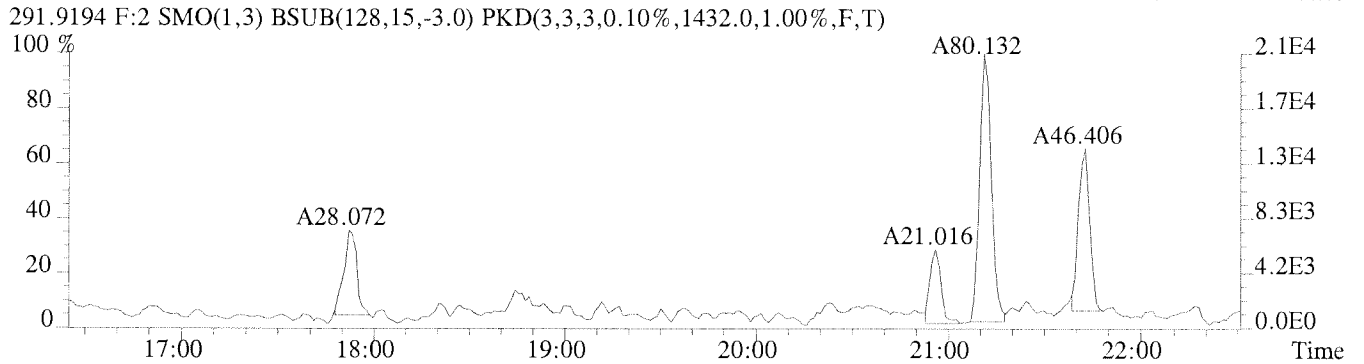
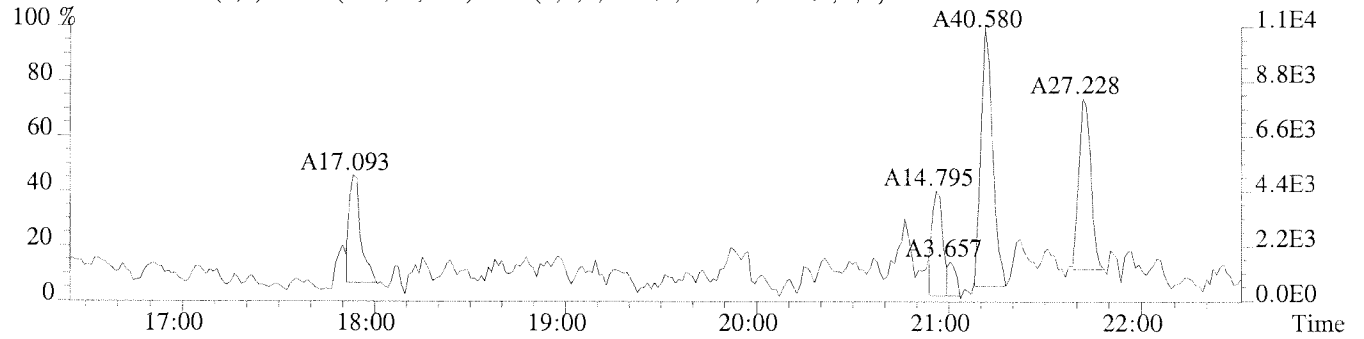




File:U224766 #1-594 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,53812.0,1.00%,F,T)

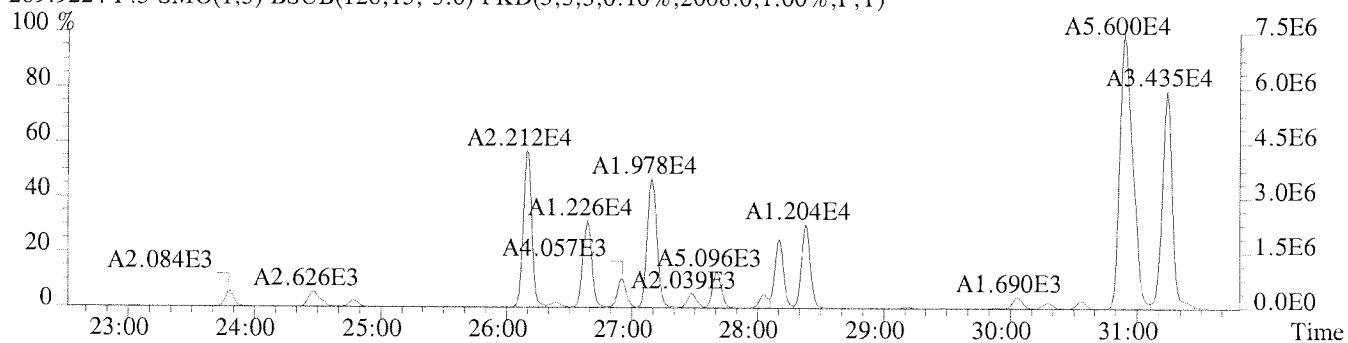


File:U224766 #1-337 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1452.0,1.00%,F,T)

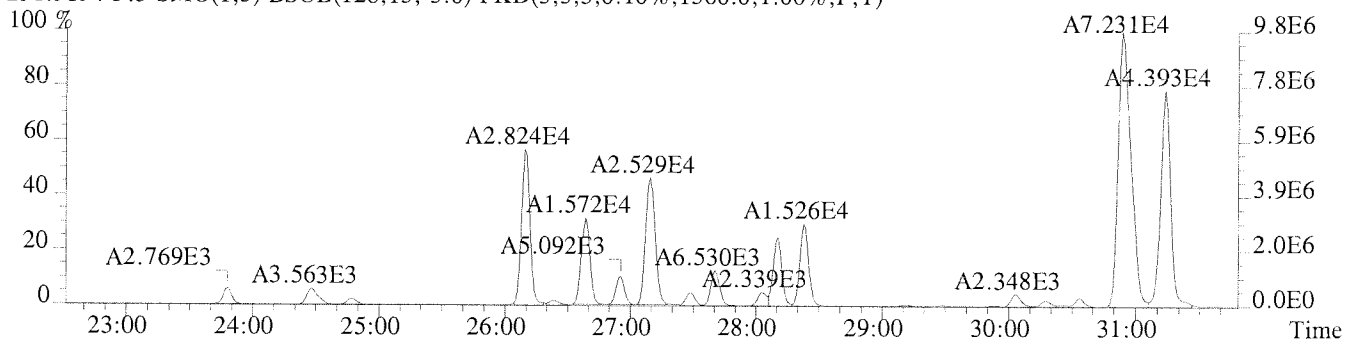


File:U224766 #1-594 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011

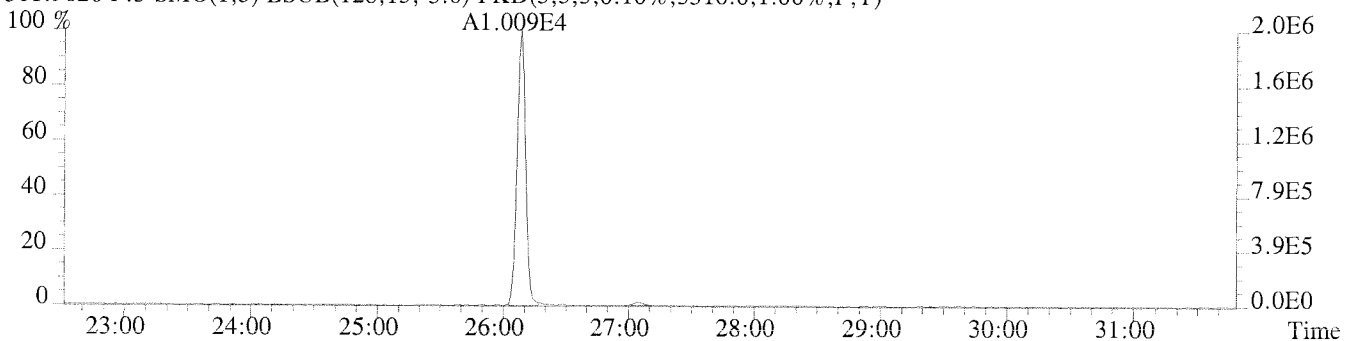
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2008.0,1.00%,F,T)



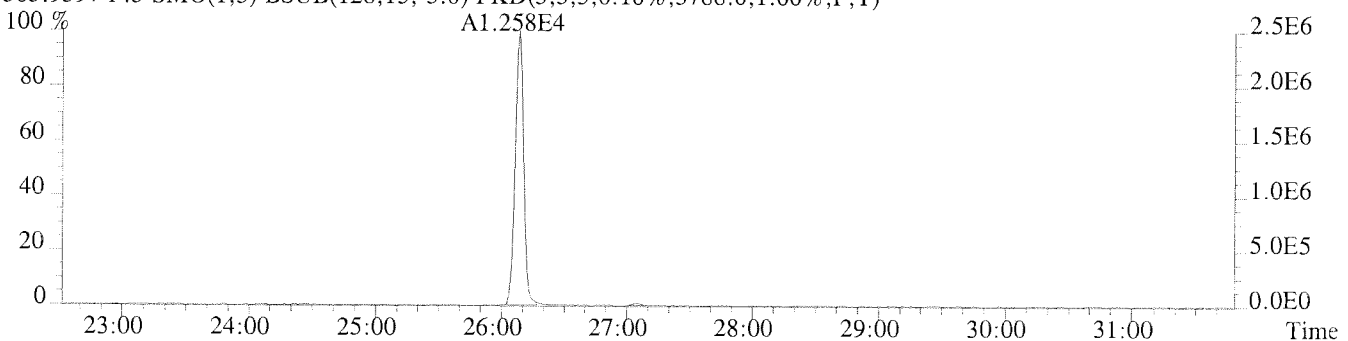
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1560.0,1.00%,F,T)



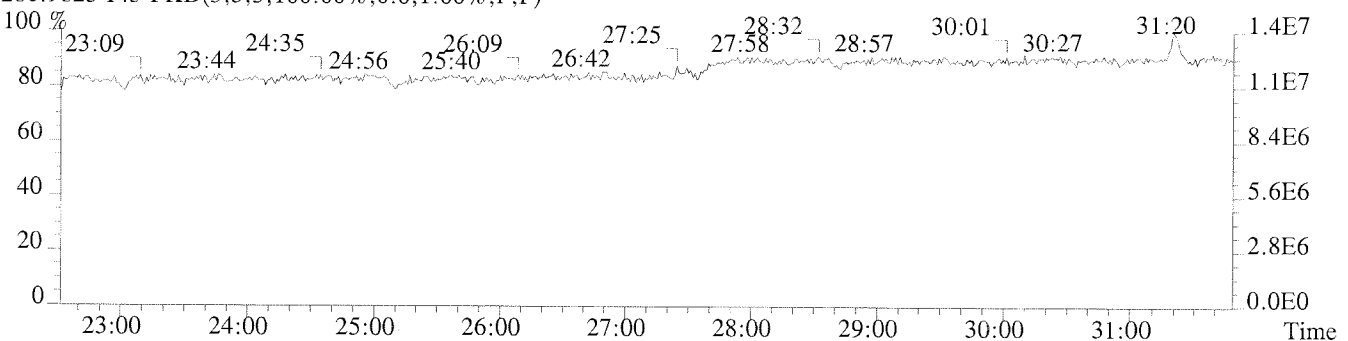
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3316.0,1.00%,F,T)



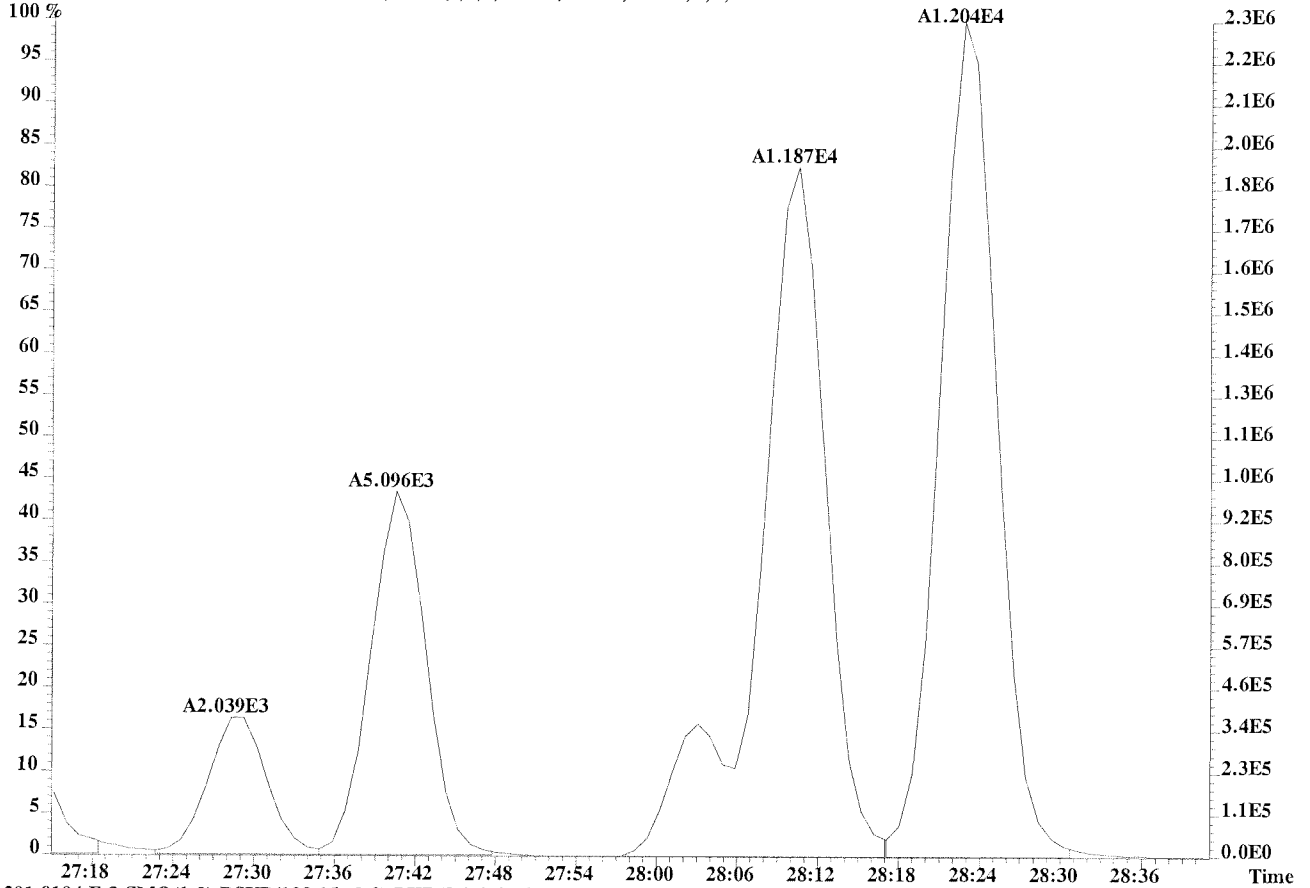
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3788.0,1.00%,F,T)



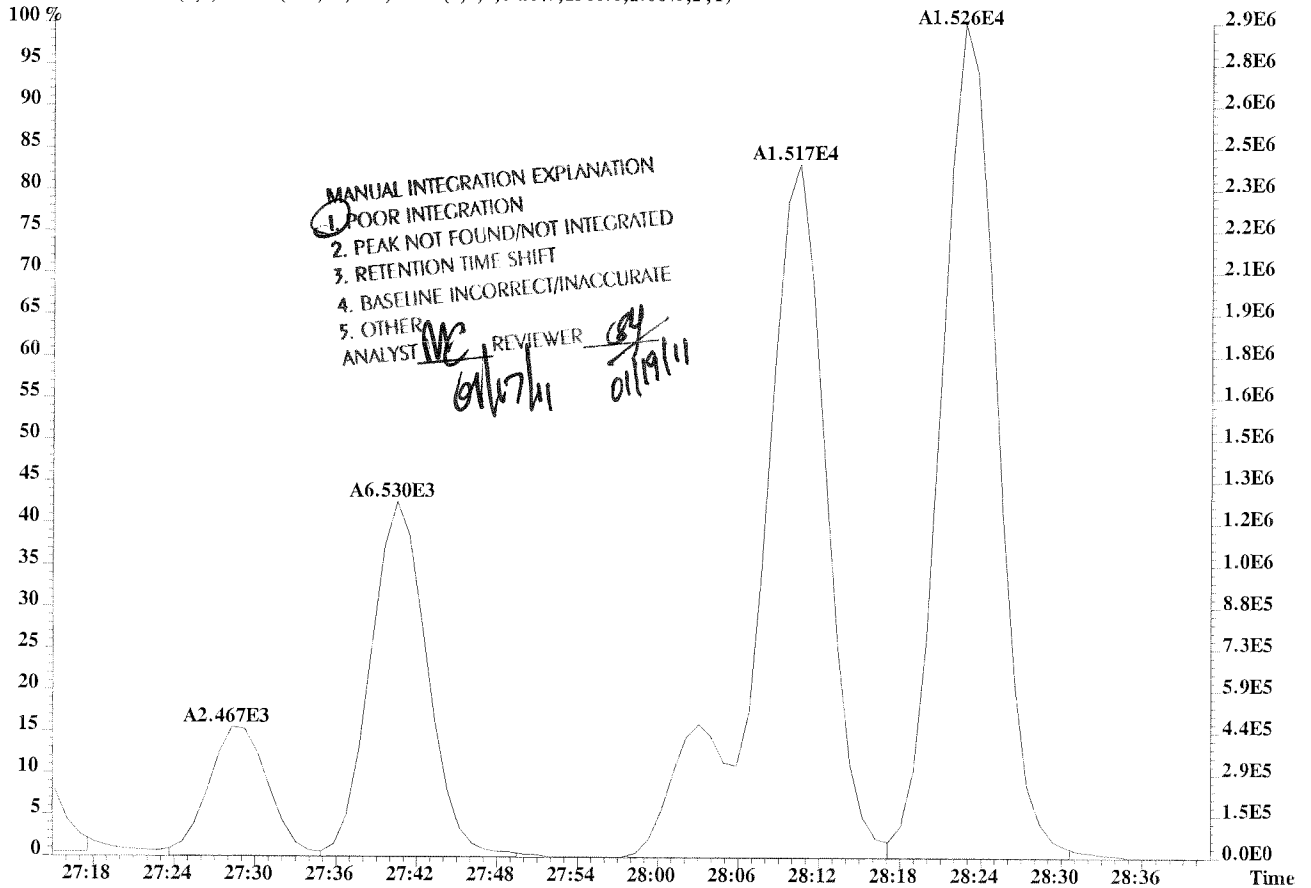
280.9825 F:3 PKD(3,3,3,100.0%,0.0,1.00%,F,F)



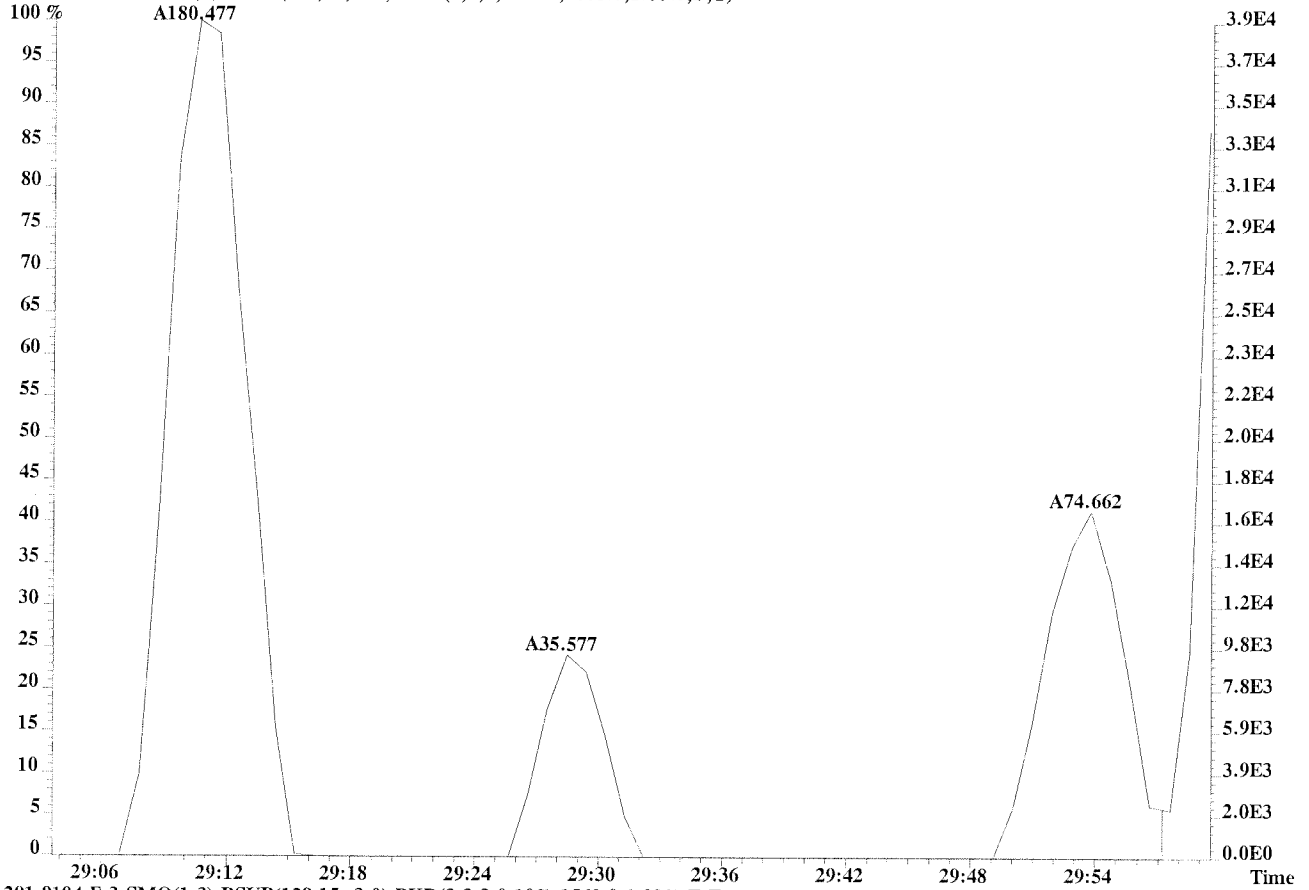
File:U224766 #1-594 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-014 USENRO011
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2008.0,1.00%,F,T)



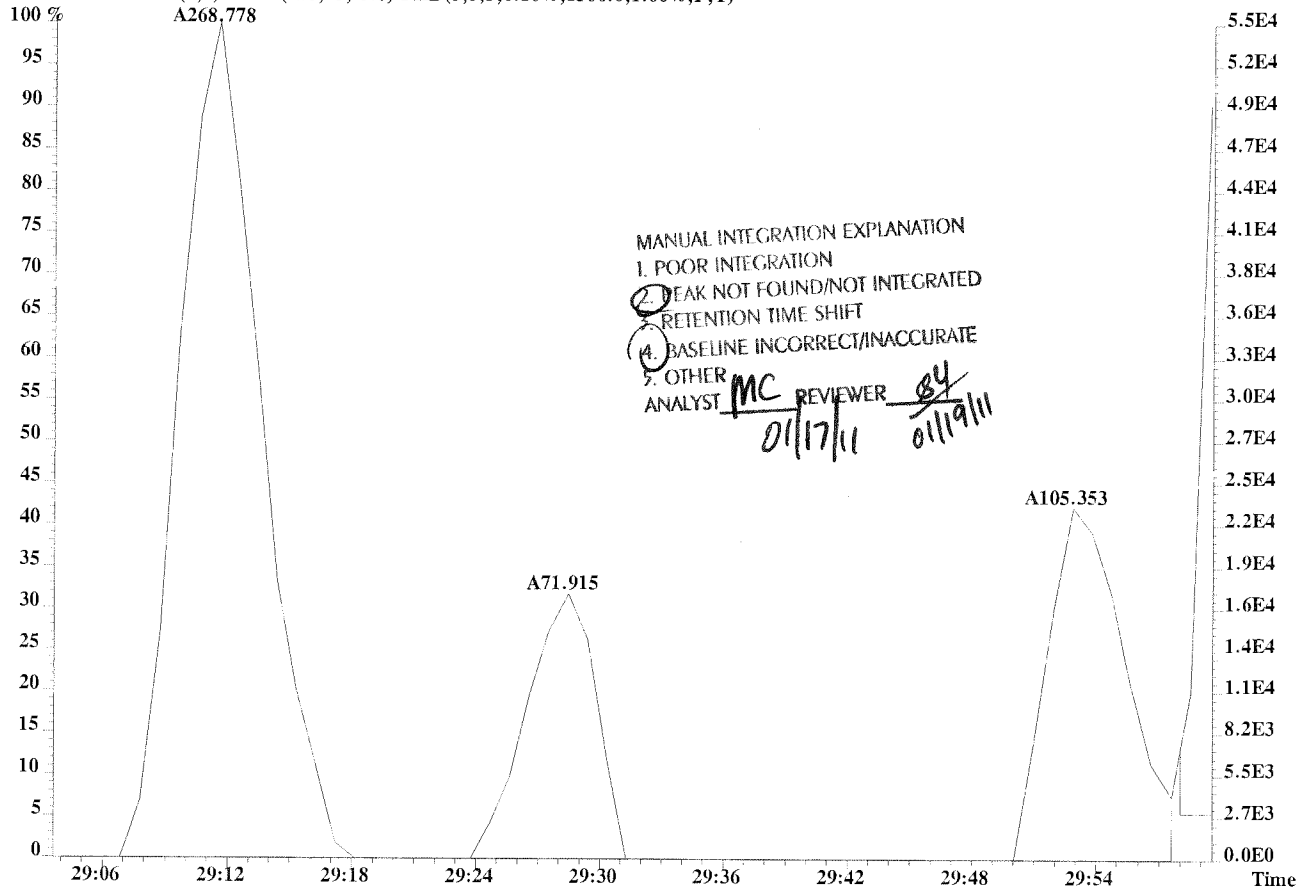
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1560.0,1.00%,F,T)



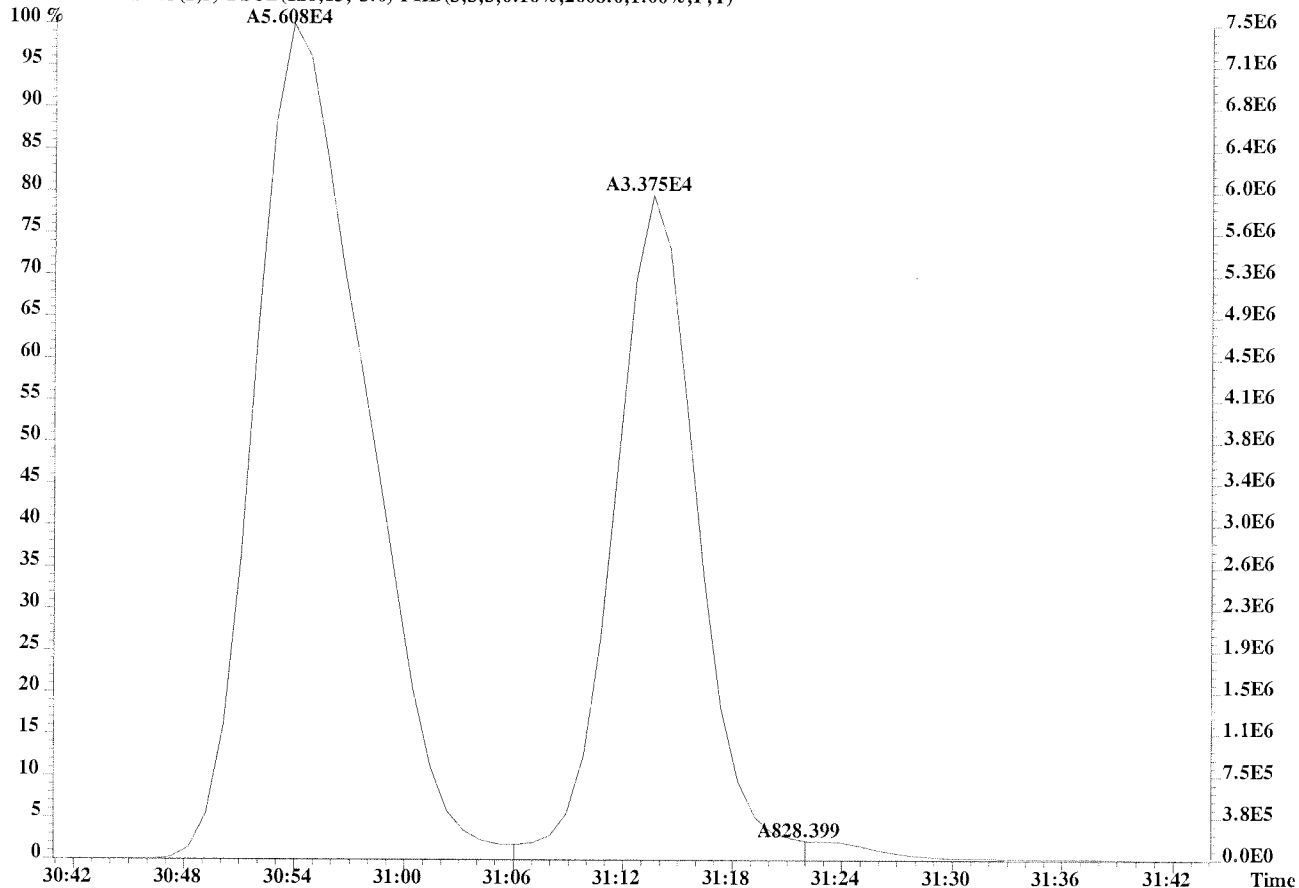
File:U224766 #1-594 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-014 USENRO011
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2008.0,1.00%,F,T)



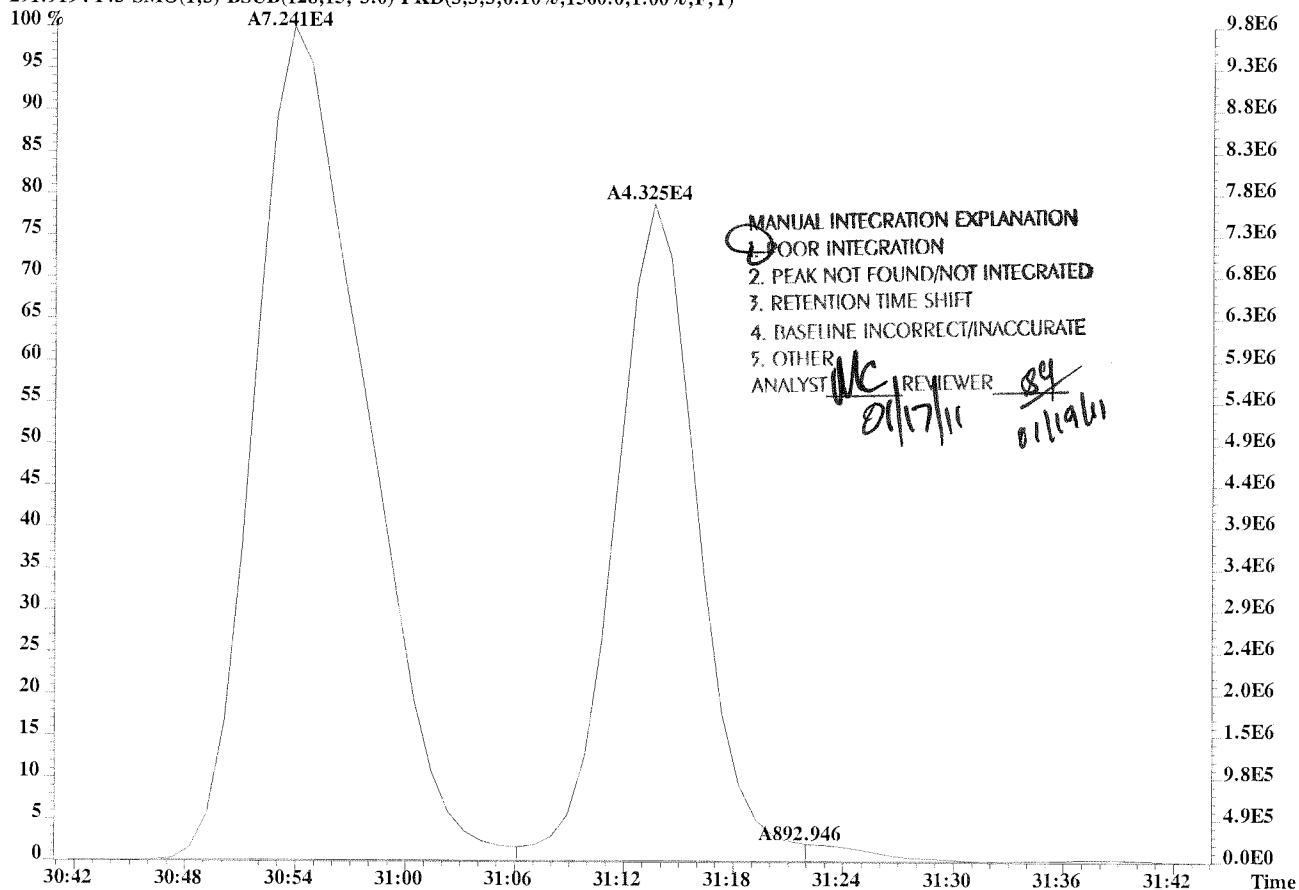
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1560.0,1.00%,F,T)



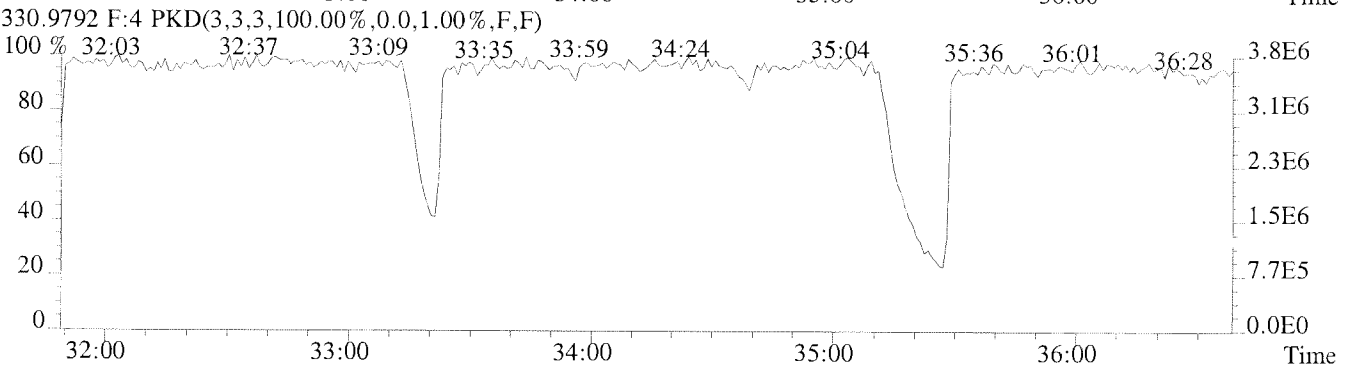
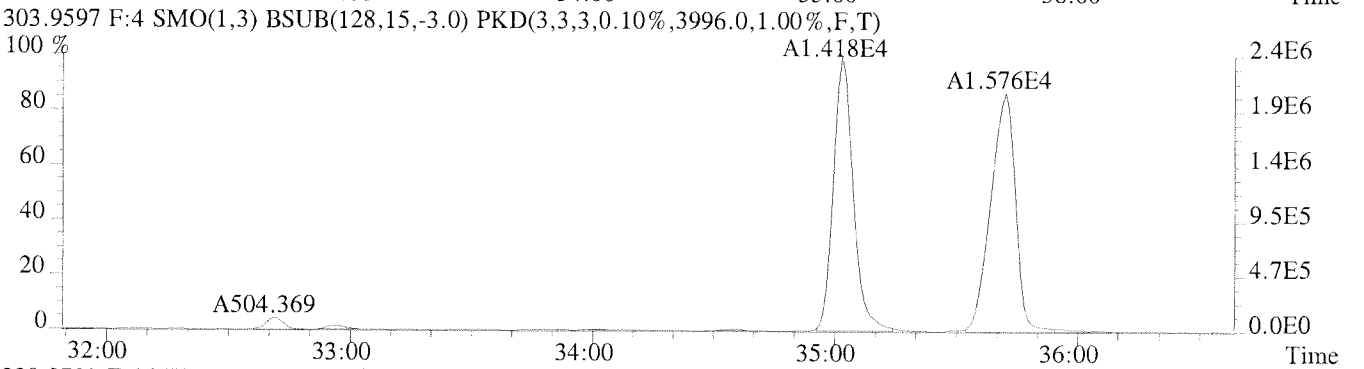
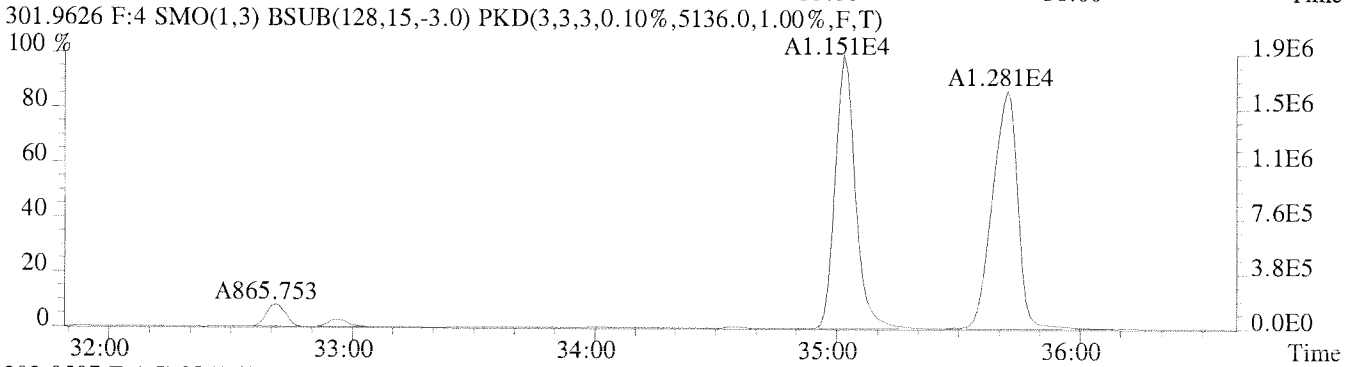
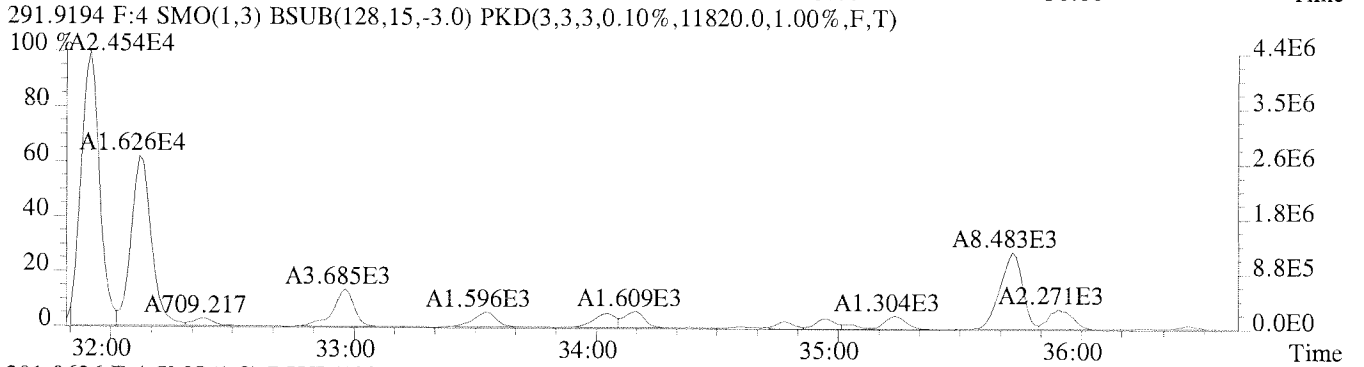
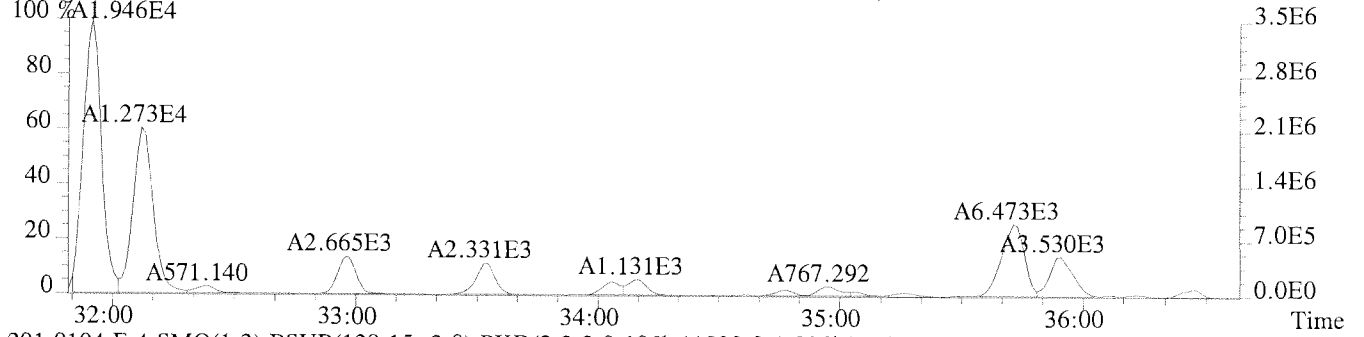
File:U224766 #1-594 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-014 USENRO011
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2008.0,1.00%,F,T)



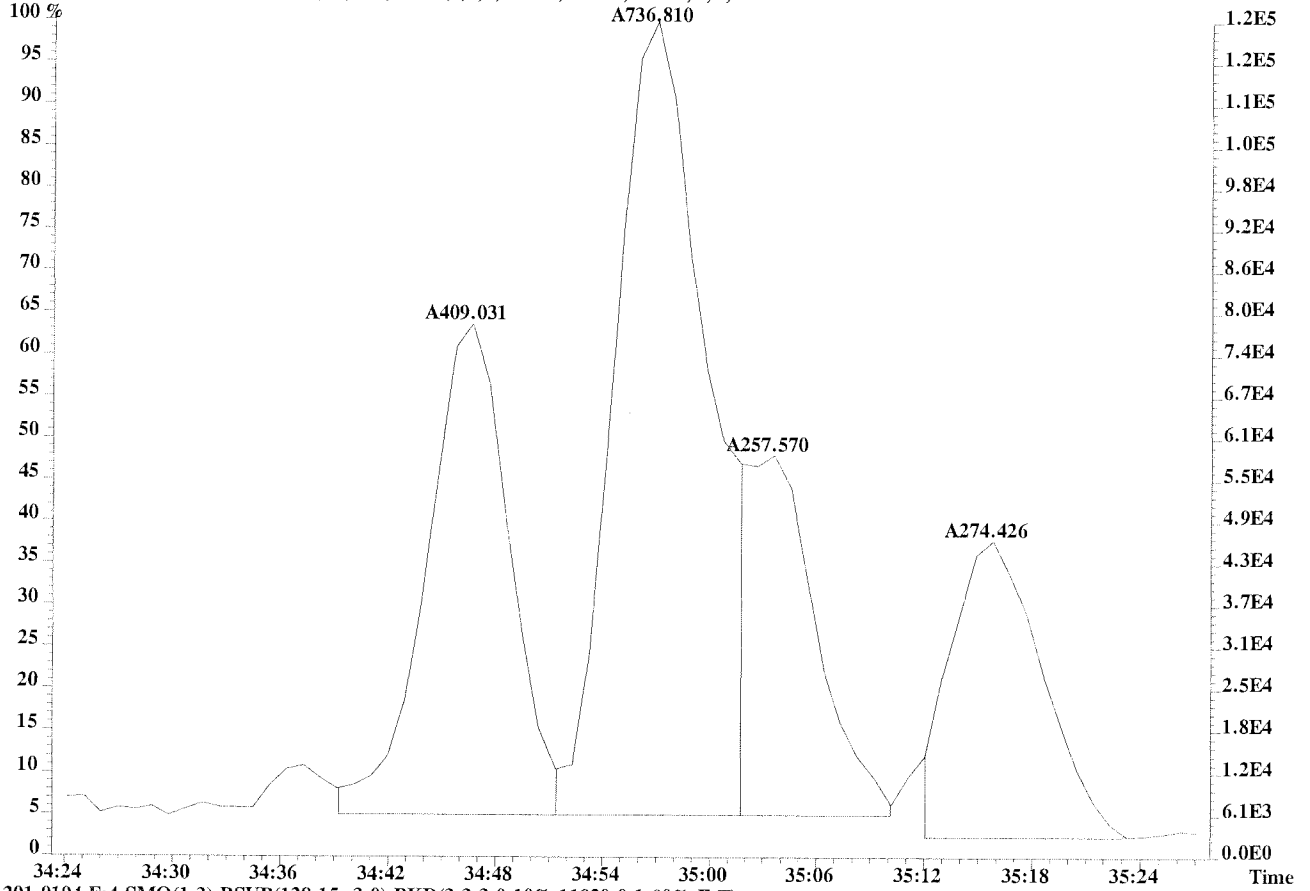
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1560.0,1.00%,F,T)



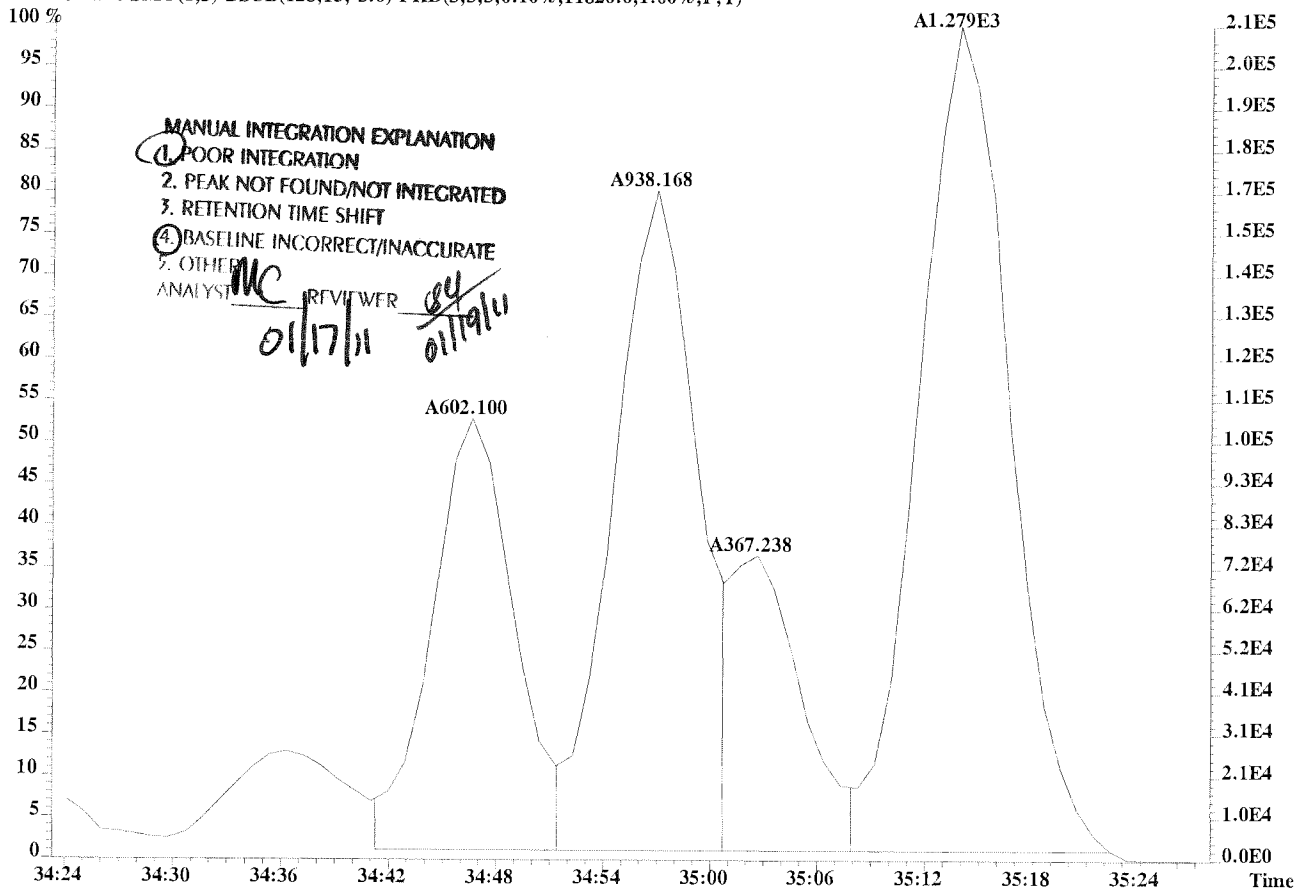
File:U224766 #1-309 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-014 USENRO011
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7700.0,1.00%,F,T)
 100 %A1.946E4



File: U224766 #1-309 Acq: 15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp: K1013433-014 USENRO011
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7700.0,1.00%,F,T)



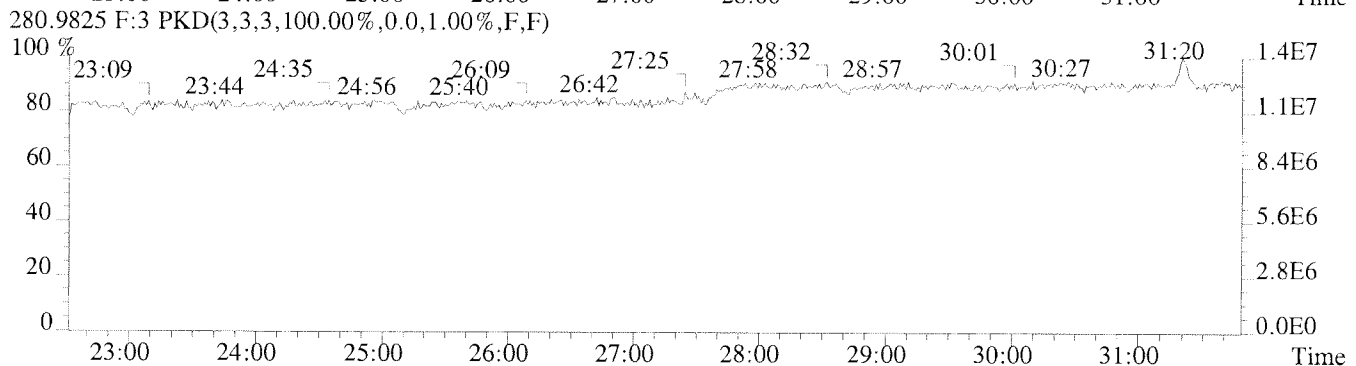
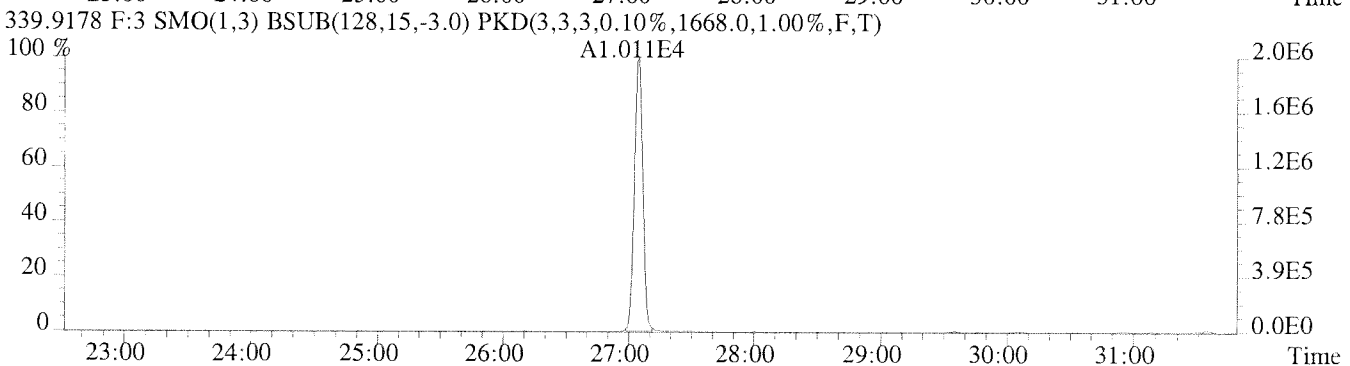
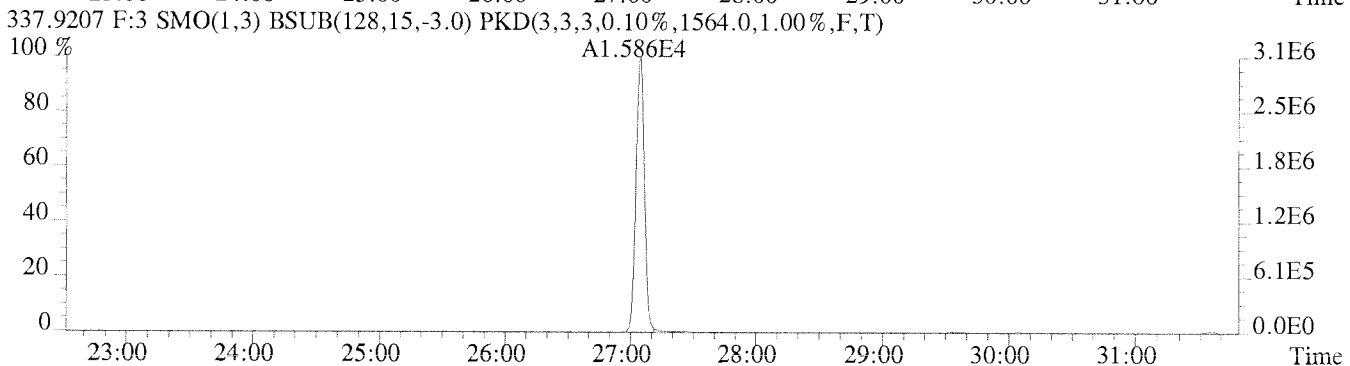
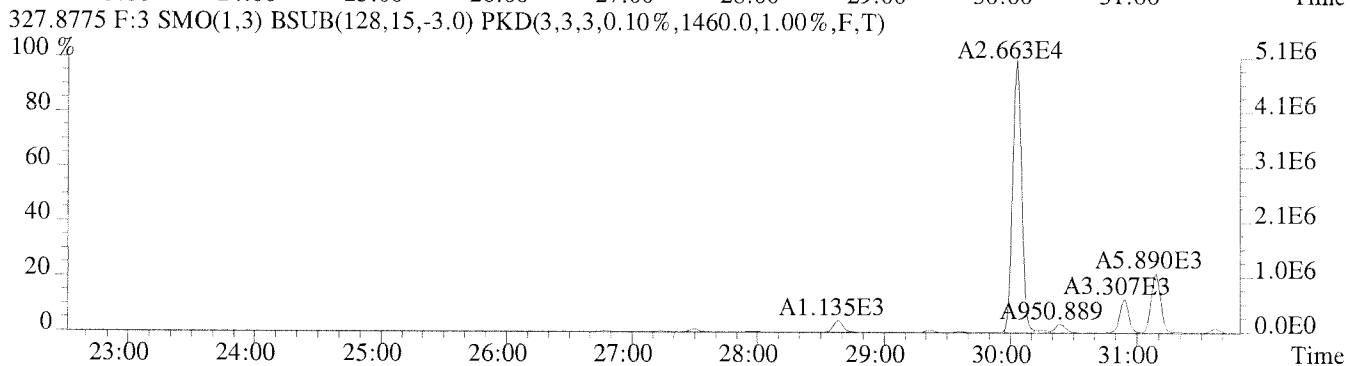
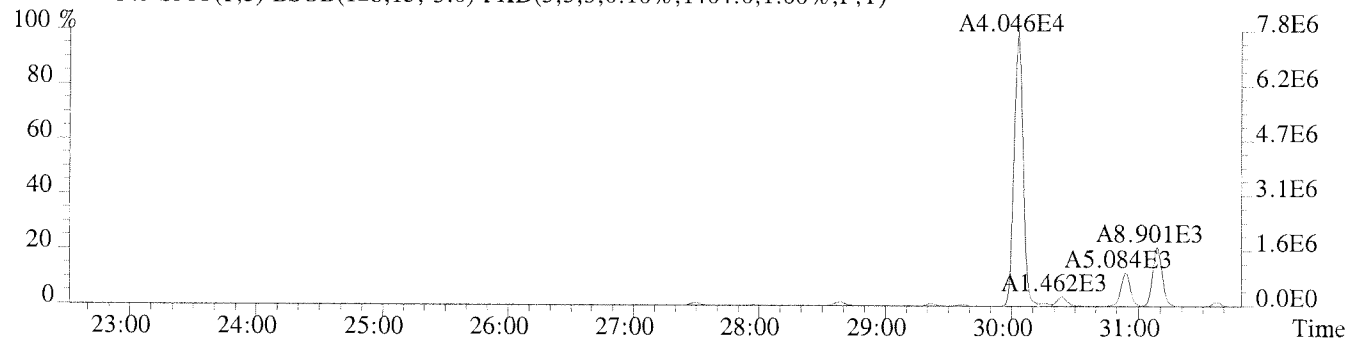
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11820.0,1.00%,F,T)



MANUAL INTEGRATION EXPLANATION
 1. POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER

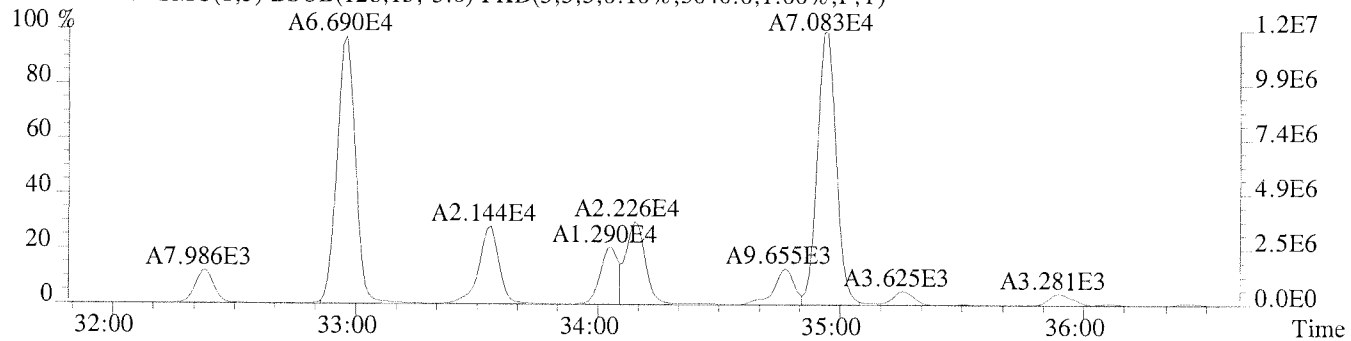
ANALYST: *MC* REVIEWER: *cy*
 01/17/11 01/19/11

File:U224766 #1-594 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1404.0,1.00%,F,T)

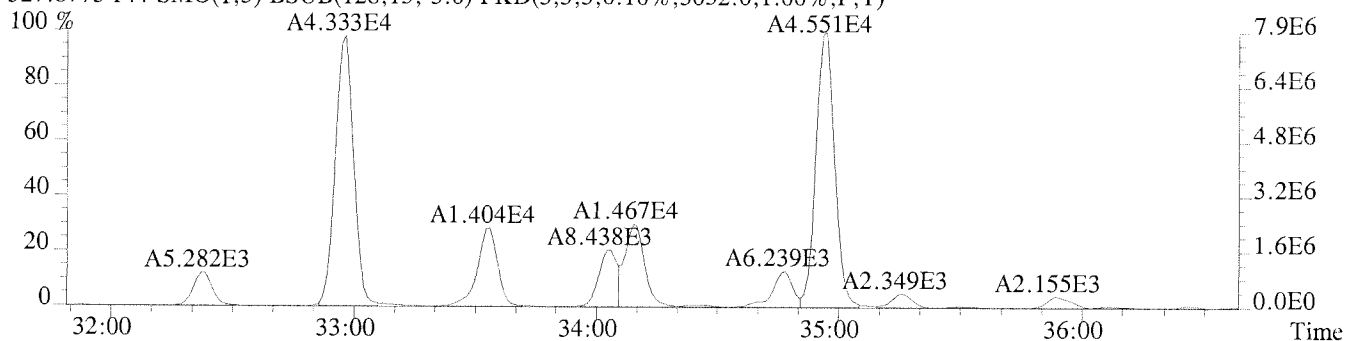


File:U224766 #1-309 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011

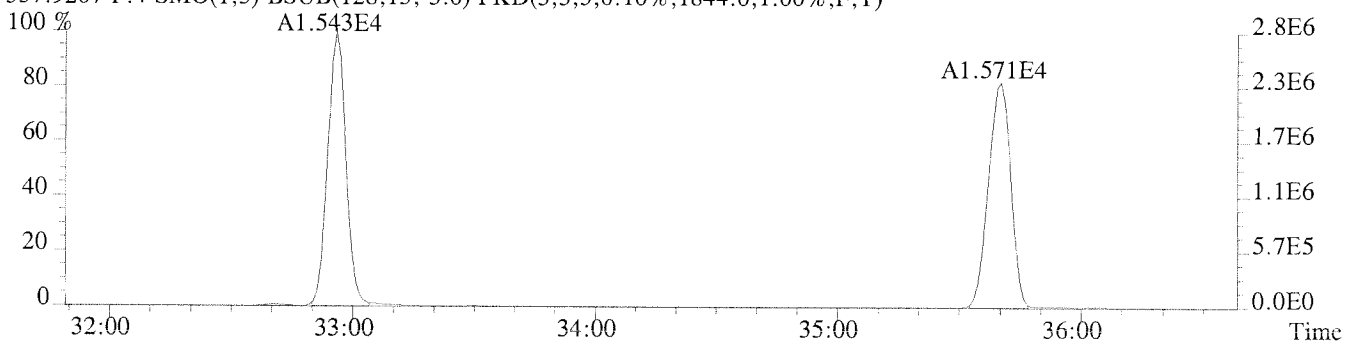
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5040.0,1.00%,F,T)



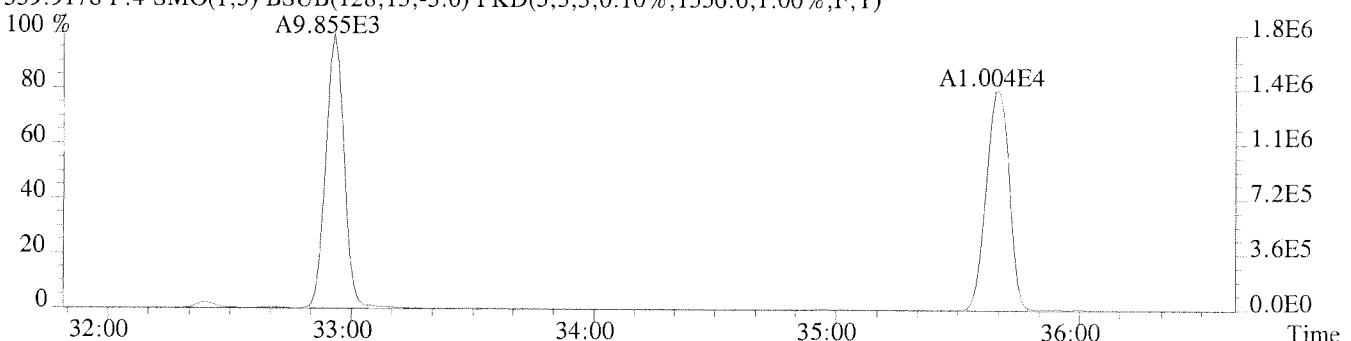
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3052.0,1.00%,F,T)



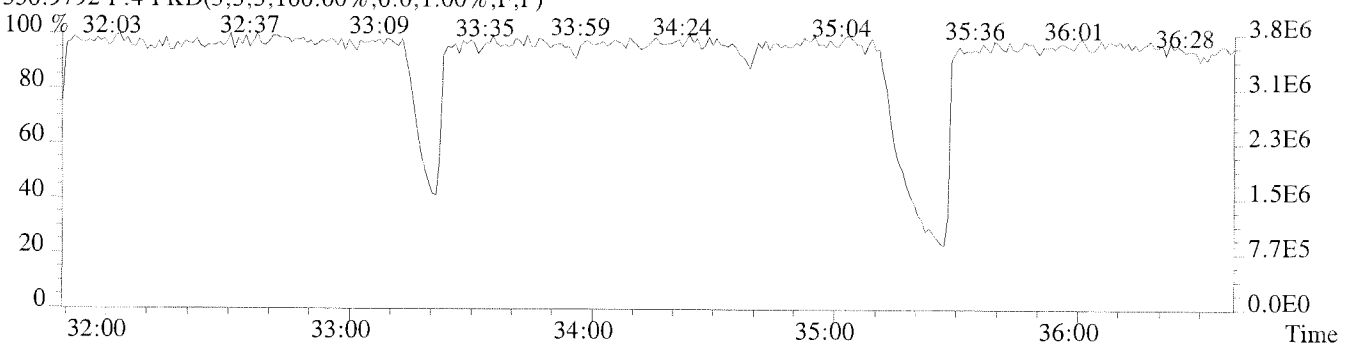
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1844.0,1.00%,F,T)



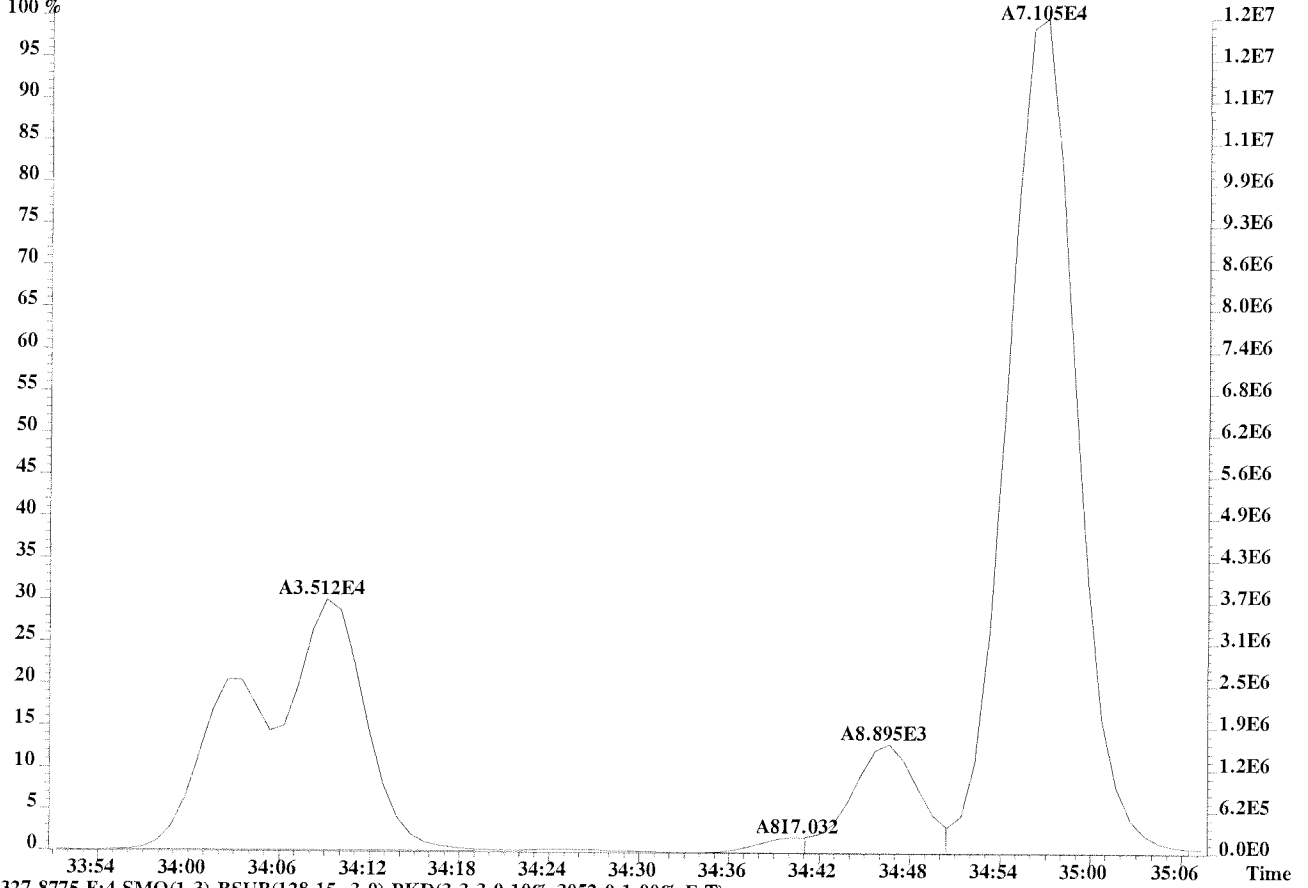
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1556.0,1.00%,F,T)



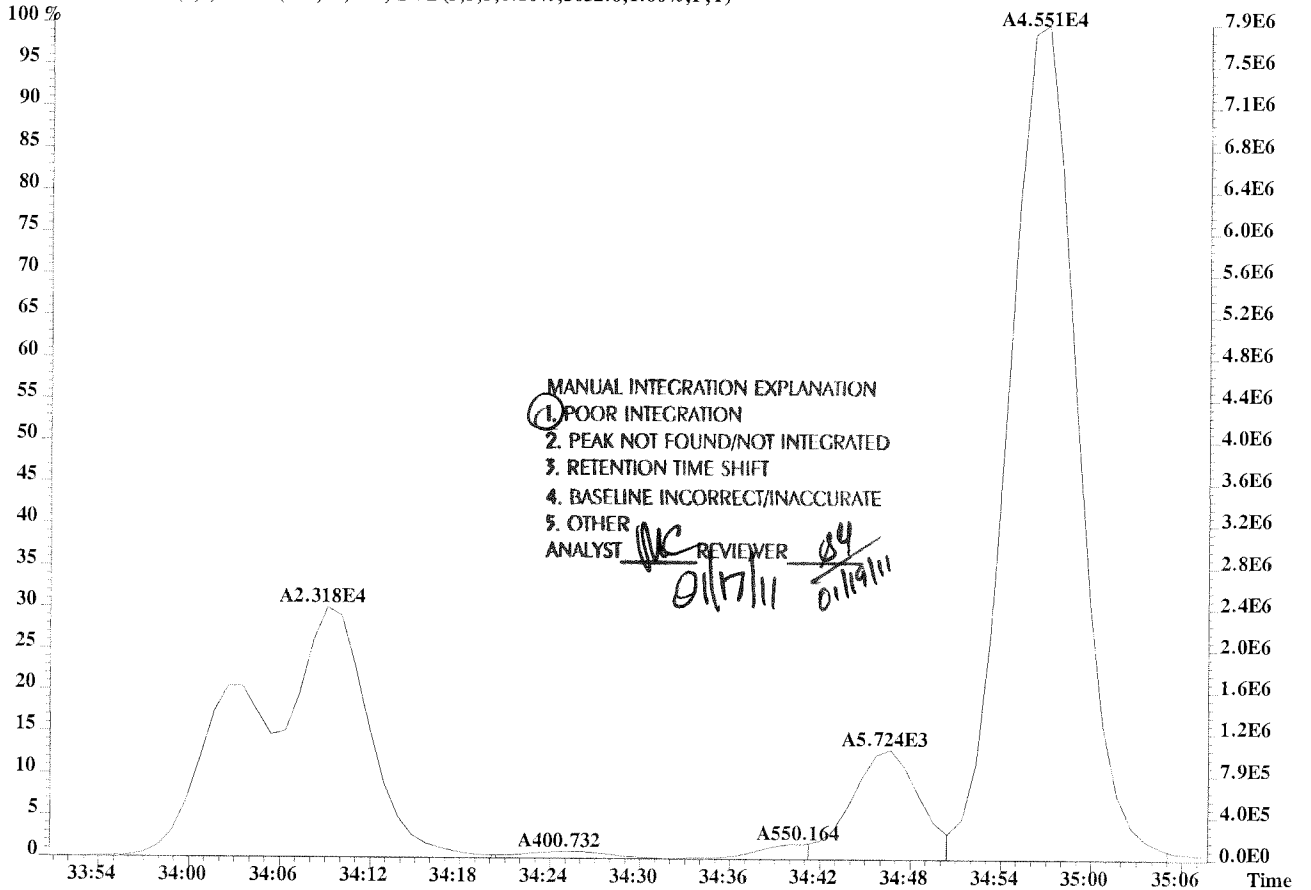
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



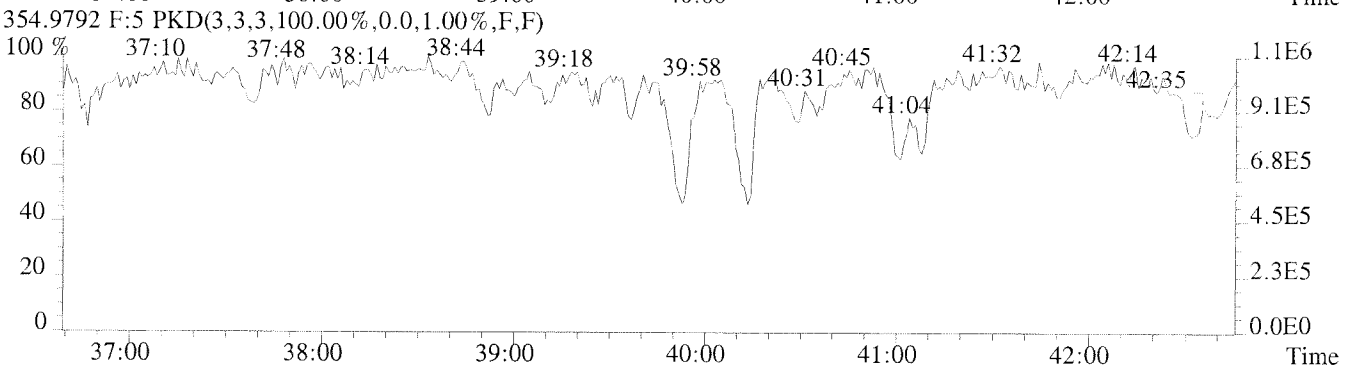
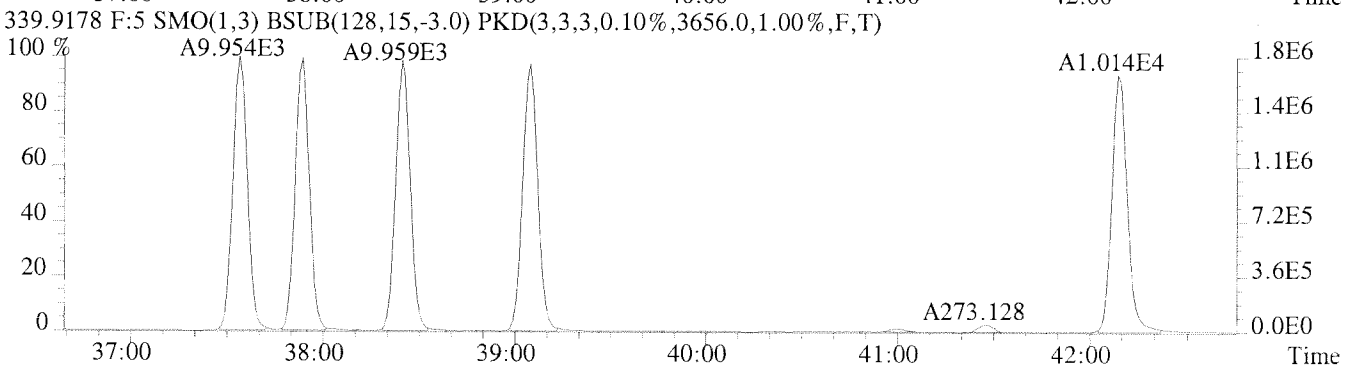
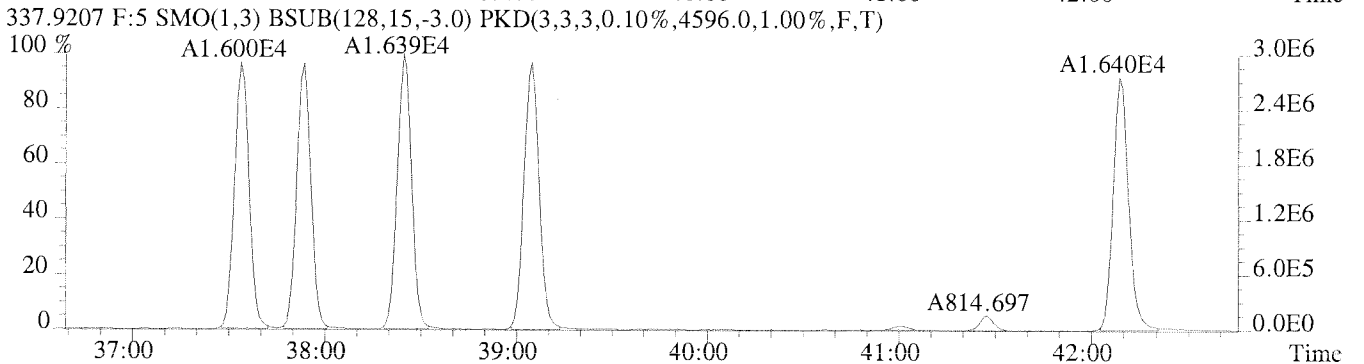
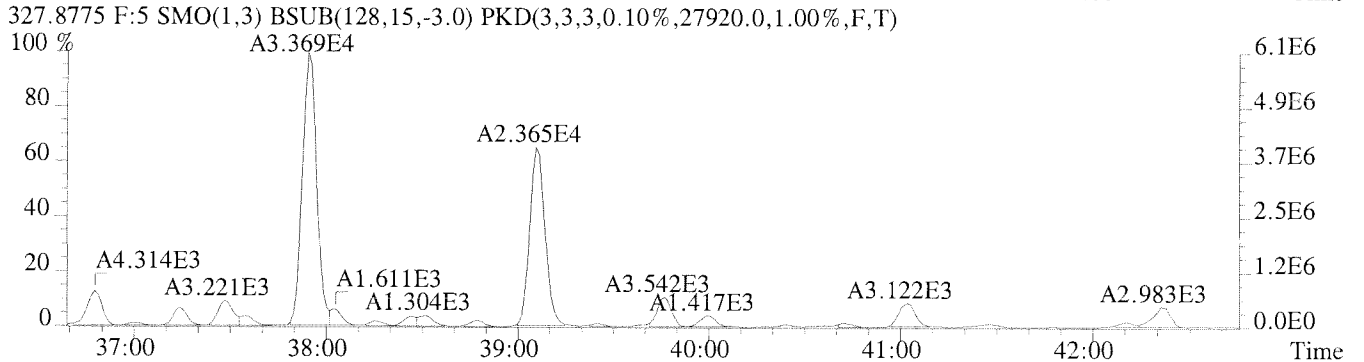
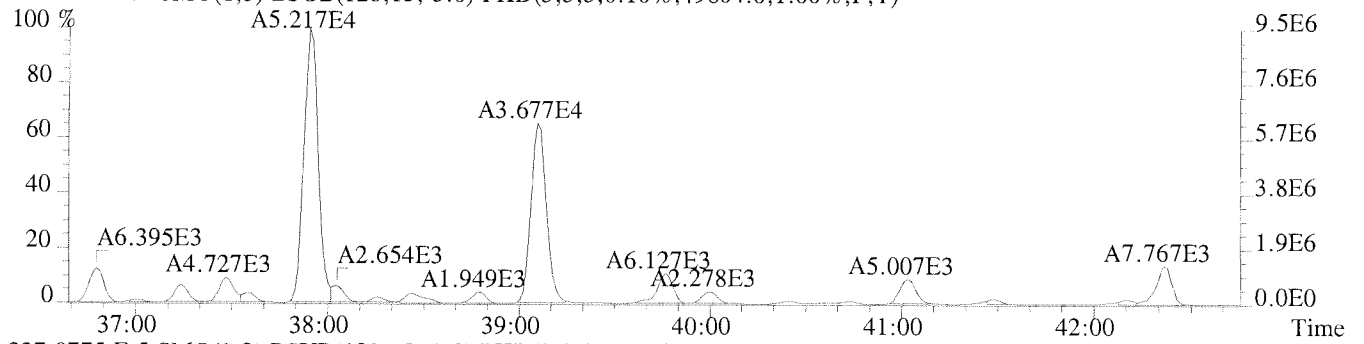
File:U224766 #1-309 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-014 USENRO011
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5040.0,1.00%,F,T)



327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3052.0,1.00%,F,T)



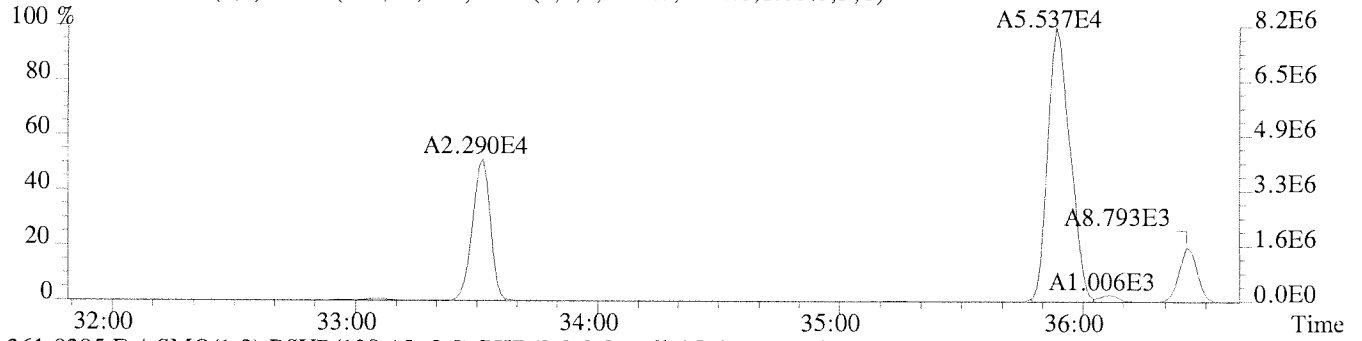
File:U224766 #1-391 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011



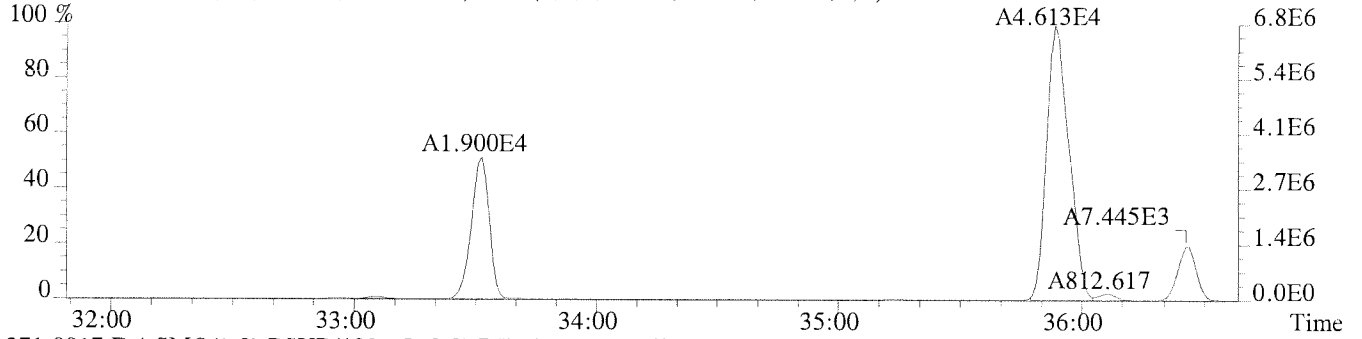
File:U224766 #1-309 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-014 USENRO011

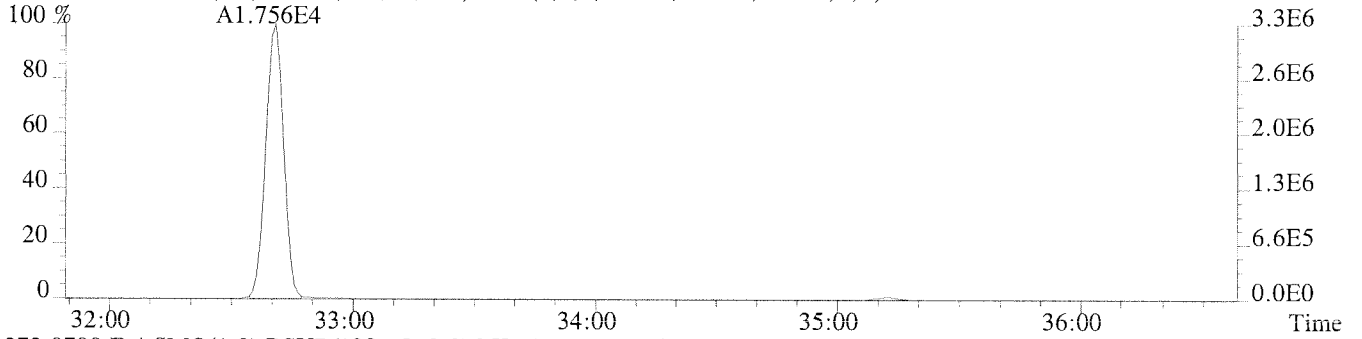
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2484.0,1.00%,F,T)



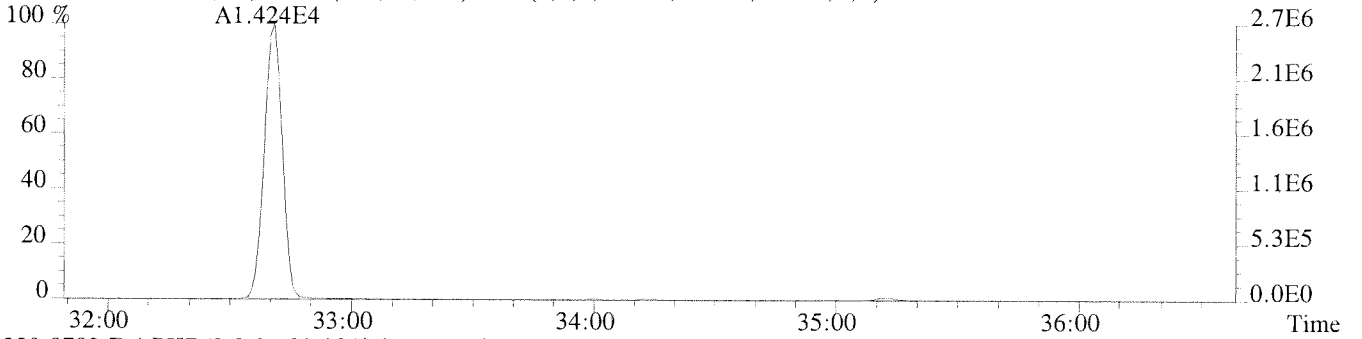
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2532.0,1.00%,F,T)



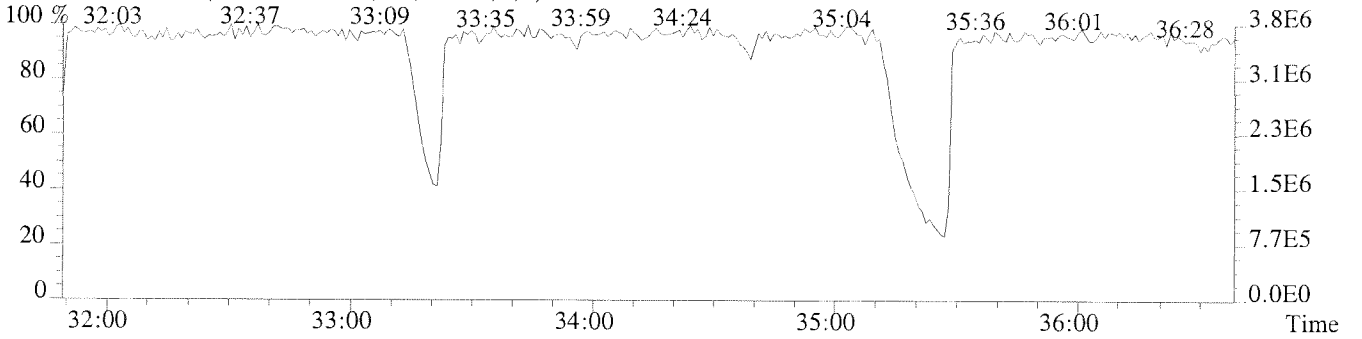
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1932.0,1.00%,F,T)



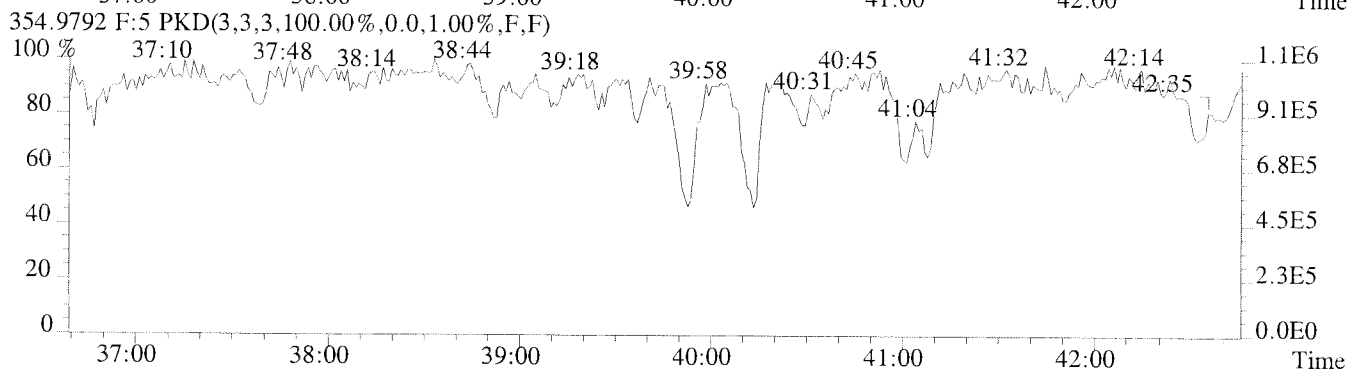
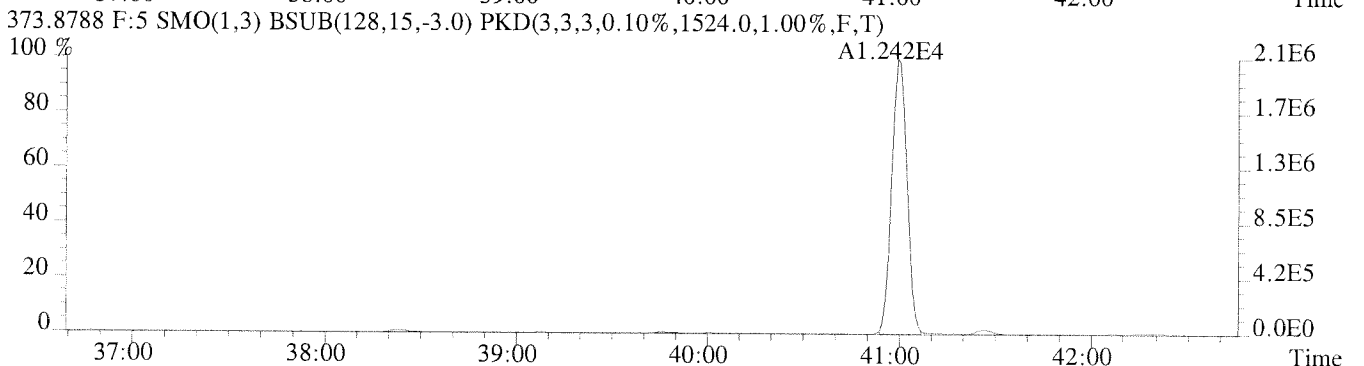
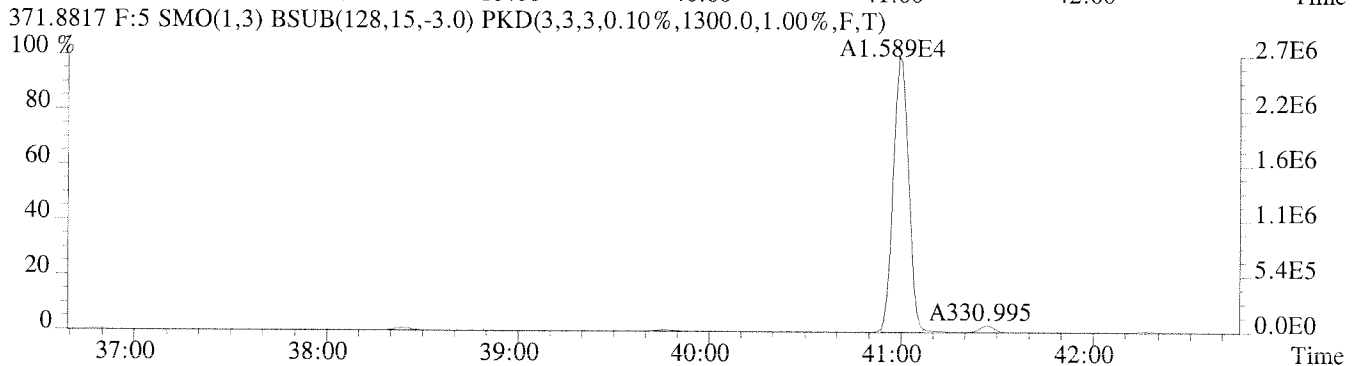
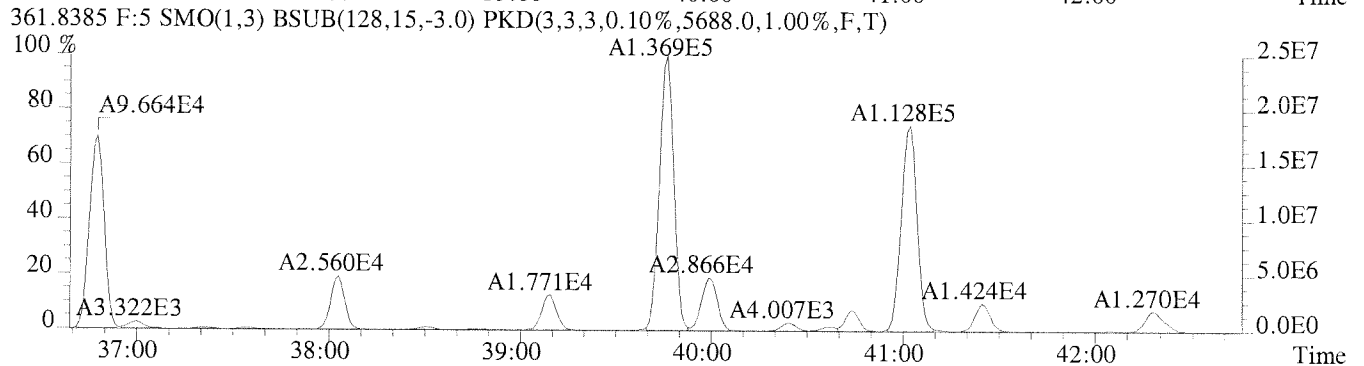
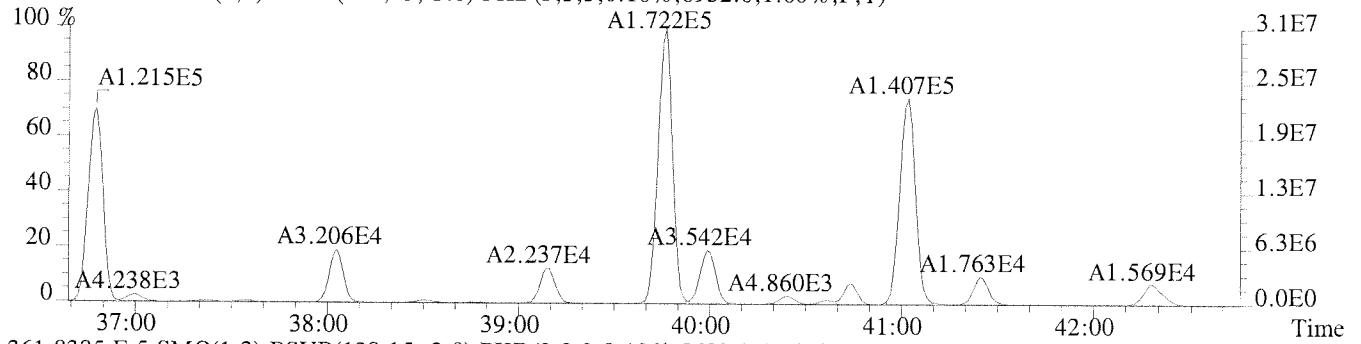
373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1960.0,1.00%,F,T)



330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

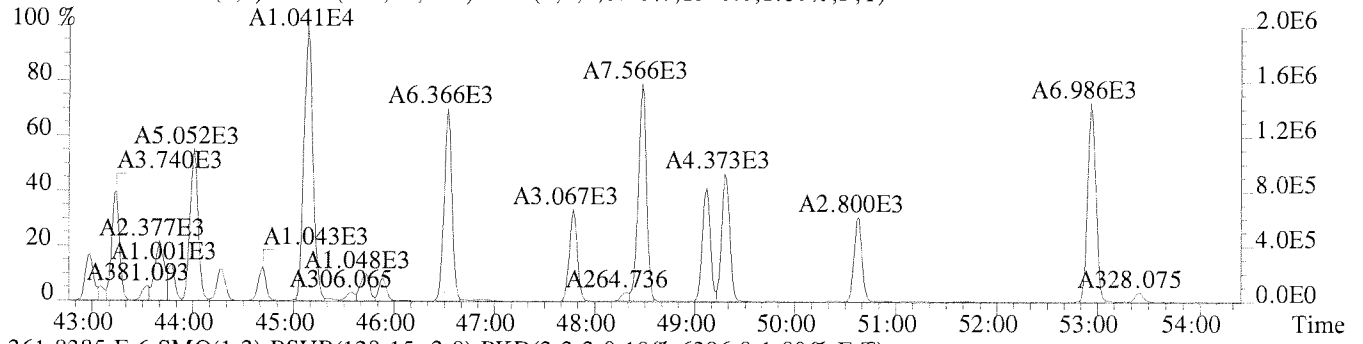


File:U224766 #1-391 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6932.0,1.00%,F,T)

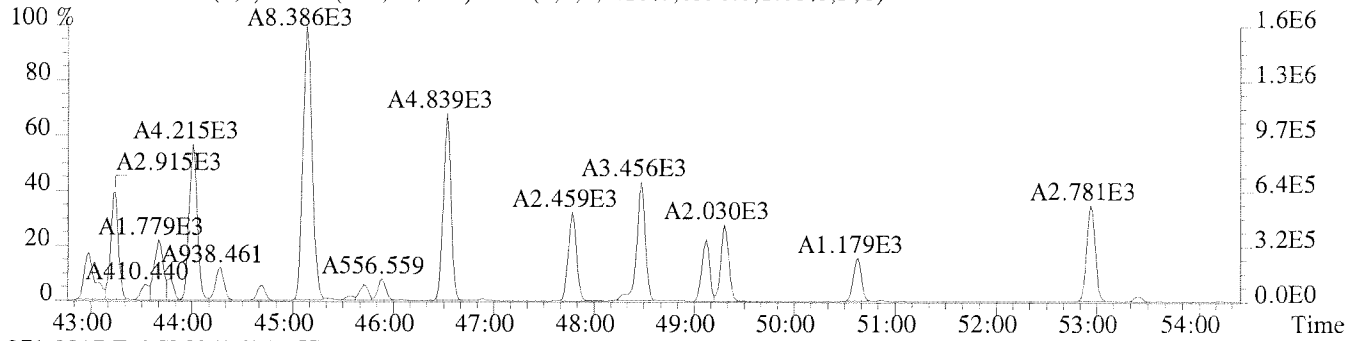


File:U224766 #1-577 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011

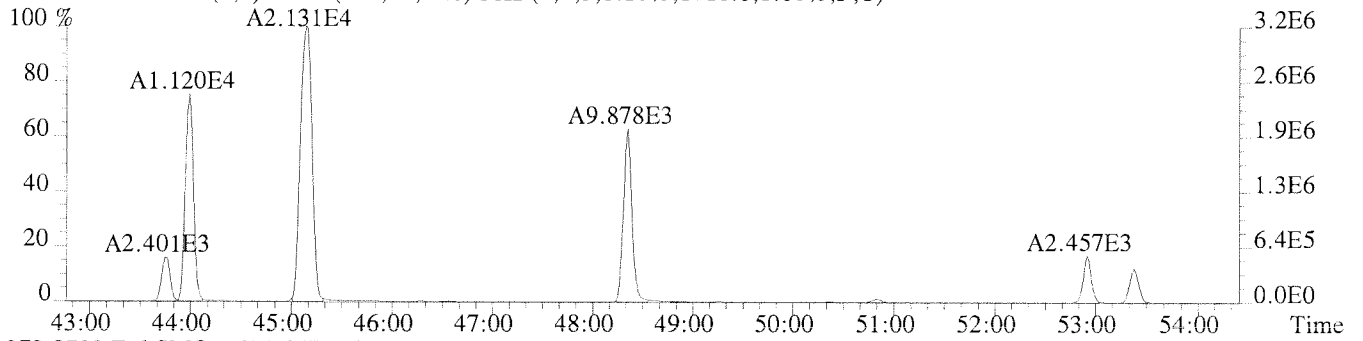
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1540.0,1.00%,F,T)



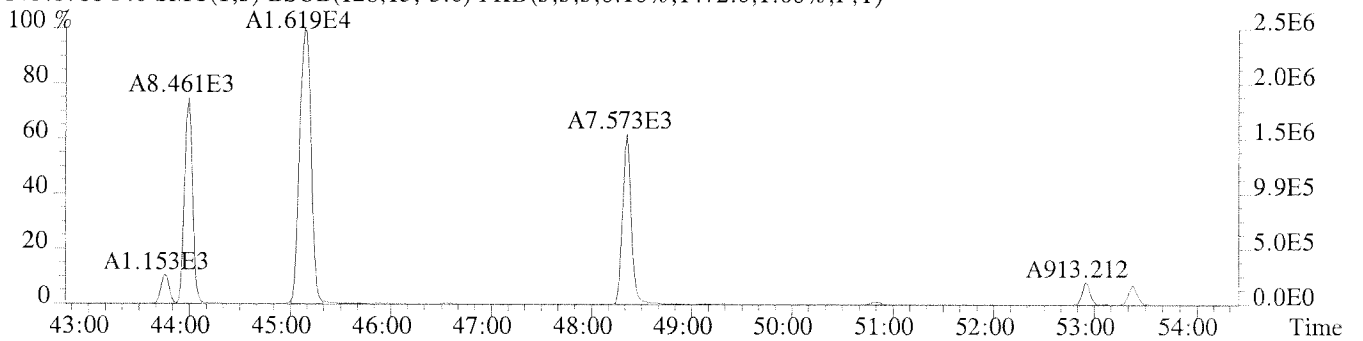
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6396.0,1.00%,F,T)



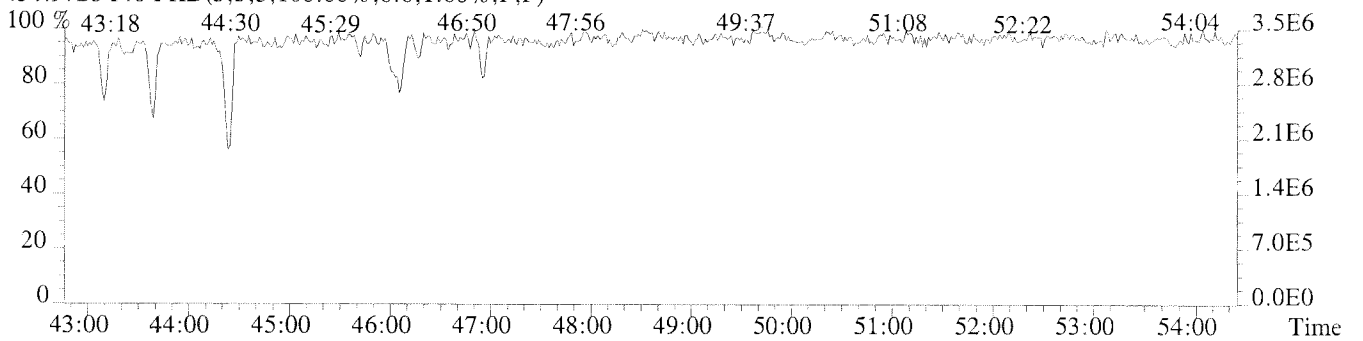
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1716.0,1.00%,F,T)

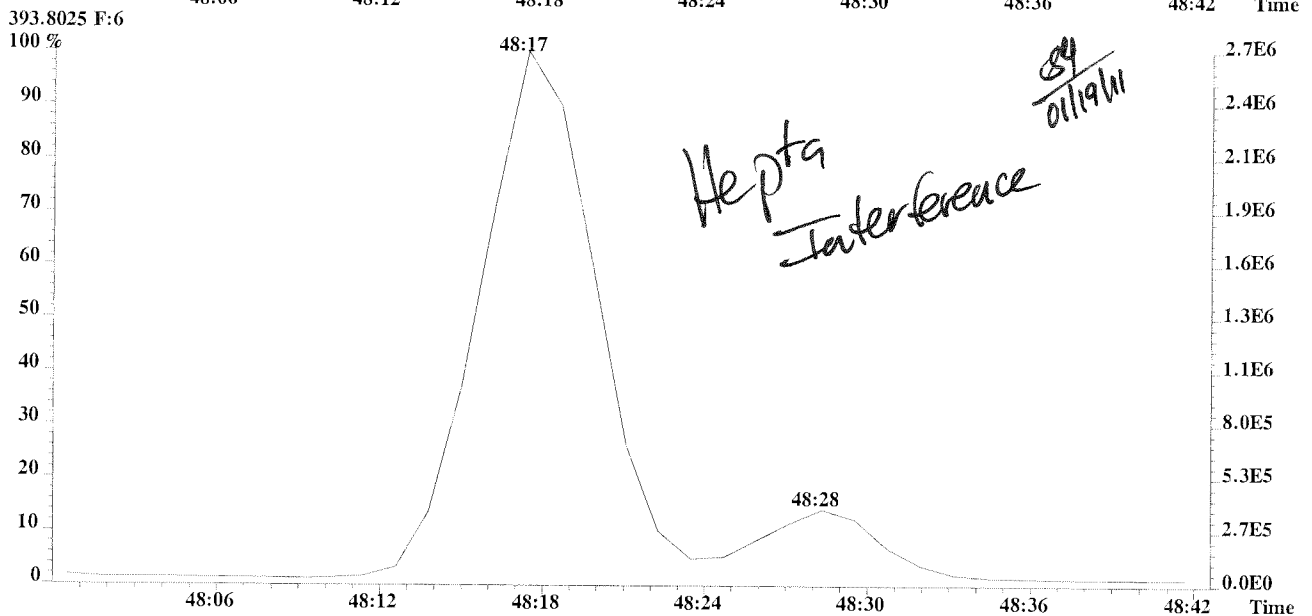
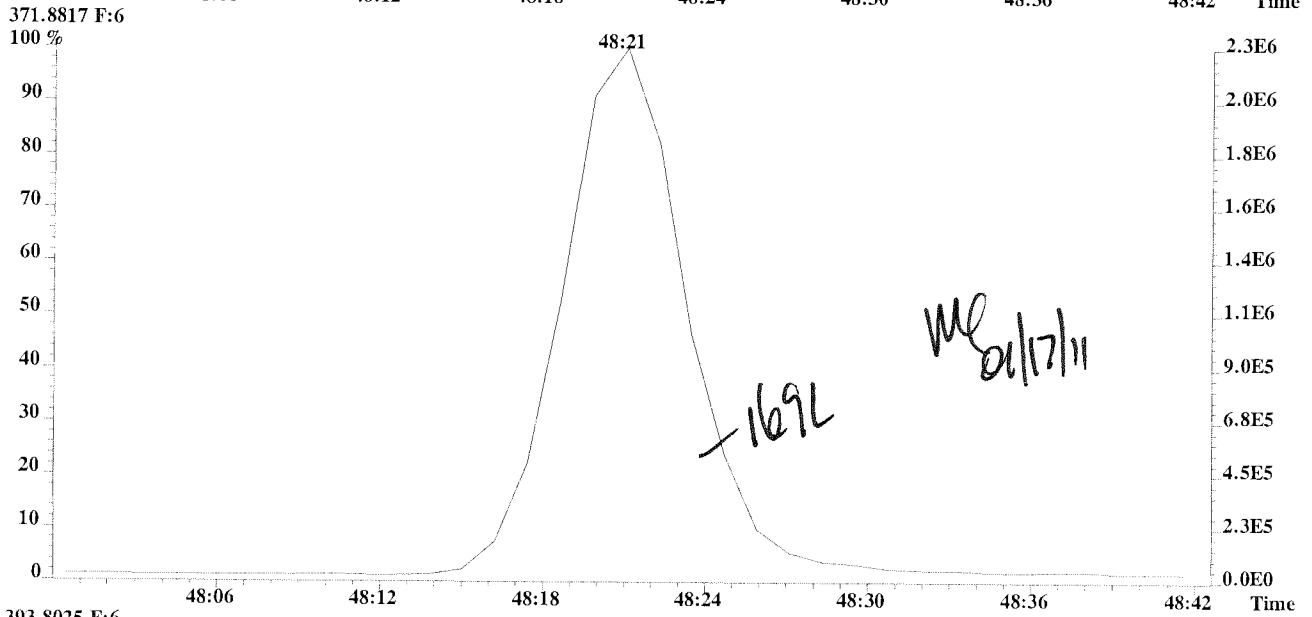
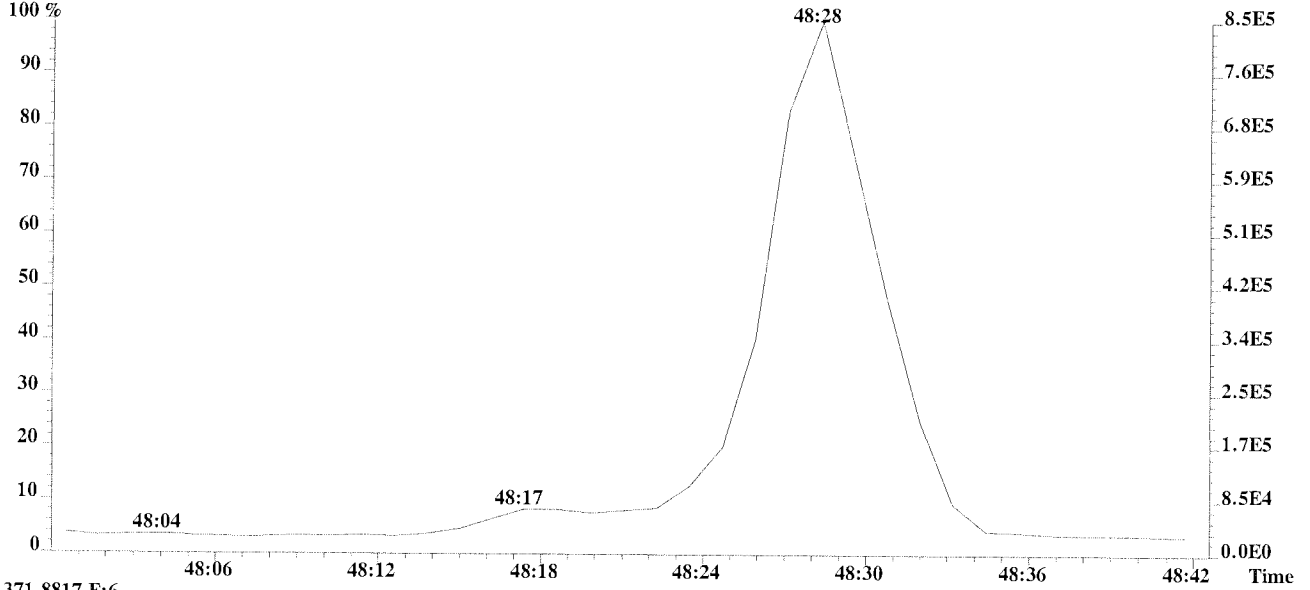


373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1472.0,1.00%,F,T)

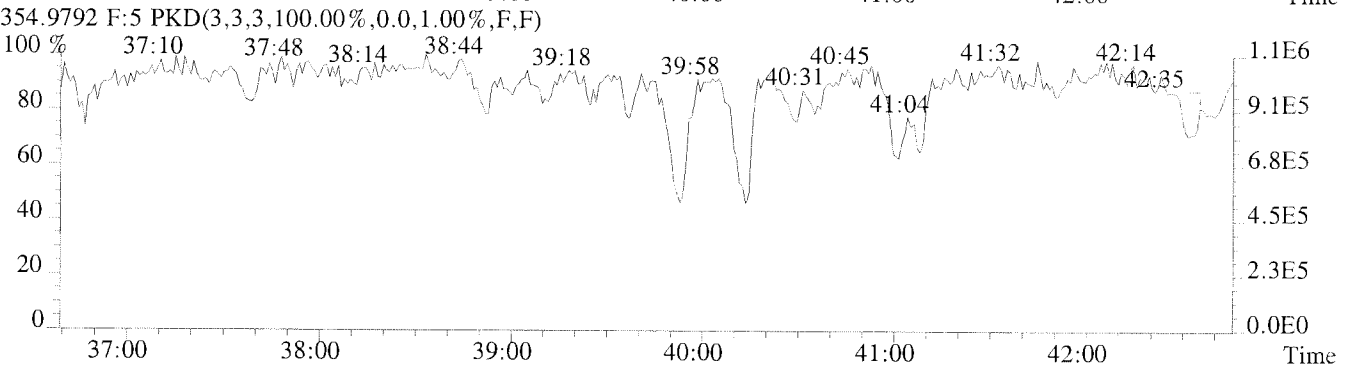
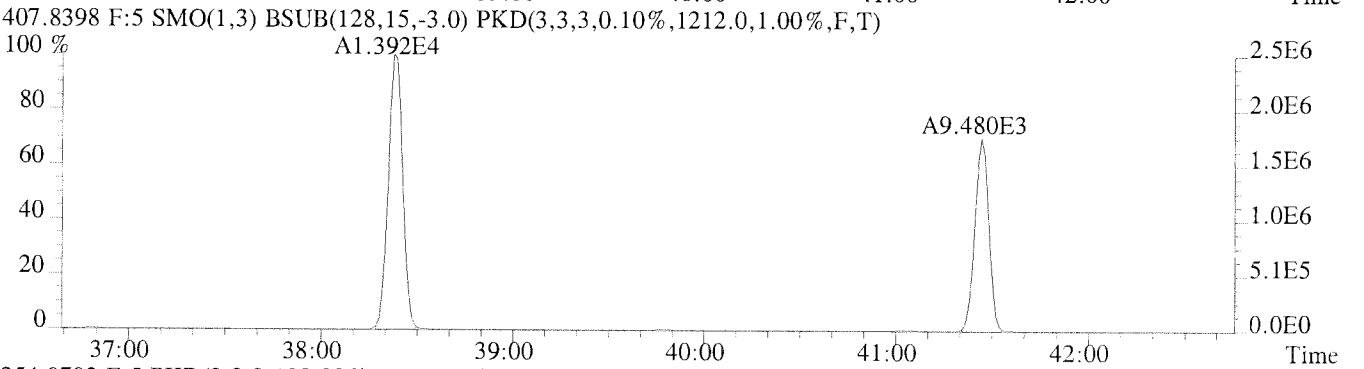
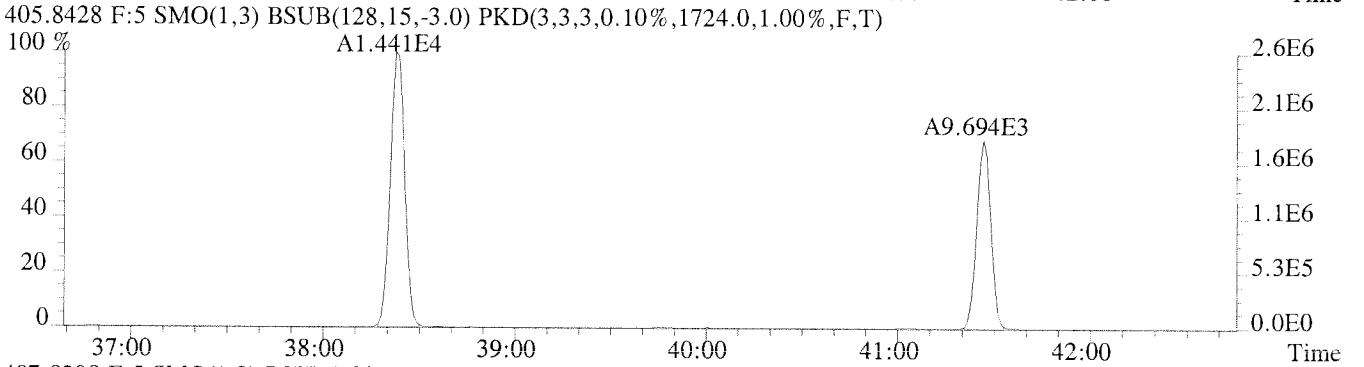
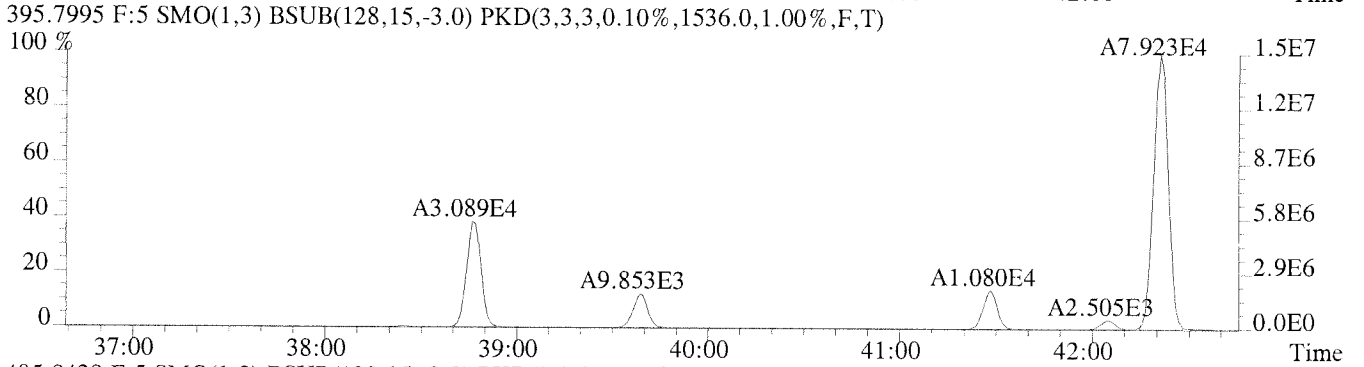
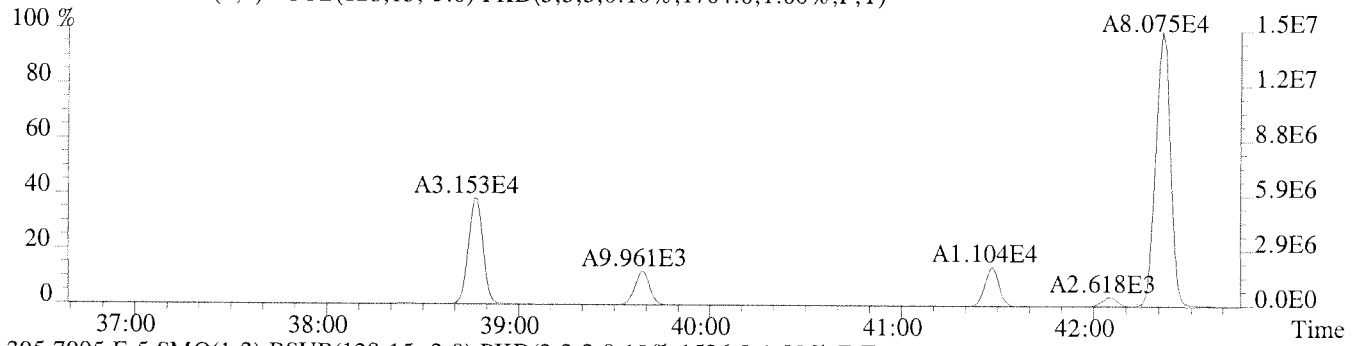


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

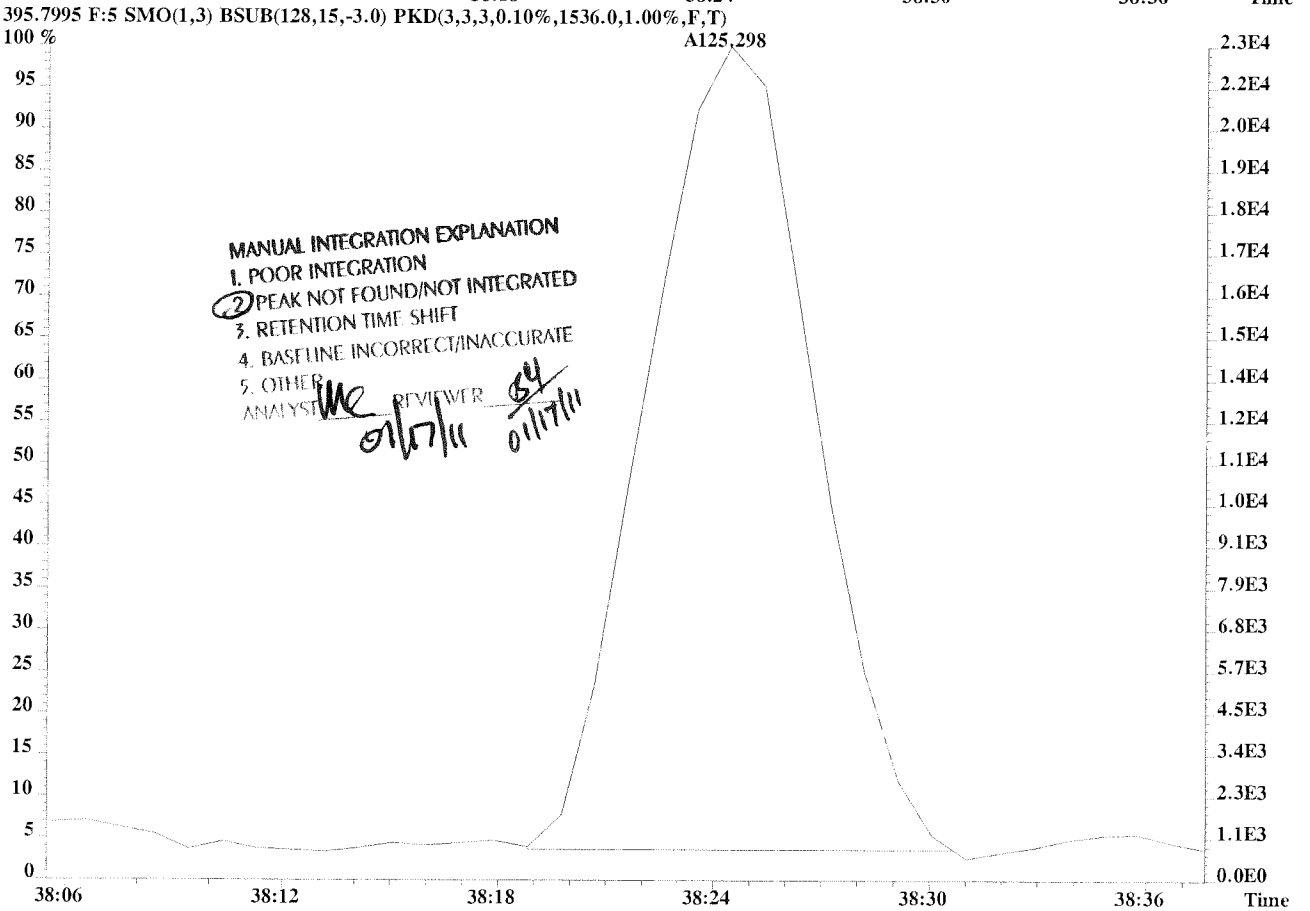
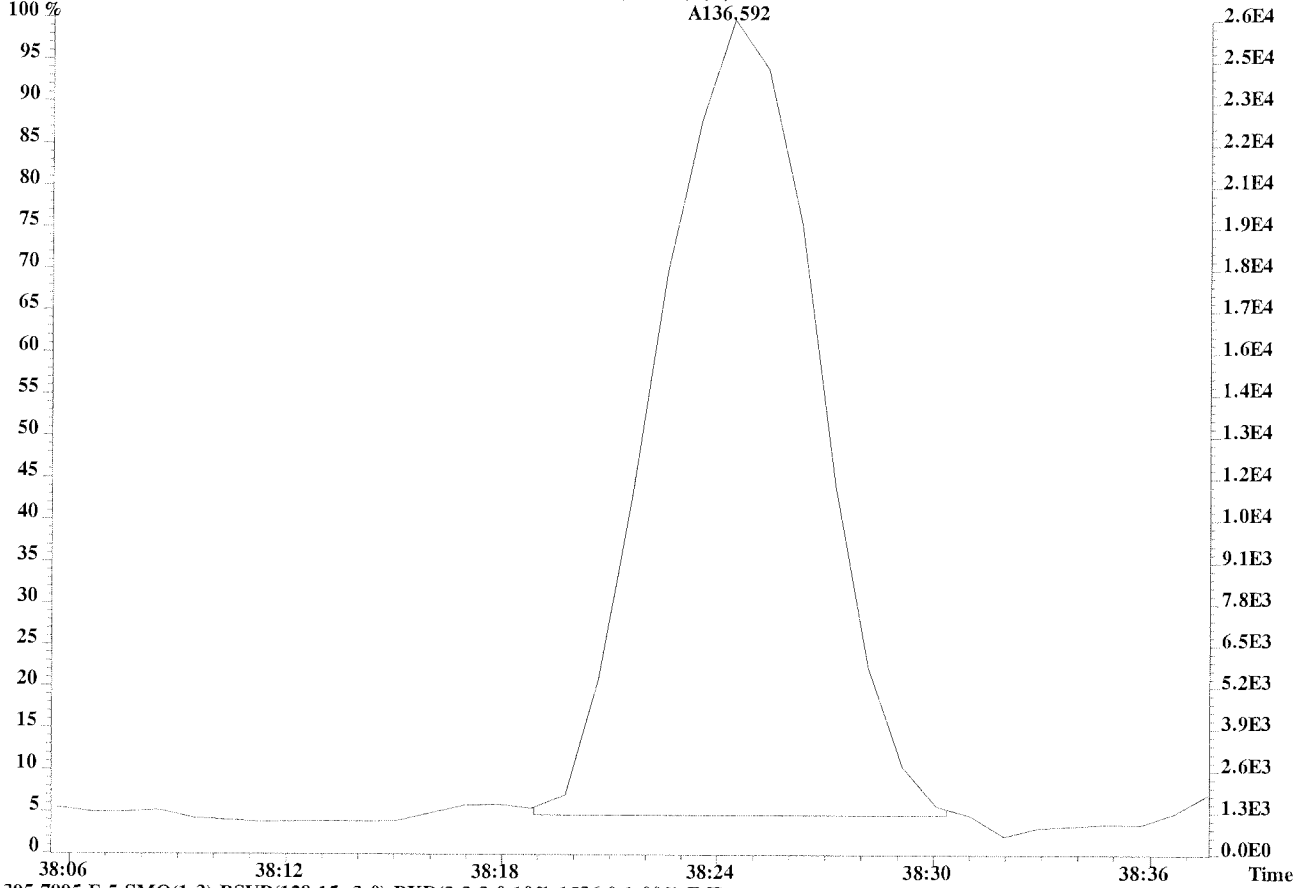




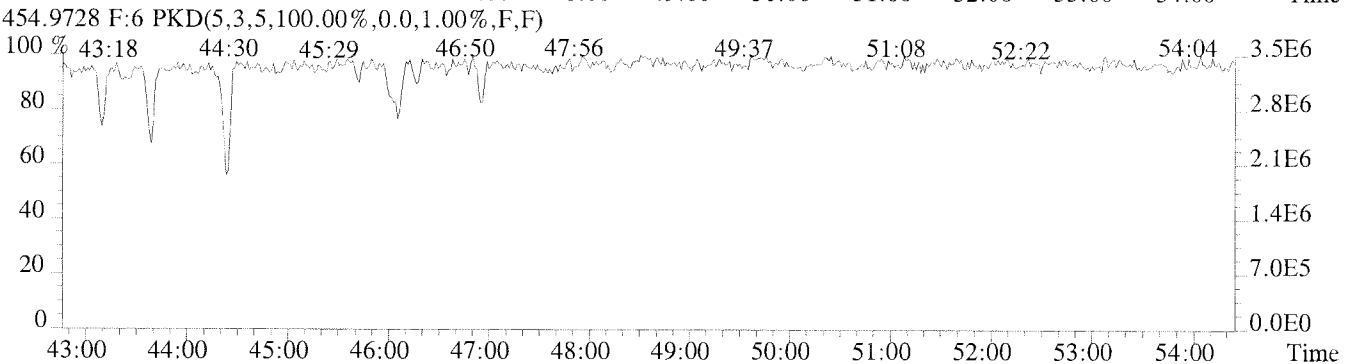
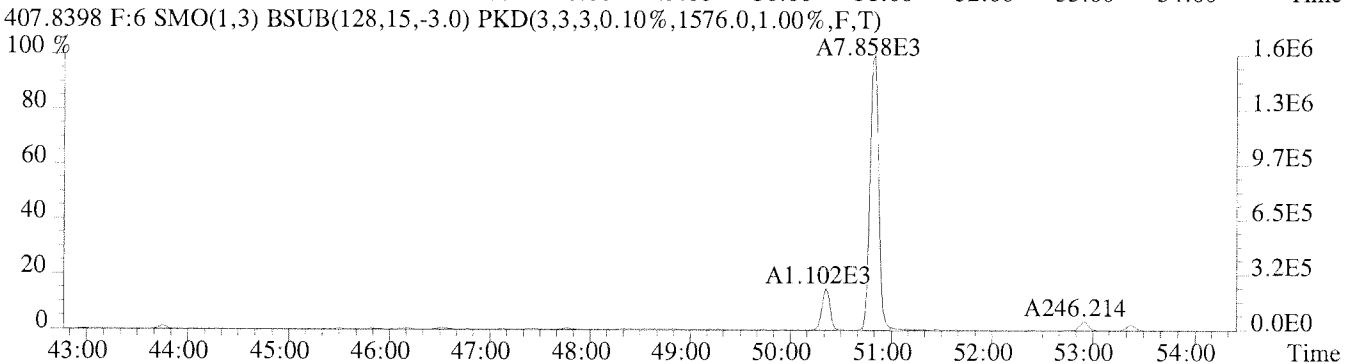
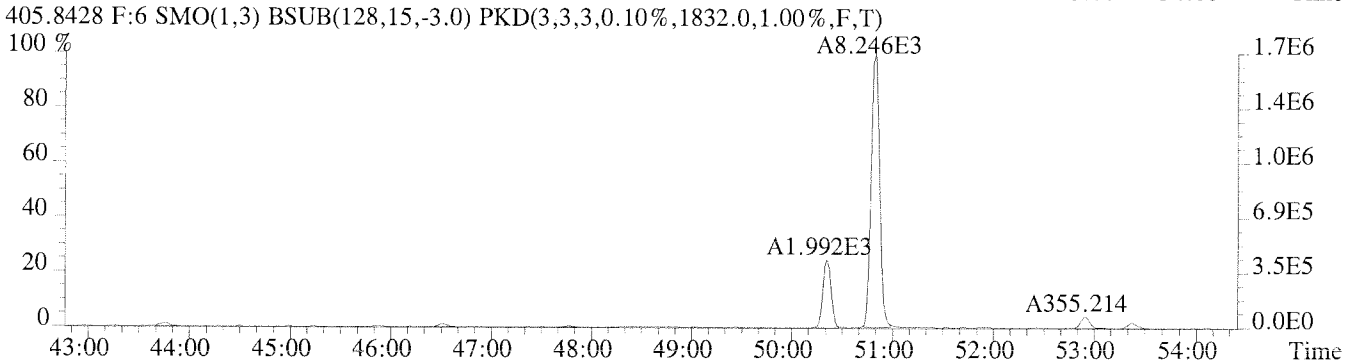
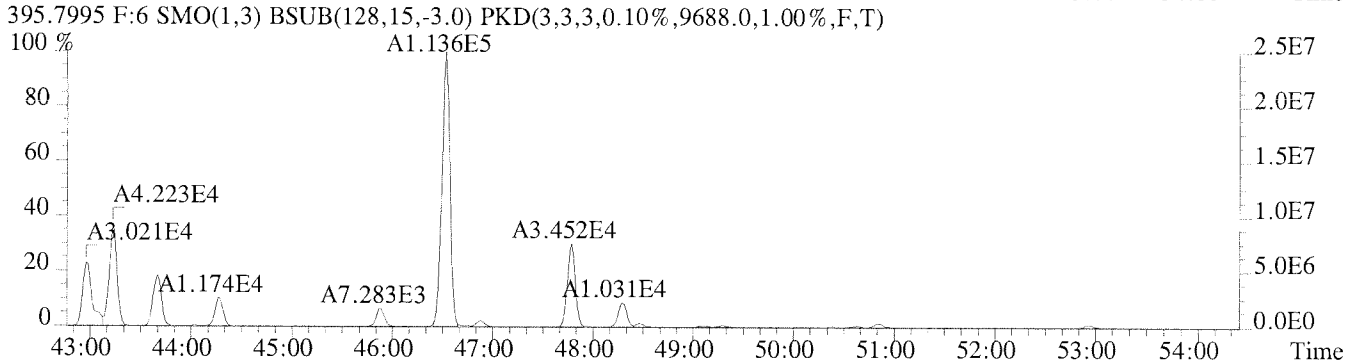
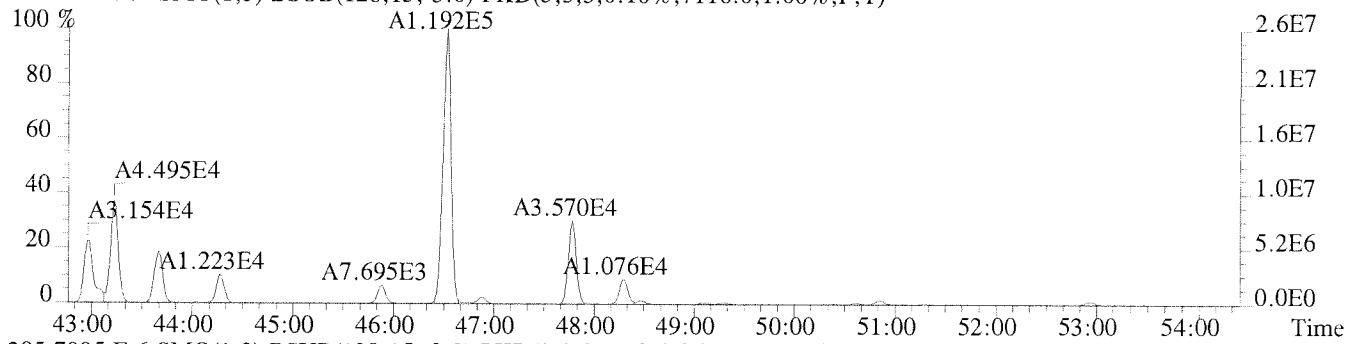
File:U224766 #1-391 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011



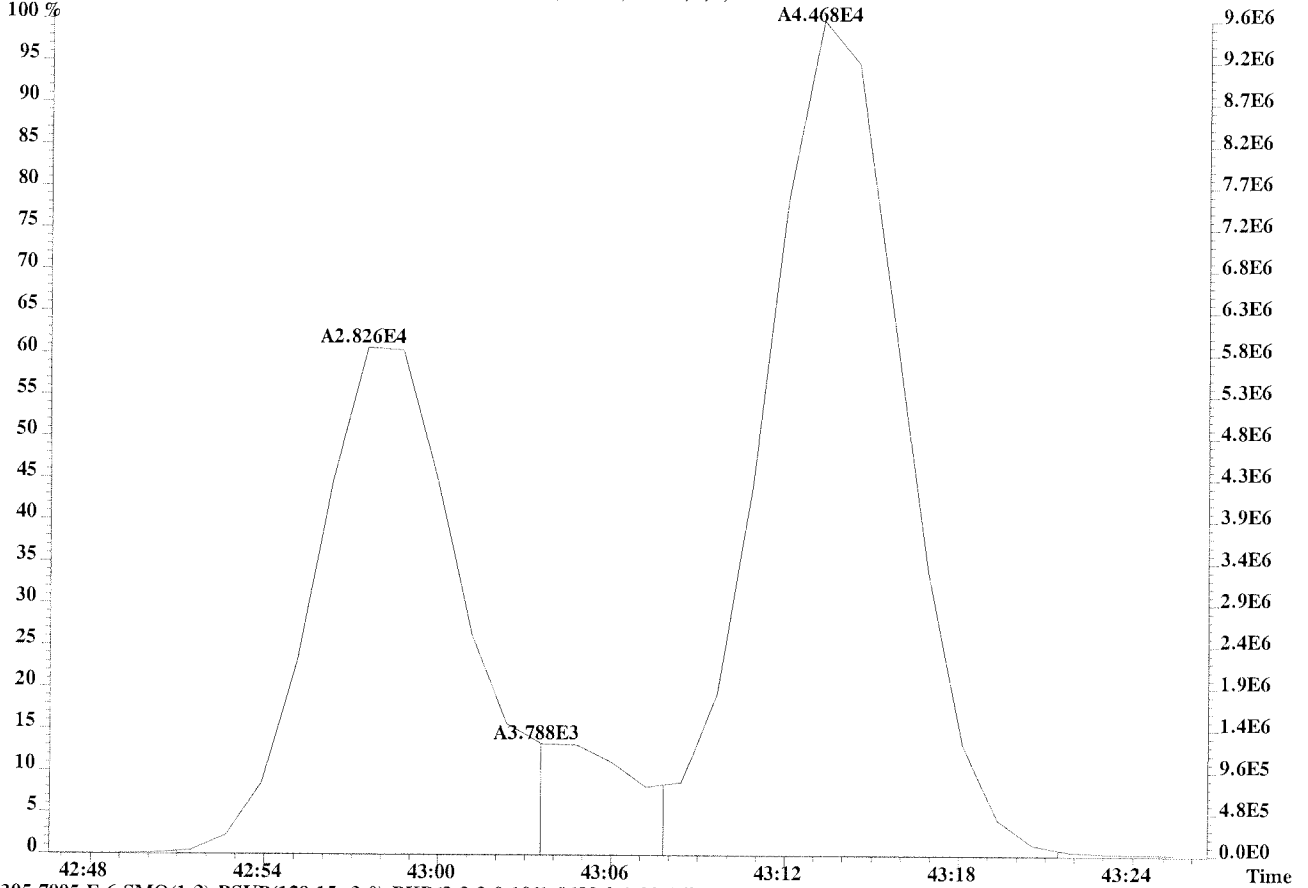
File:U224766 #1-391 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-014 USENRO011
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1704.0,1.00%,F,T)



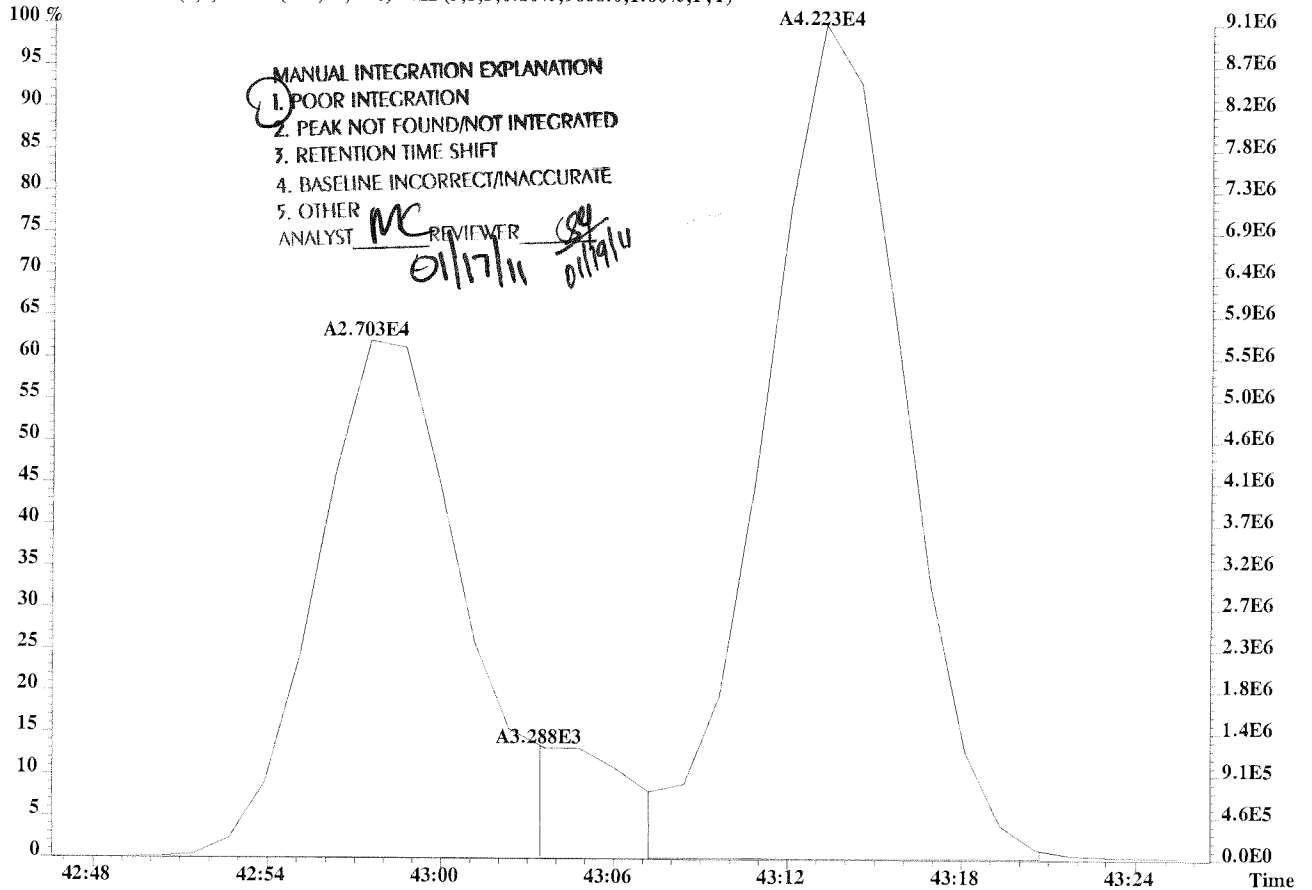
File:U224766 #1-577 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011



File:U224766 #1-577 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-014 USENRO011
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7116.0,1.00%,F,T)

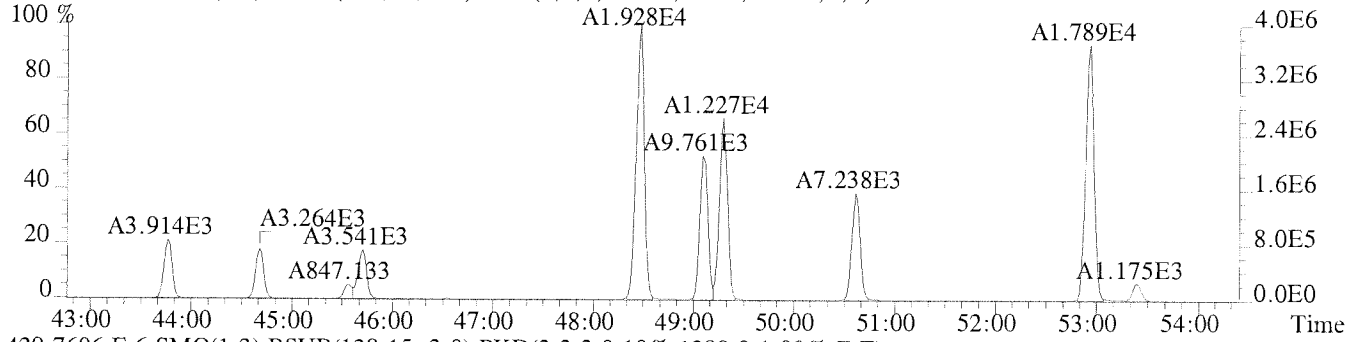


395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9688.0,1.00%,F,T)

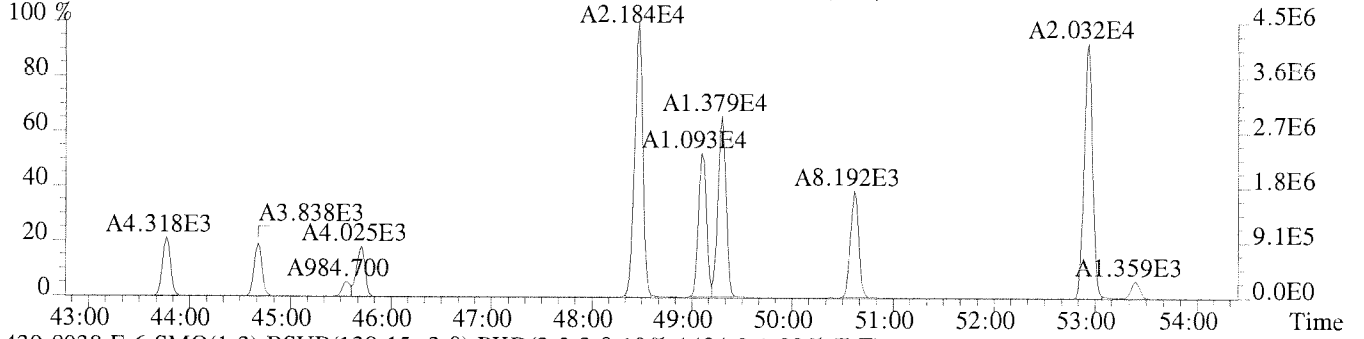


File:U224766 #1-577 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011

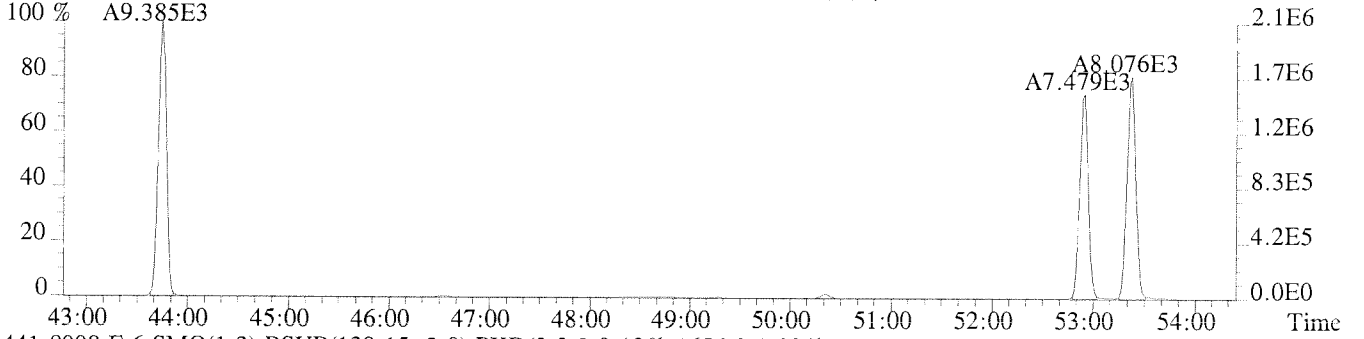
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,952.0,1.00%,F,T)



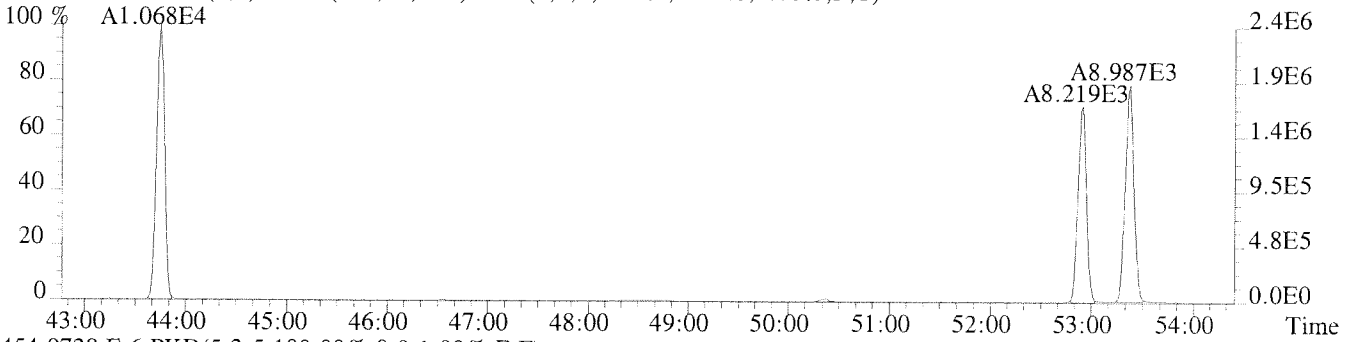
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1288.0,1.00%,F,T)



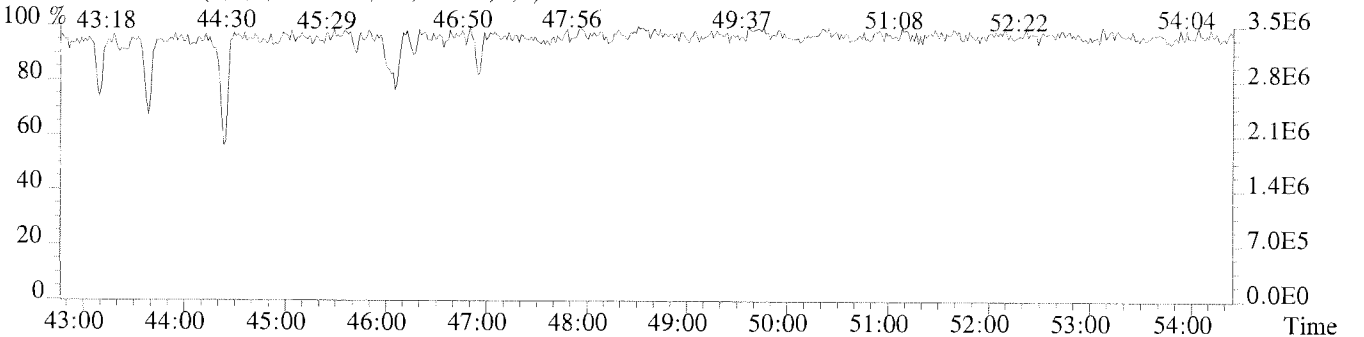
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1404.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1656.0,1.00%,F,T)



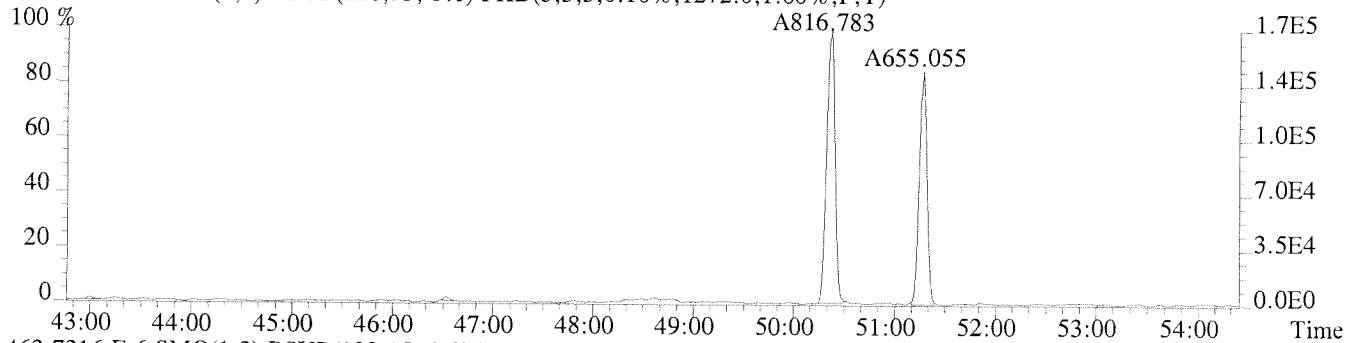
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



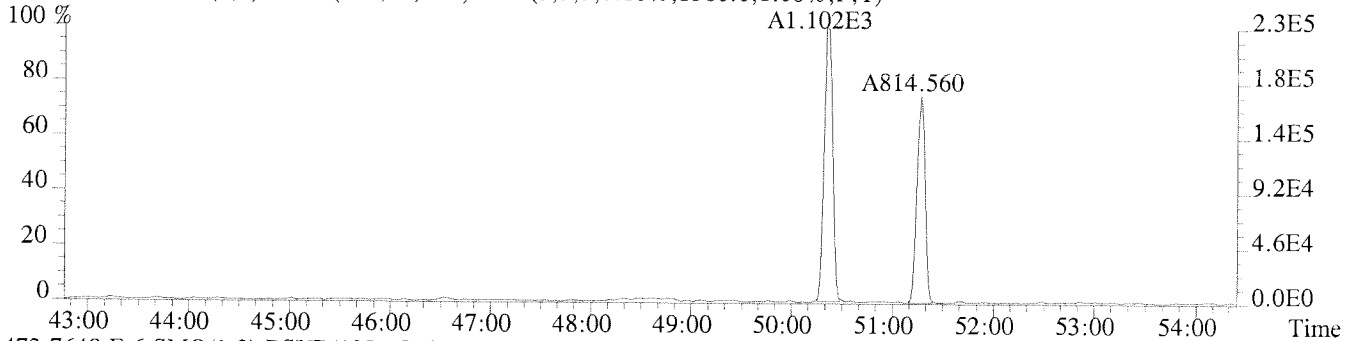
File:U224766 #1-577 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-014 USENRO011

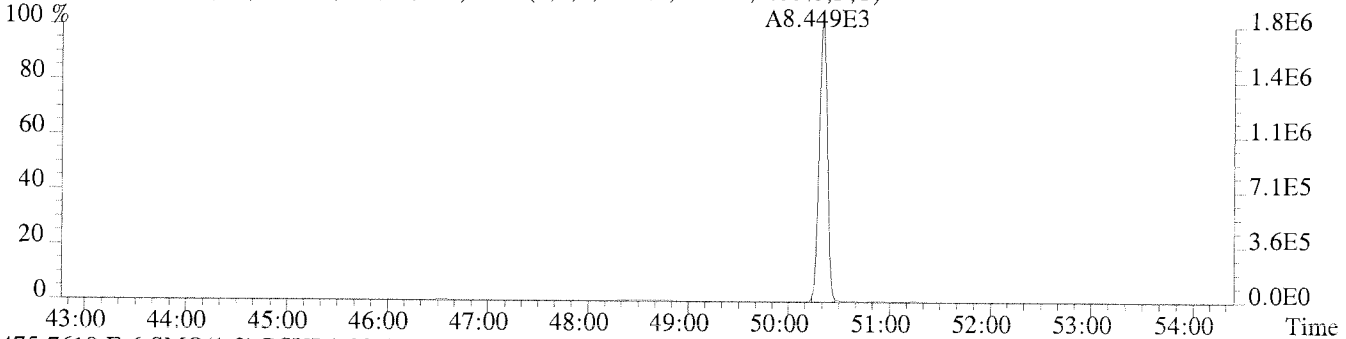
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1272.0,1.00%,F,T)



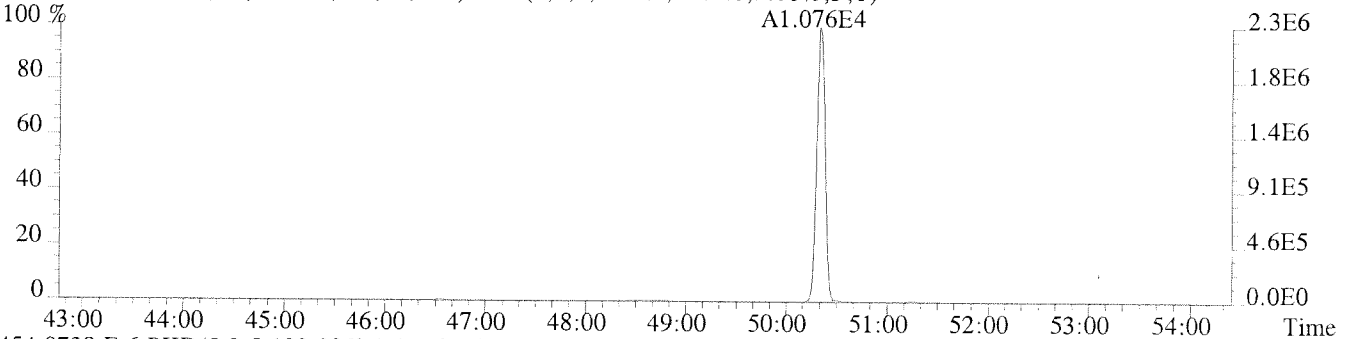
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1560.0,1.00%,F,T)



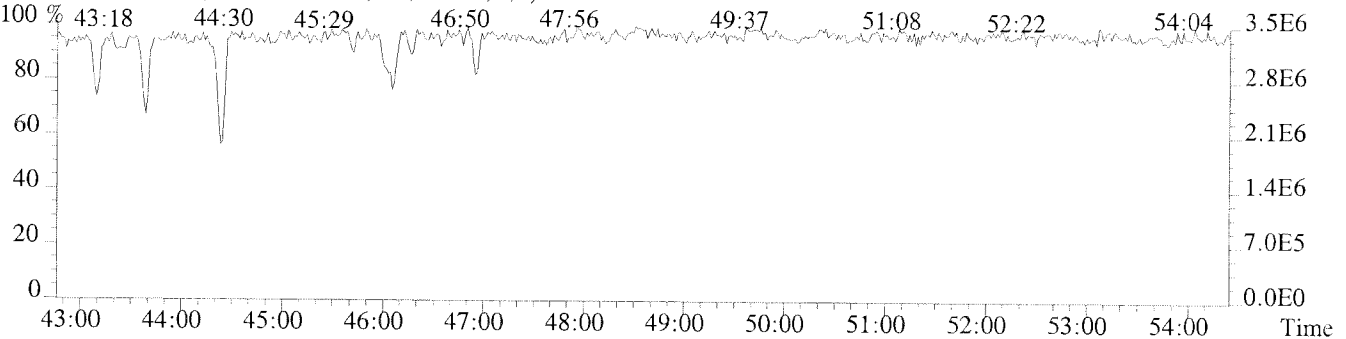
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1432.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1464.0,1.00%,F,T)



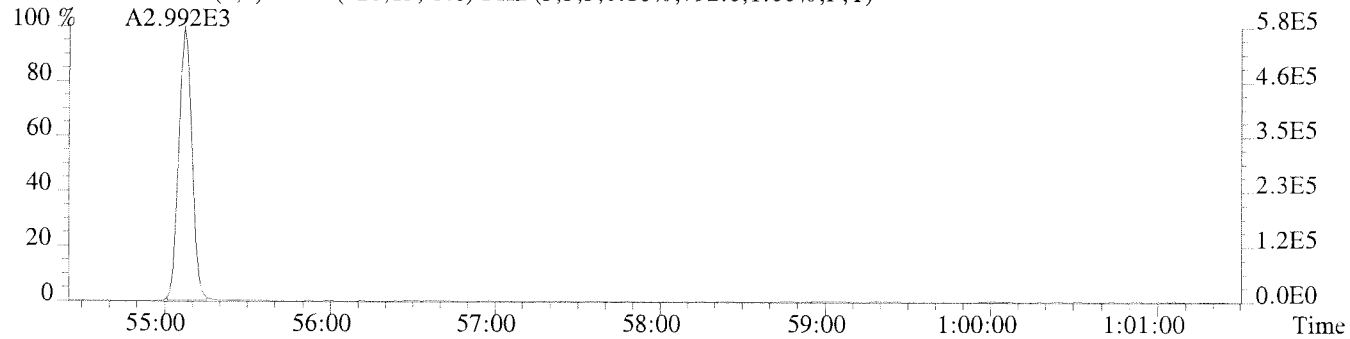
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



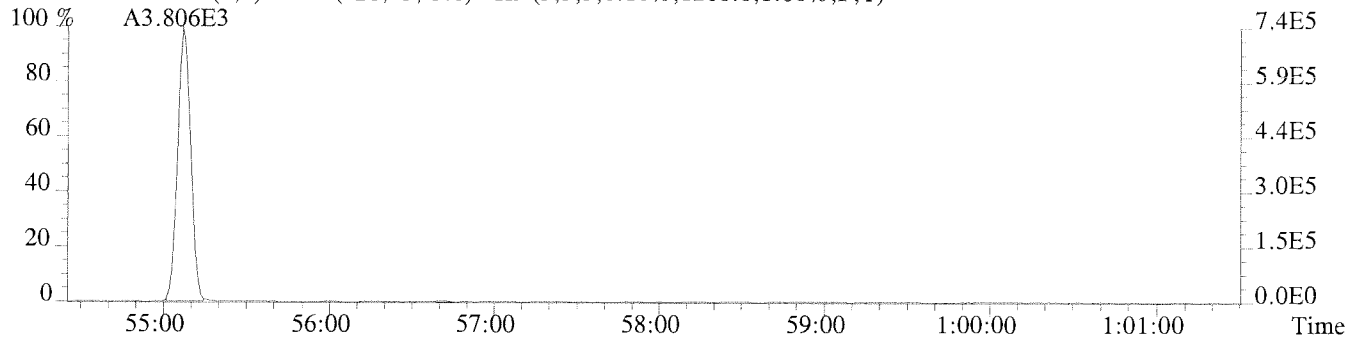
File:U224766 #1-400 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-014 USENRO011

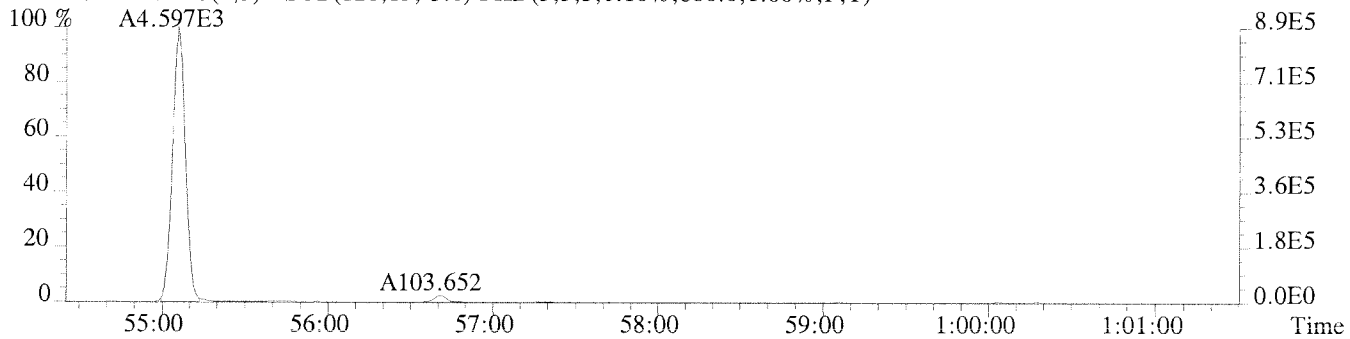
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,792.0,1.00%,F,T)



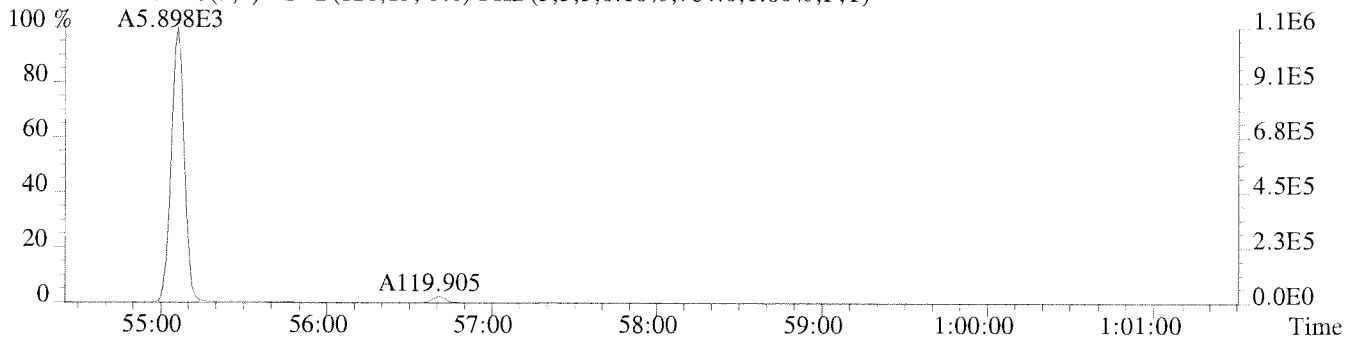
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1260.0,1.00%,F,T)



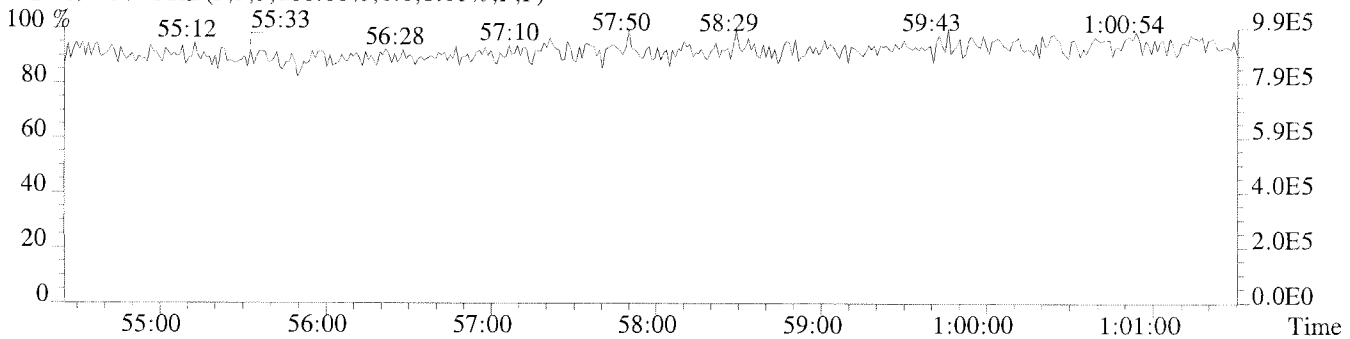
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,680.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,784.0,1.00%,F,T)

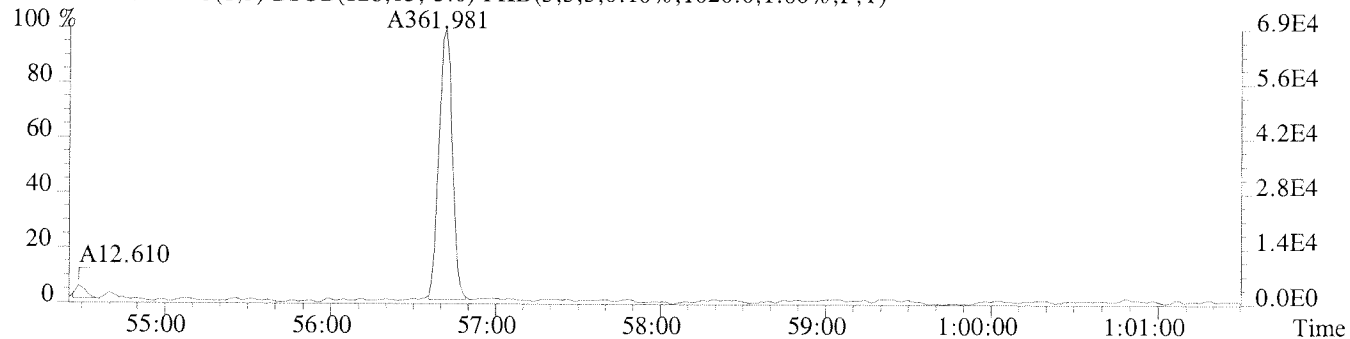


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

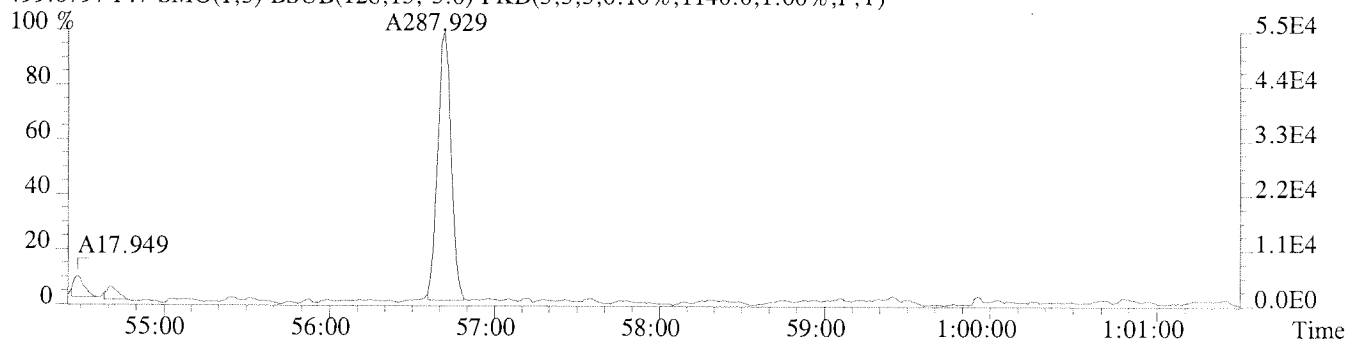


File:U224766 #1-400 Acq:15-JAN-2011 21:22:25 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-014 USENRO011

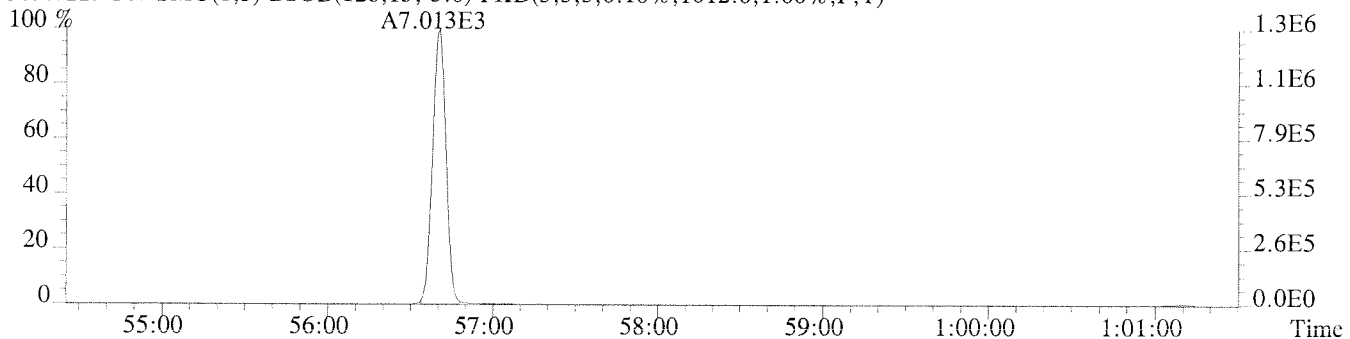
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1020.0,1.00%,F,T)



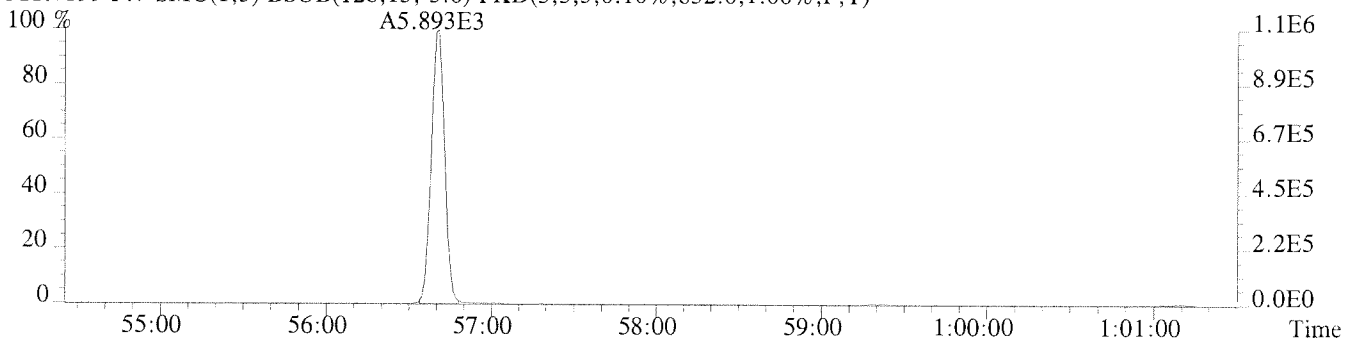
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1140.0,1.00%,F,T)



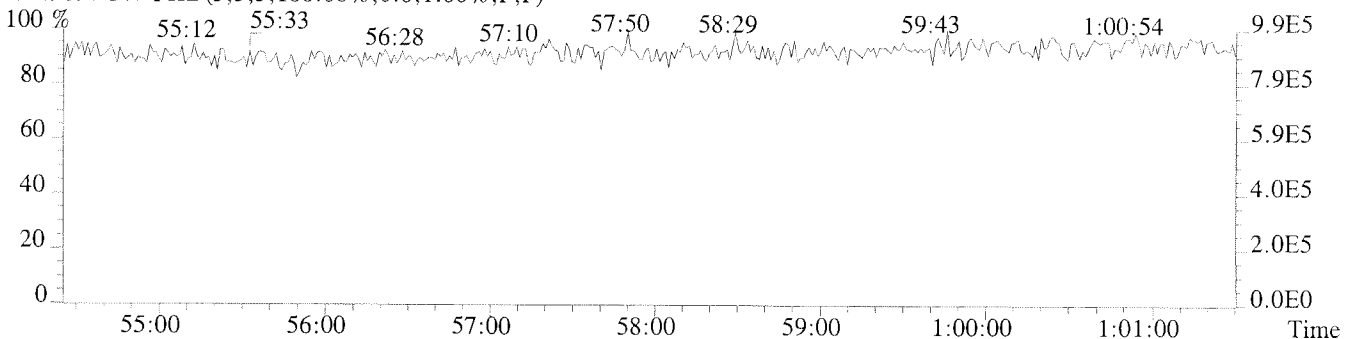
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1012.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,852.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-RO-02-1

Run #15 Filename U224767 Samp: 1 Inj: 1 Acquired: 15-JAN-11 22:30:36
Processed: 17-JAN-11 17:19:52 Sample ID: K1013433-015

In#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	12:59	2.501e+03	7.822e+02	3.20	y	n	1.062
2	1	PCB-2	15:02	8.551e+02	2.323e+02	3.68	n	n	1.045
3	1	PCB-3	15:13	1.855e+03	5.794e+02	3.20	y	n	1.057
4	1	PCB-4	NotFnd	*	*	*	n	y	0.952
5	1	PCB-10	NotFnd	*	*	*	n	y	1.347
6	2	PCB-9	NotFnd	*	*	*	n	y	0.979
7	2	PCB-7	NotFnd	*	*	*	n	y	0.997
8	2	PCB-6	18:01	1.745e+03	1.292e+03	1.35	y	y	0.999
9	2	PCB-5	NotFnd	*	*	*	n	y	0.877
10	2	PCB-8	18:25	4.868e+03	3.116e+03	1.56	y	y	1.083
11	2	PCB-14	NotFnd	*	*	*	n	y	1.010
12	2	PCB-11	20:45	1.914e+03	1.182e+03	1.62	y	y	0.968
13	2	PCB-12/13	21:03	1.159e+03	6.746e+02	1.72	y	y	0.985
14	2	PCB-15	21:22	3.477e+03	2.203e+03	1.58	y	y	0.973
15	2	PCB-19	18:42	2.062e+02	2.180e+02	0.95	y	y	1.021
16	2	PCB-18/30	20:28	3.645e+03	3.555e+03	1.03	y	y	0.916
17	2	PCB-17	20:52	1.197e+03	1.159e+03	1.03	y	y	0.767
18	2	PCB-27	21:06	2.704e+02	2.967e+02	0.91	y	y	1.121
19	2	PCB-24	NotFnd	*	*	*	n	y	1.011
20	2	PCB-16	21:20	1.046e+03	1.060e+03	0.99	y	y	0.648
21	2	PCB-32	21:49	1.526e+03	1.480e+03	1.03	y	y	1.189
22	3	PCB-34	NotFnd	*	*	*	n	n	1.295
23	3	PCB-23	NotFnd	*	*	*	n	n	1.210
24	3	PCB-26/29	23:31	1.842e+03	1.829e+03	1.01	y	n	1.361
25	3	PCB-25	23:45	7.026e+02	6.234e+02	1.13	y	n	1.530
26	3	PCB-31	24:04	1.003e+04	9.917e+03	1.01	y	n	1.416
27	3	PCB-20/28	24:21	1.065e+04	1.049e+04	1.02	y	n	1.290
28	3	PCB-21/33	24:37	5.147e+03	5.164e+03	1.00	y	n	1.445
29	3	PCB-22	25:00	4.140e+03	4.003e+03	1.03	y	n	1.225
30	3	PCB-36	NotFnd	*	*	*	n	n	1.435
31	3	PCB-39	NotFnd	*	*	*	n	y	1.413
32	3	PCB-38	NotFnd	*	*	*	n	n	1.286
33	3	PCB-35	27:56	3.950e+02	3.733e+02	1.06	y	n	1.278
34	3	PCB-37	28:21	4.986e+03	4.949e+03	1.01	y	n	1.082
35	2	PCB-54	NotFnd	*	*	*	n	n	0.963
36	3	PCB-50/53	23:49	7.602e+02	9.698e+02	0.78	y	n	0.736
37	3	PCB-45/51	24:28	9.534e+02	1.192e+03	0.80	y	n	0.730
38	3	PCB-46	24:47	3.088e+02	3.585e+02	0.86	y	n	0.644
39	3	PCB-52	26:10	8.057e+03	1.020e+04	0.79	y	n	0.781
40	3	PCB-43/73	26:24	2.491e+02	3.877e+02	0.64	n	n	0.778
41	3	PCB-49/69	26:39	4.160e+03	5.405e+03	0.77	y	n	0.885
42	3	PCB-48	26:55	1.323e+03	1.761e+03	0.75	y	n	0.722
43	3	PCB-44/47/65	27:10	7.085e+03	9.077e+03	0.78	y	n	0.814
44	3	PCB-59/62/75	27:29	6.352e+02	8.329e+02	0.76	y	n	0.978
45	3	PCB-42	27:41	1.614e+03	2.058e+03	0.78	y	n	0.715
46	3	PCB-40/41/71	28:11	3.661e+03	4.827e+03	0.76	y	y	0.735
47	3	PCB-64	28:24	3.755e+03	4.893e+03	0.77	y	y	1.052
48	3	PCB-72	29:12	7.839e+01	1.220e+02	0.64	n	y	1.048
49	3	PCB-68	NotFnd	*	*	*	n	n	1.000
50	3	PCB-57	NotFnd	*	*	*	n	y	1.006

51	3	PCB-58	NotFnd	*	*	*	n	y	0.970
52	3	PCB-67	30:19	2.071e+02	2.656e+02	0.78	y	y	1.135
53	3	PCB-63	30:34	3.393e+02	4.503e+02	0.75	y	y	1.090
54	3	PCB-61/70/74/76	30:56	1.820e+04	2.337e+04	0.78	y	y	1.020
55	3	PCB-66	31:15	1.058e+04	1.354e+04	0.78	y	y	1.066
56	3	PCB-55	31:24	2.715e+02	3.643e+02	0.75	y	y	0.907
57	4	PCB-56	31:56	6.434e+03	8.265e+03	0.78	y	y	1.004
58	4	PCB-60	32:09	4.060e+03	5.188e+03	0.78	y	y	0.963
59	4	PCB-80	NotFnd	*	*	*	n	y	1.154
60	4	PCB-79	34:04	3.516e+02	7.366e+02	0.48	n	y	1.115
61	4	PCB-78	NotFnd	*	*	*	n	y	0.980
62	4	PCB-81	35:03	6.277e+01	1.201e+02	0.52	n	y	1.084
63	4	PCB-77	35:44	2.359e+03	2.998e+03	0.79	y	y	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:31	1.593e+02	1.043e+02	1.53	y	n	1.221
66	3	PCB-103	29:23	9.342e+01	6.789e+01	1.38	y	n	0.993
67	3	PCB-94	29:37	5.545e+01	3.139e+01	1.77	y	n	0.795
68	3	PCB-95	30:04	1.947e+04	1.278e+04	1.52	y	y	0.913
69	3	PCB-93/100	30:16	1.284e+02	1.155e+02	1.11	n	y	0.863
70	3	PCB-98/102	30:25	5.671e+02	3.763e+02	1.51	y	y	0.897
71	3	PCB-88/91	30:55	2.011e+03	1.303e+03	1.54	y	y	0.874
72	3	PCB-84	31:10	3.845e+03	2.438e+03	1.58	y	y	0.800
73	3	PCB-89	31:38	2.156e+02	1.278e+02	1.69	y	y	0.834
74	4	PCB-121	NotFnd	*	*	*	n	n	1.009
75	4	PCB-92	32:24	3.780e+03	2.505e+03	1.51	y	n	0.716
76	4	PCB-90/101/113	32:59	3.401e+04	2.190e+04	1.55	y	n	0.814
77	4	PCB-83/99	33:34	9.372e+03	6.052e+03	1.55	y	n	0.690
78	4	PCB-112	NotFnd	*	*	*	n	n	1.015
79	4	PCB-86/87/97/109/119/125	34:10	1.644e+04	1.067e+04	1.54	y	y	0.809
80	4	PCB-117	34:42	3.458e+02	2.186e+02	1.58	y	y	0.820
81	4	PCB-85/116	34:48	3.934e+03	2.556e+03	1.54	y	y	0.883
82	4	PCB-110/115	34:57	3.556e+04	2.253e+04	1.58	y	y	0.948
83	4	PCB-82	35:17	1.795e+03	1.202e+03	1.49	y	n	0.615
84	4	PCB-111	NotFnd	*	*	*	n	n	0.892
85	4	PCB-120	36:07	1.300e+02	8.381e+01	1.55	y	y	0.962
86	5	PCB-108/124	37:15	1.374e+03	8.587e+02	1.60	y	y	0.885
87	5	PCB-107	37:29	2.427e+03	1.555e+03	1.56	y	y	0.943
88	5	PCB-123	37:36	6.608e+02	5.881e+02	1.12	n	y	1.076
89	5	PCB-106	NotFnd	*	*	*	n	y	0.898
90	5	PCB-118	37:55	2.709e+04	1.729e+04	1.57	y	y	1.103
91	5	PCB-122	38:16	5.539e+02	2.483e+02	2.23	n	y	0.818
92	5	PCB-114	38:27	9.061e+02	5.135e+02	1.76	y	y	1.079
93	5	PCB-105	39:07	1.904e+04	1.213e+04	1.57	y	y	1.059
94	5	PCB-127	NotFnd	*	*	*	n	y	0.875
95	5	PCB-126	42:11	6.602e+02	4.087e+02	1.62	y	y	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	NotFnd	*	*	*	n	n	1.591
98	4	PCB-150	33:06	1.277e+02	9.994e+01	1.28	y	n	1.456
99	4	PCB-136	33:33	1.401e+04	1.181e+04	1.19	y	n	1.518
100	4	PCB-145	NotFnd	*	*	*	n	n	1.390
101	4	PCB-148	NotFnd	*	*	*	n	n	1.098
102	4	PCB-135/151	35:54	3.532e+04	2.924e+04	1.21	y	n	1.041
103	4	PCB-154	36:07	4.930e+02	4.220e+02	1.17	y	n	1.242
104	4	PCB-144	36:26	5.639e+03	4.650e+03	1.21	y	n	1.088
105	5	PCB-147/149	36:48	8.224e+04	6.605e+04	1.25	y	n	0.883
106	5	PCB-134	37:00	2.852e+03	2.318e+03	1.23	y	n	0.689
107	5	PCB-143	NotFnd	*	*	*	n	n	0.869

108	5	PCB-139/140	37:22	3.717e+02	2.872e+02	1.29	y	n	0.861
109	5	PCB-131	37:35	4.777e+02	4.009e+02	1.19	y	n	0.763
110	5	PCB-142	NotFnd	*	*	*	n	n	0.761
111	5	PCB-132	38:03	2.069e+04	1.672e+04	1.24	y	n	0.710
112	5	PCB-133	38:31	8.211e+02	6.977e+02	1.18	y	n	0.749
113	5	PCB-165	NotFnd	*	*	*	n	n	0.935
114	5	PCB-146	39:09	1.411e+04	1.139e+04	1.24	y	n	0.905
115	5	PCB-161	NotFnd	*	*	*	n	n	1.097
116	5	PCB-153/168	39:46	1.209e+05	9.718e+04	1.24	y	n	0.974
117	5	PCB-141	39:58	2.374e+04	1.928e+04	1.23	y	n	0.837
118	5	PCB-130	40:24	3.072e+03	2.481e+03	1.24	y	n	0.701
119	5	PCB-137	40:36	1.004e+03	8.703e+02	1.15	y	n	0.774
120	5	PCB-164	40:43	8.342e+03	6.703e+03	1.24	y	n	1.042
121	5	PCB-129/138/163	41:01	1.140e+05	9.140e+04	1.25	y	n	0.837
122	5	PCB-160	NotFnd	*	*	*	n	n	1.023
123	5	PCB-158	41:25	1.190e+04	9.698e+03	1.23	y	n	1.164
124	5	PCB-128/166	42:18	1.041e+04	8.447e+03	1.23	y	n	0.899
125	6	PCB-159	43:13	2.944e+03	2.295e+03	1.28	y	n	0.805
126	6	PCB-162	43:31	2.673e+02	2.120e+02	1.26	y	n	0.756
127	6	PCB-167	44:01	3.241e+03	2.608e+03	1.24	y	n	1.030
128	6	PCB-156/157	45:08	7.076e+03	5.712e+03	1.24	y	n	1.064
129	6	PCB-169	NotFnd	*	*	*	n	y	1.036
130	5	PCB-188	38:24	5.580e+01	5.910e+01	0.94	y	y	0.950
131	5	PCB-179	38:47	2.217e+04	2.181e+04	1.02	y	n	1.134
132	5	PCB-184	NotFnd	*	*	*	n	n	1.120
133	5	PCB-176	39:39	6.890e+03	6.798e+03	1.01	y	n	1.100
134	5	PCB-186	NotFnd	*	*	*	n	n	1.035
135	5	PCB-178	41:27	7.772e+03	7.543e+03	1.03	y	n	0.795
136	5	PCB-175	42:05	1.704e+03	1.697e+03	1.00	y	n	0.835
137	5	PCB-187	42:21	5.686e+04	5.624e+04	1.01	y	n	0.868
138	5	PCB-182	NotFnd	*	*	*	n	n	0.862
139	6	PCB-183	42:58	1.908e+04	1.801e+04	1.06	y	y	0.646
140	6	PCB-185	43:04	2.810e+03	2.853e+03	0.98	y	y	0.493
141	6	PCB-174	43:13	3.330e+04	3.163e+04	1.05	y	n	0.545
142	6	PCB-177	43:40	1.982e+04	1.888e+04	1.05	y	n	0.533
143	6	PCB-181	NotFnd	*	*	*	n	n	0.519
144	6	PCB-171/173	44:16	8.982e+03	8.557e+03	1.05	y	n	0.516
145	6	PCB-172	45:52	5.068e+03	4.795e+03	1.06	y	n	0.524
146	6	PCB-192	NotFnd	*	*	*	n	n	0.624
147	6	PCB-180/193	46:32	8.372e+04	8.086e+04	1.04	y	n	0.642
148	6	PCB-191	46:53	1.982e+03	1.922e+03	1.03	y	n	0.686
149	6	PCB-170	47:47	2.471e+04	2.419e+04	1.02	y	n	0.478
150	6	PCB-190	48:17	7.662e+03	7.213e+03	1.06	y	n	0.672
151	6	PCB-189	50:51	1.243e+03	1.177e+03	1.06	y	n	0.912
152	6	PCB-202	43:46	2.696e+03	3.046e+03	0.89	y	n	0.869
153	6	PCB-201	44:41	2.342e+03	2.614e+03	0.90	y	n	0.943
154	6	PCB-204	NotFnd	*	*	*	n	n	0.942
155	6	PCB-197	45:34	5.814e+02	6.823e+02	0.85	y	n	0.918
156	6	PCB-200	45:42	2.529e+03	2.844e+03	0.89	y	n	0.930
157	6	PCB-198/199	48:28	1.314e+04	1.511e+04	0.87	y	n	0.627
158	6	PCB-196	49:07	6.726e+03	7.654e+03	0.88	y	n	0.638
159	6	PCB-203	49:18	8.765e+03	9.810e+03	0.89	y	n	0.683
160	6	PCB-195	50:38	5.338e+03	5.905e+03	0.90	y	n	0.610
161	6	PCB-194	52:56	1.411e+04	1.591e+04	0.89	y	n	0.629
162	6	PCB-205	53:24	9.493e+02	1.096e+03	0.87	y	n	0.933
163	6	PCB-208	50:22	6.202e+02	7.815e+02	0.79	y	n	0.915
164	6	PCB-207	51:17	5.158e+02	6.287e+02	0.82	y	n	1.154

165	7	PCB-206	55:08	2.502e+03	3.202e+03	0.78	y	n	0.937
166	7	PCB-209	56:43	2.445e+02	2.265e+02	1.08	y	n	0.925
167	1	PCB-11L	12:59	1.477e+04	4.716e+03	3.13	y	n	1.162
168	1	PCB-3L	15:12	1.495e+04	4.770e+03	3.13	y	n	1.187
169	1	PCB-4L	15:28	9.527e+03	6.366e+03	1.50	y	n	0.907
170	2	PCB-15L	21:21	1.079e+04	6.570e+03	1.64	y	n	1.030
171	2	PCB-19L	18:41	4.619e+03	4.395e+03	1.05	y	n	0.615
172	3	PCB-37L	28:20	1.042e+04	9.472e+03	1.10	y	n	1.320
173	2	PCB-54L	21:40	7.794e+03	9.968e+03	0.78	y	n	1.261
174	4	PCB-81L	35:03	8.075e+03	9.753e+03	0.83	y	n	1.088
175	4	PCB-77L	35:43	9.139e+03	1.128e+04	0.81	y	n	1.091
176	3	PCB-104L	27:05	1.218e+04	7.817e+03	1.56	y	n	1.480
177	5	PCB-123L	37:35	1.145e+04	7.129e+03	1.61	y	n	1.214
178	5	PCB-118L	37:53	1.155e+04	7.078e+03	1.63	y	n	1.246
179	5	PCB-114L	38:25	1.150e+04	7.106e+03	1.62	y	n	1.236
180	5	PCB-105L	39:05	1.210e+04	7.421e+03	1.63	y	n	1.197
181	5	PCB-126L	42:09	1.180e+04	7.361e+03	1.60	y	n	1.105
182	4	PCB-155L	32:42	1.237e+04	1.009e+04	1.23	y	n	1.599
183	6	PCB-167L	43:59	7.831e+03	6.141e+03	1.28	y	n	1.051
184	6	PCB-156/157L	45:08	1.480e+04	1.153e+04	1.28	y	n	0.962
185	6	PCB-169L	48:21	6.771e+03	5.172e+03	1.31	y	n	0.886
186	5	PCB-188L	38:24	1.031e+04	9.942e+03	1.04	y	n	2.483
187	6	PCB-189L	50:50	5.719e+03	5.424e+03	1.05	y	n	1.503
188	6	PCB-202L	43:45	6.826e+03	7.505e+03	0.91	y	n	1.757
189	6	PCB-205L	53:23	5.790e+03	6.504e+03	0.89	y	n	1.317
190	6	PCB-208L	50:21	5.477e+03	7.062e+03	0.78	y	n	1.446
191	7	PCB-206L	55:06	3.393e+03	4.422e+03	0.77	y	n	1.176
192	7	PCB-209L	56:41	5.329e+03	4.337e+03	1.23	y	n	1.606
193	3	PCB-28L	24:20	1.143e+04	1.024e+04	1.12	y	n	1.538
194	4	PCB-111L	35:40	1.172e+04	7.493e+03	1.56	y	n	1.238
195	5	PCB-178L	41:26	7.233e+03	7.105e+03	1.02	y	n	0.895
196	2	PCB-9L	17:45	1.763e+04	1.119e+04	1.58	y	n	-
197	3	PCB-52L	26:09	1.025e+04	1.293e+04	0.79	y	n	-
198	4	PCB-101L	32:57	1.477e+04	9.453e+03	1.56	y	n	-
199	5	PCB-138L	40:59	1.817e+04	1.432e+04	1.27	y	n	-
200	6	PCB-194L	52:55	7.118e+03	8.007e+03	0.89	y	n	-

-- Sample Calculation--

$$\text{PCB-209} = \frac{(2.445e+02 + 2.265e+02) \times 10000 \text{ pg} \times 1}{(5.329e+03 + 4.337e+03) \times (5.366 \text{ g}) \times \left(\frac{100}{100}\right) \times 0.9245} = 98.2 \text{ ng/kg}$$

89
01/19/11

98.2
ng/kg

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sp166respa
02/2009

Run #15 Filename U224767#1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 22:30:36

Processed: 17-JAN-11 17:19:52 LAB. ID: K1013433-015

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	4.30e+05	2.57e+03	1.7e+02	1.33e+05	1.88e+03	7.1e+01
2	PCB-2	1.33e+05	2.57e+03	5.2e+01	3.81e+04	1.88e+03	2.0e+01
3	PCB-3	2.06e+05	2.57e+03	8.0e+01	6.22e+04	1.88e+03	3.3e+01
4	PCB-4	*	1.17e+04	*	*	4.33e+04	*
5	PCB-10	*	1.17e+04	*	*	4.33e+04	*
6	PCB-9	*	1.13e+04	*	*	3.84e+04	*
7	PCB-7	*	1.13e+04	*	*	3.84e+04	*
8	PCB-6	4.79e+05	1.13e+04	4.2e+01	3.46e+05	3.84e+04	9.0e+00
9	PCB-5	*	1.13e+04	*	*	3.84e+04	*
10	PCB-8	1.22e+06	1.13e+04	1.1e+02	8.02e+05	3.84e+04	2.1e+01
11	PCB-14	*	1.13e+04	*	*	3.84e+04	*
12	PCB-11	4.39e+05	1.13e+04	3.9e+01	3.01e+05	3.84e+04	7.8e+00
13	PCB-12/13	2.41e+05	1.13e+04	2.1e+01	1.51e+05	3.84e+04	3.9e+00
14	PCB-15	7.35e+05	1.13e+04	6.5e+01	4.73e+05	3.84e+04	1.2e+01
15	PCB-19	5.23e+04	1.05e+04	5.0e+00	5.32e+04	2.96e+03	1.8e+01
16	PCB-18/30	8.79e+05	1.05e+04	8.4e+01	8.48e+05	2.96e+03	2.9e+02
17	PCB-17	2.86e+05	1.05e+04	2.7e+01	2.72e+05	2.96e+03	9.2e+01
18	PCB-27	6.53e+04	1.05e+04	6.2e+00	6.65e+04	2.96e+03	2.2e+01
19	PCB-24	*	1.05e+04	*	*	2.96e+03	*
20	PCB-16	2.57e+05	1.05e+04	2.4e+01	2.49e+05	2.96e+03	8.4e+01
21	PCB-32	3.54e+05	1.05e+04	3.4e+01	3.33e+05	2.96e+03	1.1e+02
22	PCB-34	*	7.85e+03	*	*	4.12e+03	*
23	PCB-23	*	7.85e+03	*	*	4.12e+03	*
24	PCB-26/29	3.53e+05	7.85e+03	4.5e+01	3.52e+05	4.12e+03	8.6e+01
25	PCB-25	1.17e+05	7.85e+03	1.5e+01	1.08e+05	4.12e+03	2.6e+01
26	PCB-31	1.91e+06	7.85e+03	2.4e+02	1.91e+06	4.12e+03	4.6e+02
27	PCB-20/28	1.92e+06	7.85e+03	2.4e+02	1.88e+06	4.12e+03	4.6e+02
28	PCB-21/33	9.28e+05	7.85e+03	1.2e+02	9.13e+05	4.12e+03	2.2e+02
29	PCB-22	7.72e+05	7.85e+03	9.8e+01	7.48e+05	4.12e+03	1.8e+02
30	PCB-36	*	7.85e+03	*	*	4.12e+03	*
31	PCB-39	*	7.85e+03	*	*	4.12e+03	*
32	PCB-38	*	7.85e+03	*	*	4.12e+03	*
33	PCB-35	7.60e+04	7.85e+03	9.7e+00	7.28e+04	4.12e+03	1.8e+01
34	PCB-37	8.73e+05	7.85e+03	1.1e+02	8.39e+05	4.12e+03	2.0e+02
35	PCB-54	*	1.29e+03	*	*	1.30e+03	*
36	PCB-50/53	1.47e+05	1.26e+03	1.2e+02	1.89e+05	1.50e+03	1.3e+02
37	PCB-45/51	1.51e+05	1.26e+03	1.2e+02	1.84e+05	1.50e+03	1.2e+02
38	PCB-46	5.63e+04	1.26e+03	4.5e+01	7.08e+04	1.50e+03	4.7e+01
39	PCB-52	1.57e+06	1.26e+03	1.2e+03	1.99e+06	1.50e+03	1.3e+03
40	PCB-43/73	4.28e+04	1.26e+03	3.4e+01	6.26e+04	1.50e+03	4.2e+01
41	PCB-49/69	7.83e+05	1.26e+03	6.2e+02	1.02e+06	1.50e+03	6.8e+02
42	PCB-48	2.47e+05	1.26e+03	2.0e+02	3.23e+05	1.50e+03	2.2e+02
43	PCB-44/47/65	1.22e+06	1.26e+03	9.7e+02	1.59e+06	1.50e+03	1.1e+03
44	PCB-59/62/75	1.15e+05	1.26e+03	9.1e+01	1.49e+05	1.50e+03	9.9e+01
45	PCB-42	3.05e+05	1.26e+03	2.4e+02	3.78e+05	1.50e+03	2.5e+02
46	PCB-40/41/71	5.88e+05	1.26e+03	4.7e+02	7.85e+05	1.50e+03	5.2e+02
47	PCB-64	6.93e+05	1.26e+03	5.5e+02	9.28e+05	1.50e+03	6.2e+02

48	PCB-72	1.49e+04	1.26e+03	1.2e+01	1.82e+04	1.50e+03	1.2e+01
49	PCB-68	*	1.26e+03	*	*	1.50e+03	*
50	PCB-57	*	1.26e+03	*	*	1.50e+03	*
51	PCB-58	*	1.26e+03	*	*	1.50e+03	*
52	PCB-67	3.90e+04	1.26e+03	3.1e+01	4.64e+04	1.50e+03	3.1e+01
53	PCB-63	6.43e+04	1.26e+03	5.1e+01	8.24e+04	1.50e+03	5.5e+01
54	PCB-61/70/74/76	2.45e+06	1.26e+03	1.9e+03	3.13e+06	1.50e+03	2.1e+03
55	PCB-66	1.77e+06	1.26e+03	1.4e+03	2.26e+06	1.50e+03	1.5e+03
56	PCB-55	5.75e+04	1.26e+03	4.5e+01	8.48e+04	1.50e+03	5.7e+01
57	PCB-56	1.12e+06	3.75e+03	3.0e+02	1.42e+06	4.56e+03	3.1e+02
58	PCB-60	6.71e+05	3.75e+03	1.8e+02	8.21e+05	4.56e+03	1.8e+02
59	PCB-80	*	3.75e+03	*	*	4.56e+03	*
60	PCB-79	6.76e+04	3.75e+03	1.8e+01	9.60e+04	4.56e+03	2.1e+01
61	PCB-78	*	3.75e+03	*	*	4.56e+03	*
62	PCB-81	1.54e+04	3.75e+03	4.1e+00	2.84e+04	4.56e+03	6.2e+00
63	PCB-77	3.74e+05	3.75e+03	1.0e+02	4.82e+05	4.56e+03	1.1e+02
64	PCB-104	*	1.18e+03	*	*	1.36e+03	*
65	PCB-96	3.15e+04	1.18e+03	2.7e+01	2.04e+04	1.36e+03	1.5e+01
66	PCB-103	1.81e+04	1.18e+03	1.5e+01	1.22e+04	1.36e+03	9.0e+00
67	PCB-94	1.05e+04	1.18e+03	8.9e+00	7.47e+03	1.36e+03	5.5e+00
68	PCB-95	3.64e+06	1.18e+03	3.1e+03	2.37e+06	1.36e+03	1.7e+03
69	PCB-93/100	3.01e+04	1.18e+03	2.5e+01	2.57e+04	1.36e+03	1.9e+01
70	PCB-98/102	1.01e+05	1.18e+03	8.6e+01	6.21e+04	1.36e+03	4.6e+01
71	PCB-88/91	3.73e+05	1.18e+03	3.2e+02	2.42e+05	1.36e+03	1.8e+02
72	PCB-84	7.13e+05	1.18e+03	6.0e+02	4.57e+05	1.36e+03	3.4e+02
73	PCB-89	3.91e+04	1.18e+03	3.3e+01	2.41e+04	1.36e+03	1.8e+01
74	PCB-121	*	3.07e+03	*	*	2.68e+03	*
75	PCB-92	7.18e+05	3.07e+03	2.3e+02	4.51e+05	2.68e+03	1.7e+02
76	PCB-90/101/113	6.19e+06	3.07e+03	2.0e+03	3.97e+06	2.68e+03	1.5e+03
77	PCB-83/99	1.50e+06	3.07e+03	4.9e+02	9.84e+05	2.68e+03	3.7e+02
78	PCB-112	*	3.07e+03	*	*	2.68e+03	*
79	CB-86/87/97/109/119/125	1.74e+06	3.07e+03	5.7e+02	1.10e+06	2.68e+03	4.1e+02
80	PCB-117	9.34e+04	3.07e+03	3.0e+01	6.00e+04	2.68e+03	2.2e+01
81	PCB-85/116	7.00e+05	3.07e+03	2.3e+02	4.46e+05	2.68e+03	1.7e+02
82	PCB-110/115	6.15e+06	3.07e+03	2.0e+03	3.87e+06	2.68e+03	1.4e+03
83	PCB-82	2.94e+05	3.07e+03	9.6e+01	1.86e+05	2.68e+03	6.9e+01
84	PCB-111	*	3.07e+03	*	*	2.68e+03	*
85	PCB-120	2.60e+04	3.07e+03	8.5e+00	1.71e+04	2.68e+03	6.4e+00
86	PCB-108/124	2.60e+05	6.20e+03	4.2e+01	1.72e+05	7.74e+03	2.2e+01
87	PCB-107	4.11e+05	6.20e+03	6.6e+01	2.79e+05	7.74e+03	3.6e+01
88	PCB-123	1.43e+05	6.20e+03	2.3e+01	1.06e+05	7.74e+03	1.4e+01
89	PCB-106	*	6.20e+03	*	*	7.74e+03	*
90	PCB-118	4.86e+06	6.20e+03	7.8e+02	3.12e+06	7.74e+03	4.0e+02
91	PCB-122	8.72e+04	6.20e+03	1.4e+01	4.58e+04	7.74e+03	5.9e+00
92	PCB-114	1.54e+05	6.20e+03	2.5e+01	1.00e+05	7.74e+03	1.3e+01
93	PCB-105	3.17e+06	6.20e+03	5.1e+02	2.08e+06	7.74e+03	2.7e+02
94	PCB-127	*	6.20e+03	*	*	7.74e+03	*
95	PCB-126	8.98e+04	6.20e+03	1.4e+01	6.27e+04	7.74e+03	8.1e+00
96	PCB-155	*	2.45e+03	*	*	1.45e+03	*
97	PCB-152	*	2.45e+03	*	*	1.45e+03	*
98	PCB-150	2.57e+04	2.45e+03	1.0e+01	1.96e+04	1.45e+03	1.4e+01
99	PCB-136	2.64e+06	2.45e+03	1.1e+03	2.22e+06	1.45e+03	1.5e+03
100	PCB-145	*	2.45e+03	*	*	1.45e+03	*
101	PCB-148	*	2.45e+03	*	*	1.45e+03	*
102	PCB-135/151	5.27e+06	2.45e+03	2.2e+03	4.37e+06	1.45e+03	3.0e+03
103	PCB-154	8.50e+04	2.45e+03	3.5e+01	7.86e+04	1.45e+03	5.4e+01
104	PCB-144	1.02e+06	2.45e+03	4.2e+02	8.54e+05	1.45e+03	5.9e+02

105	PCB-147/149	1.55e+07	4.09e+03	3.8e+03	1.24e+07	5.20e+03	2.4e+03
106	PCB-134	5.01e+05	4.09e+03	1.2e+02	4.06e+05	5.20e+03	7.8e+01
107	PCB-143	*	4.09e+03	*	*	5.20e+03	*
108	PCB-139/140	6.95e+04	4.09e+03	1.7e+01	5.43e+04	5.20e+03	1.0e+01
109	PCB-131	9.16e+04	4.09e+03	2.2e+01	7.72e+04	5.20e+03	1.5e+01
110	PCB-142	*	4.09e+03	*	*	5.20e+03	*
111	PCB-132	3.68e+06	4.09e+03	9.0e+02	3.00e+06	5.20e+03	5.8e+02
112	PCB-133	1.44e+05	4.09e+03	3.5e+01	1.23e+05	5.20e+03	2.4e+01
113	PCB-165	*	4.09e+03	*	*	5.20e+03	*
114	PCB-146	2.57e+06	4.09e+03	6.3e+02	2.08e+06	5.20e+03	4.0e+02
115	PCB-161	*	4.09e+03	*	*	5.20e+03	*
116	PCB-153/168	2.16e+07	4.09e+03	5.3e+03	1.73e+07	5.20e+03	3.3e+03
117	PCB-141	4.05e+06	4.09e+03	9.9e+02	3.28e+06	5.20e+03	6.3e+02
118	PCB-130	5.58e+05	4.09e+03	1.4e+02	4.61e+05	5.20e+03	8.9e+01
119	PCB-137	2.25e+05	4.09e+03	5.5e+01	1.88e+05	5.20e+03	3.6e+01
120	PCB-164	1.51e+06	4.09e+03	3.7e+02	1.21e+06	5.20e+03	2.3e+02
121	PCB-129/138/163	1.98e+07	4.09e+03	4.9e+03	1.60e+07	5.20e+03	3.1e+03
122	PCB-160	*	4.09e+03	*	*	5.20e+03	*
123	PCB-158	2.06e+06	4.09e+03	5.0e+02	1.68e+06	5.20e+03	3.2e+02
124	PCB-128/166	1.43e+06	4.09e+03	3.5e+02	1.15e+06	5.20e+03	2.2e+02
125	PCB-159	6.34e+05	4.24e+03	1.5e+02	4.80e+05	3.36e+03	1.4e+02
126	PCB-162	6.78e+04	4.24e+03	1.6e+01	5.19e+04	3.36e+03	1.5e+01
127	PCB-167	6.97e+05	4.24e+03	1.6e+02	5.53e+05	3.36e+03	1.6e+02
128	PCB-156/157	1.40e+06	4.24e+03	3.3e+02	1.13e+06	3.36e+03	3.3e+02
129	PCB-169	*	4.24e+03	*	*	3.36e+03	*
130	PCB-188	9.42e+03	1.28e+03	7.4e+00	1.14e+04	1.18e+03	9.6e+00
131	PCB-179	4.07e+06	1.28e+03	3.2e+03	3.99e+06	1.18e+03	3.4e+03
132	PCB-184	*	1.28e+03	*	*	1.18e+03	*
133	PCB-176	1.23e+06	1.28e+03	9.6e+02	1.21e+06	1.18e+03	1.0e+03
134	PCB-186	*	1.28e+03	*	*	1.18e+03	*
135	PCB-178	1.43e+06	1.28e+03	1.1e+03	1.37e+06	1.18e+03	1.2e+03
136	PCB-175	3.05e+05	1.28e+03	2.4e+02	3.10e+05	1.18e+03	2.6e+02
137	PCB-187	1.02e+07	1.28e+03	8.0e+03	1.02e+07	1.18e+03	8.6e+03
138	PCB-182	*	1.28e+03	*	*	1.18e+03	*
139	PCB-183	4.10e+06	8.46e+03	4.9e+02	3.89e+06	9.16e+03	4.2e+02
140	PCB-185	8.84e+05	8.46e+03	1.0e+02	8.46e+05	9.16e+03	9.2e+01
141	PCB-174	7.13e+06	8.46e+03	8.4e+02	6.77e+06	9.16e+03	7.4e+02
142	PCB-177	4.32e+06	8.46e+03	5.1e+02	4.08e+06	9.16e+03	4.5e+02
143	PCB-181	*	8.46e+03	*	*	9.16e+03	*
144	PCB-171/173	1.93e+06	8.46e+03	2.3e+02	1.87e+06	9.16e+03	2.0e+02
145	PCB-172	1.08e+06	8.46e+03	1.3e+02	1.00e+06	9.16e+03	1.1e+02
146	PCB-192	*	8.46e+03	*	*	9.16e+03	*
147	PCB-180/193	1.72e+07	8.46e+03	2.0e+03	1.66e+07	9.16e+03	1.8e+03
148	PCB-191	4.05e+05	8.46e+03	4.8e+01	4.02e+05	9.16e+03	4.4e+01
149	PCB-170	5.32e+06	8.46e+03	6.3e+02	5.22e+06	9.16e+03	5.7e+02
150	PCB-190	1.58e+06	8.46e+03	1.9e+02	1.49e+06	9.16e+03	1.6e+02
151	PCB-189	2.54e+05	8.46e+03	3.0e+01	2.39e+05	9.16e+03	2.6e+01
152	PCB-202	5.81e+05	1.85e+03	3.1e+02	6.59e+05	1.76e+03	3.7e+02
153	PCB-201	5.25e+05	1.85e+03	2.8e+02	5.77e+05	1.76e+03	3.3e+02
154	PCB-204	*	1.85e+03	*	*	1.76e+03	*
155	PCB-197	1.43e+05	1.85e+03	7.8e+01	1.77e+05	1.76e+03	1.0e+02
156	PCB-200	5.27e+05	1.85e+03	2.9e+02	5.86e+05	1.76e+03	3.3e+02
157	PCB-198/199	2.75e+06	1.85e+03	1.5e+03	3.16e+06	1.76e+03	1.8e+03
158	PCB-196	1.41e+06	1.85e+03	7.6e+02	1.61e+06	1.76e+03	9.1e+02
159	PCB-203	1.85e+06	1.85e+03	1.0e+03	2.07e+06	1.76e+03	1.2e+03
160	PCB-195	1.11e+06	1.85e+03	6.0e+02	1.22e+06	1.76e+03	6.9e+02
161	PCB-194	2.96e+06	1.85e+03	1.6e+03	3.37e+06	1.76e+03	1.9e+03
162	PCB-205	2.03e+05	1.85e+03	1.1e+02	2.27e+05	1.76e+03	1.3e+02

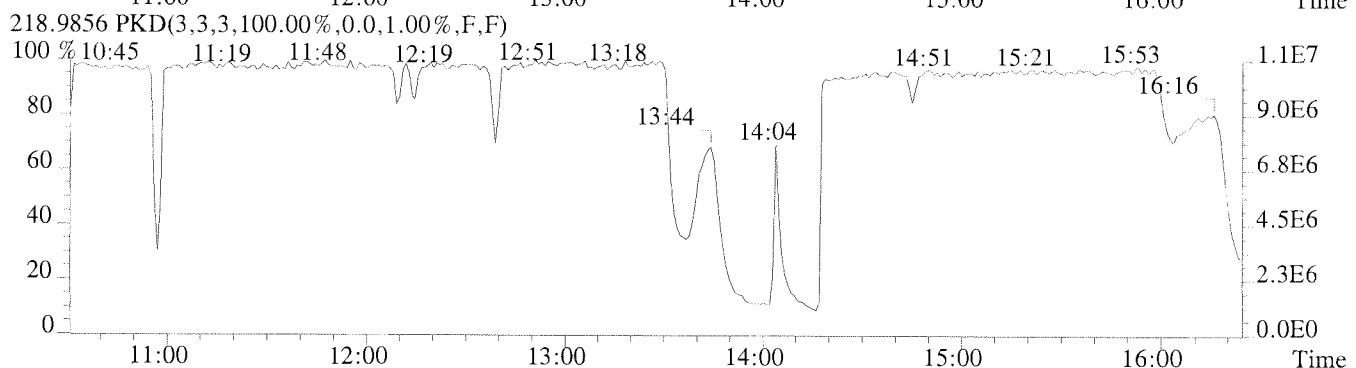
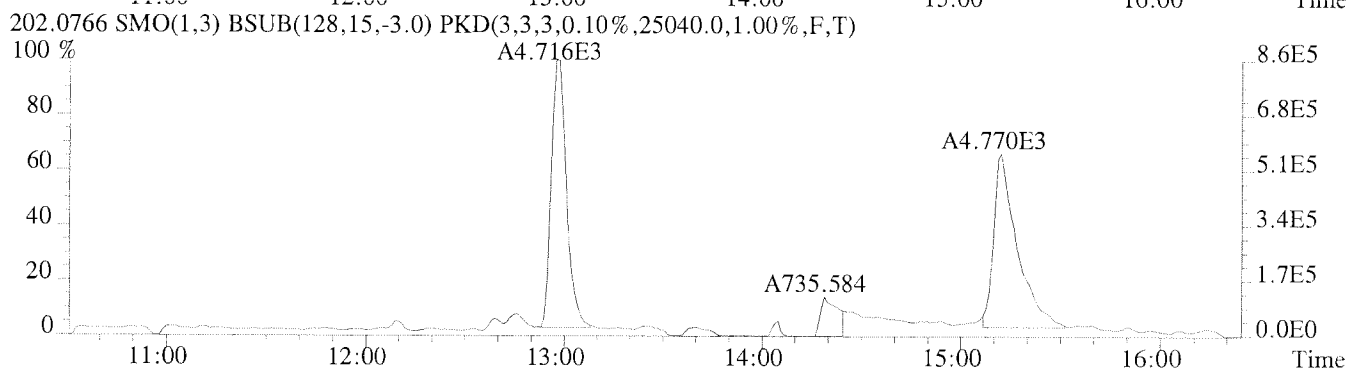
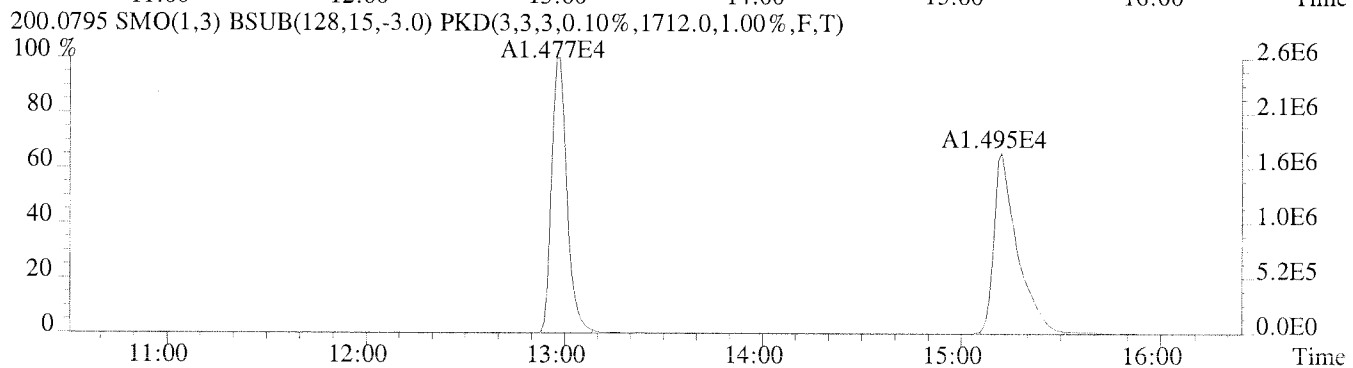
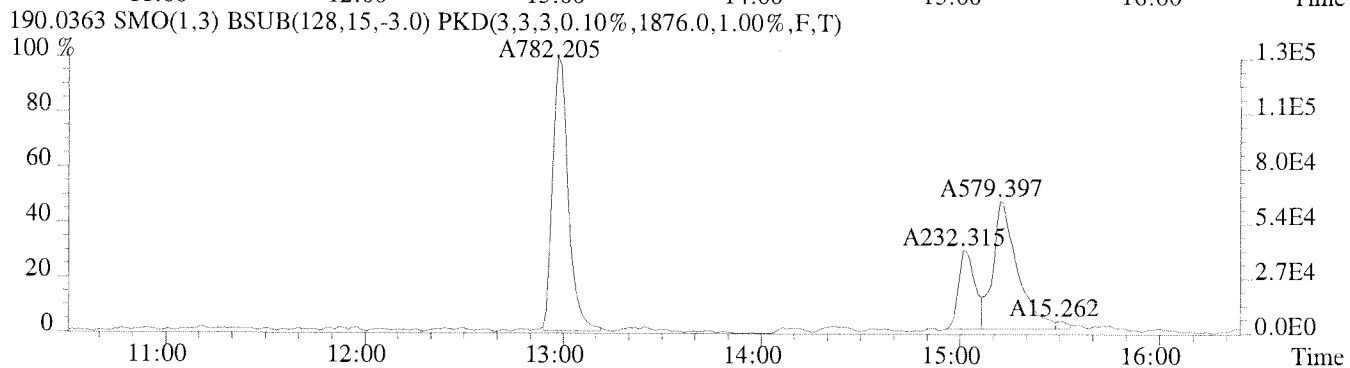
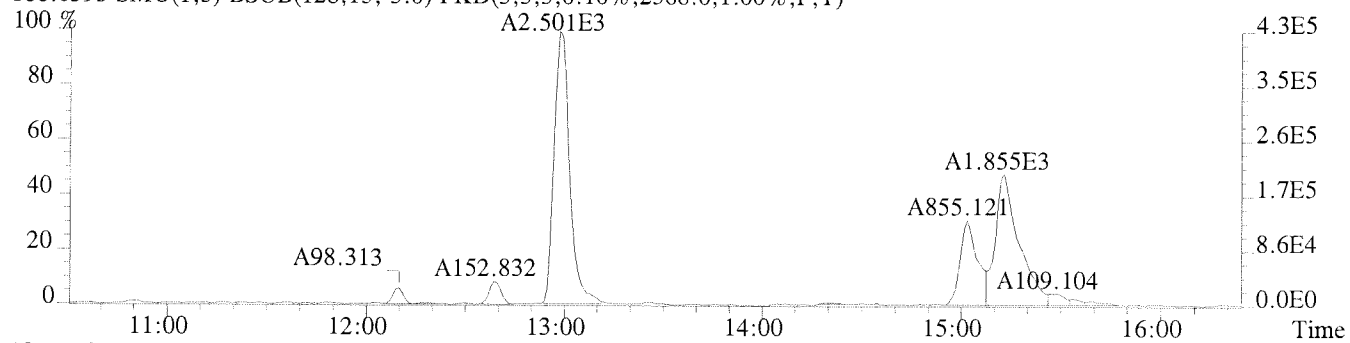
Run #15

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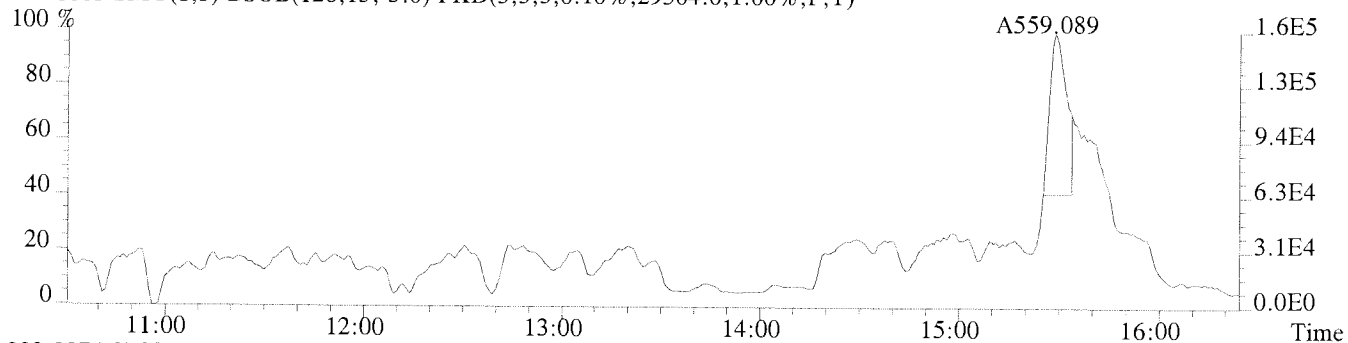
163	PCB-208	1.37e+05	1.66e+03	8.3e+01	1.66e+05	1.70e+03	9.7e+01
164	PCB-207	1.09e+05	1.66e+03	6.6e+01	1.34e+05	1.70e+03	7.9e+01
165	PCB-206	4.64e+05	1.27e+03	3.6e+02	6.07e+05	1.29e+03	4.7e+02
166	PCB-209	4.63e+04	1.29e+03	3.6e+01	4.53e+04	1.17e+03	3.9e+01
167	PCB-1L	2.58e+06	1.71e+03	1.5e+03	8.32e+05	2.50e+04	3.3e+01
168	PCB-3L	1.70e+06	1.71e+03	1.0e+03	5.39e+05	2.50e+04	2.2e+01
169	PCB-4L	7.98e+05	5.02e+03	1.6e+02	5.18e+05	3.21e+03	1.6e+02
170	PCB-15L	2.31e+06	8.91e+03	2.6e+02	1.40e+06	3.12e+03	4.5e+02
171	PCB-19L	1.18e+06	7.54e+04	1.6e+01	1.15e+06	1.09e+05	1.1e+01
172	PCB-37L	1.81e+06	1.81e+04	1.0e+02	1.66e+06	2.80e+04	5.9e+01
173	PCB-54L	1.81e+06	1.10e+04	1.6e+02	2.32e+06	1.25e+04	1.9e+02
174	PCB-81L	1.28e+06	4.27e+03	3.0e+02	1.56e+06	4.53e+03	3.5e+02
175	PCB-77L	1.31e+06	4.27e+03	3.1e+02	1.62e+06	4.53e+03	3.6e+02
176	PCB-104L	2.37e+06	9.48e+02	2.5e+03	1.52e+06	1.14e+03	1.3e+03
177	PCB-123L	2.01e+06	2.32e+03	8.7e+02	1.26e+06	3.19e+03	3.9e+02
178	PCB-118L	2.05e+06	2.32e+03	8.8e+02	1.26e+06	3.19e+03	4.0e+02
179	PCB-114L	2.02e+06	2.32e+03	8.7e+02	1.24e+06	3.19e+03	3.9e+02
180	PCB-105L	2.05e+06	2.32e+03	8.9e+02	1.27e+06	3.19e+03	4.0e+02
181	PCB-126L	1.92e+06	2.32e+03	8.3e+02	1.18e+06	3.19e+03	3.7e+02
182	PCB-155L	2.32e+06	2.06e+03	1.1e+03	1.89e+06	1.82e+03	1.0e+03
183	PCB-167L	1.65e+06	2.64e+03	6.2e+02	1.30e+06	1.71e+03	7.6e+02
184	PCB-156/157L	2.24e+06	2.64e+03	8.5e+02	1.76e+06	1.71e+03	1.0e+03
185	PCB-169L	1.34e+06	2.64e+03	5.1e+02	9.90e+05	1.71e+03	5.8e+02
186	PCB-188L	1.90e+06	1.21e+03	1.6e+03	1.82e+06	1.09e+03	1.7e+03
187	PCB-189L	1.15e+06	1.93e+03	5.9e+02	1.09e+06	1.90e+03	5.7e+02
188	PCB-202L	1.47e+06	2.12e+03	6.9e+02	1.65e+06	2.08e+03	7.9e+02
189	PCB-205L	1.21e+06	2.12e+03	5.7e+02	1.37e+06	2.08e+03	6.6e+02
190	PCB-208L	1.18e+06	1.76e+03	6.7e+02	1.50e+06	1.50e+03	1.0e+03
191	PCB-206L	6.52e+05	1.40e+03	4.6e+02	8.33e+05	1.42e+03	5.9e+02
192	PCB-209L	1.02e+06	1.19e+03	8.5e+02	8.44e+05	1.26e+03	6.7e+02
193	PCB-28L	2.16e+06	1.81e+04	1.2e+02	2.00e+06	2.80e+04	7.1e+01
194	PCB-111L	1.75e+06	1.49e+03	1.2e+03	1.13e+06	1.86e+03	6.1e+02
195	PCB-178L	1.29e+06	1.21e+03	1.1e+03	1.27e+06	1.09e+03	1.2e+03
196	PCB-9L	5.70e+06	8.91e+03	6.4e+02	3.60e+06	3.12e+03	1.2e+03
197	PCB-52L	1.96e+06	3.21e+03	6.1e+02	2.48e+06	3.19e+03	7.8e+02
198	PCB-101L	2.64e+06	1.49e+03	1.8e+03	1.70e+06	1.86e+03	9.1e+02
199	PCB-138L	3.31e+06	9.92e+02	3.3e+03	2.63e+06	1.34e+03	2.0e+03
200	PCB-194L	1.50e+06	2.12e+03	7.1e+02	1.67e+06	2.08e+03	8.0e+02

File:U224767 #1-379 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2568.0,1.00%,F,T)

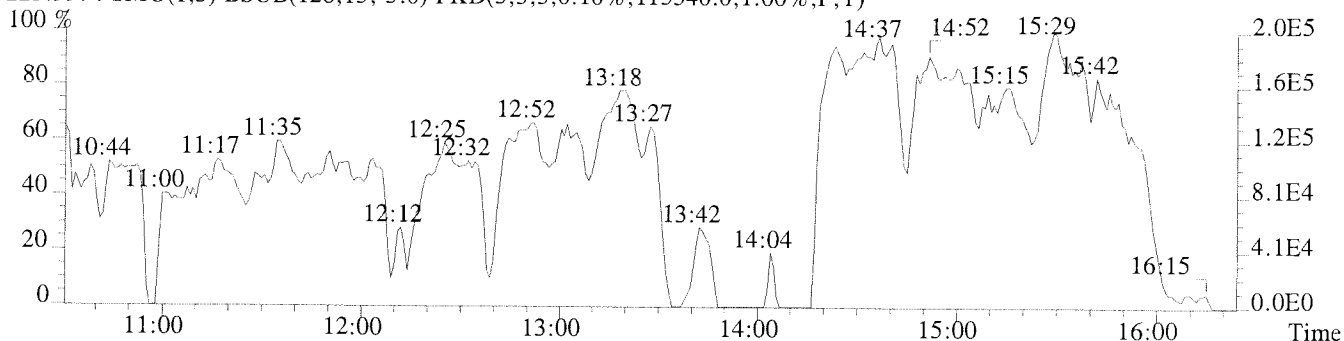


File:U224767 #1-379 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021

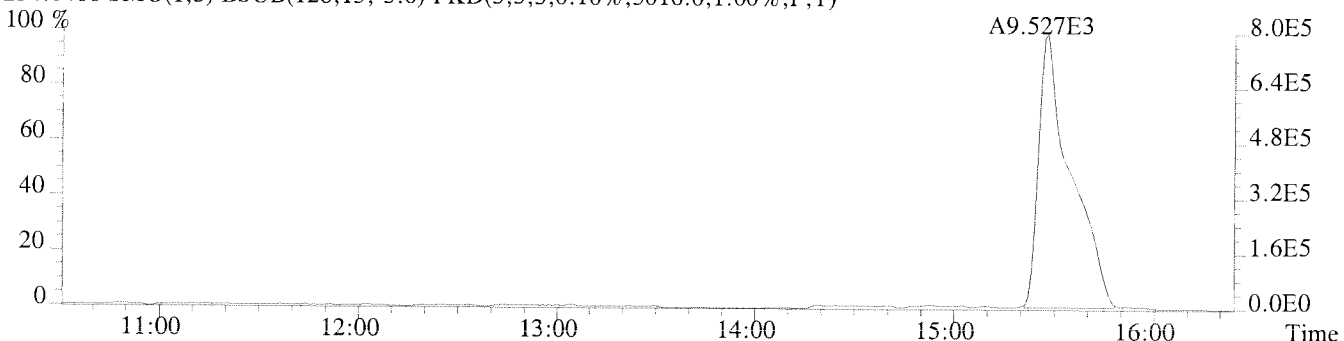
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,29504.0,1.00%,F,T)



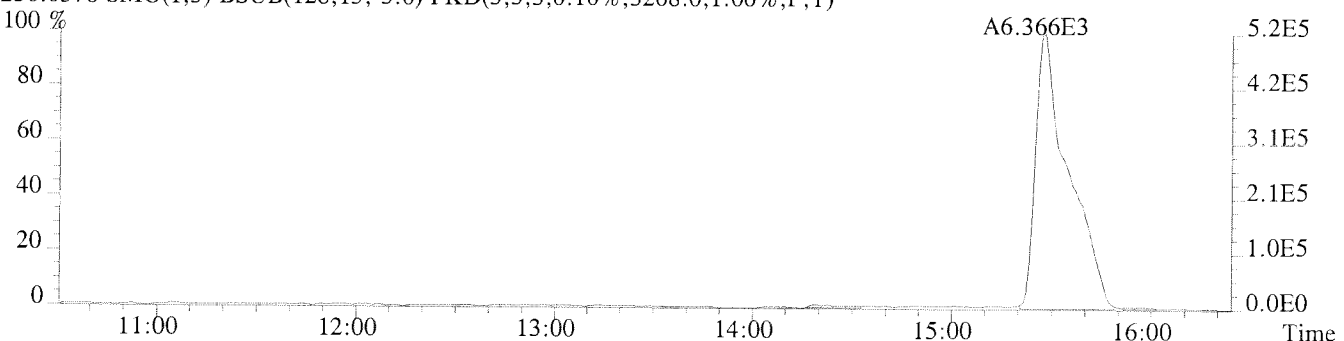
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,115540.0,1.00%,F,T)



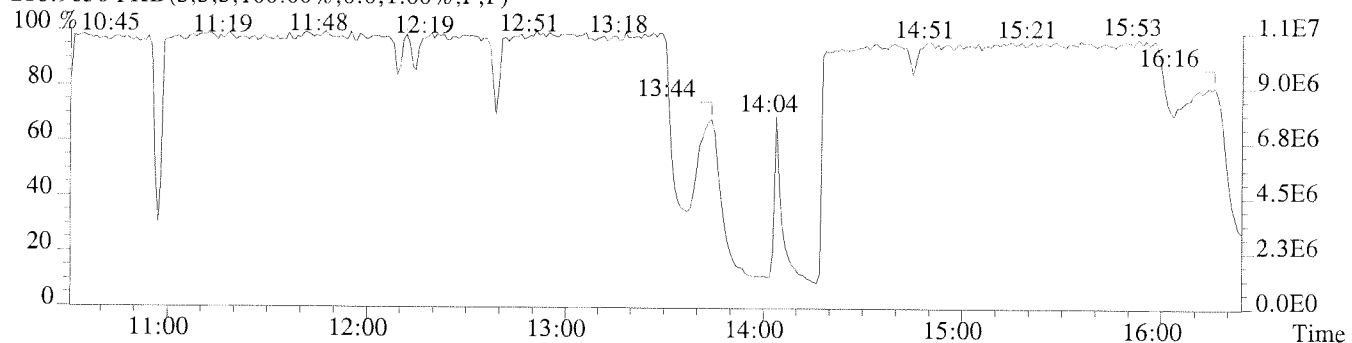
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5016.0,1.00%,F,T)

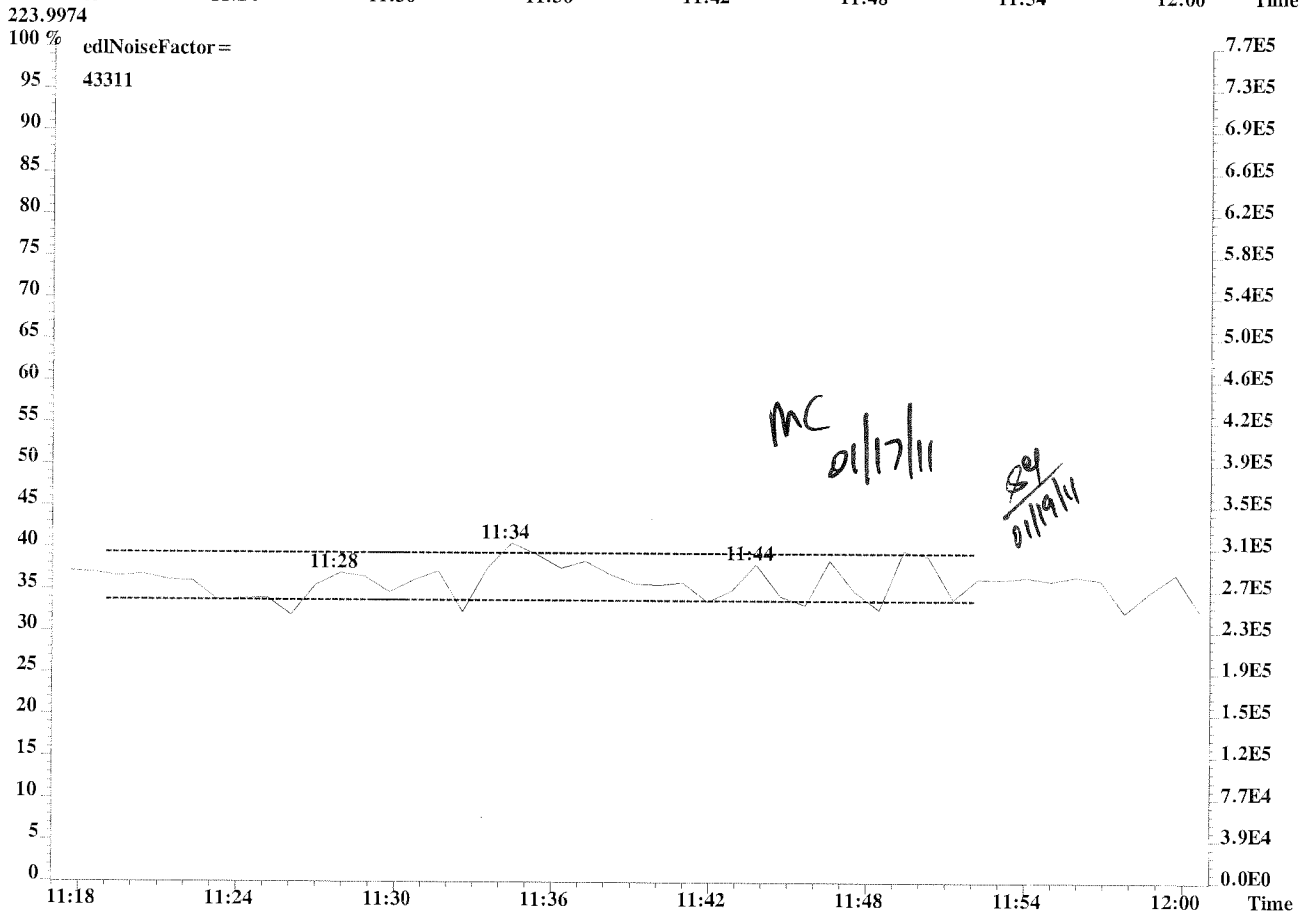
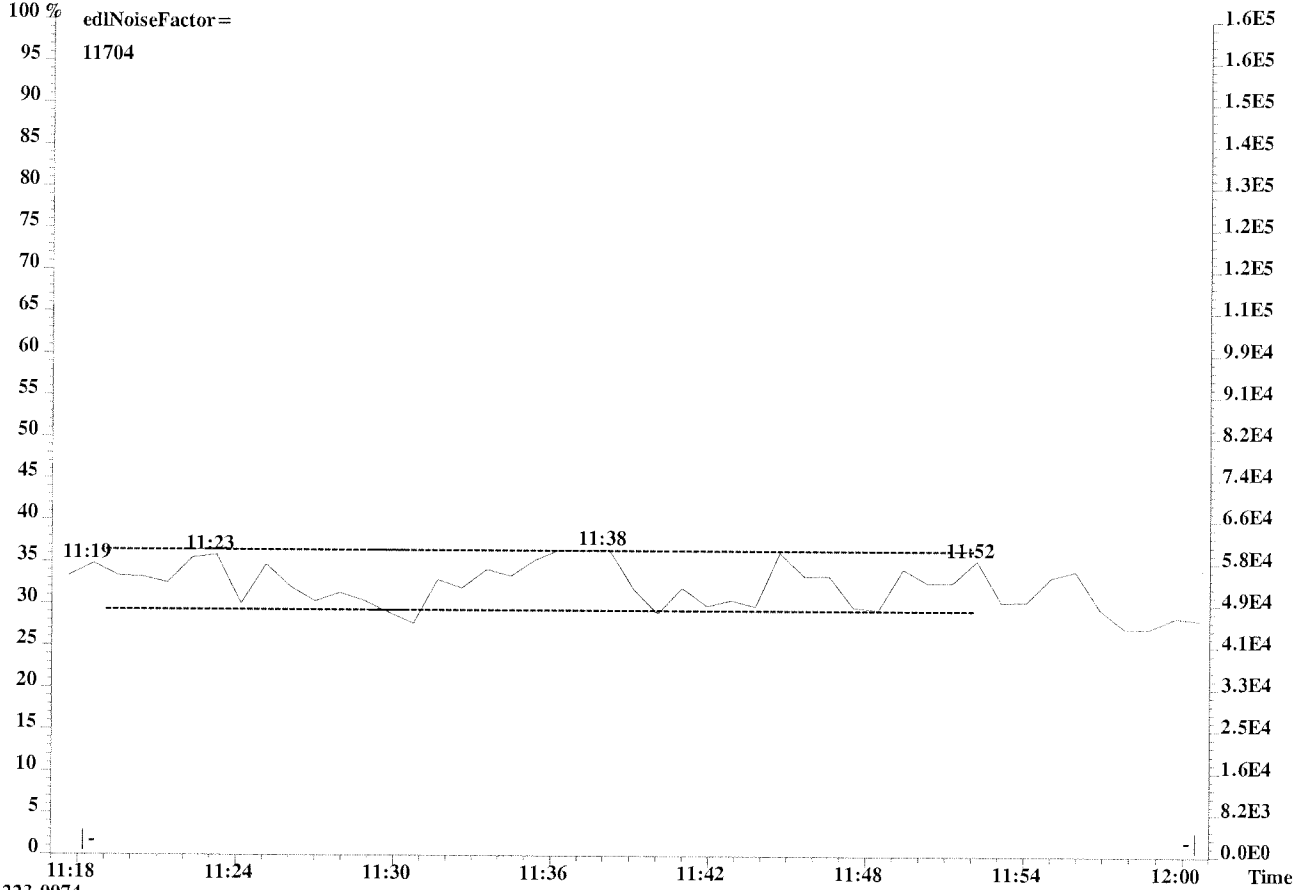


236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3208.0,1.00%,F,T)

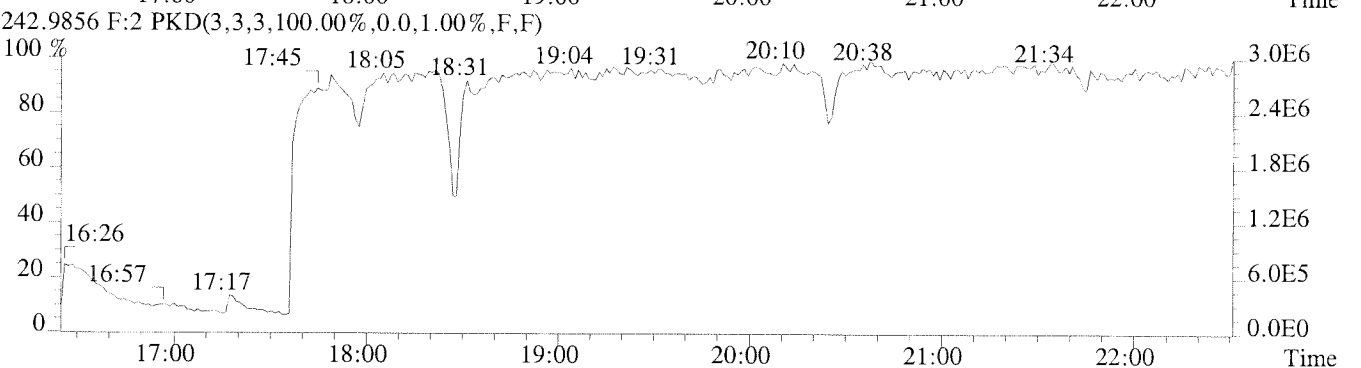
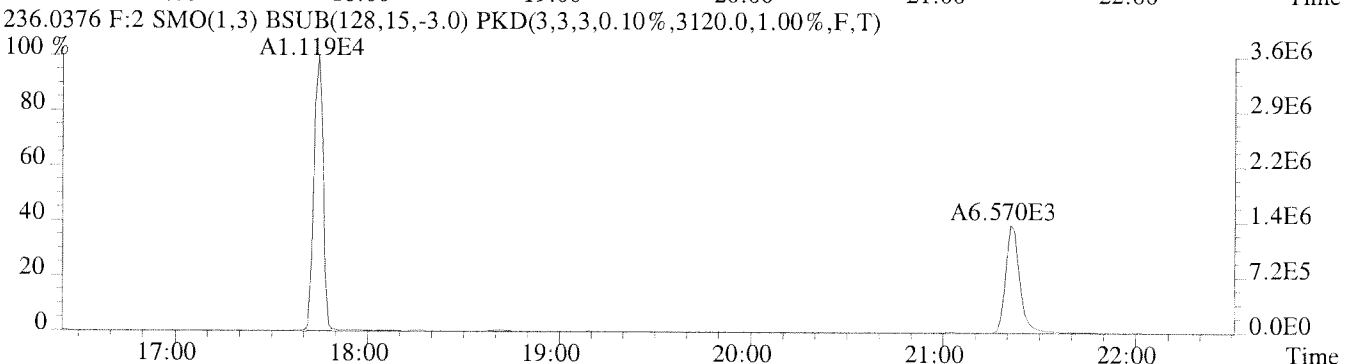
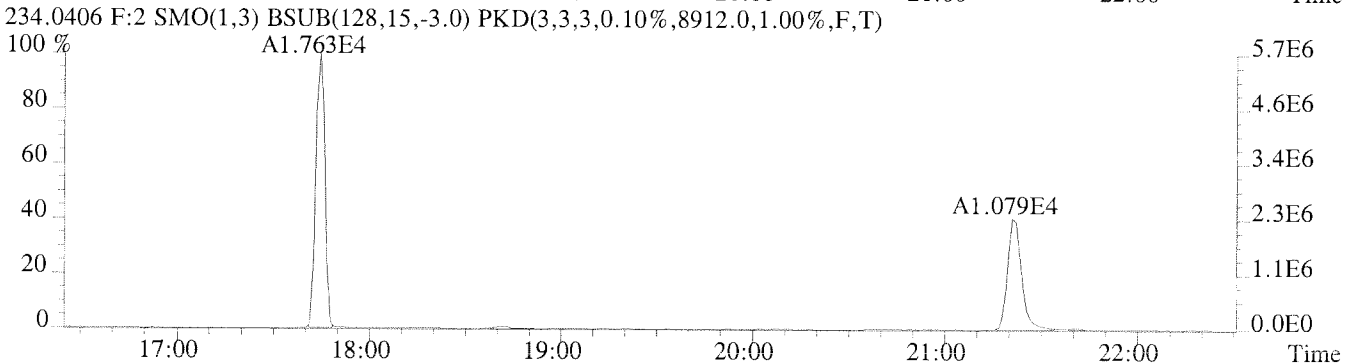
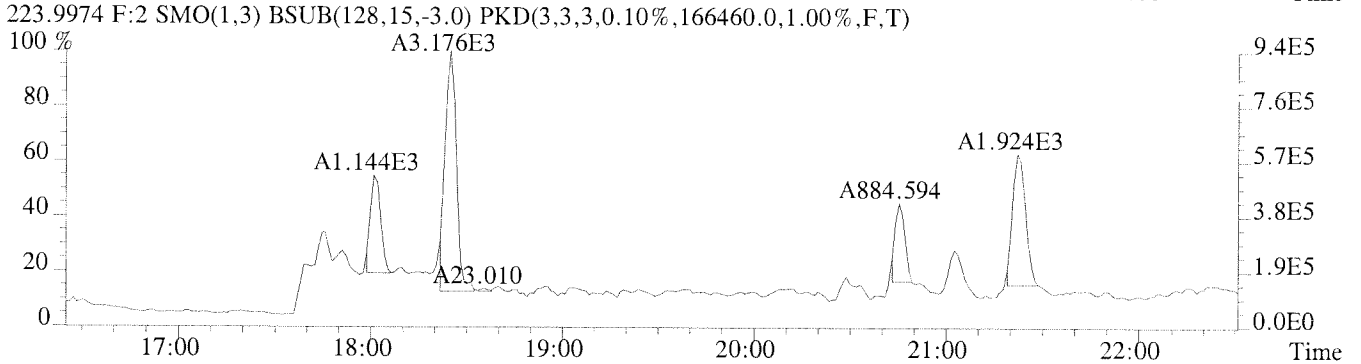
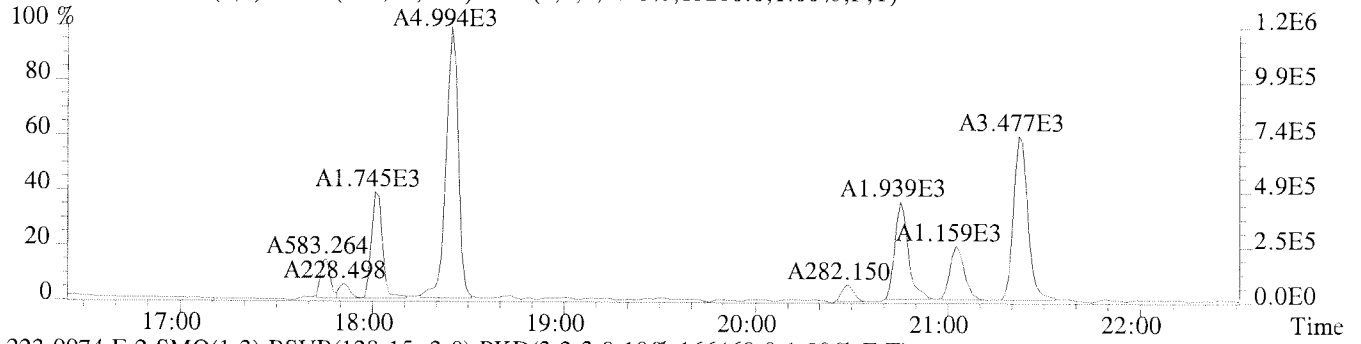


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

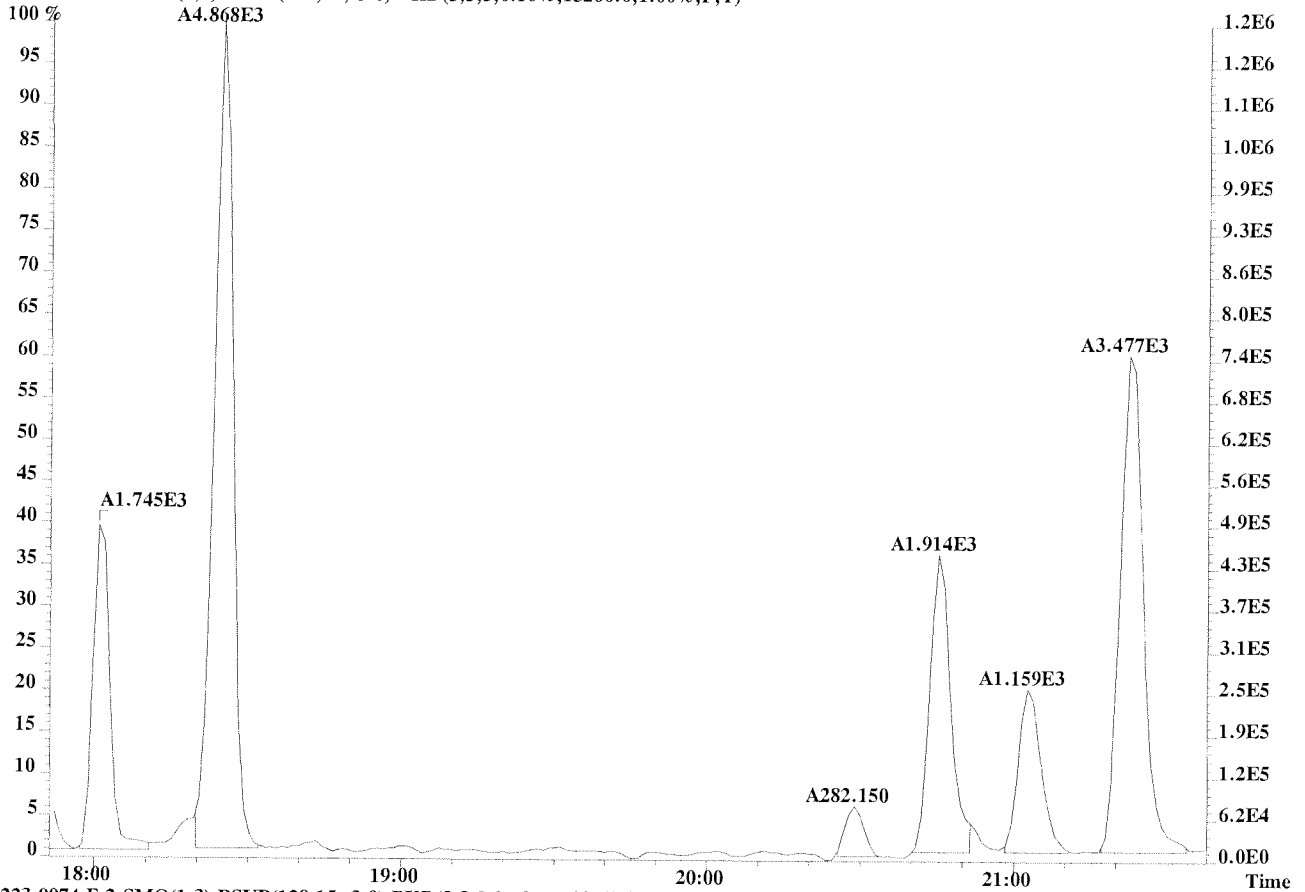




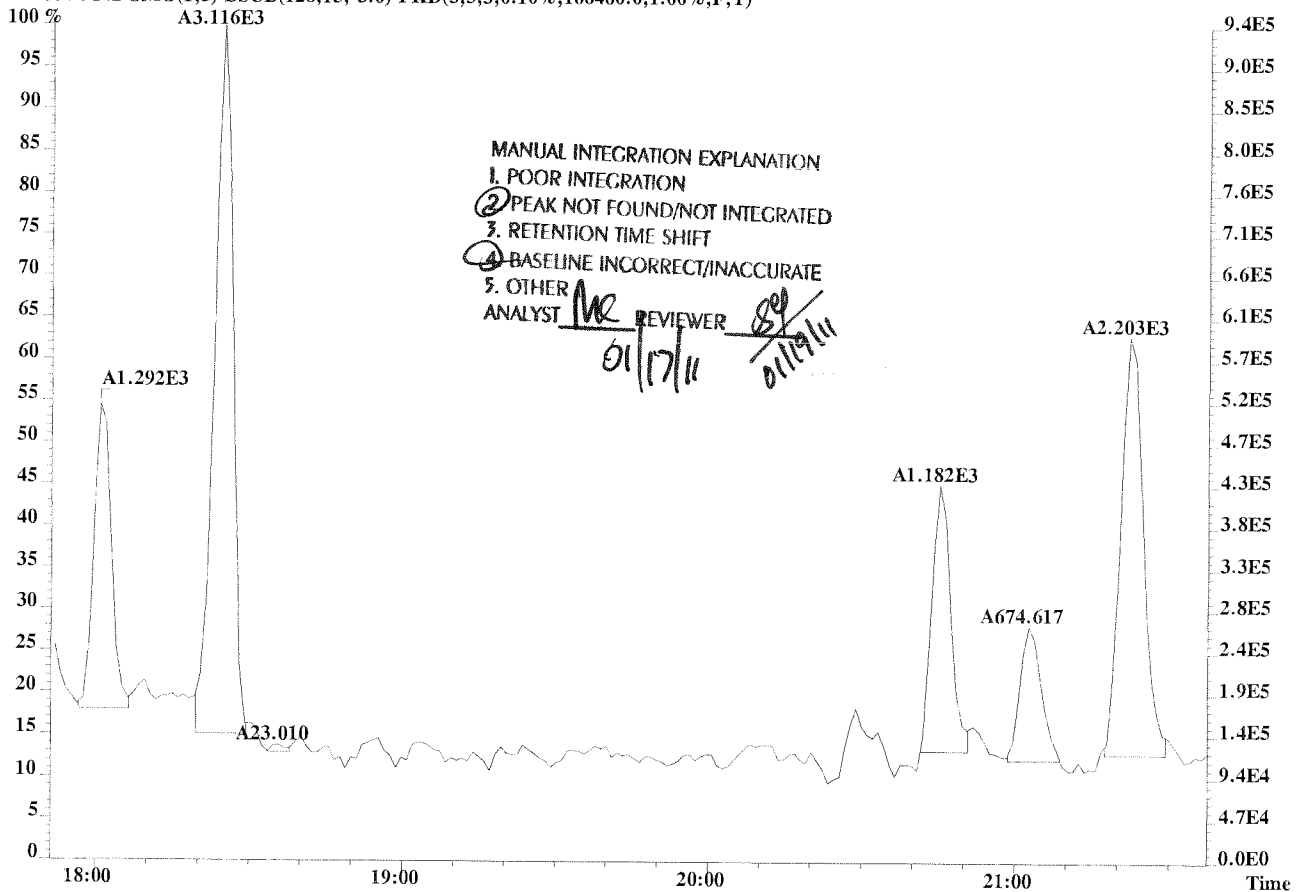
File:U224767 #1-337 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15280.0,1.00%,F,T)

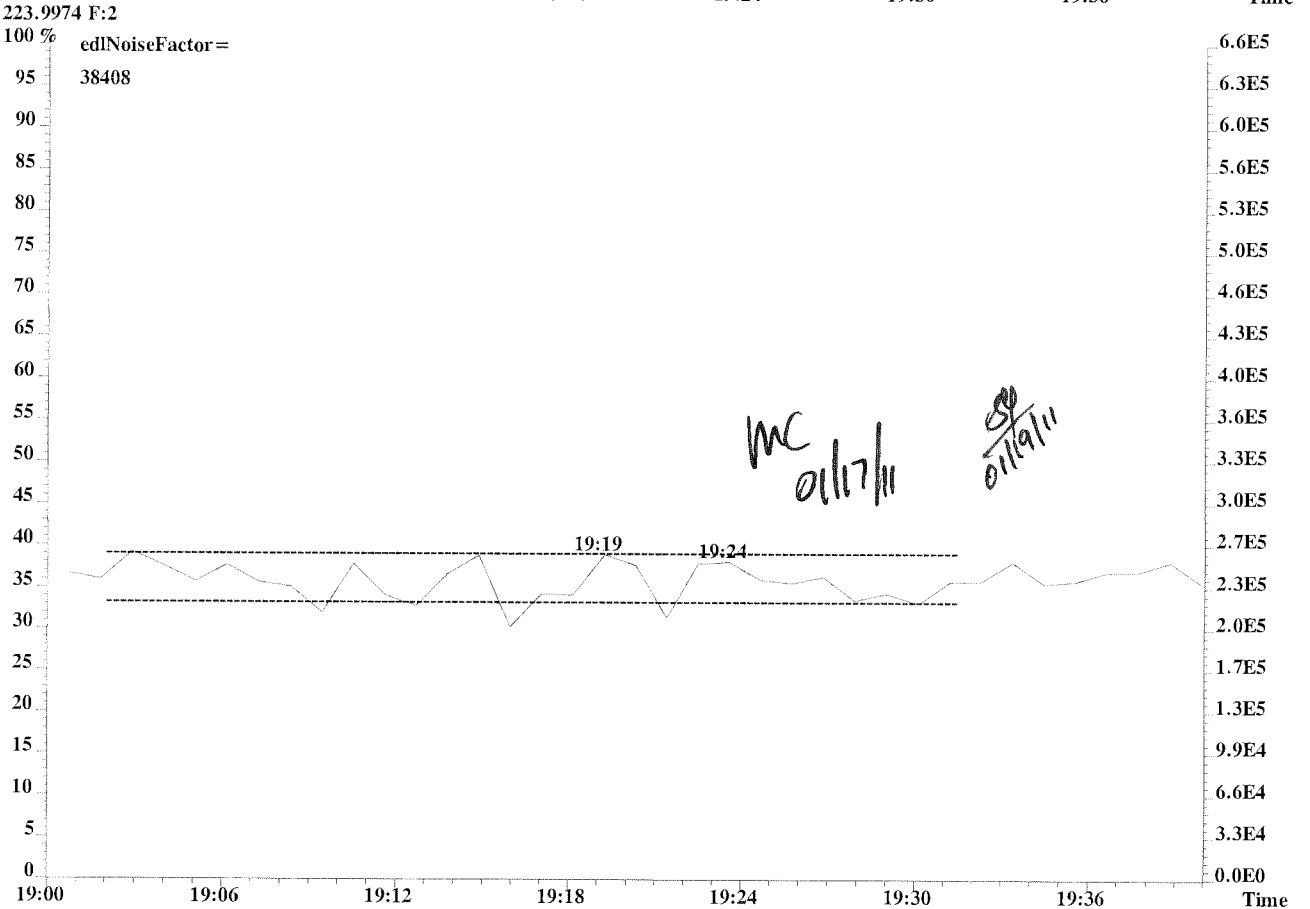
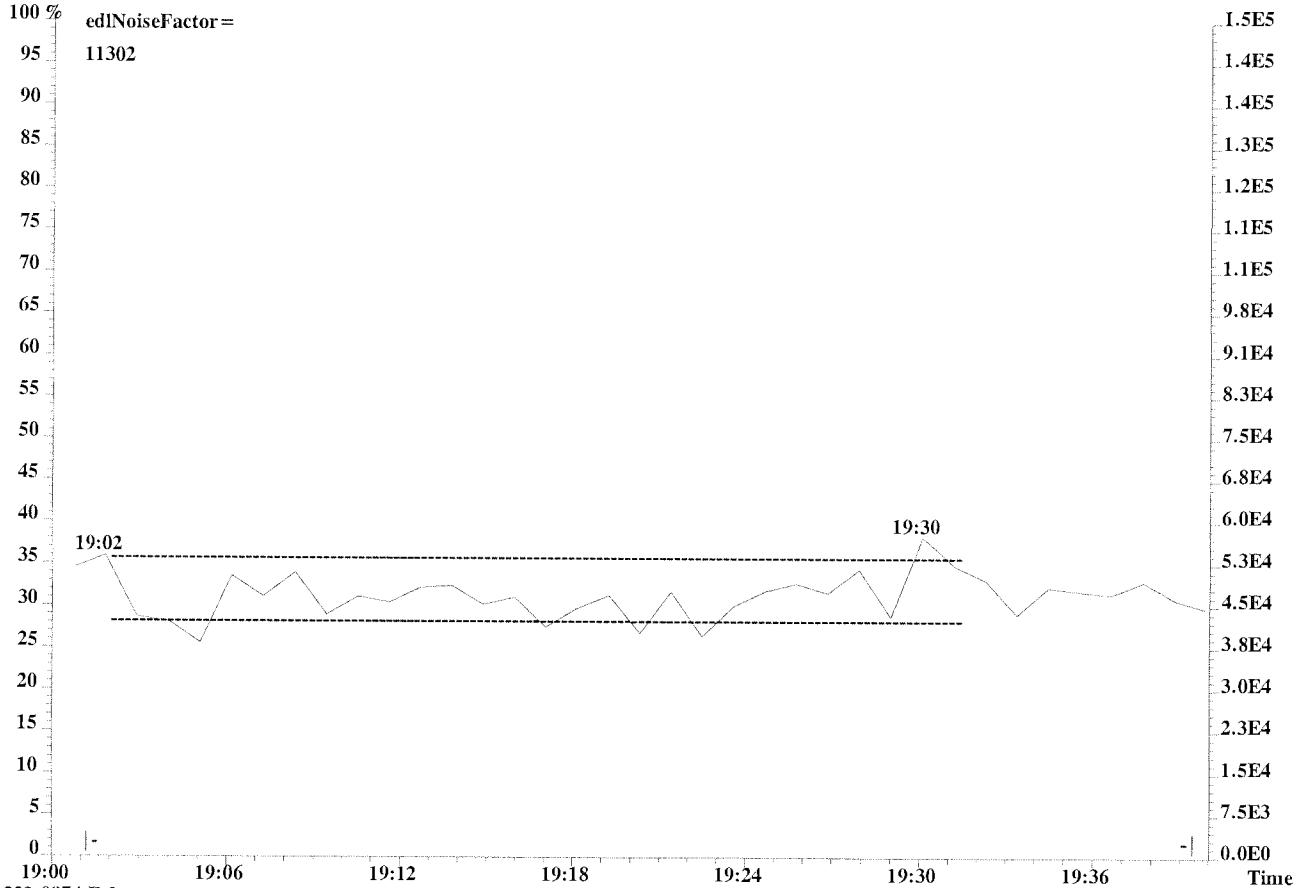


File:U224767 #1-337 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-015 USENRO021
 222.0003 F:2 SMO(1,3) BSM(128,15,-3.0) PKD(3,3,3,0.10%,15280.0,1.00%,F,T)

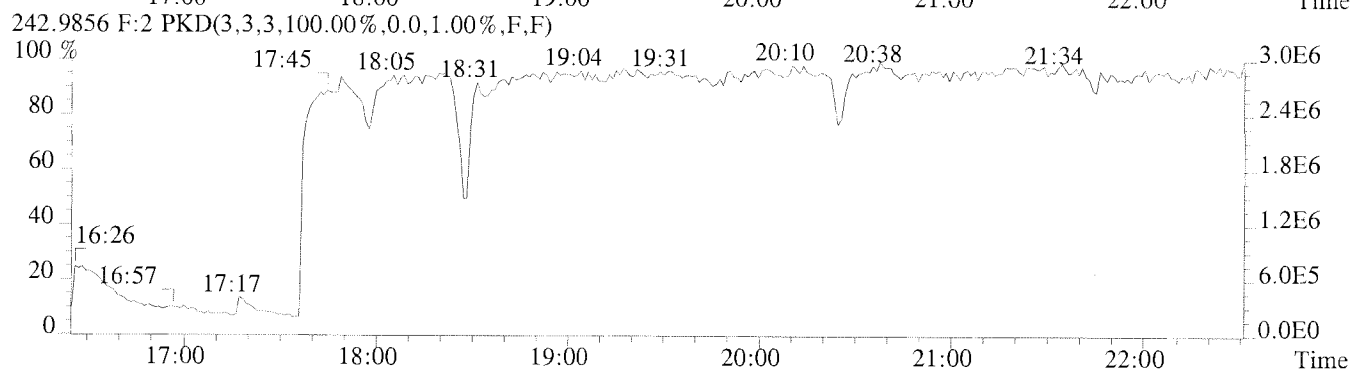
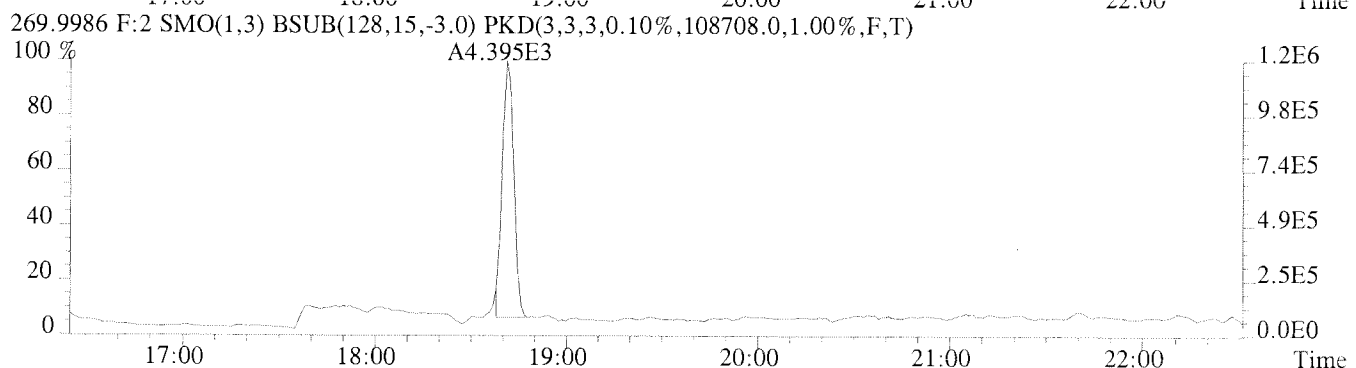
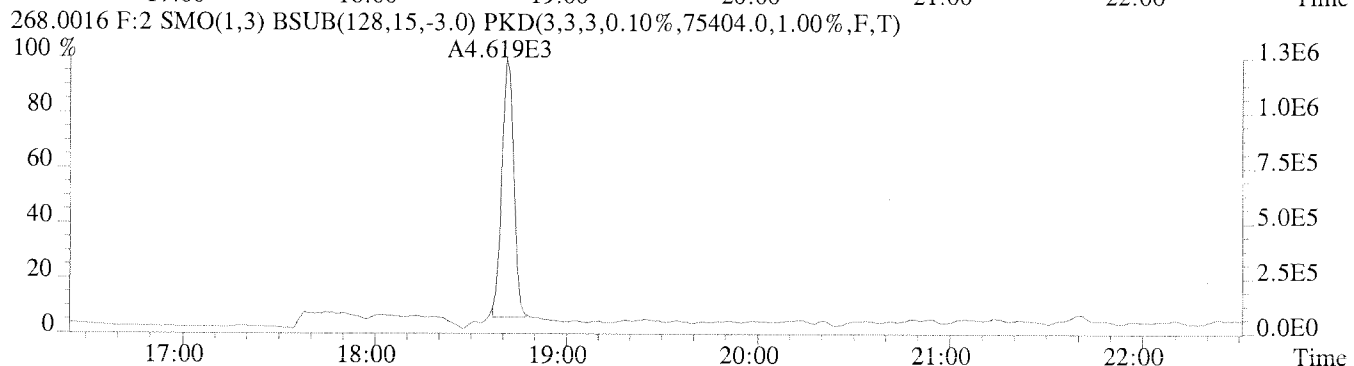
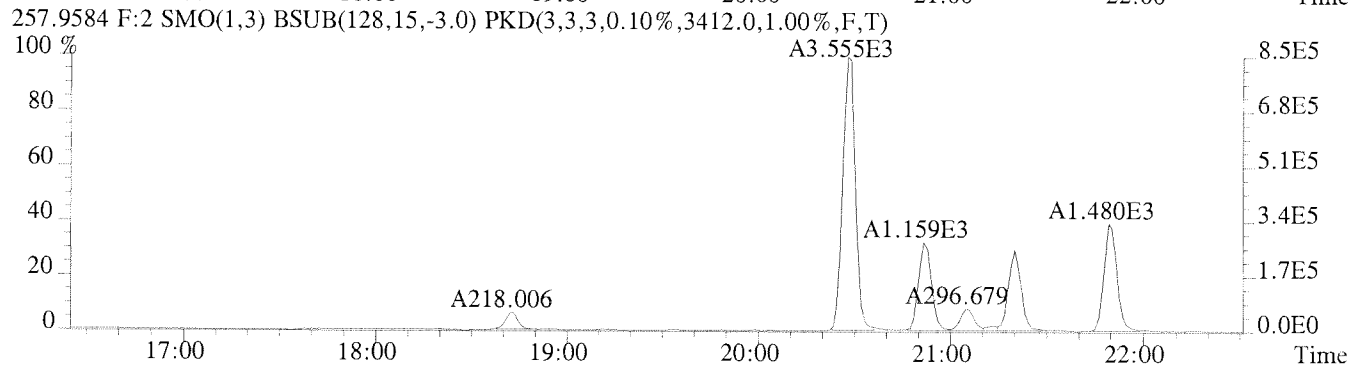
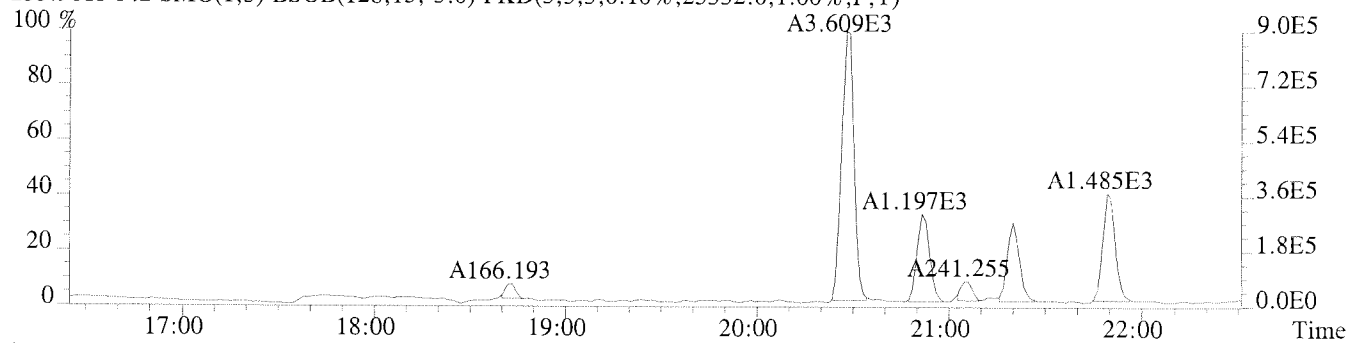


223.9974 F:2 SMO(1,3) BSM(128,15,-3.0) PKD(3,3,3,0.10%,166460.0,1.00%,F,T)

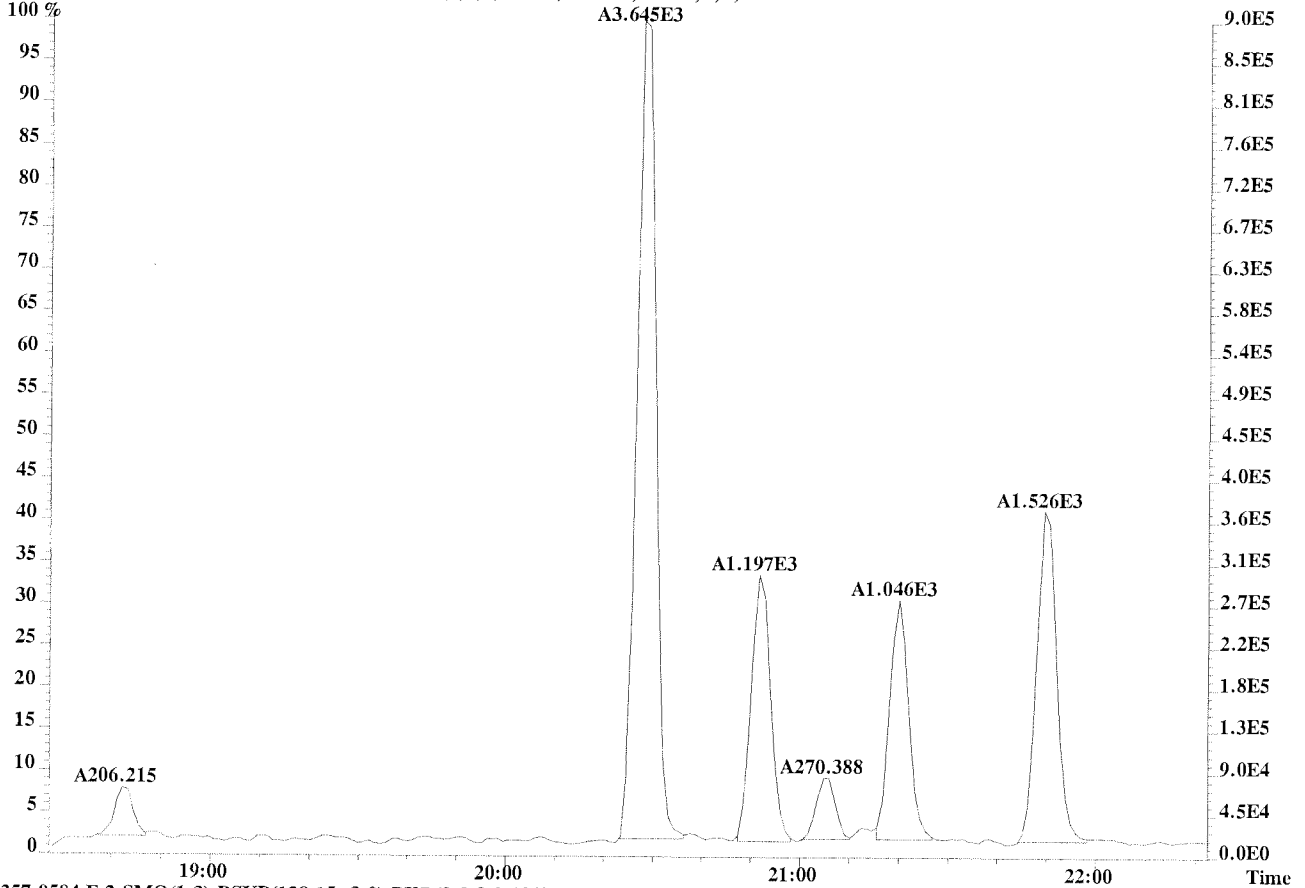




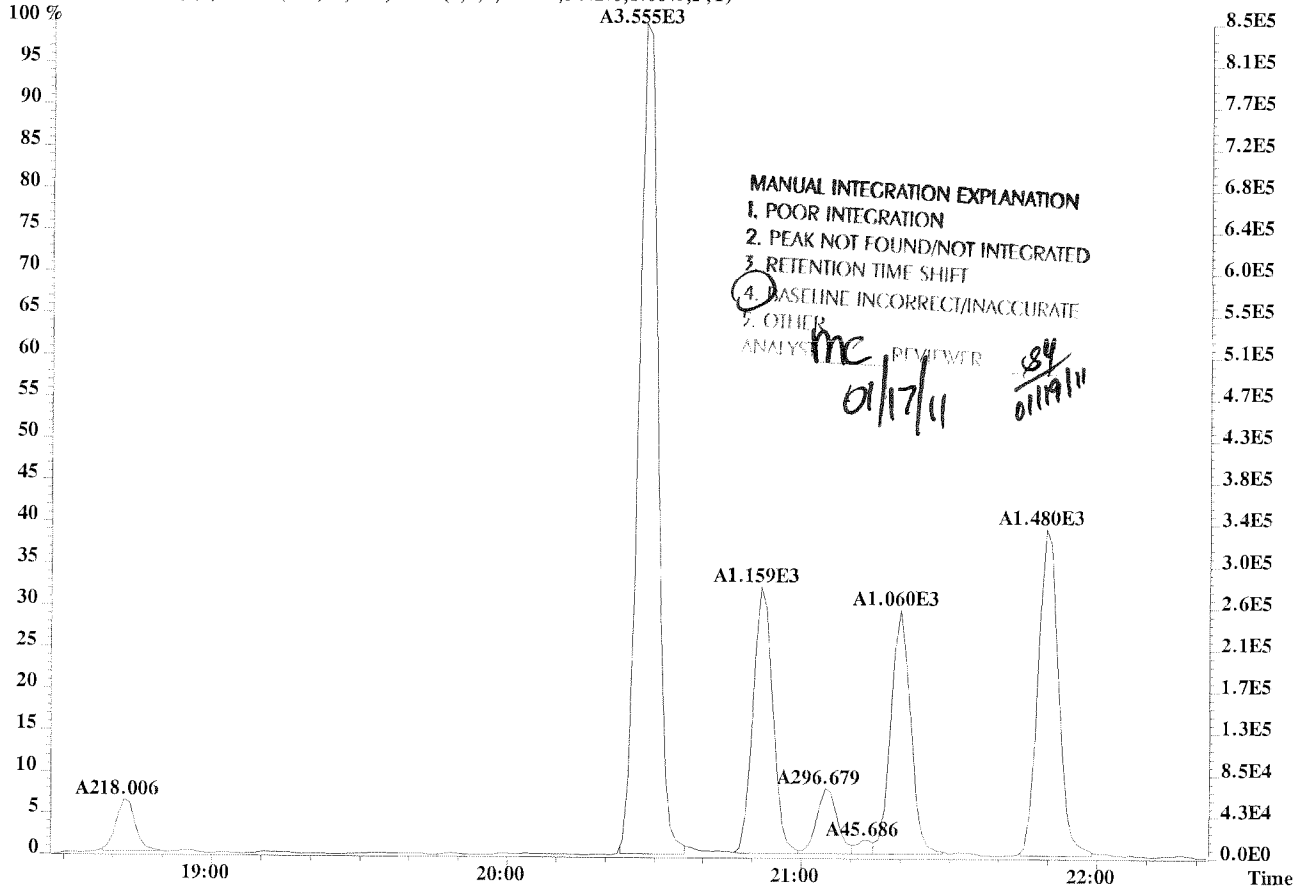
File:U224767 #1-337 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,25332.0,1.00%,F,T)



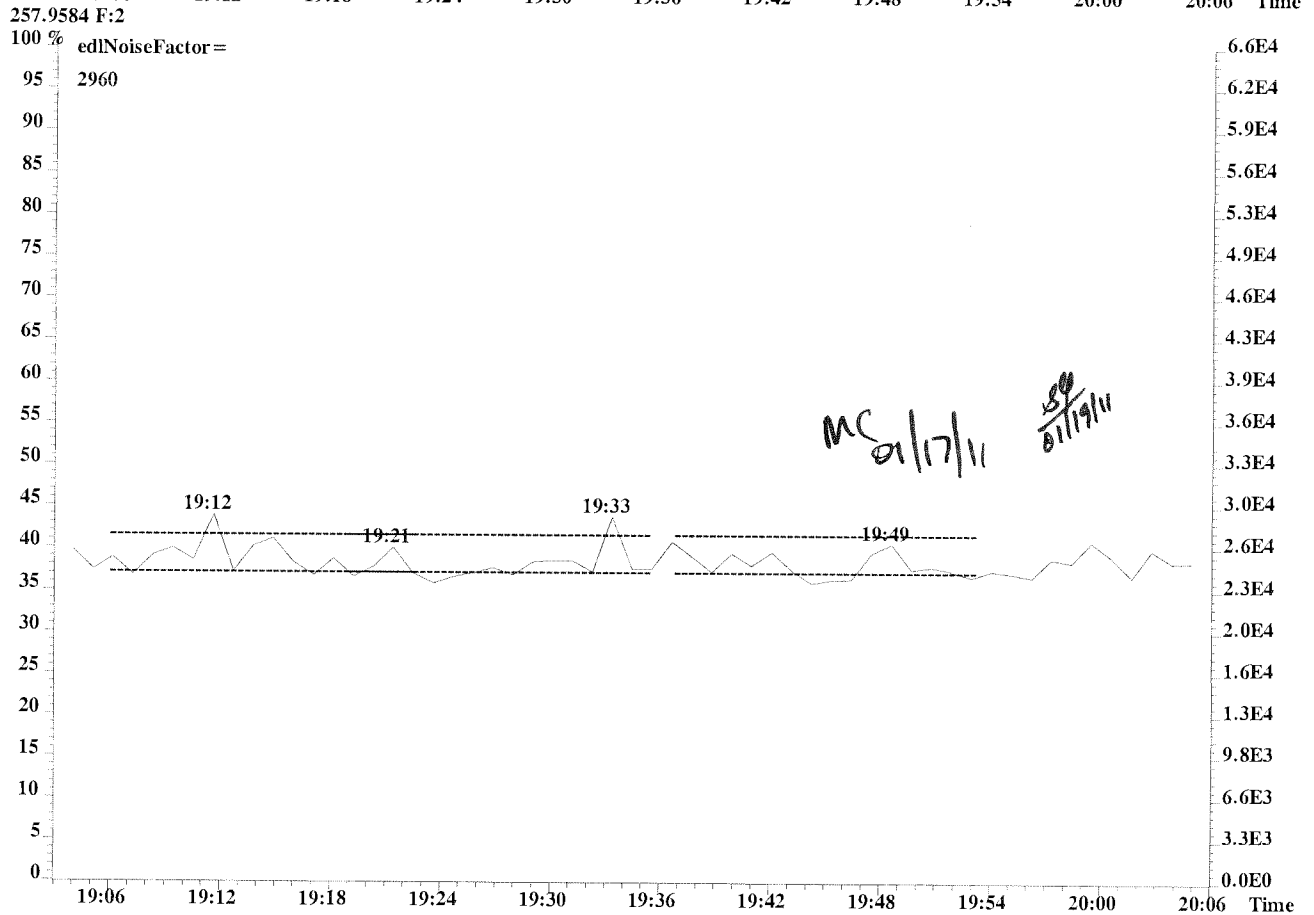
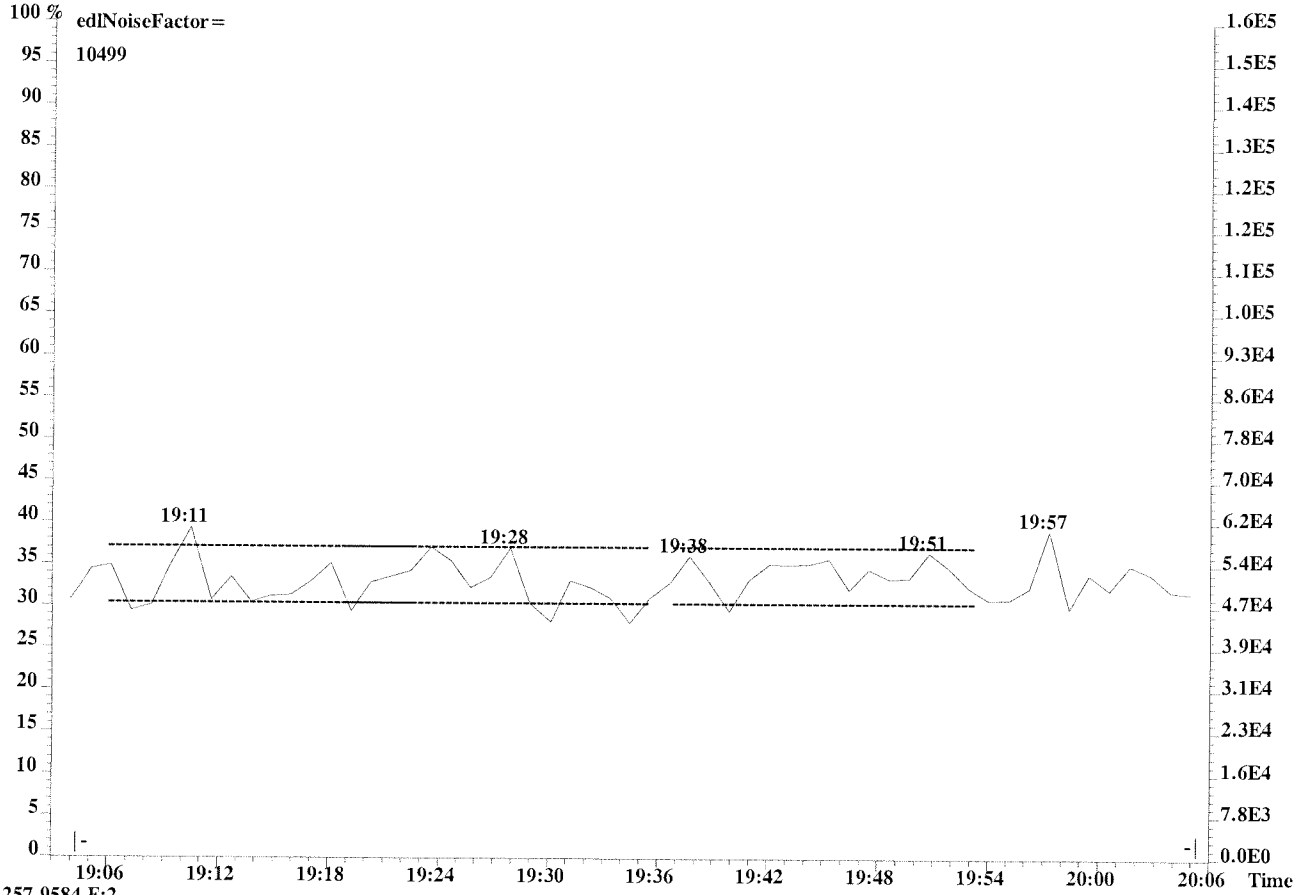
File:U224767 #1-337 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-015 USENRO021
 255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,25332.0,1.00%,F,T)



257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3412.0,1.00%,F,T)

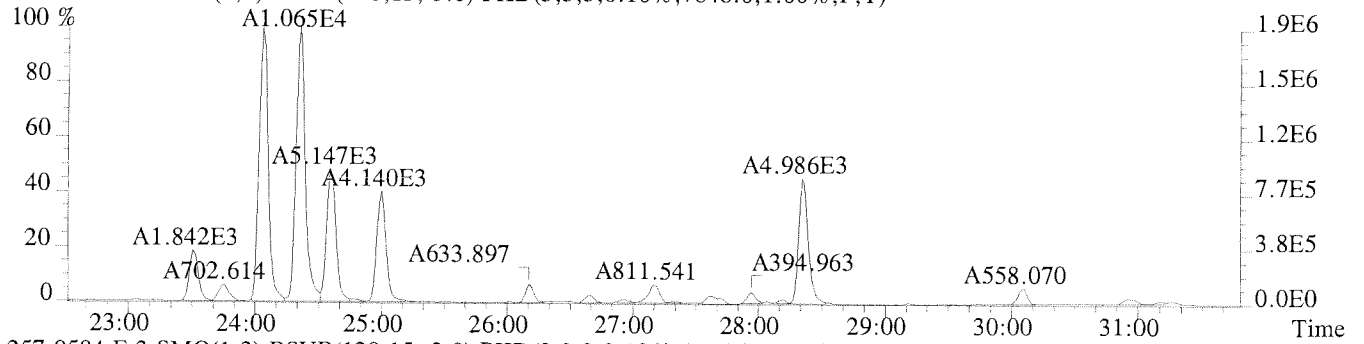


File:U224767 #1-337 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-015 USENRO021
255.9613 F:2

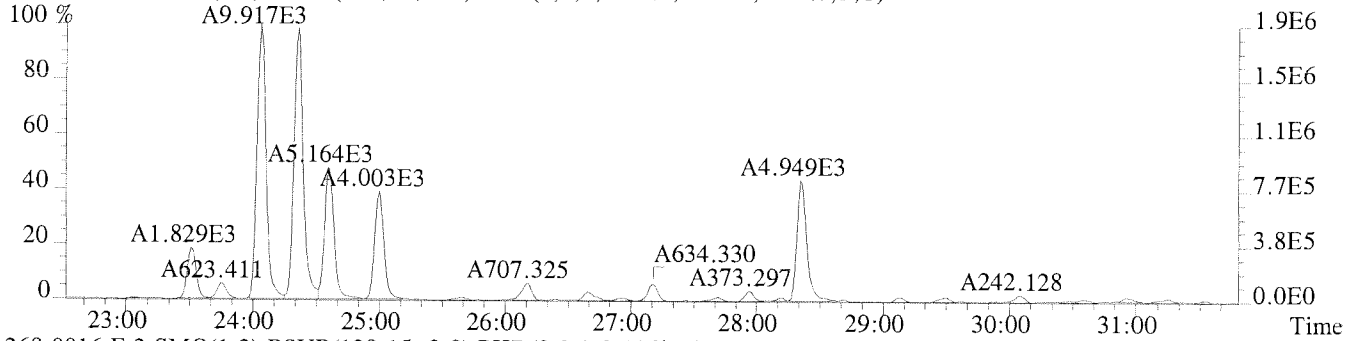


File:U224767 #1-594 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021

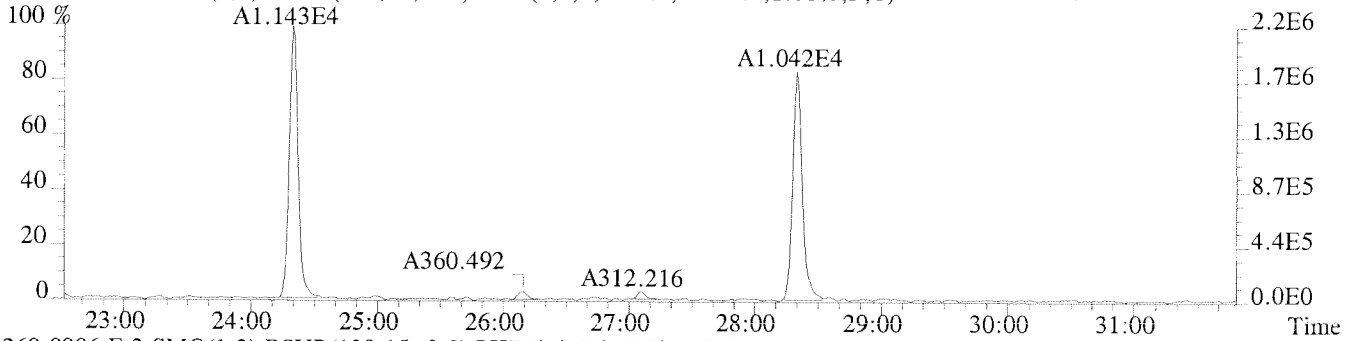
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7848.0,1.00%,F,T)



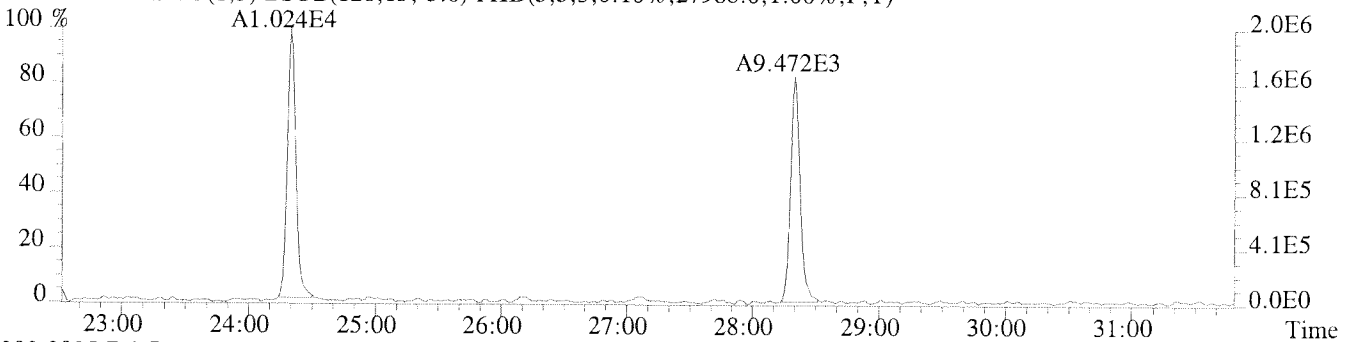
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4116.0,1.00%,F,T)



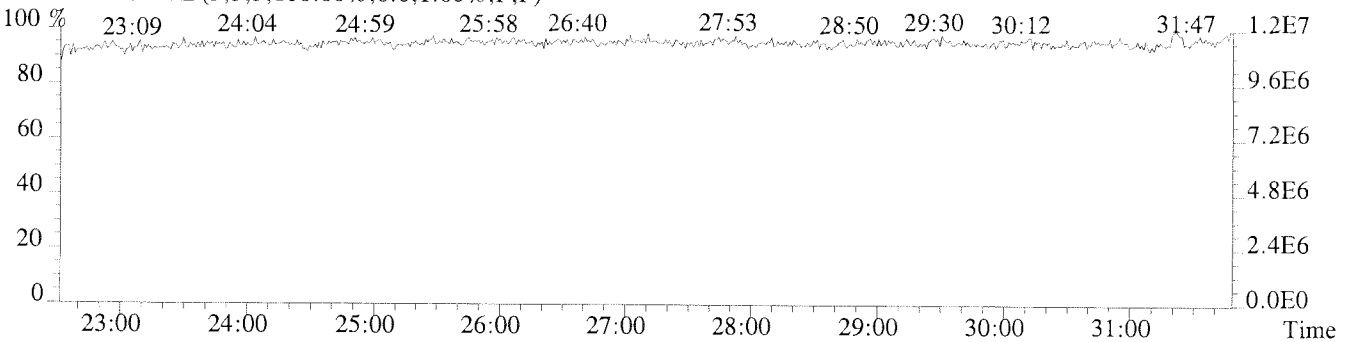
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,18124.0,1.00%,F,T)



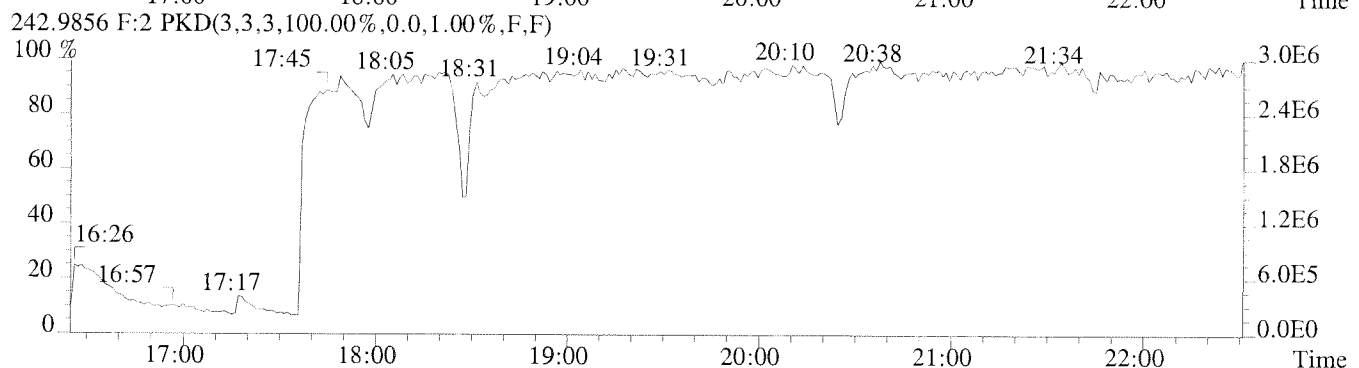
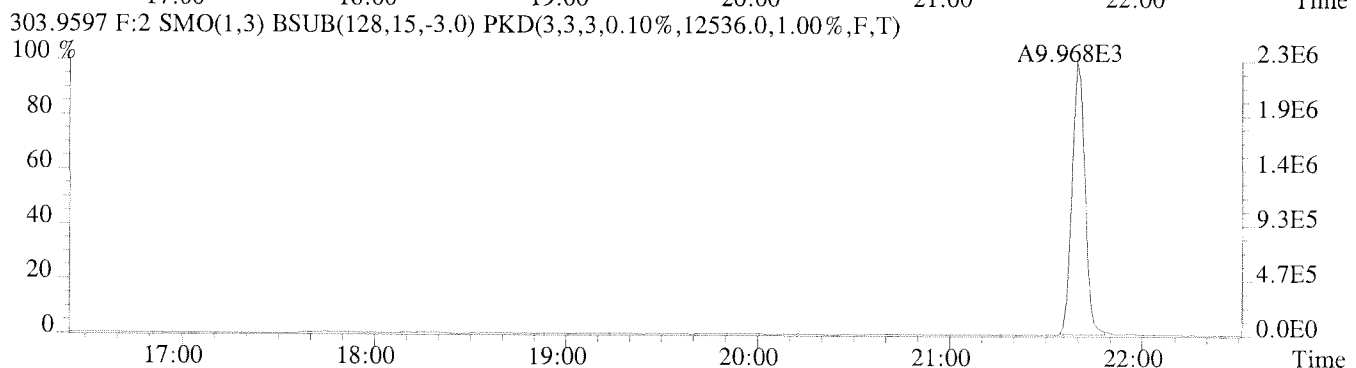
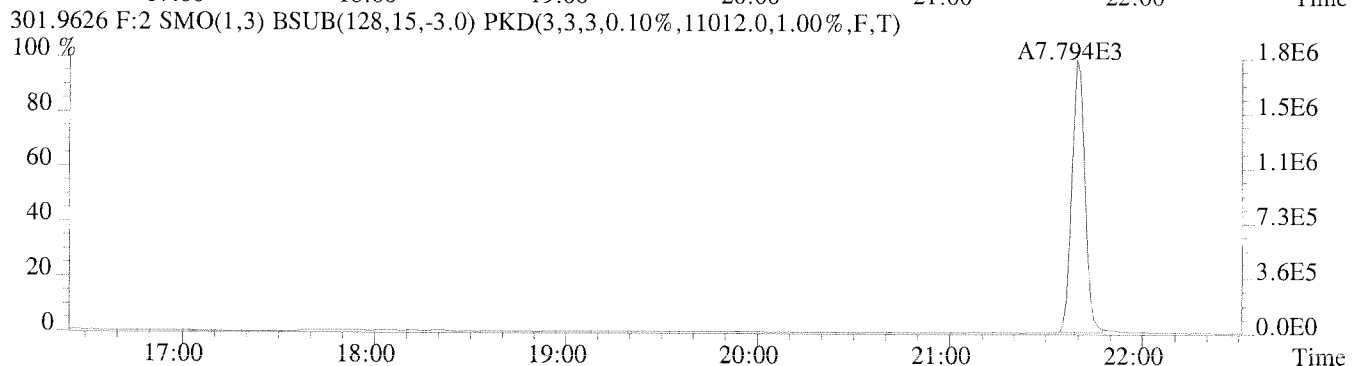
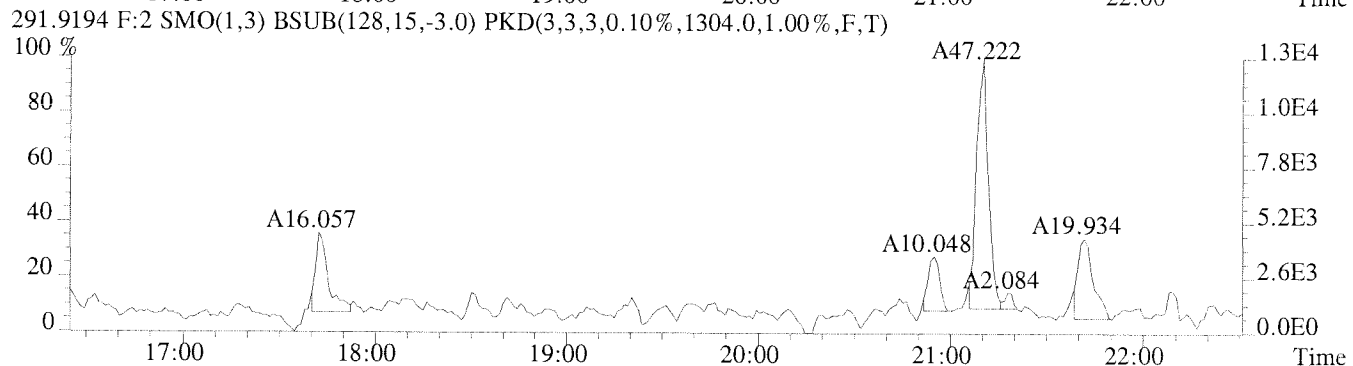
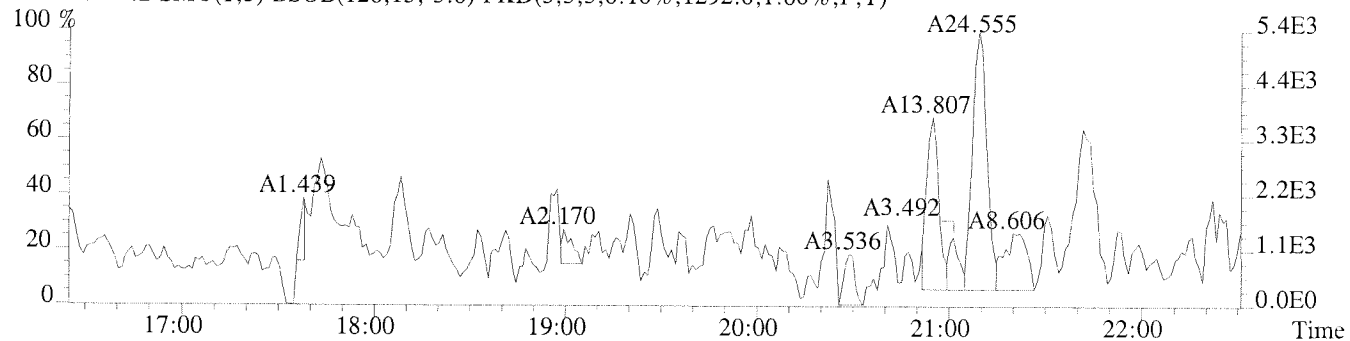
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,27988.0,1.00%,F,T)



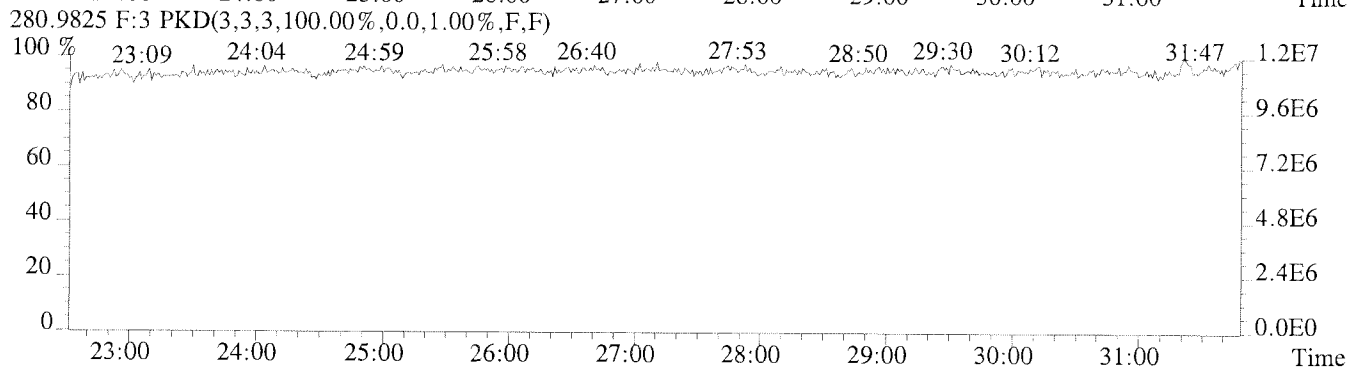
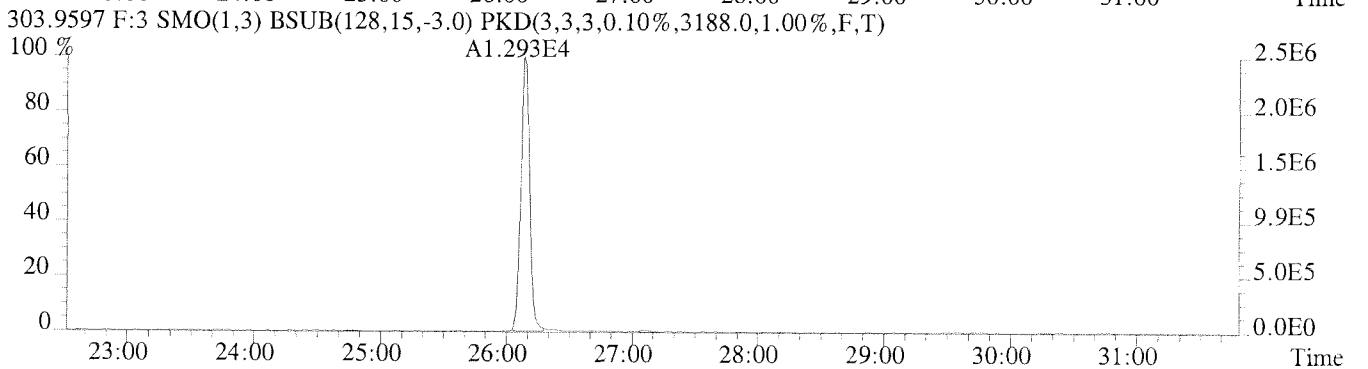
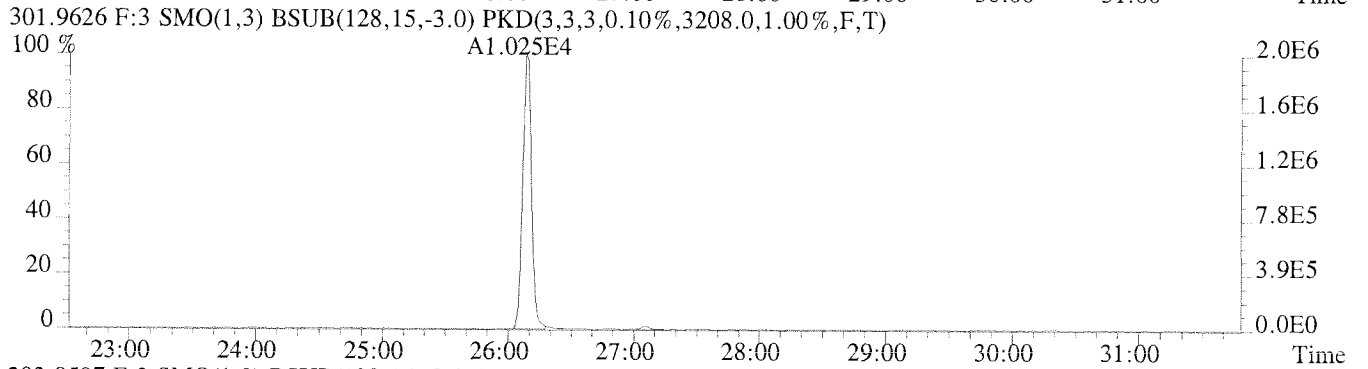
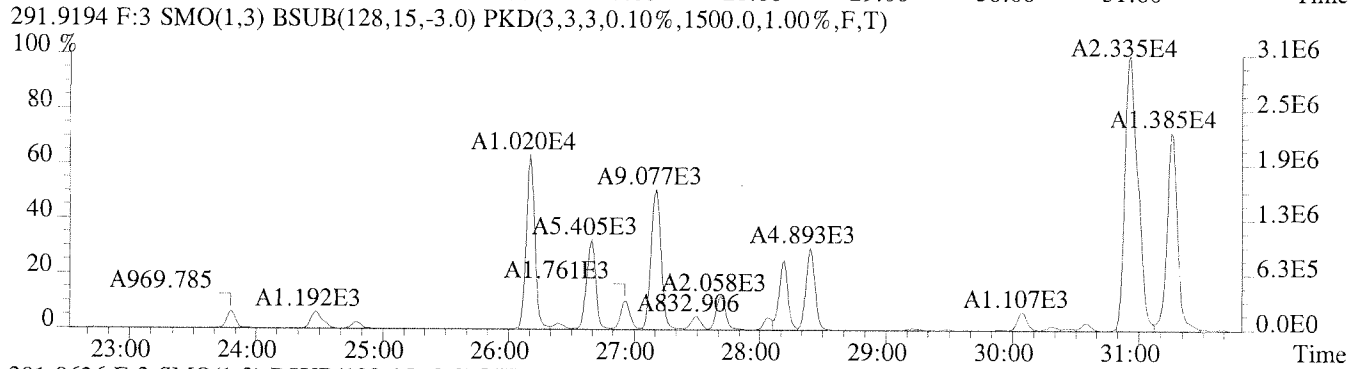
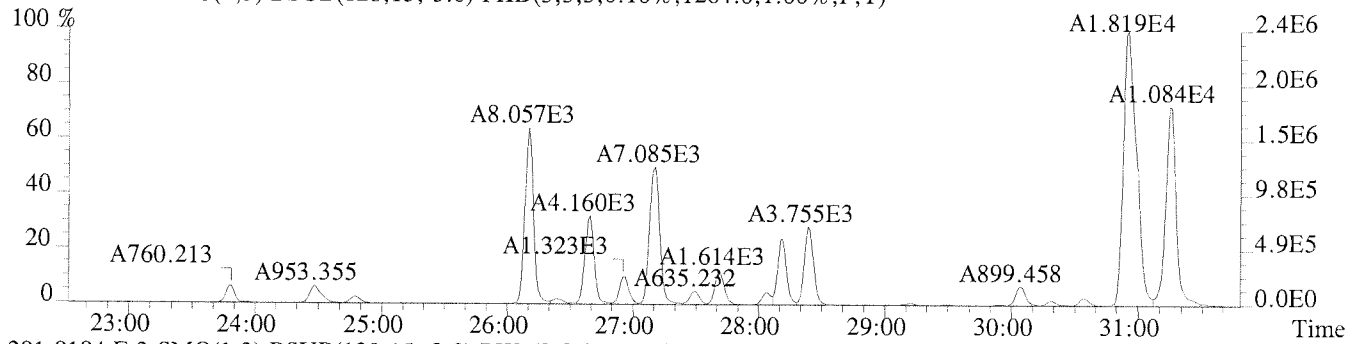
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



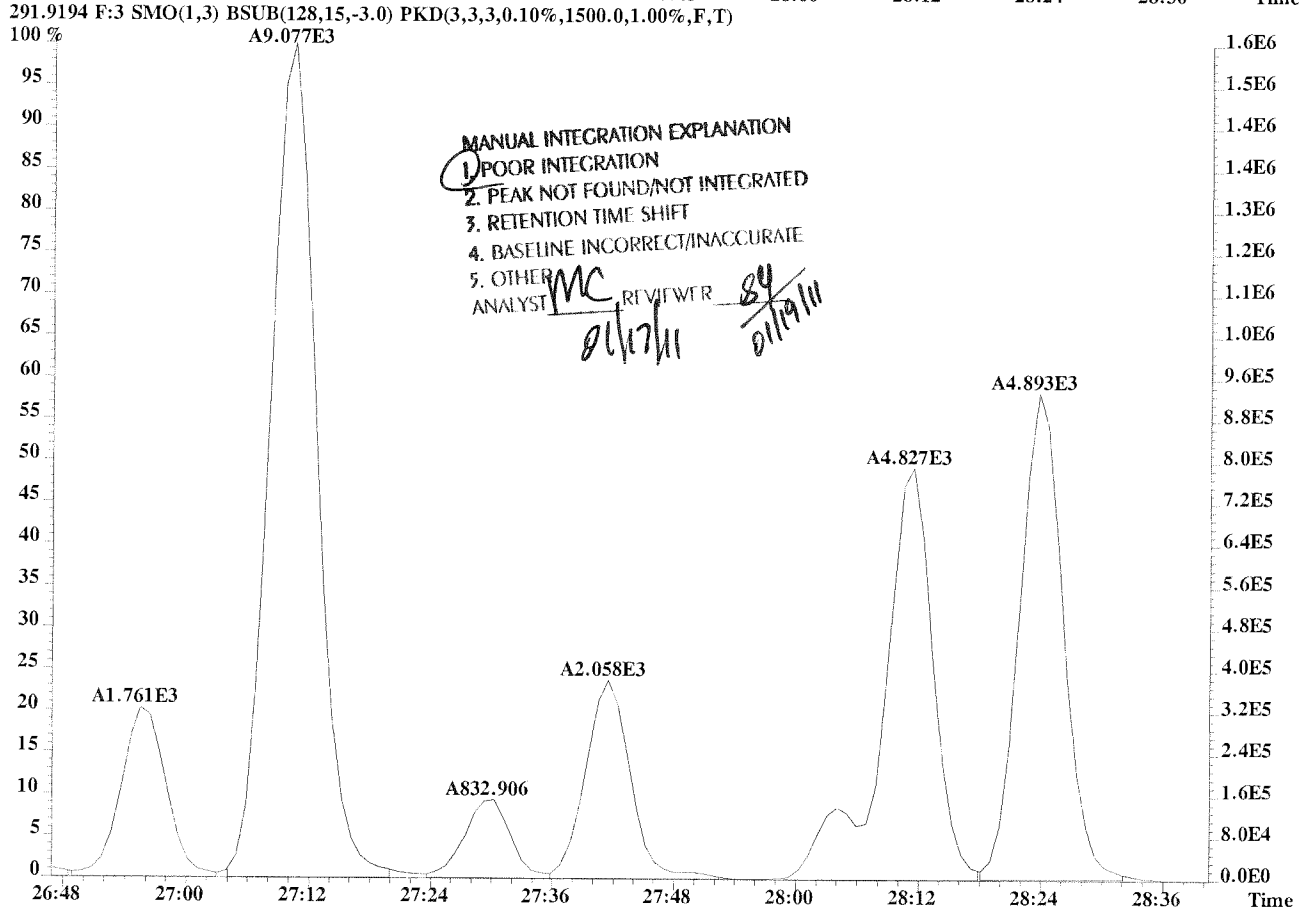
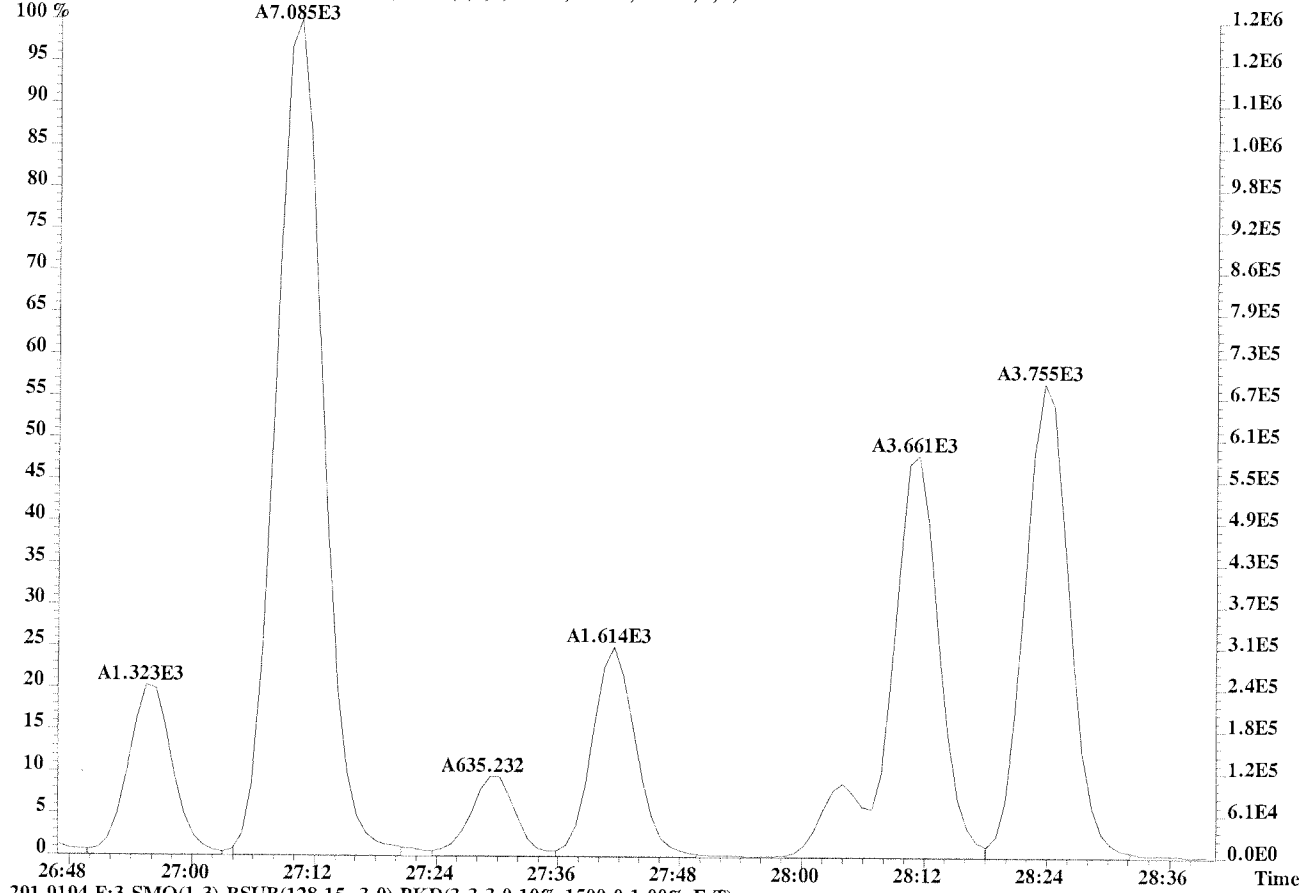
File:U224767 #1-337 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1292.0,1.00%,F,T)



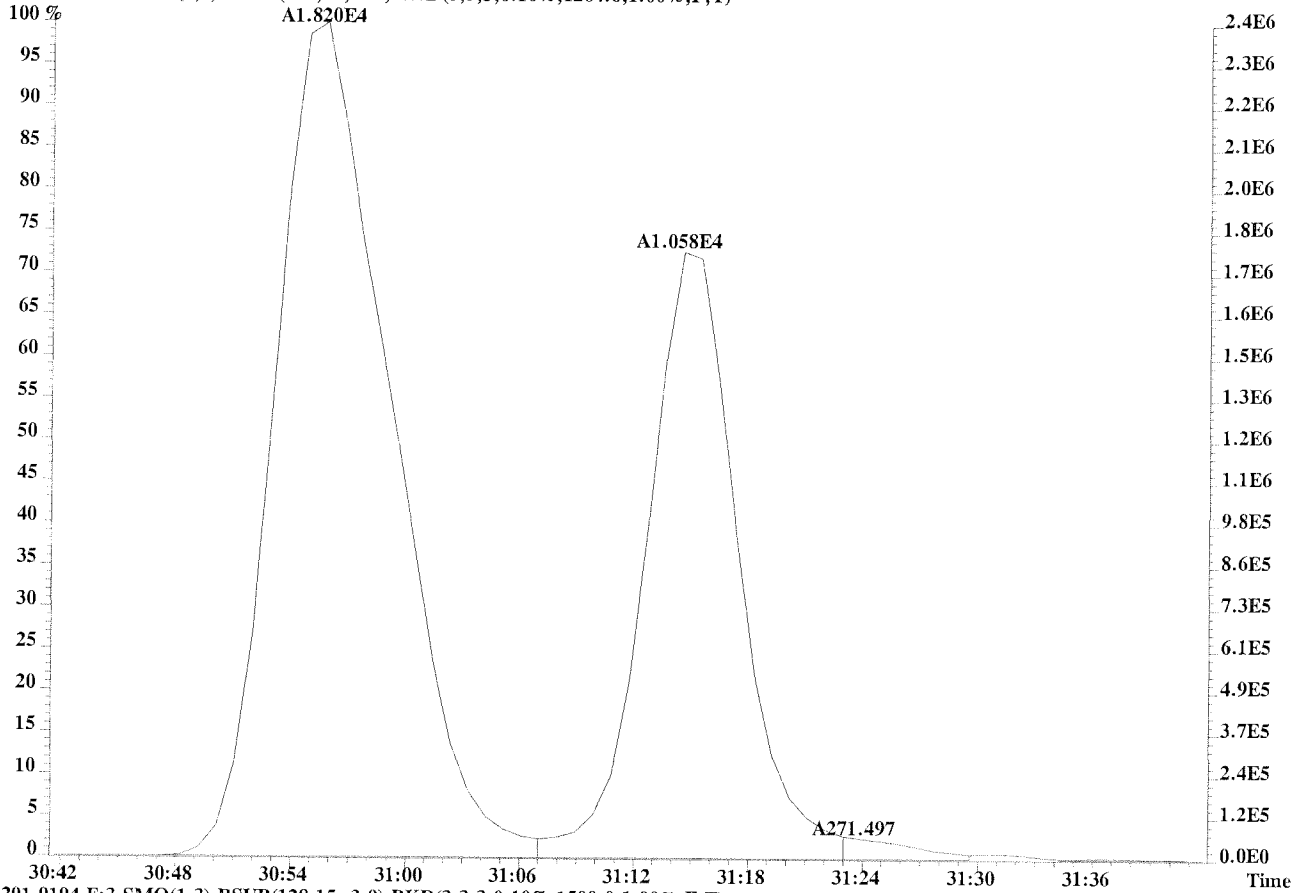
File:U224767 #1-594 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1264.0,1.00%,F,T)



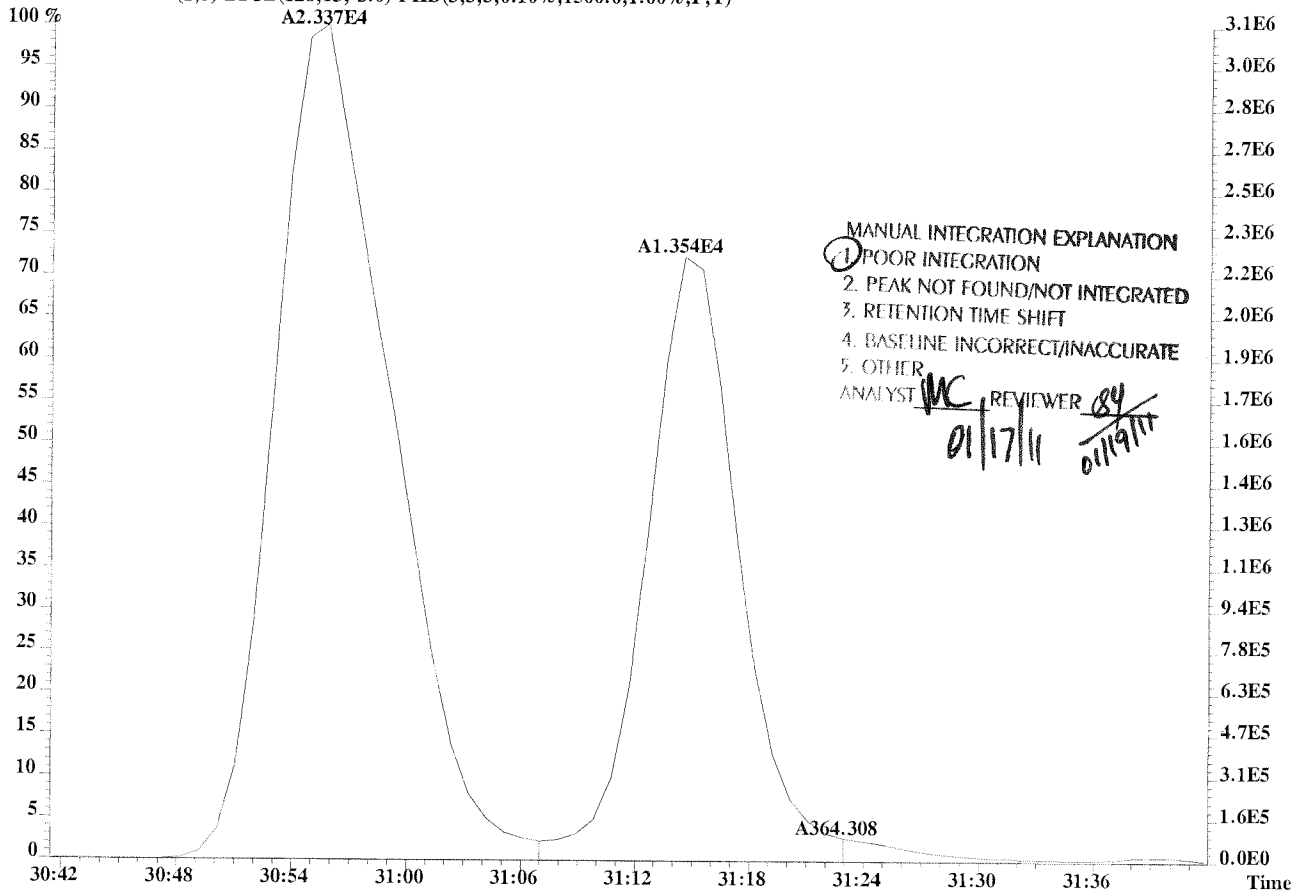
File:U224767 #1-594 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-015 USENRO021
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1264.0,1.00%,F,T)



File:U224767 #1-594 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-015 USENRO021
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1264.0,1.00%,F,T)

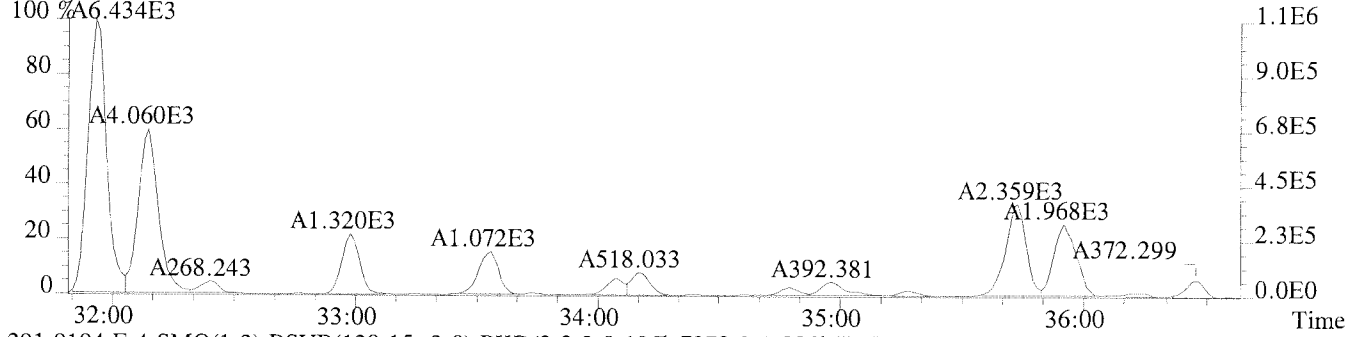


291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1500.0,1.00%,F,T)

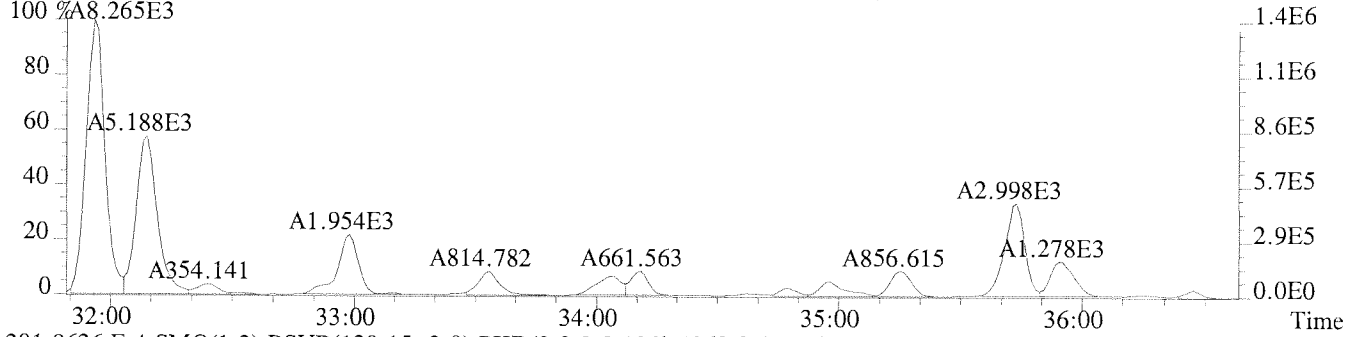


MANUAL INTEGRATION EXPLANATION
 ① POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER
 ANALYST *MC* REVIEWER *BY*
 01/17/11 01/19/11

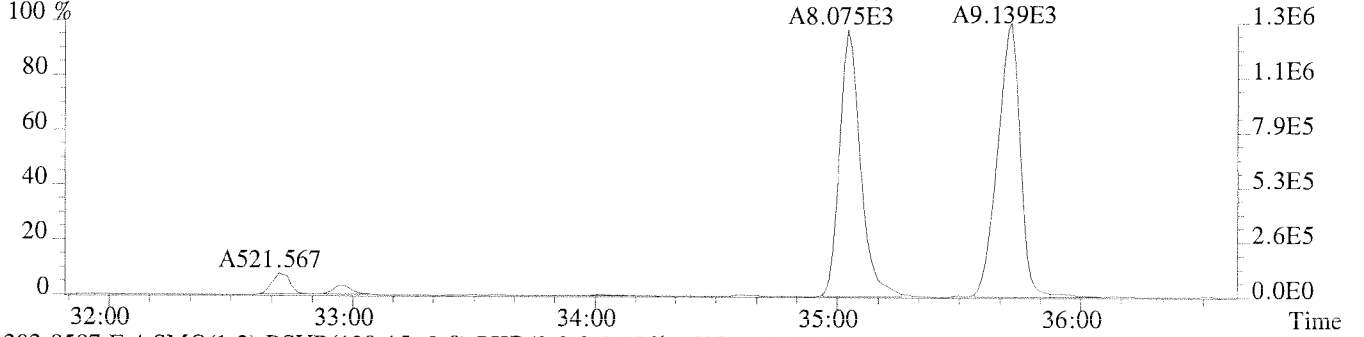
File:U224767 #1-309 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-015 USENRO021
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4152.0,1.00%,F,T)
 100 %A6.434E3



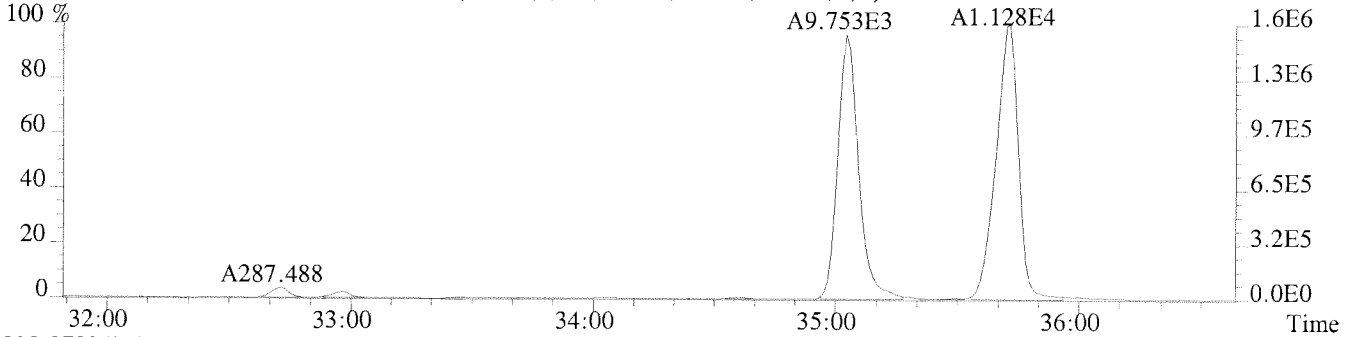
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7272.0,1.00%,F,T)
 100 %A8.265E3



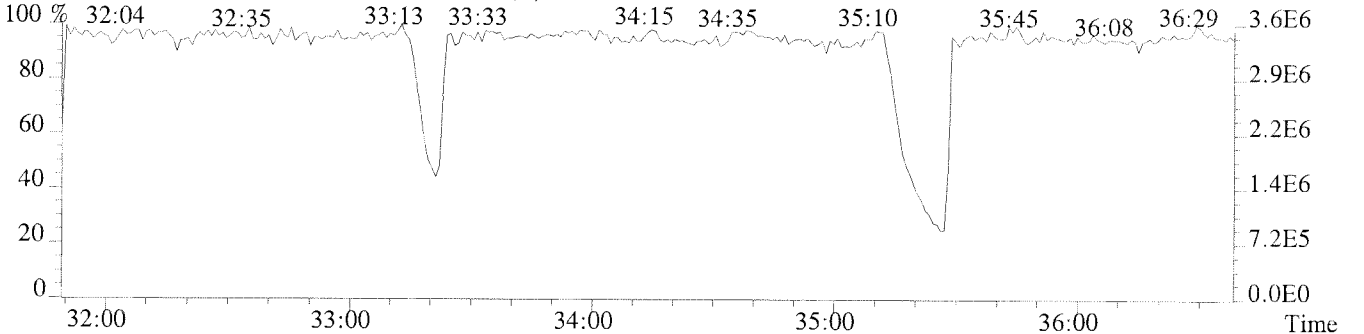
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4268.0,1.00%,F,T)
 100 %



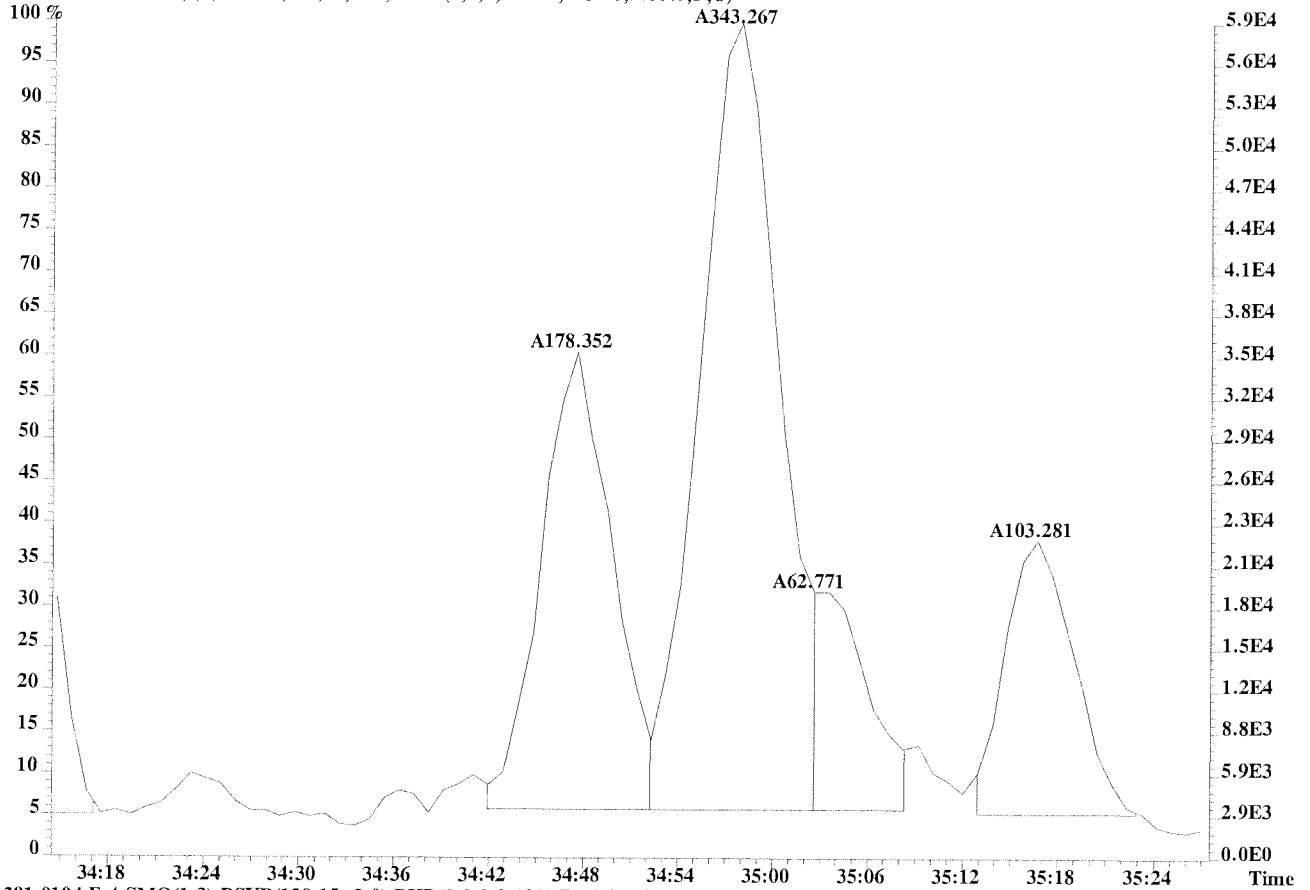
303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4528.0,1.00%,F,T)
 100 %



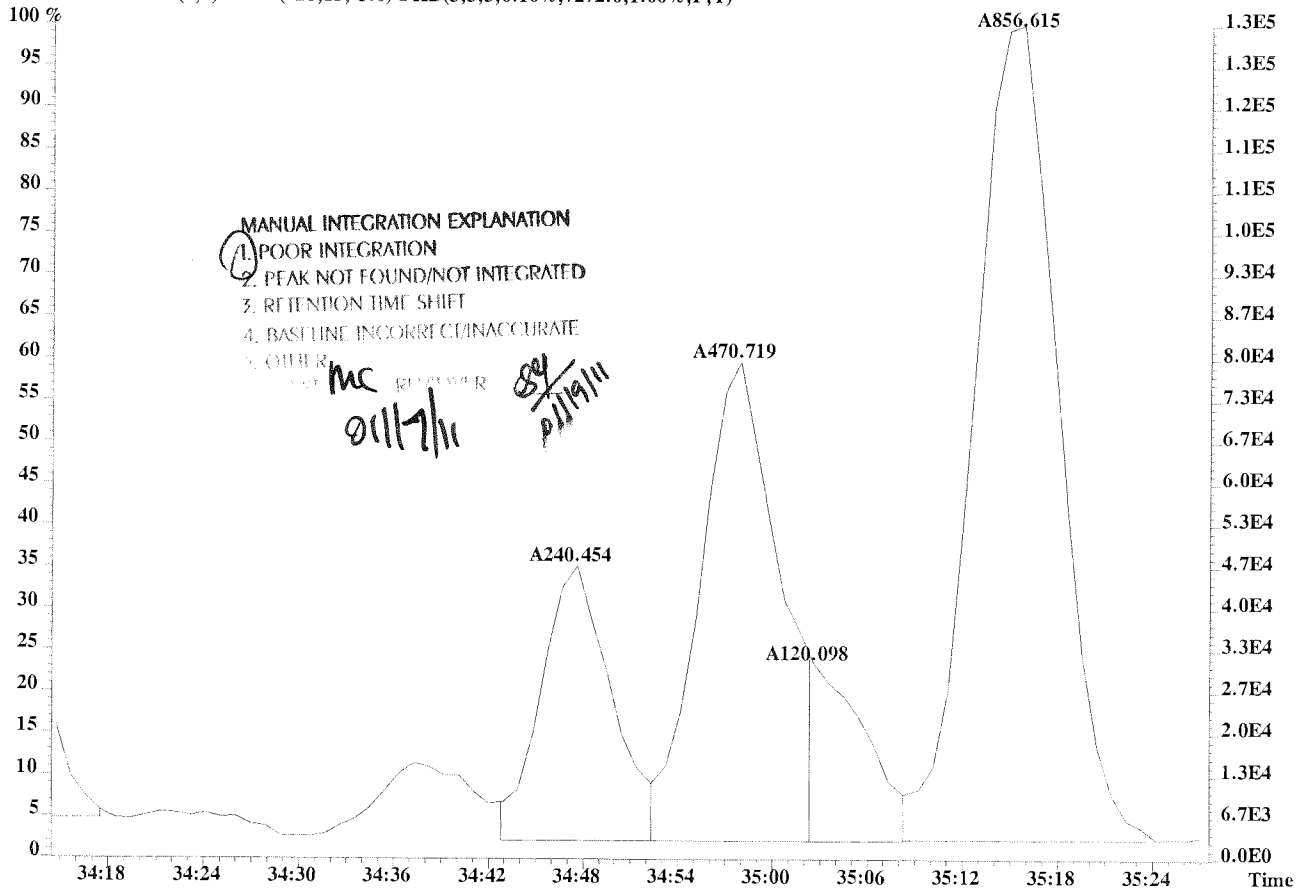
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

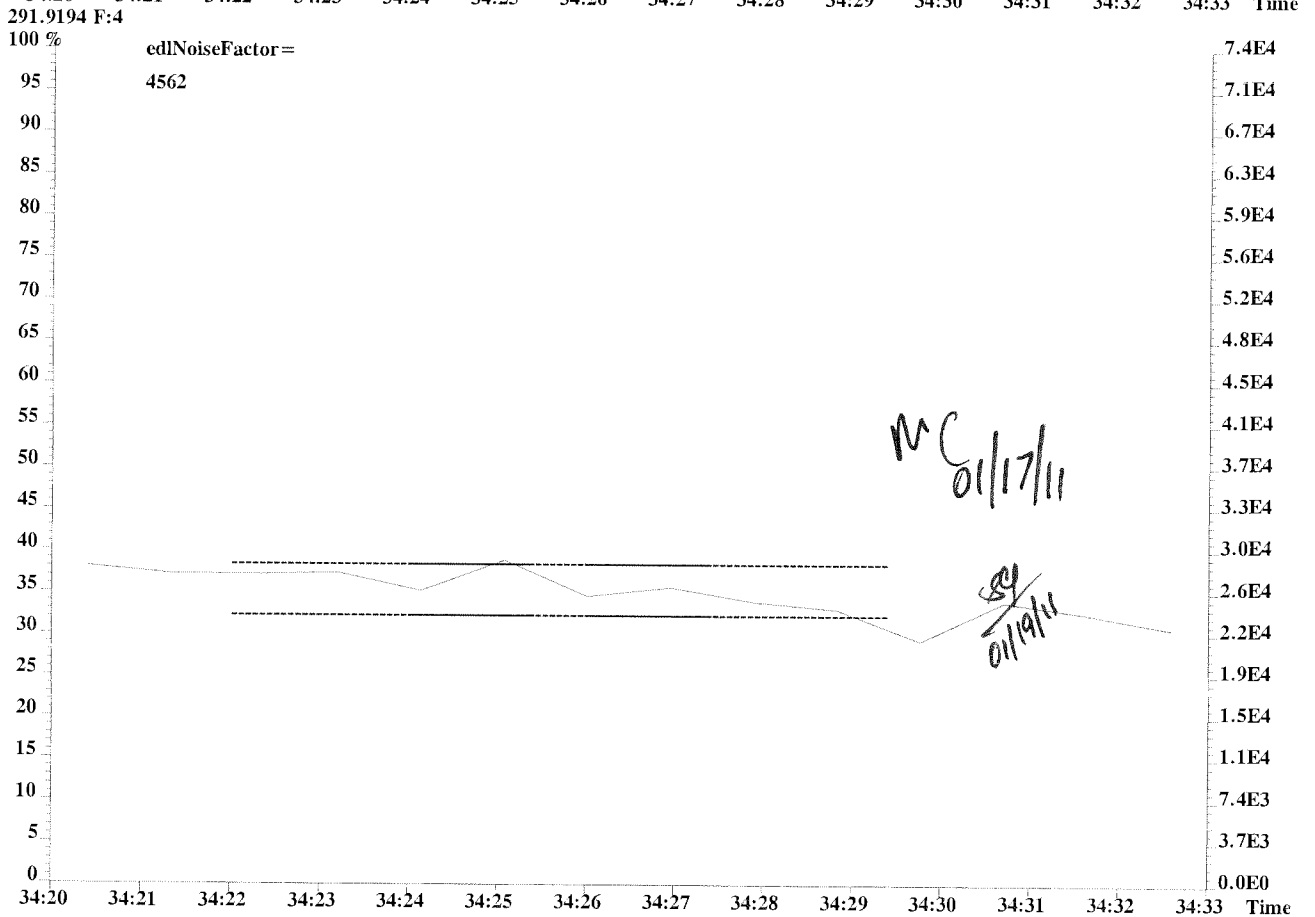
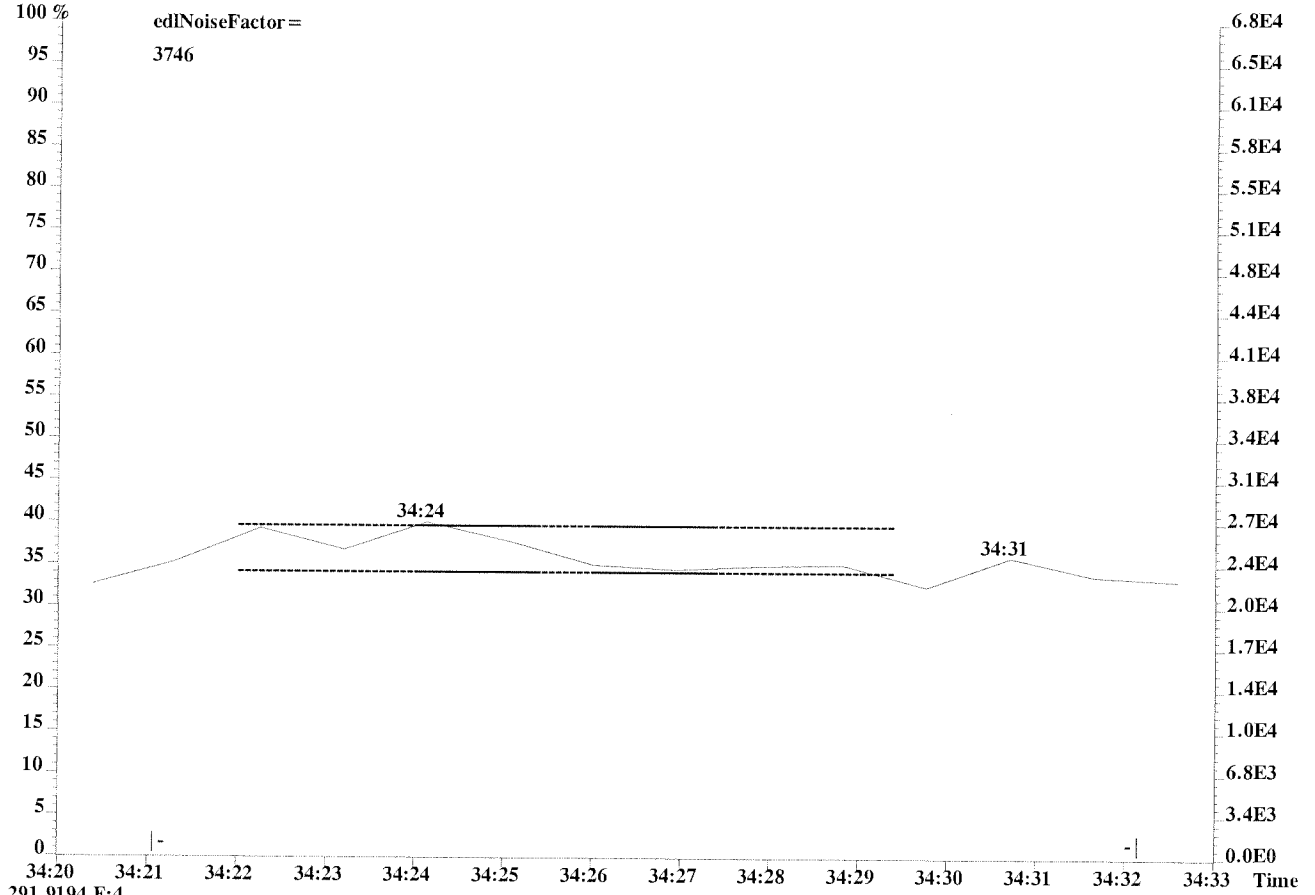


File:U224767 #1-309 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-015 USENRO021
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4152.0,1.00%,F,T)

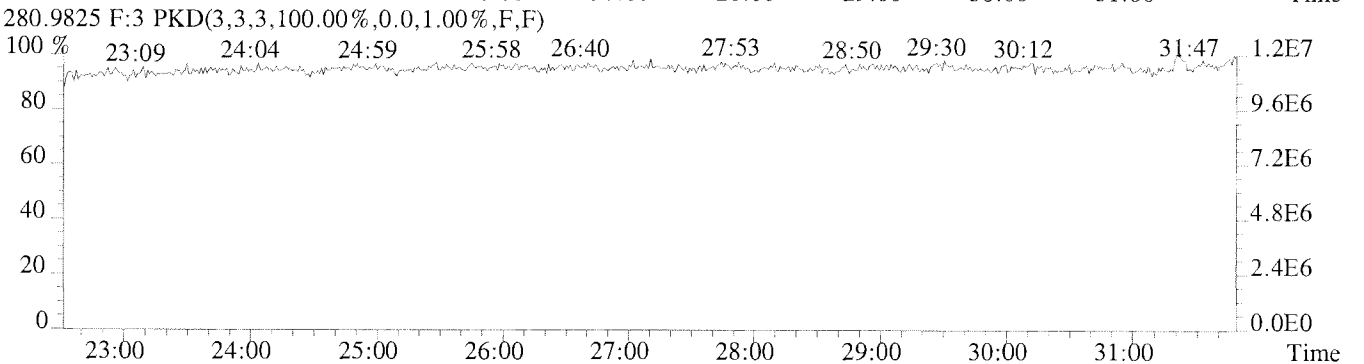
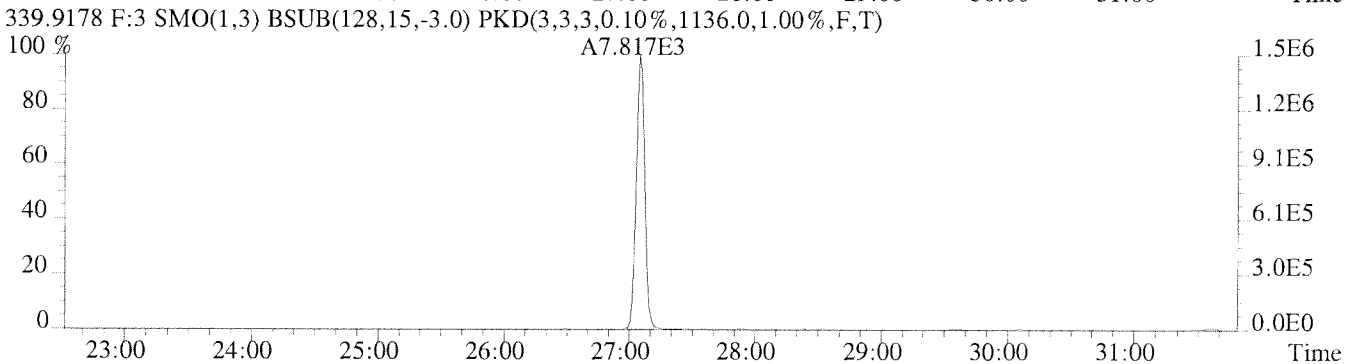
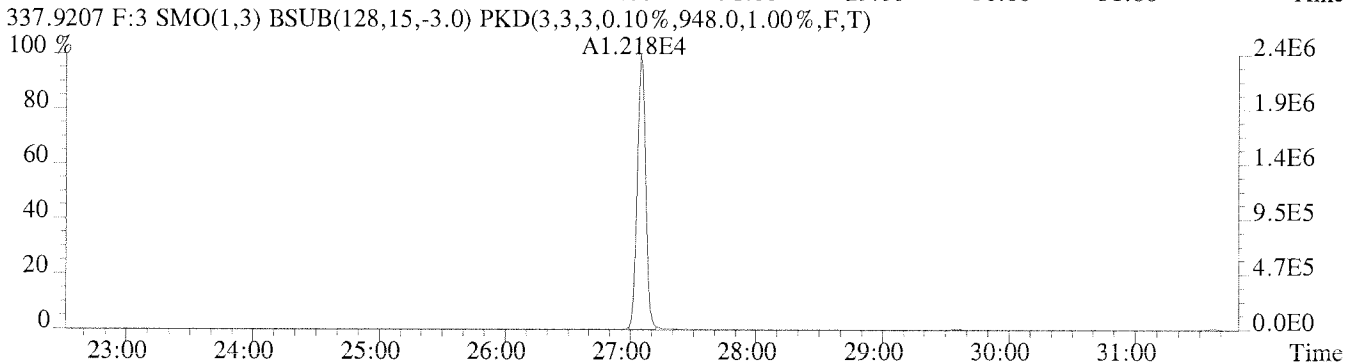
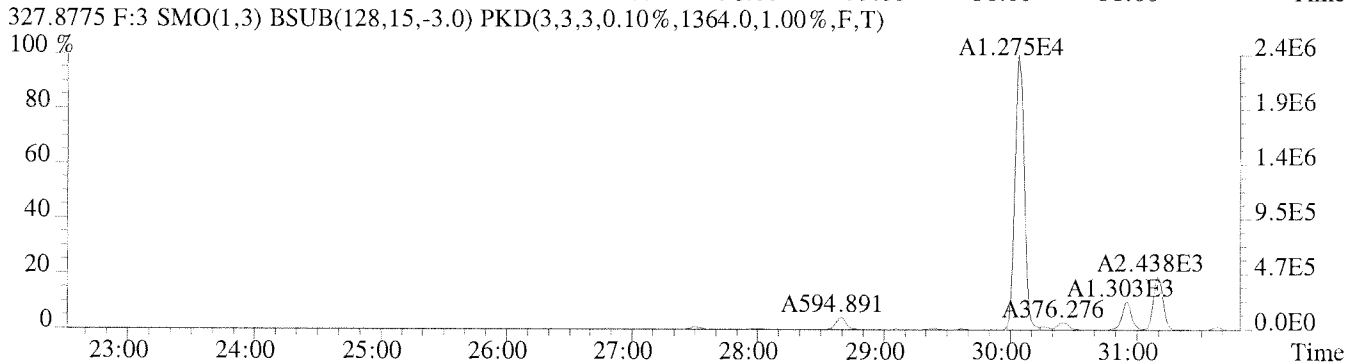
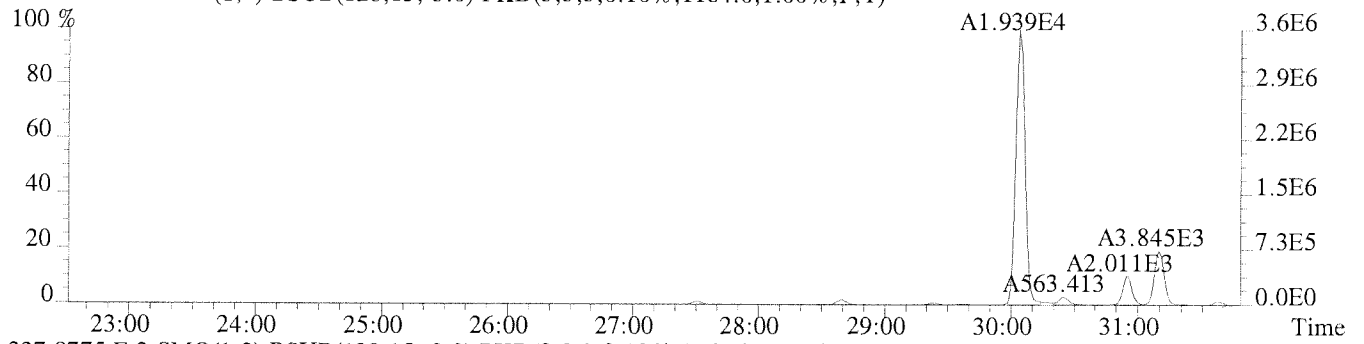


291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7272.0,1.00%,F,T)

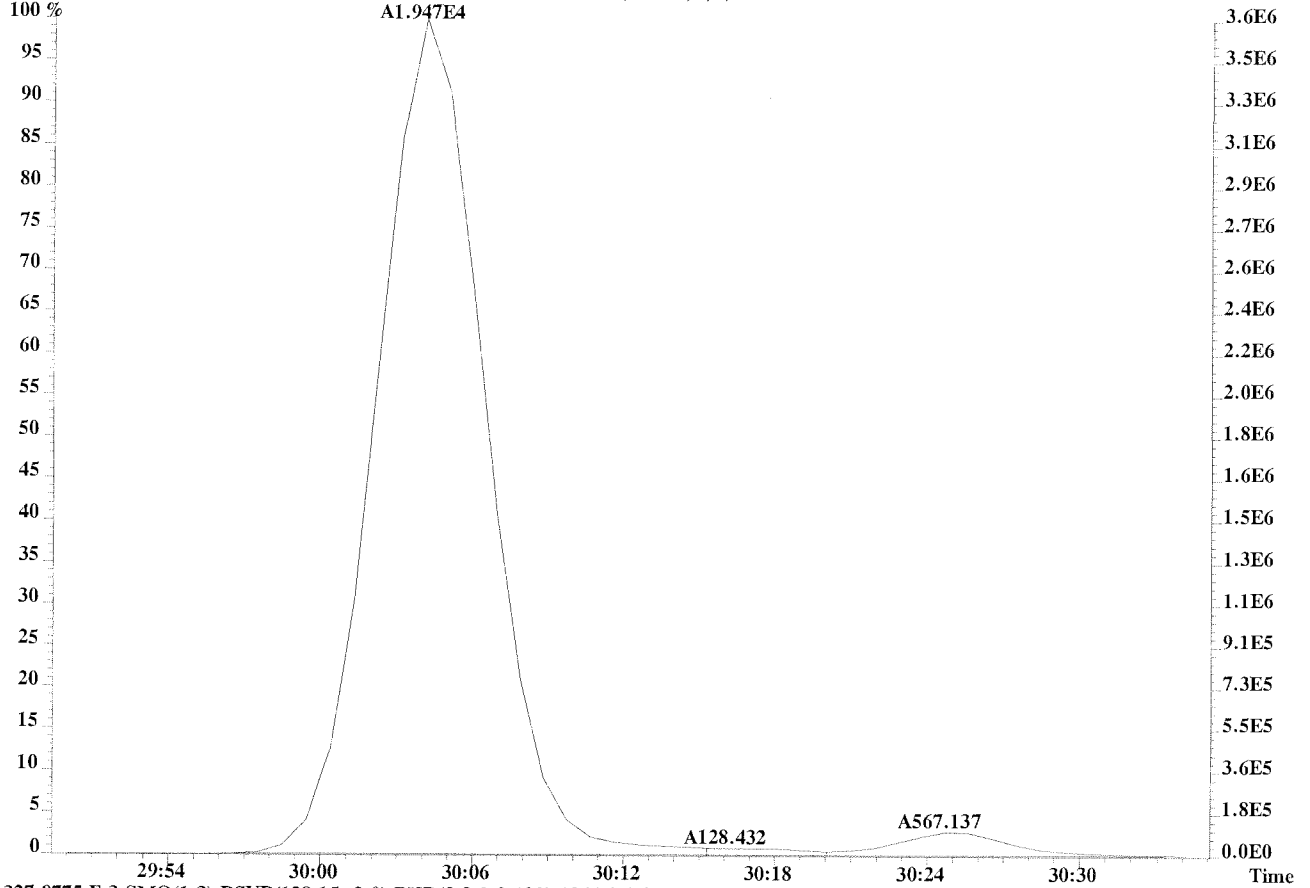




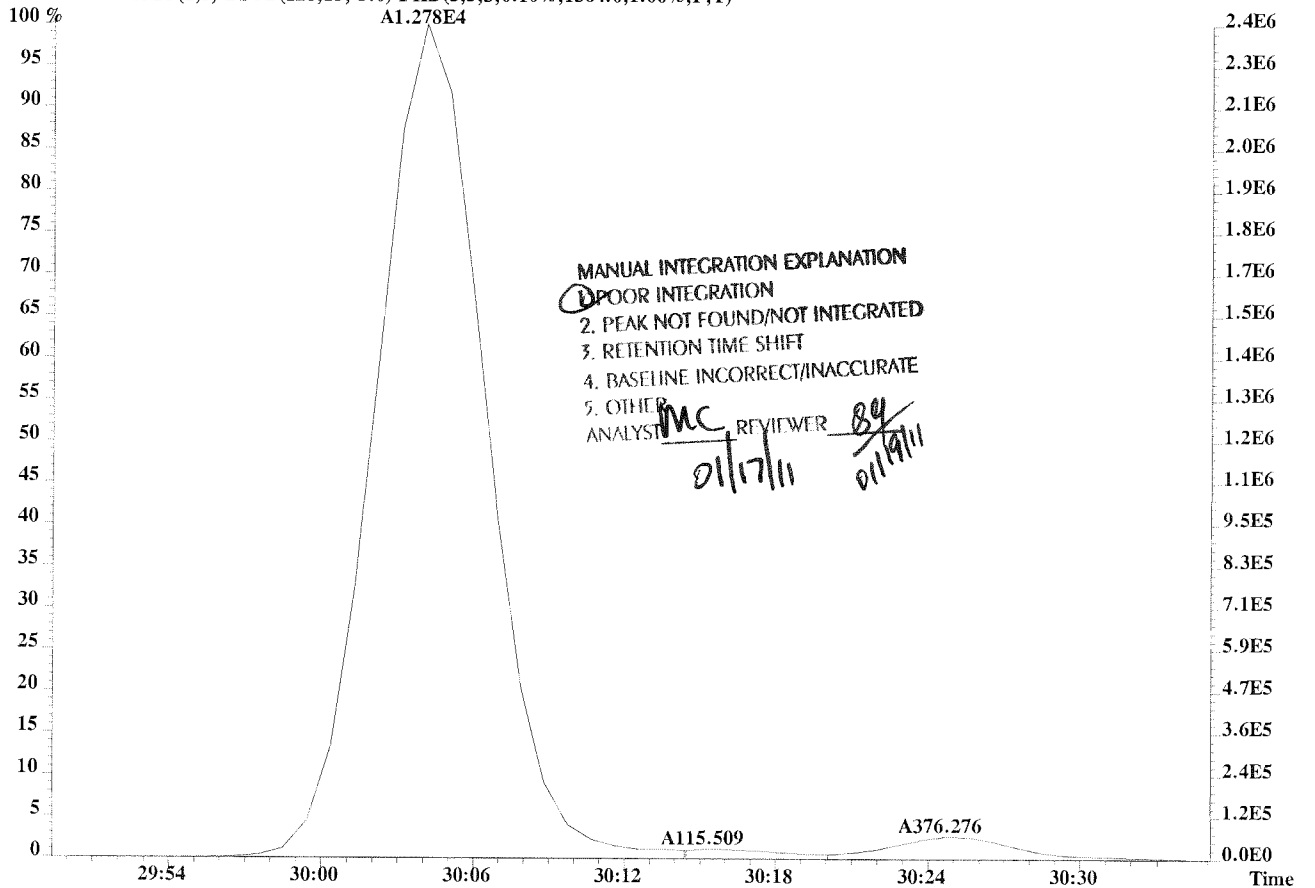
File:U224767 #1-594 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)



File:U224767 #1-594 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-015 USENRO021
 325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)

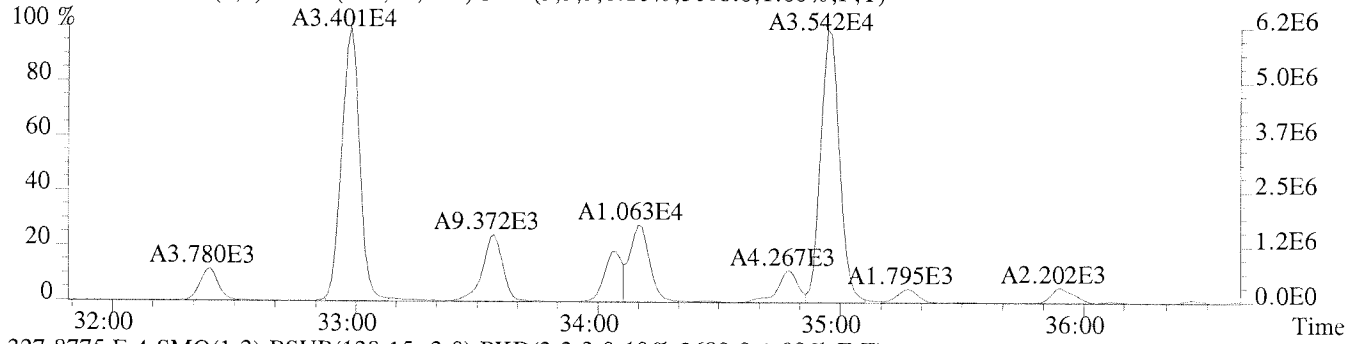


327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1364.0,1.00%,F,T)

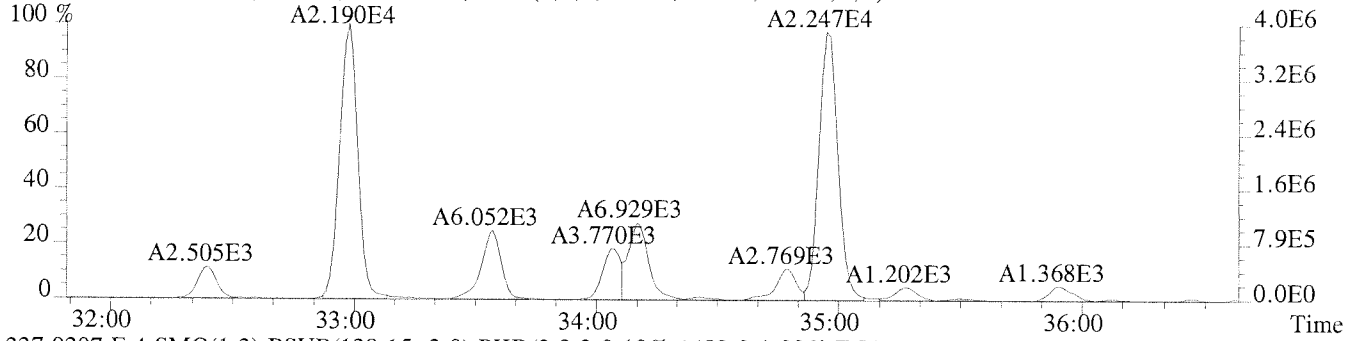


File:U224767 #1-309 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021

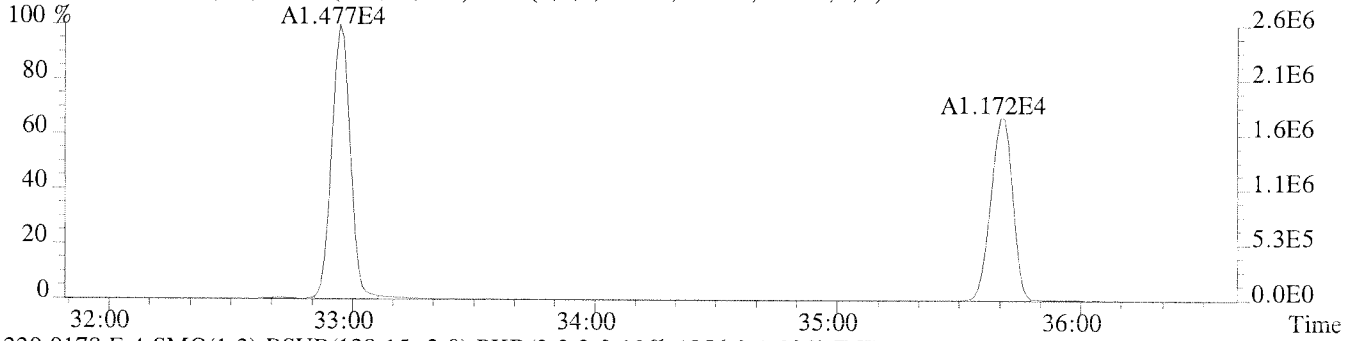
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3068.0,1.00%,F,T)



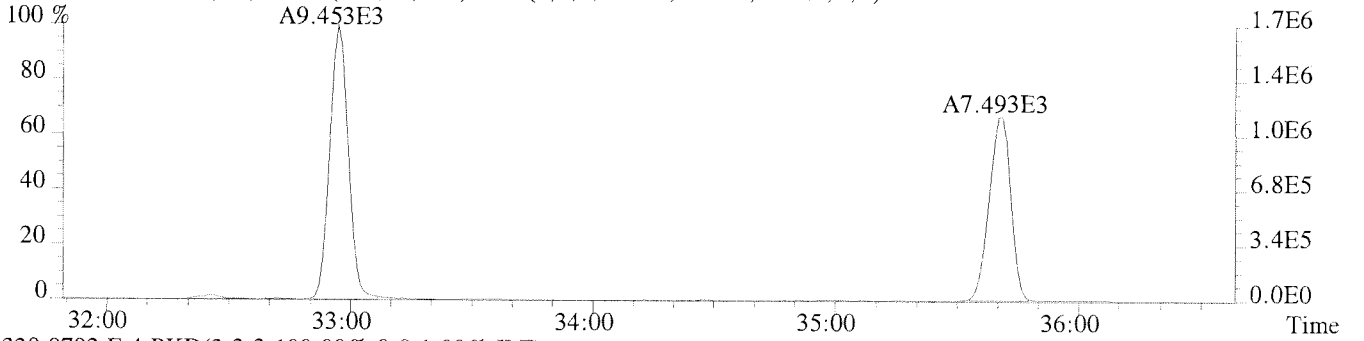
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2680.0,1.00%,F,T)



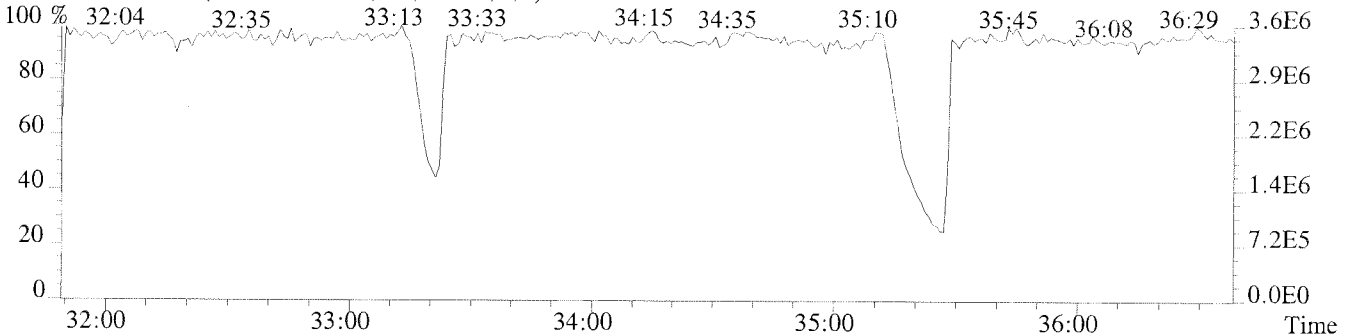
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1488.0,1.00%,F,T)



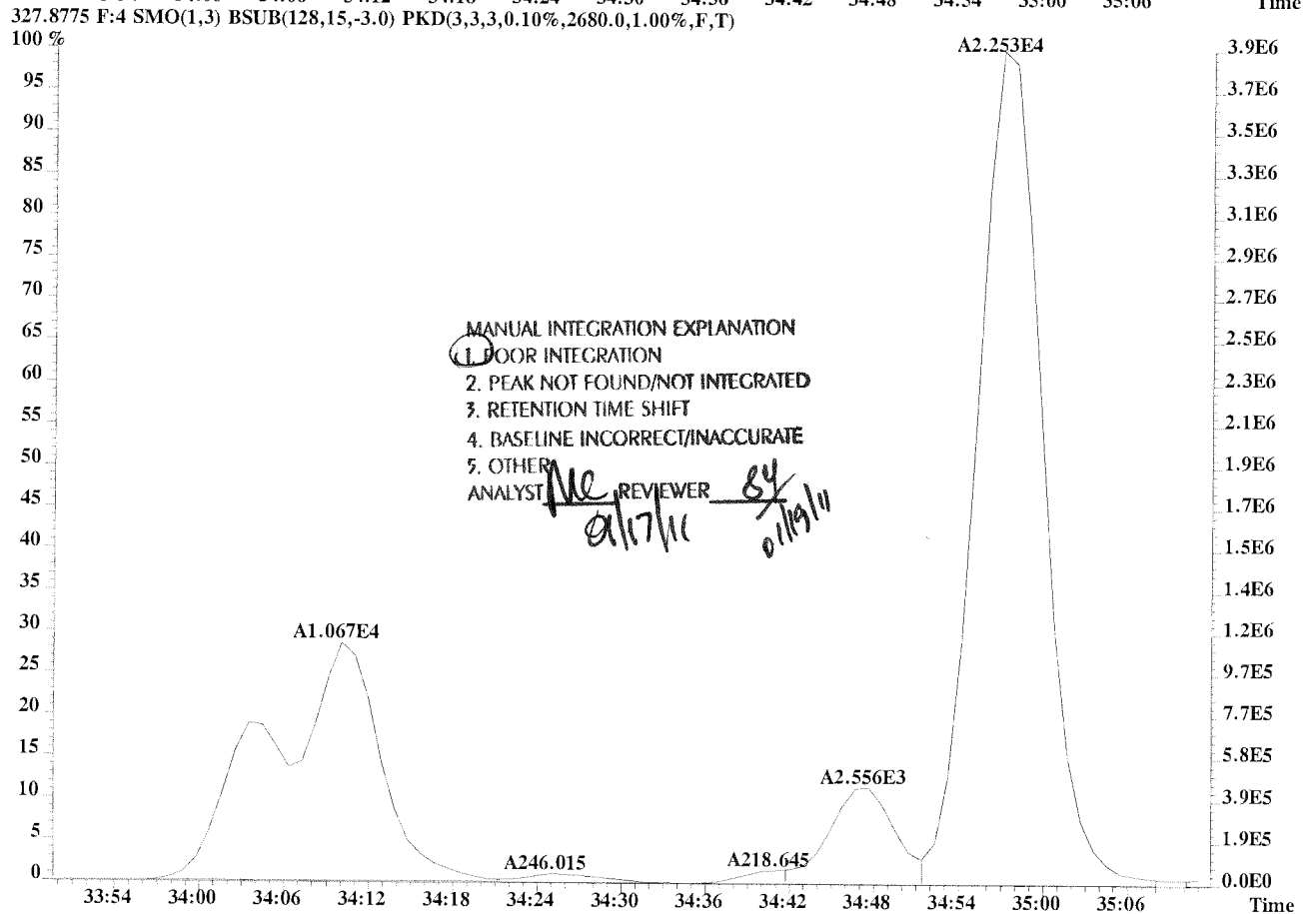
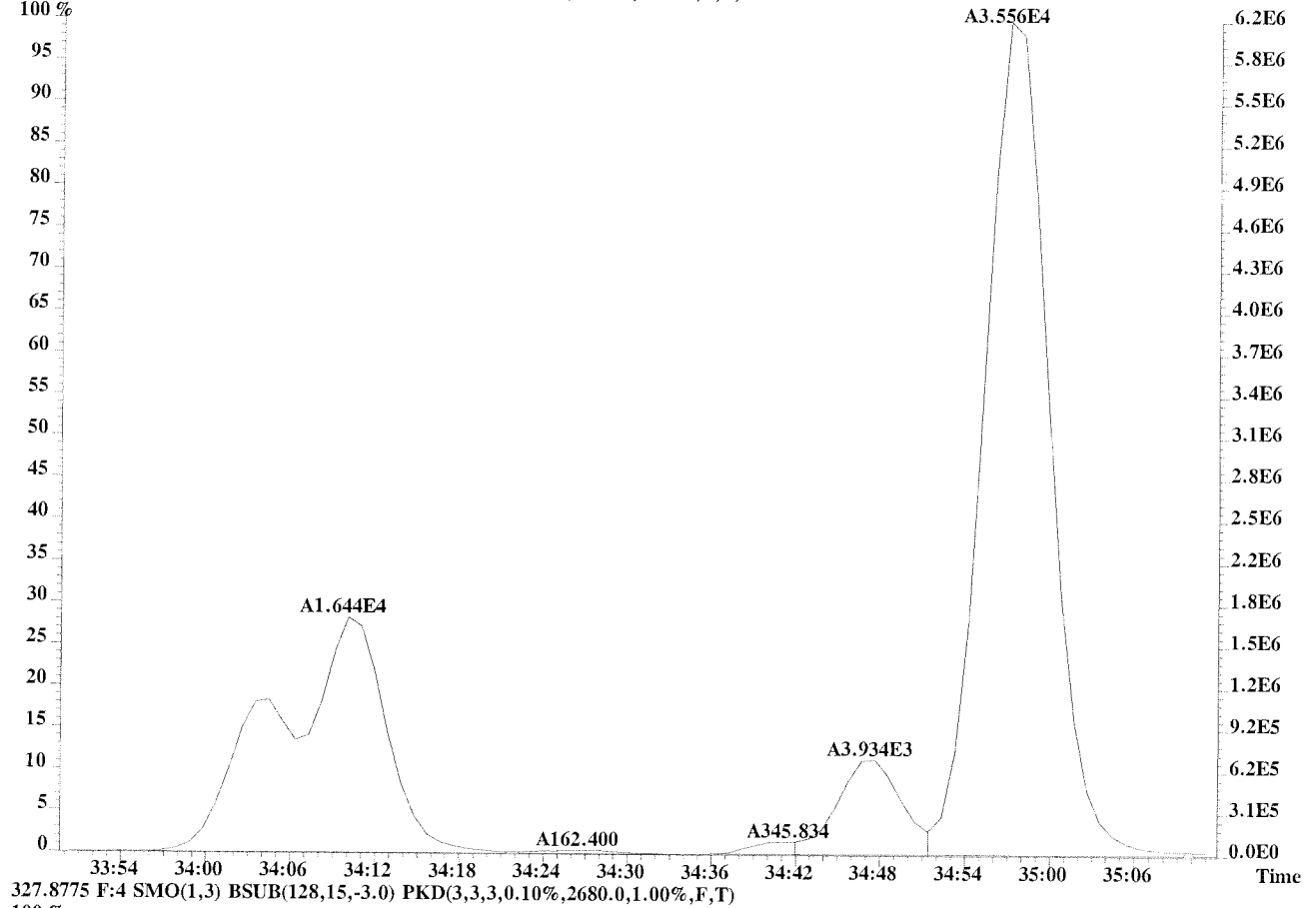
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1856.0,1.00%,F,T)



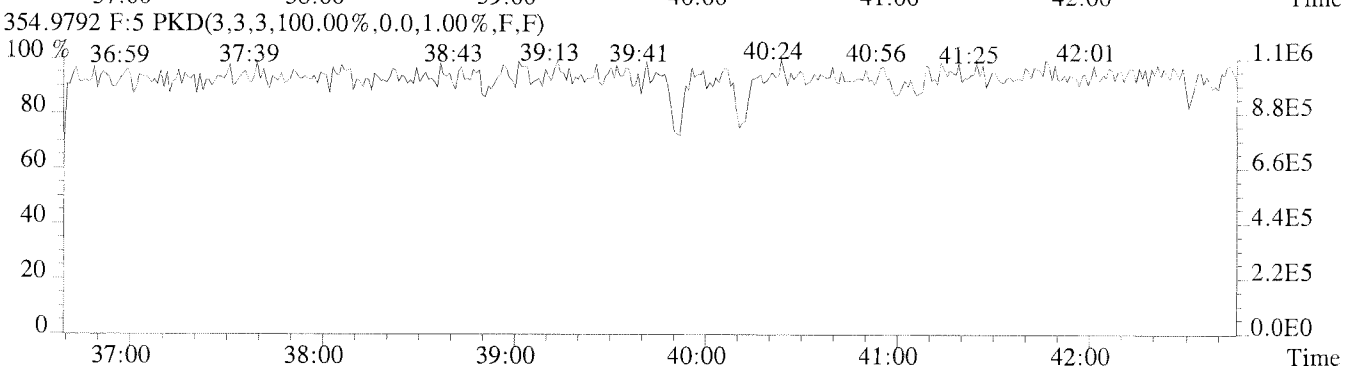
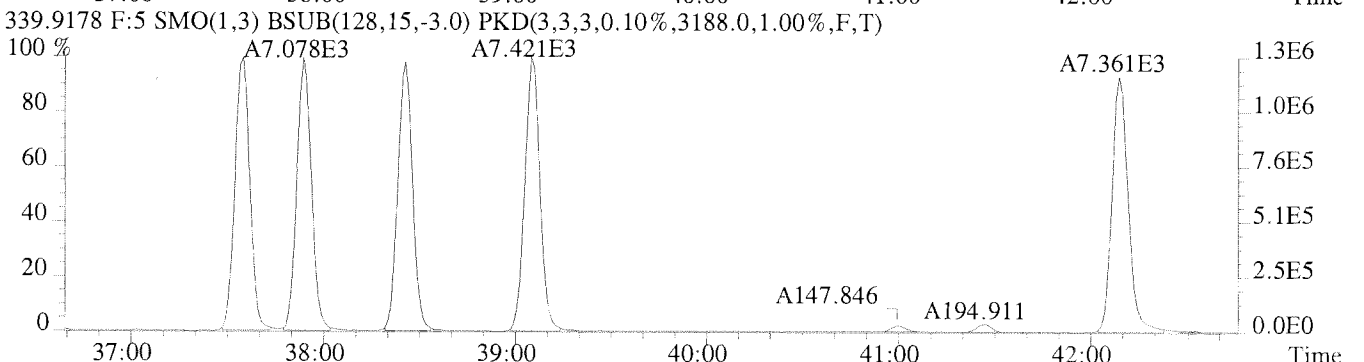
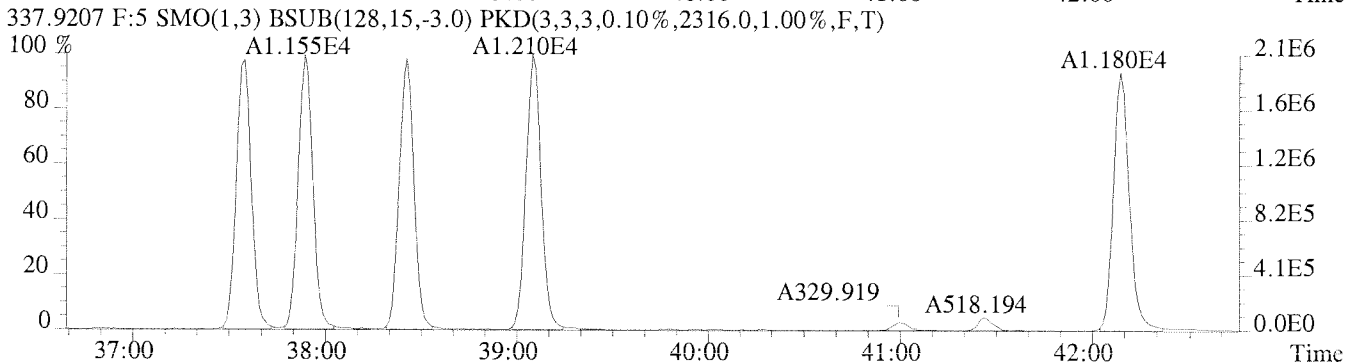
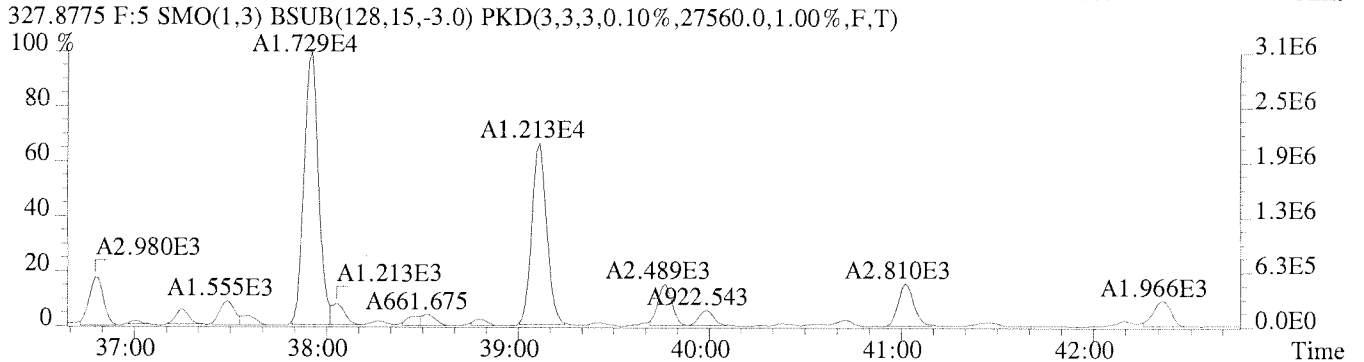
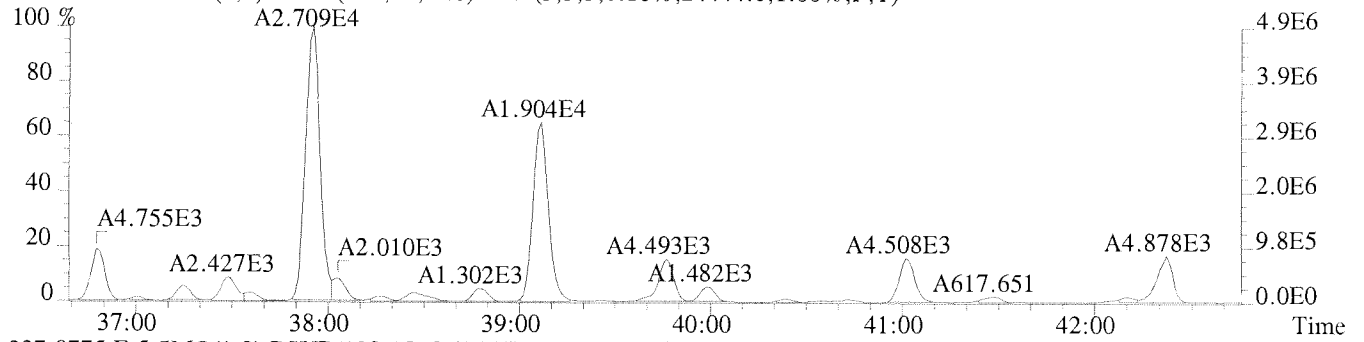
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



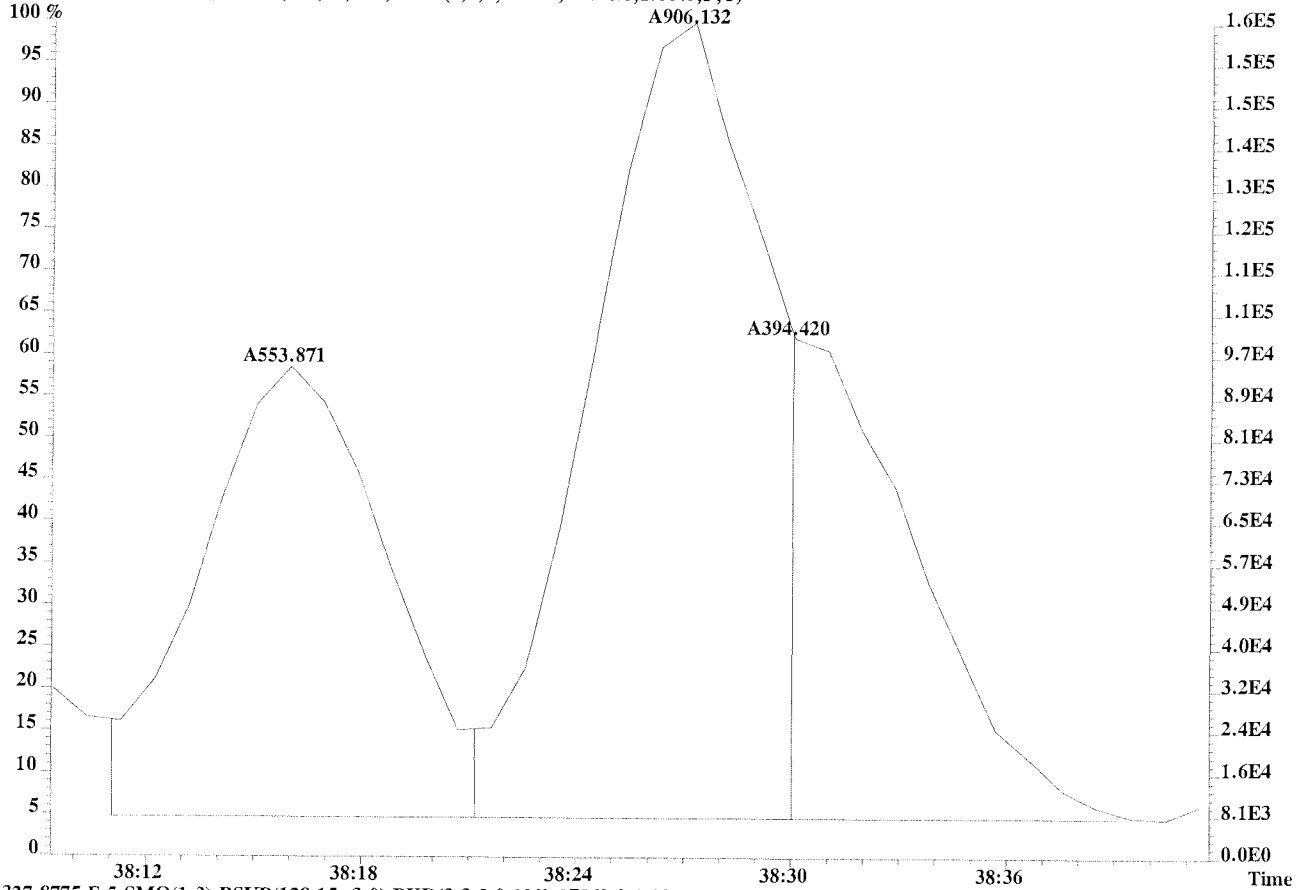
File:U224767 #1-309 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-015 USENRO021
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3068.0,1.00%,F,T)
 100 %



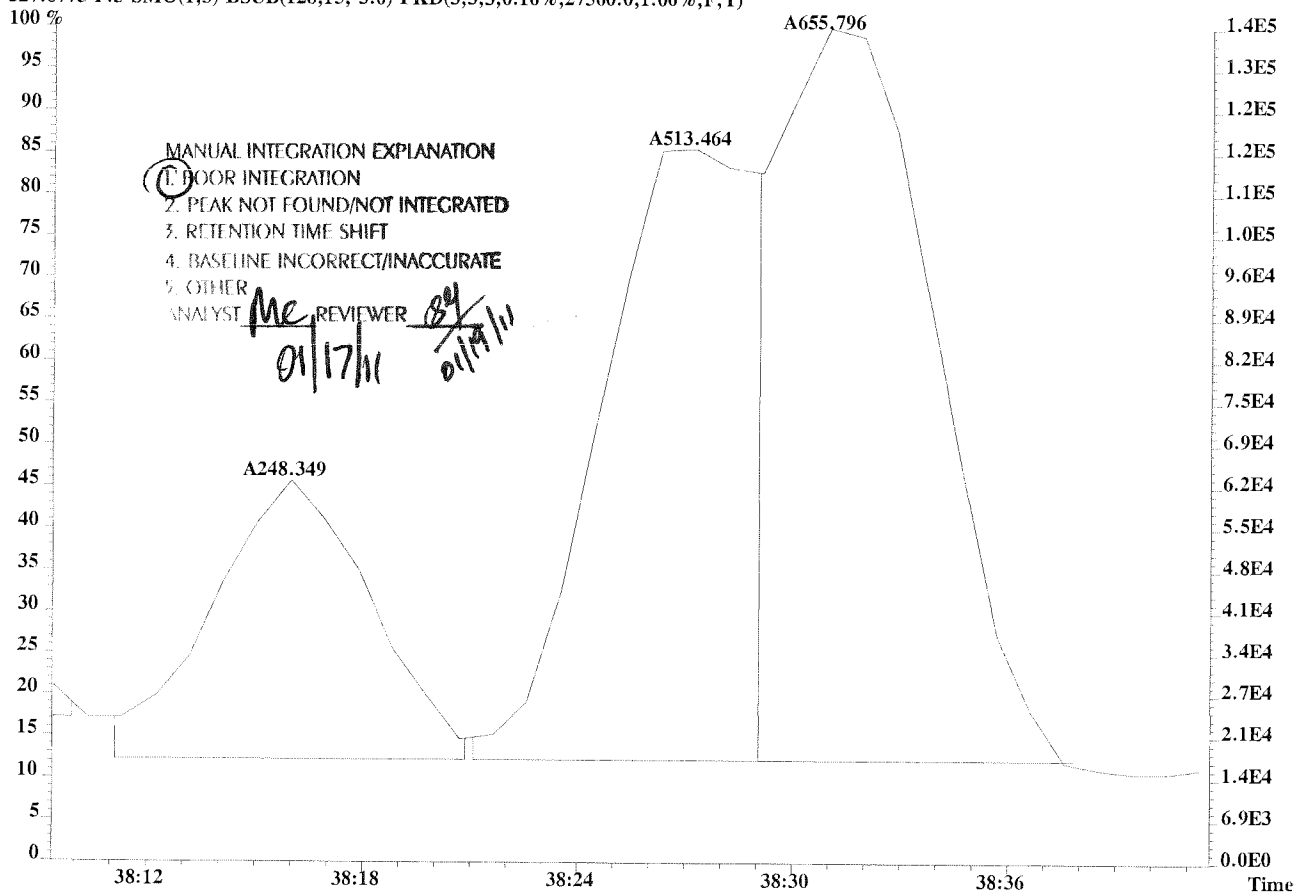
File:U224767 #1-391 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,24444.0,1.00%,F,T)



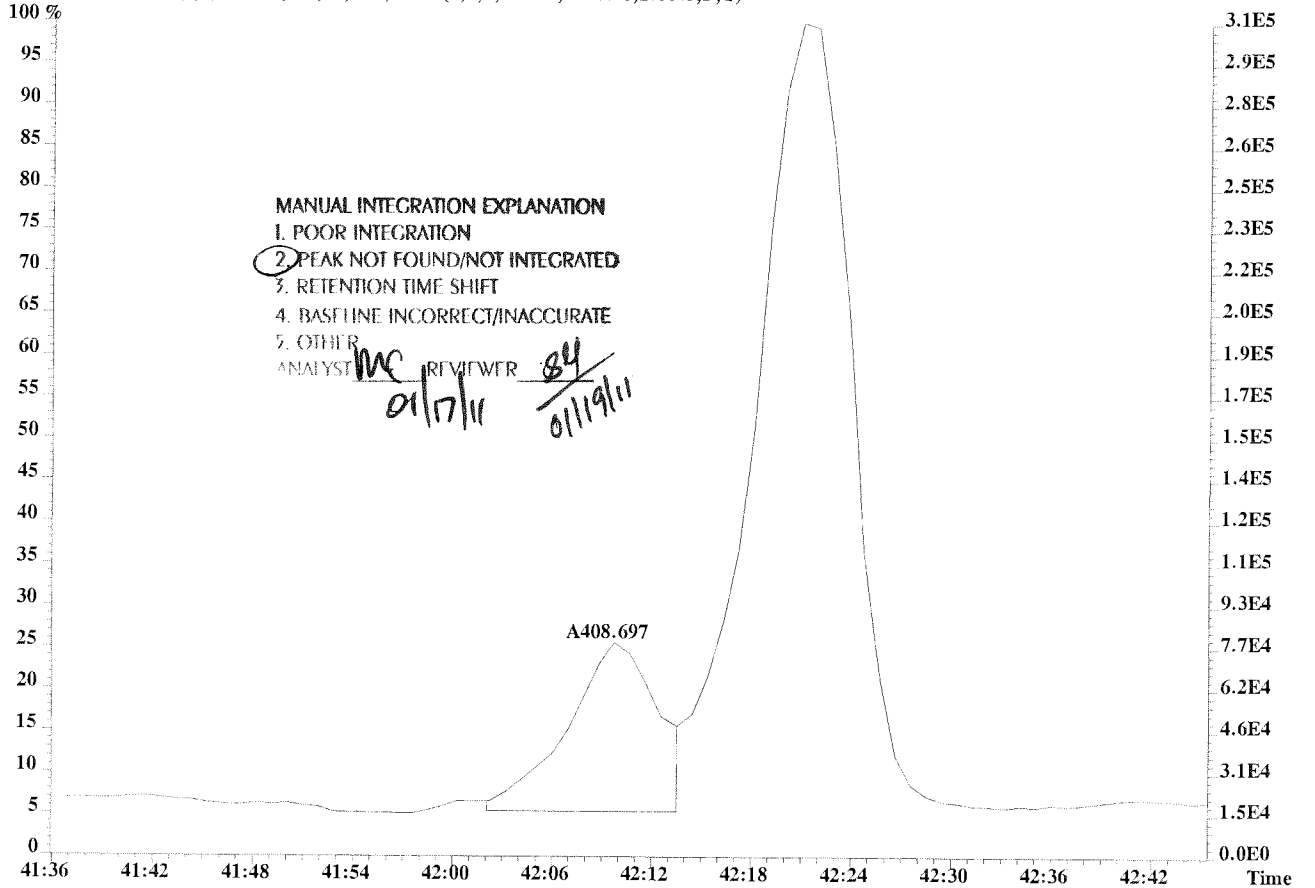
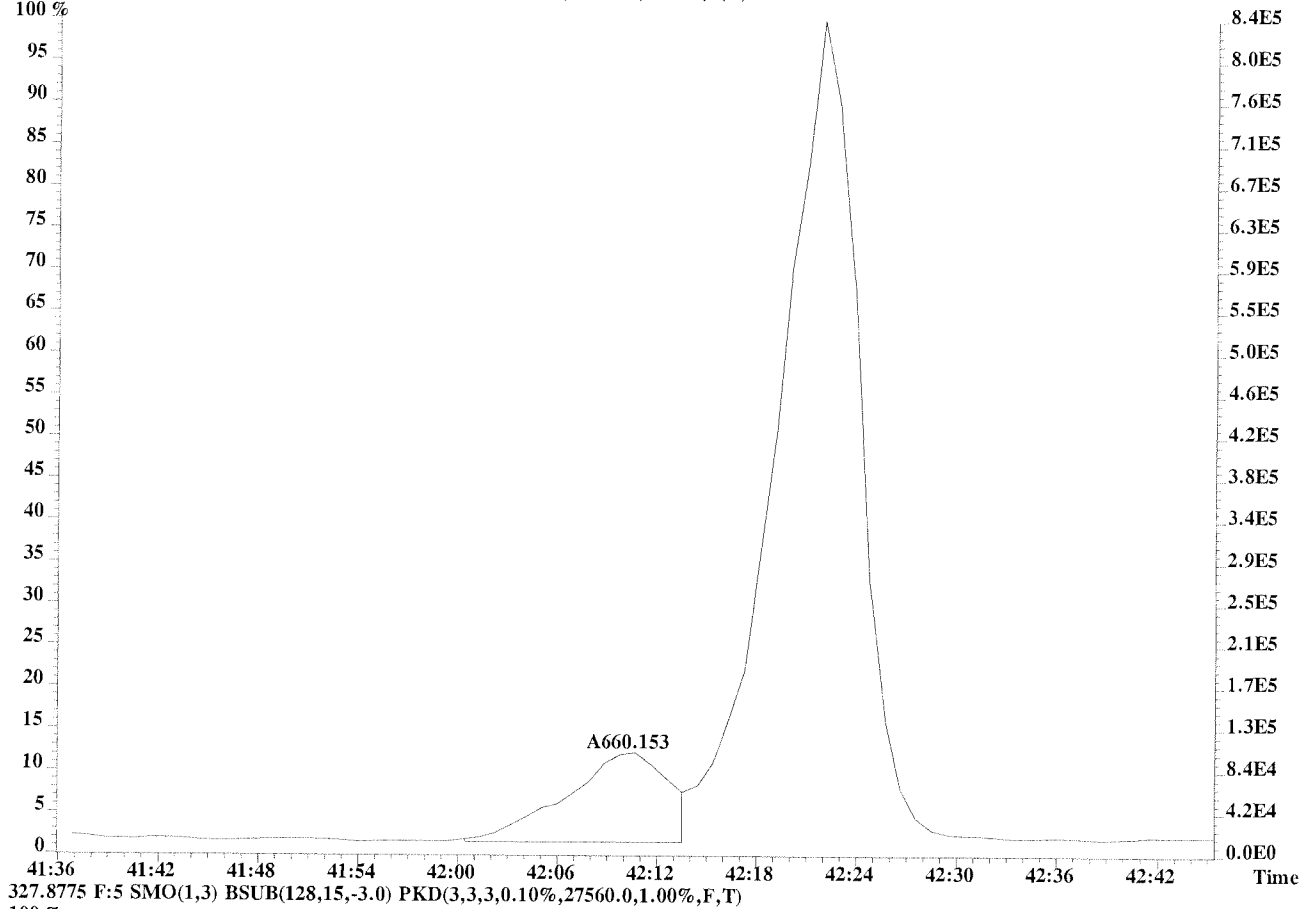
File:U224767 #1-391 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-015 USENRO021
 325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,24444.0,1.00%,F,T)



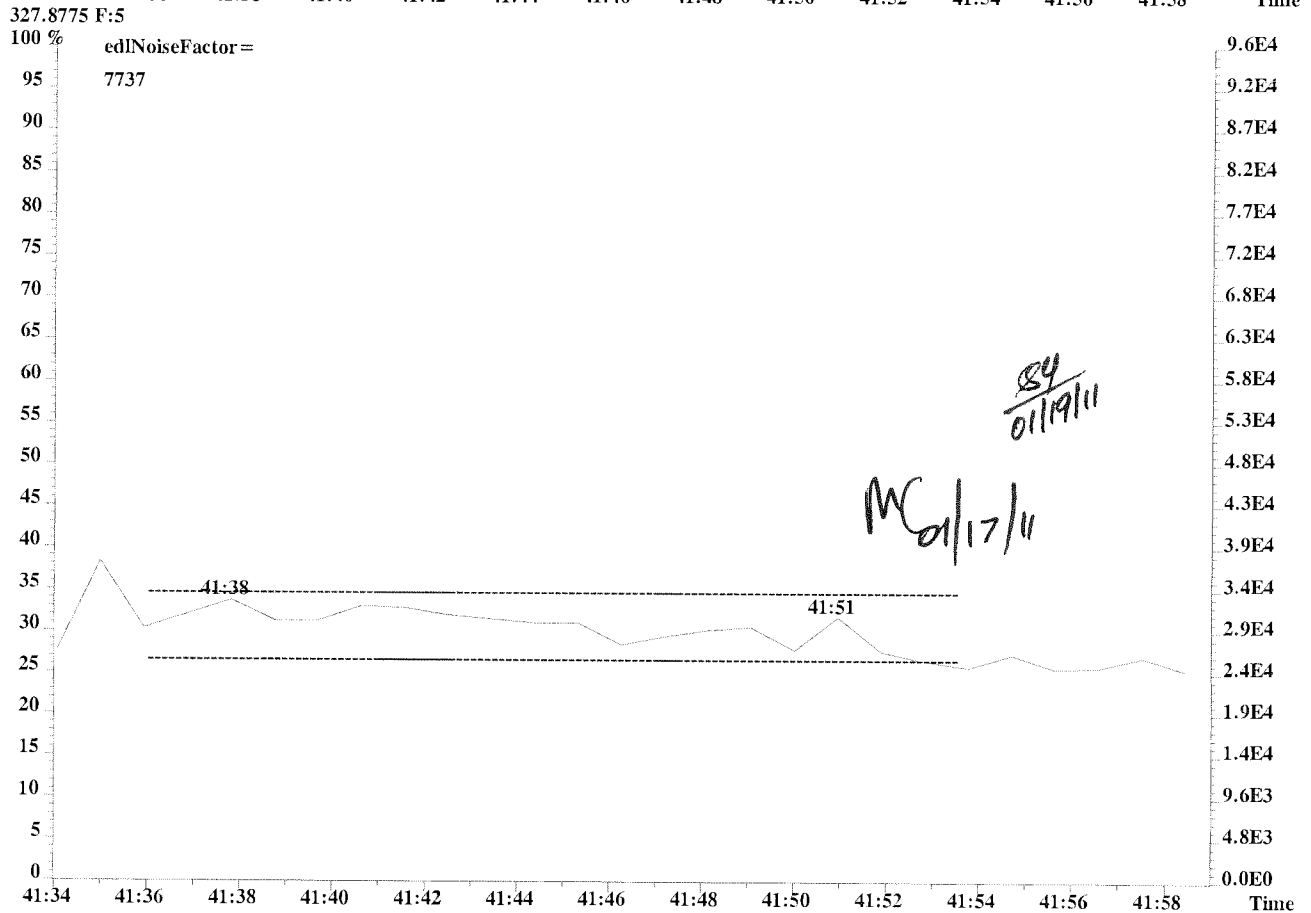
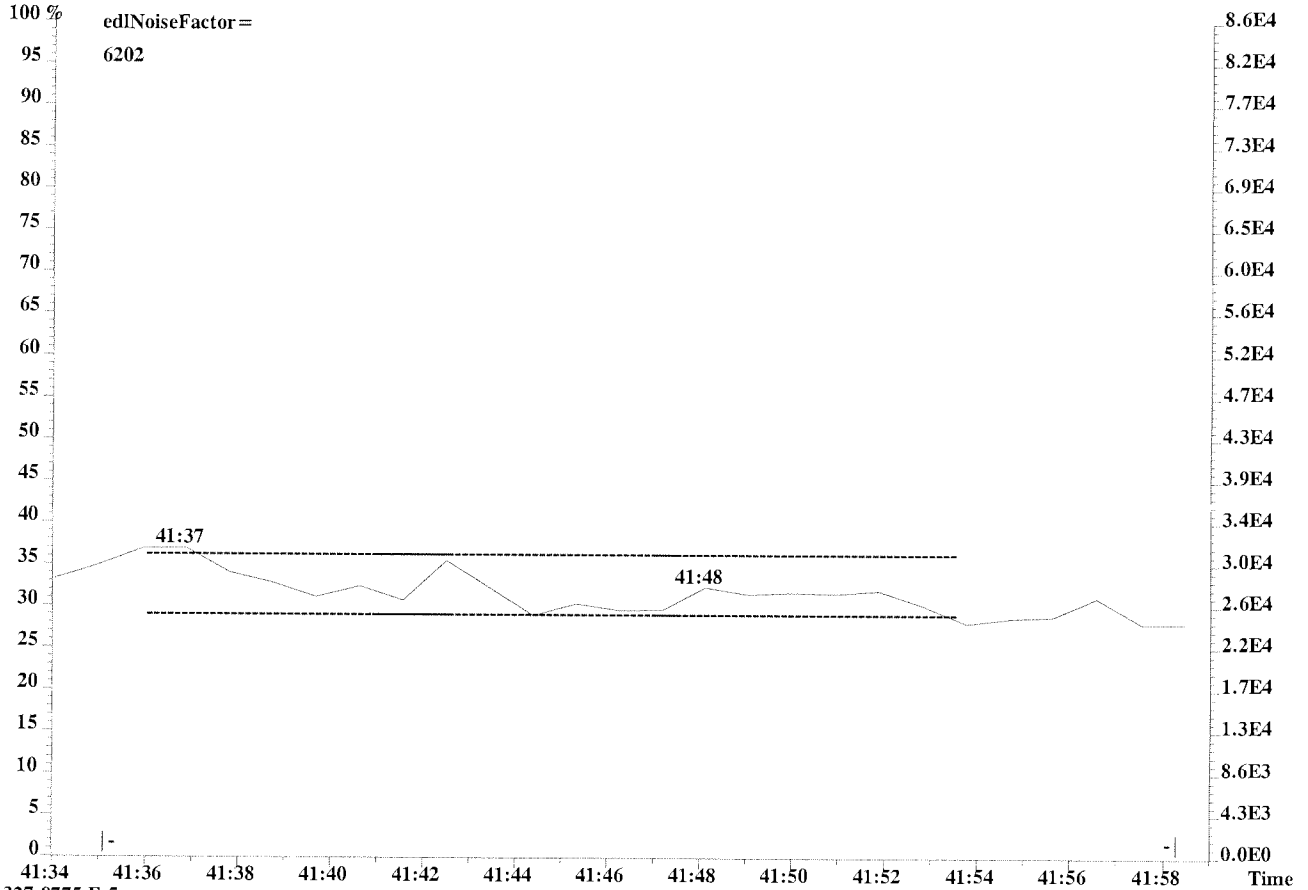
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,27560.0,1.00%,F,T)



File:U224767 #1-391 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-015 USENRO021
 325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,24444.0,1.00%,F,T)

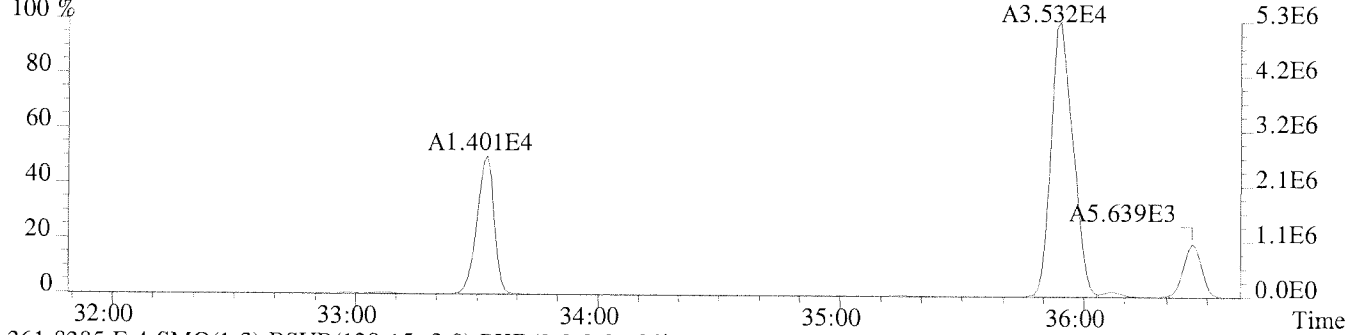


File:U224767 #1-391 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:K1013433-015 USENRO021
325.8804 F:5

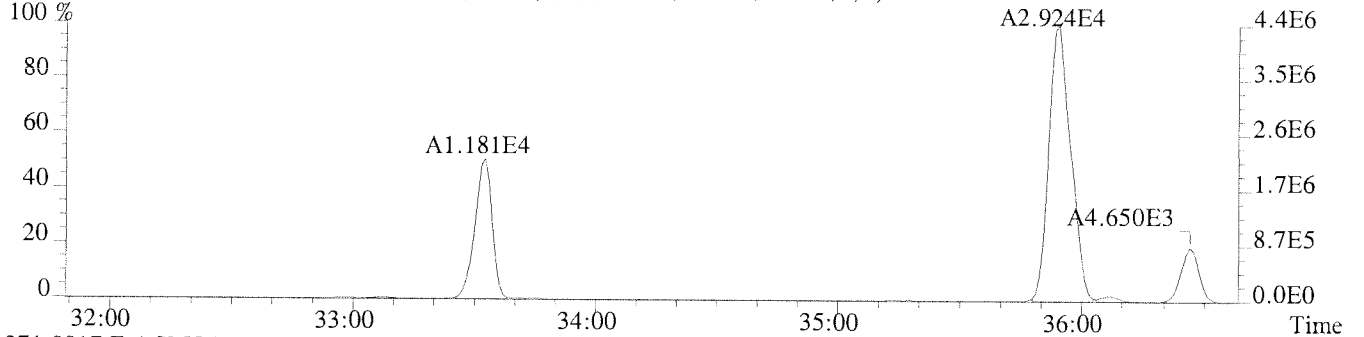


File:U224767 #1-309 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021

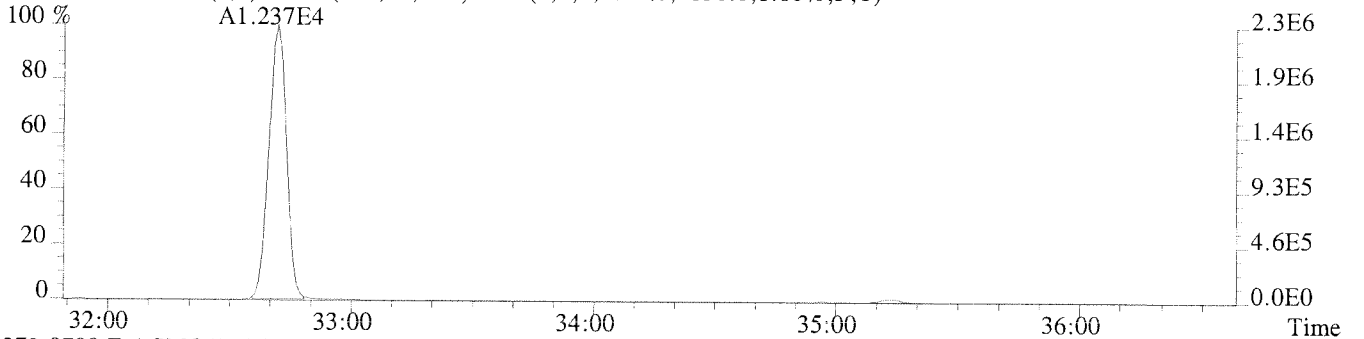
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2452.0,1.00%,F,T)



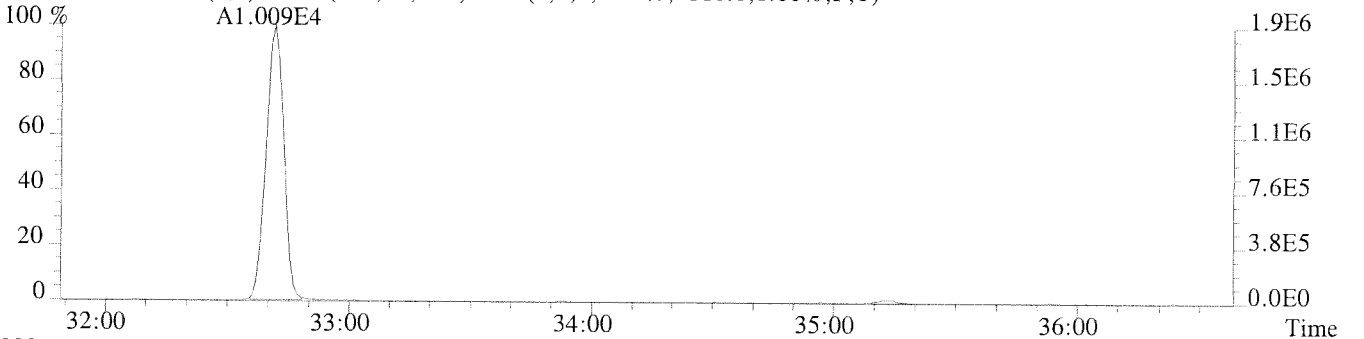
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1448.0,1.00%,F,T)



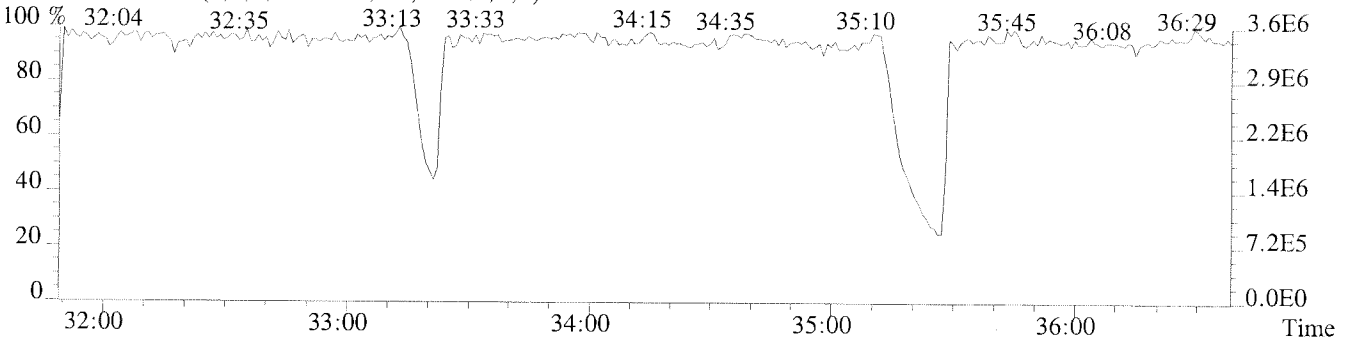
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2056.0,1.00%,F,T)



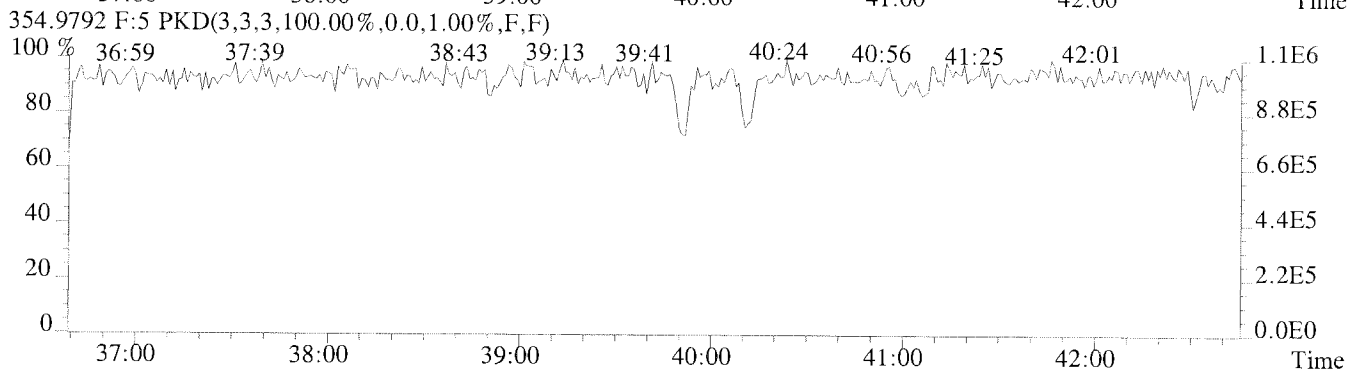
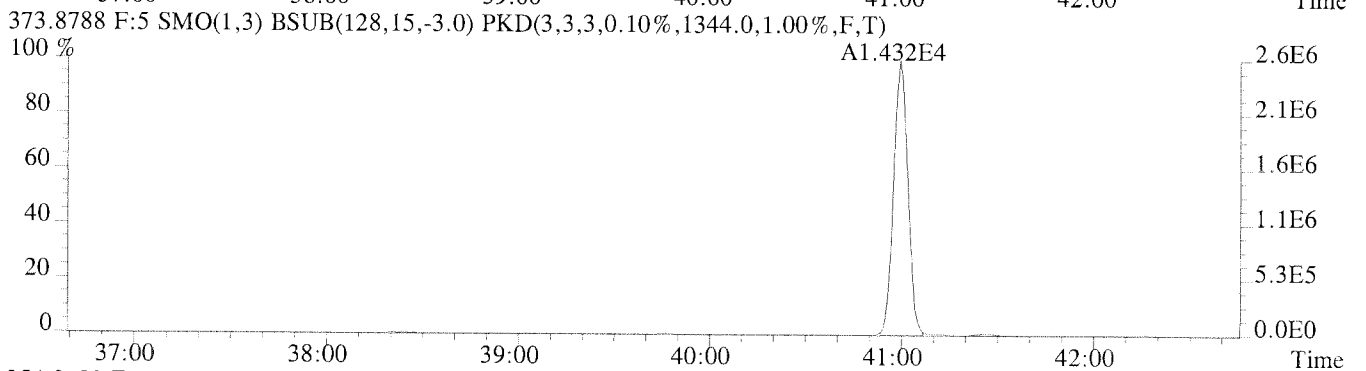
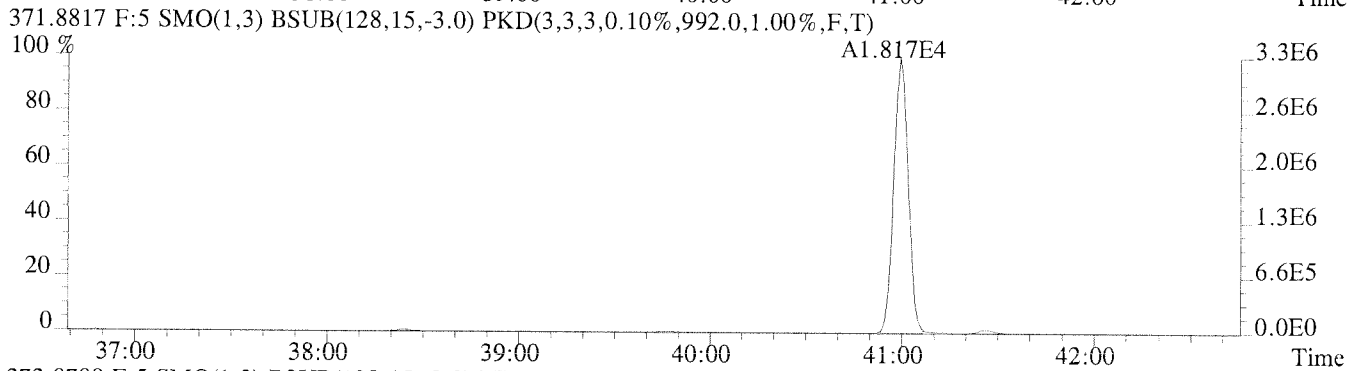
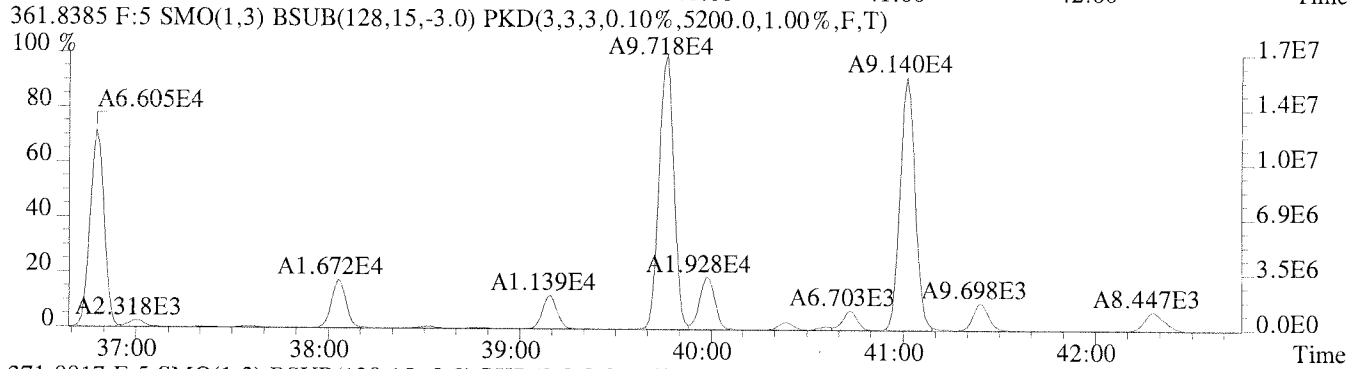
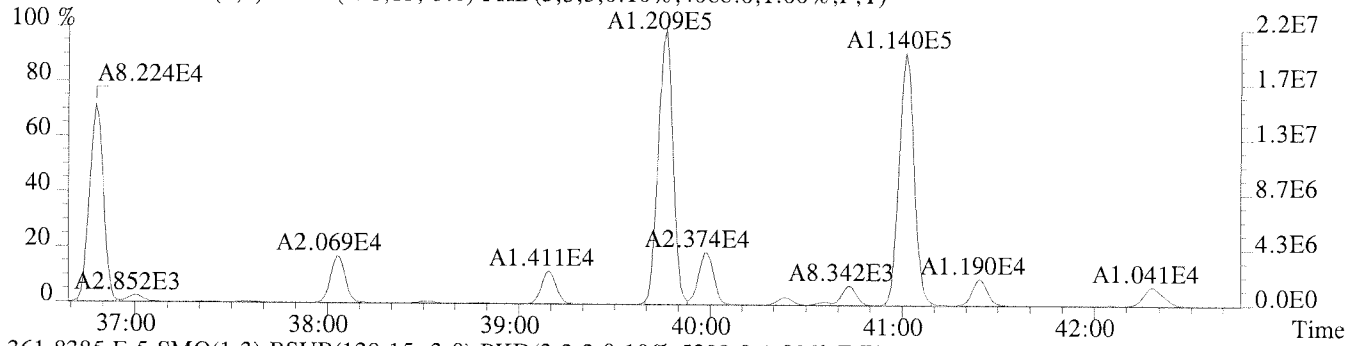
373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1816.0,1.00%,F,T)



330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

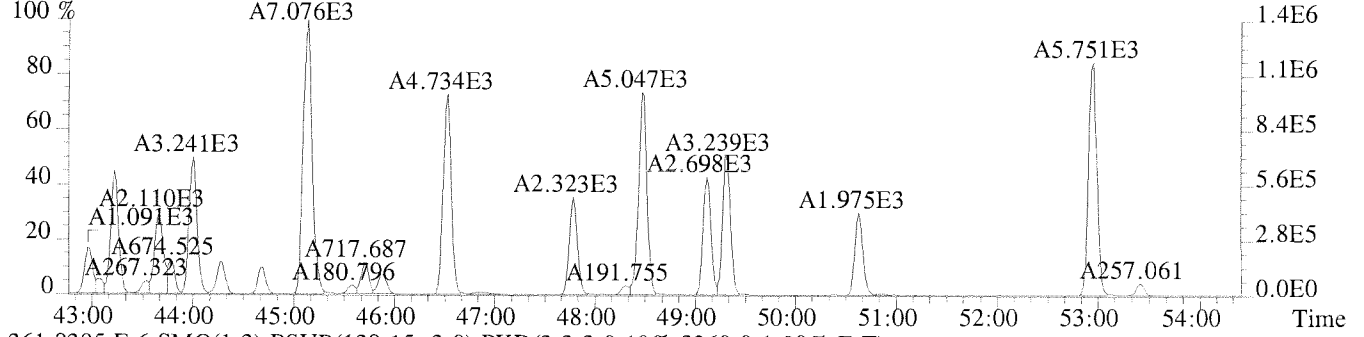


File:U224767 #1-391 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4088.0,1.00%,F,T)

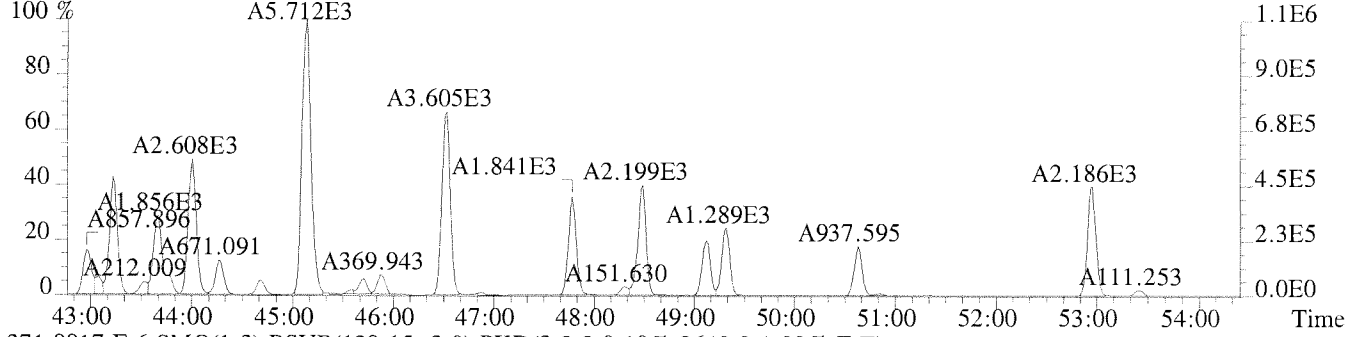


File:U224767 #1-577 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021

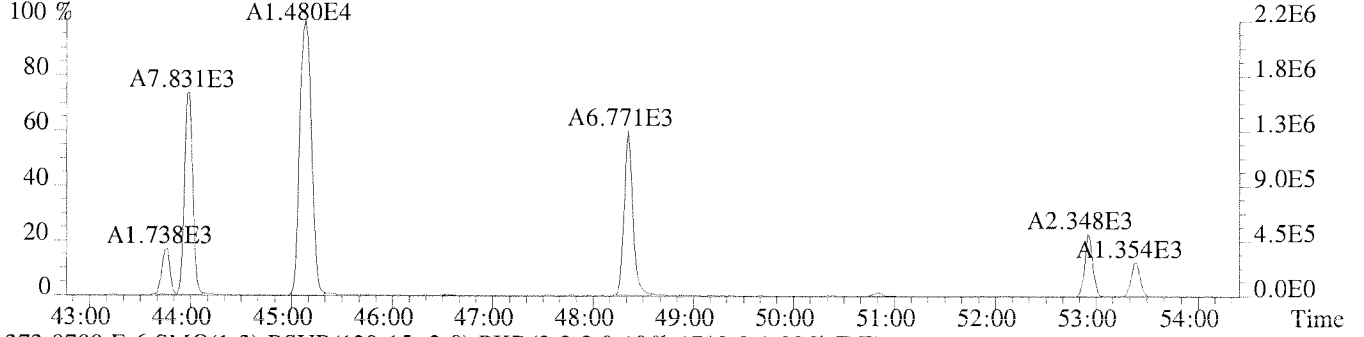
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4236.0,1.00%,F,T)



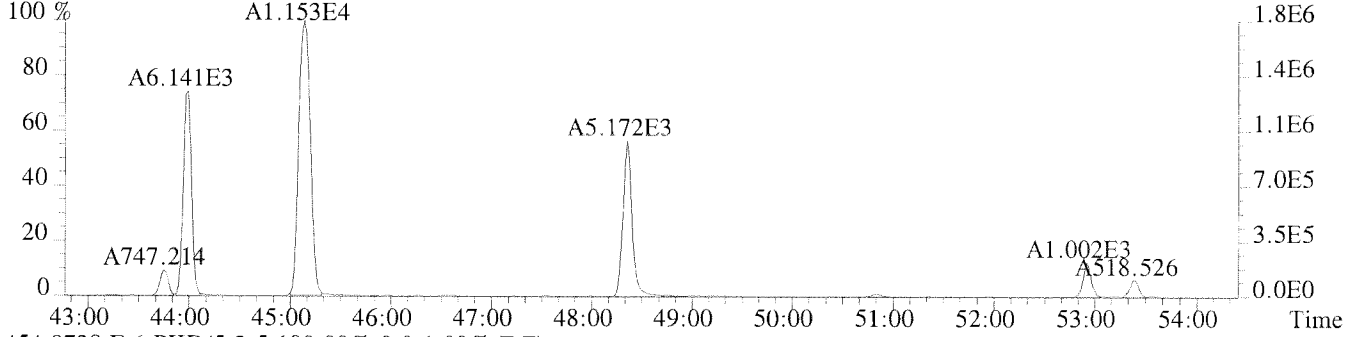
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3360.0,1.00%,F,T)



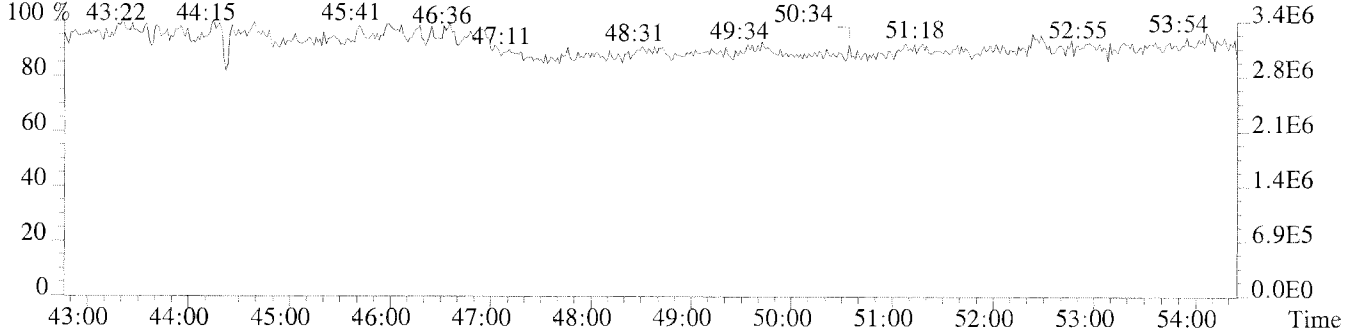
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2640.0,1.00%,F,T)

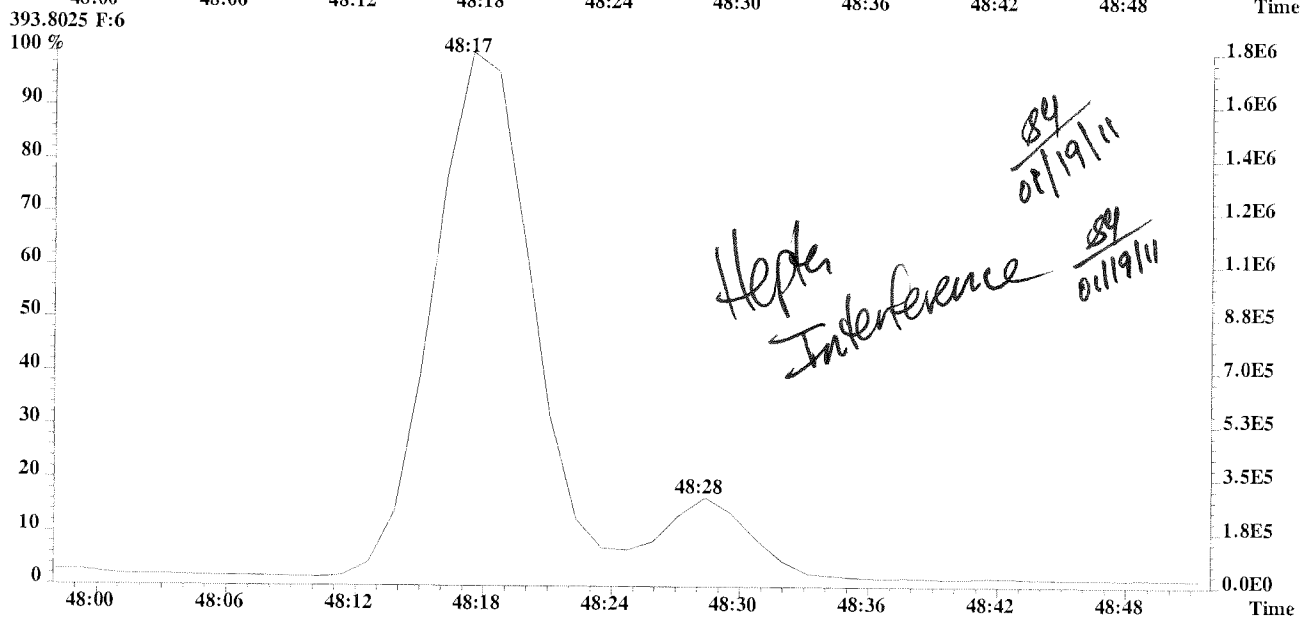
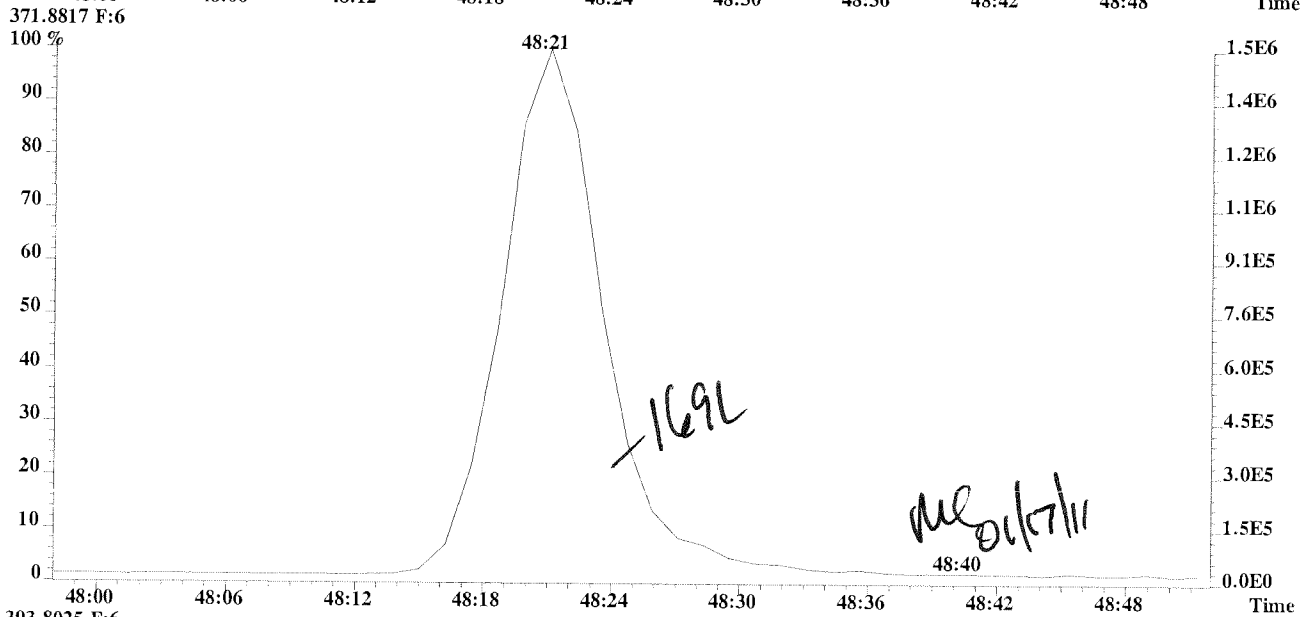
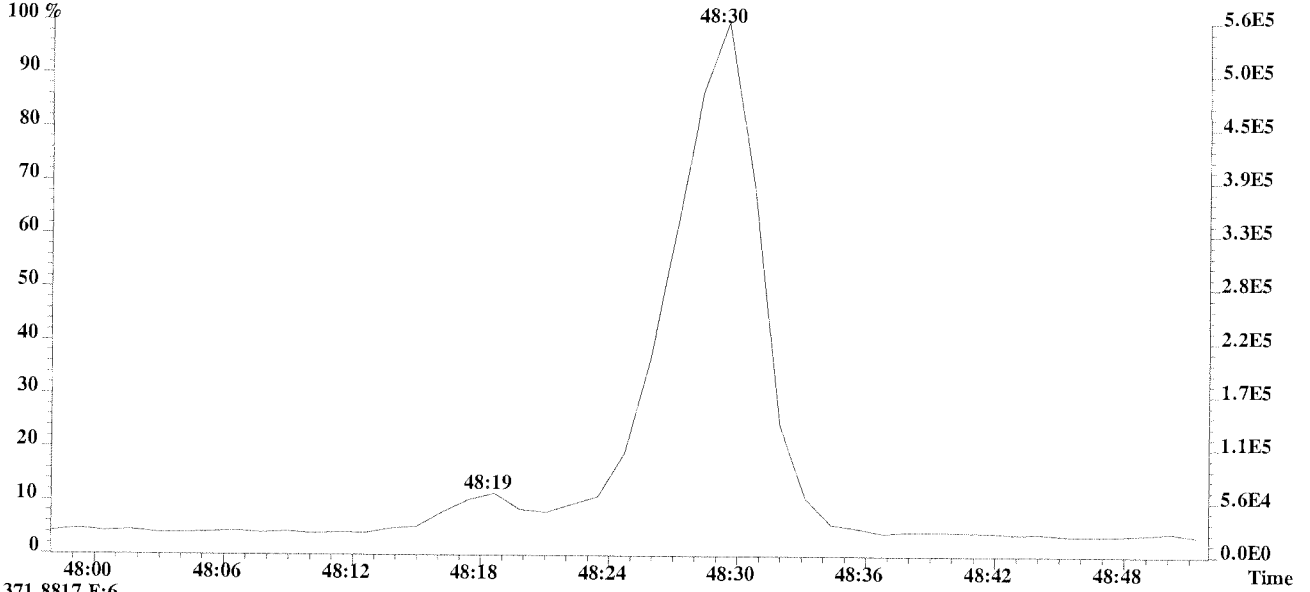


373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1712.0,1.00%,F,T)

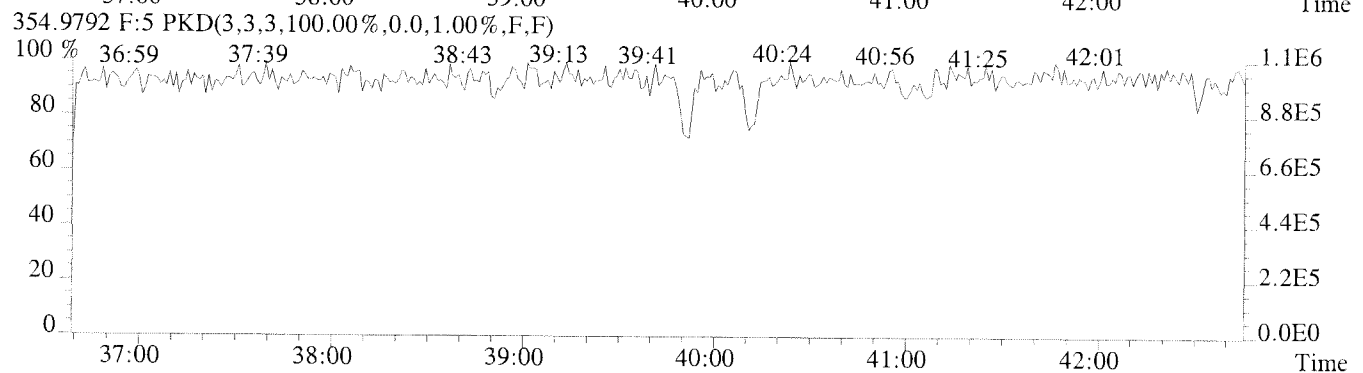
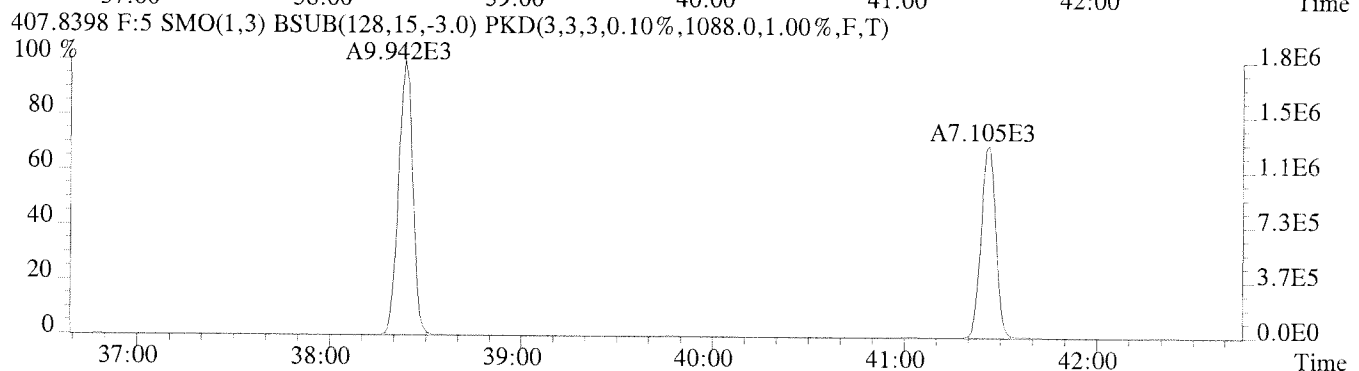
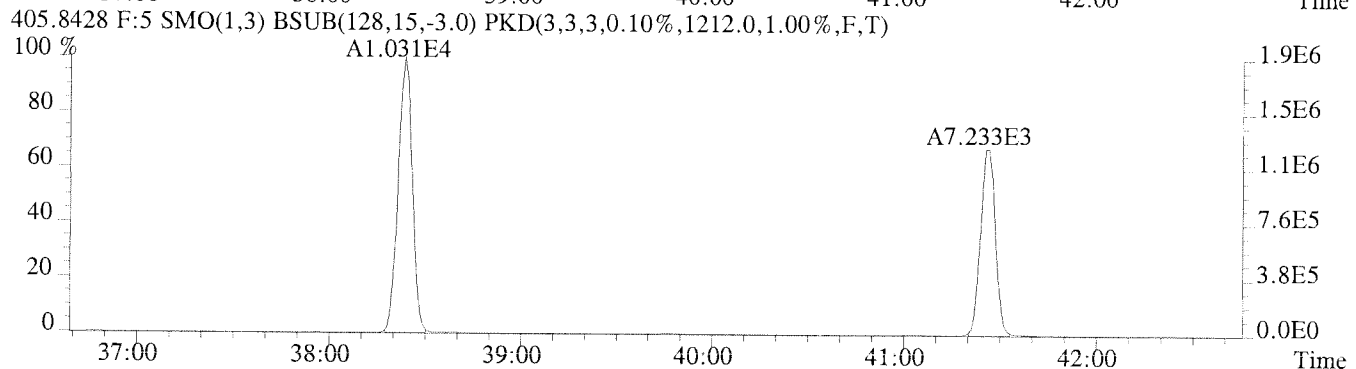
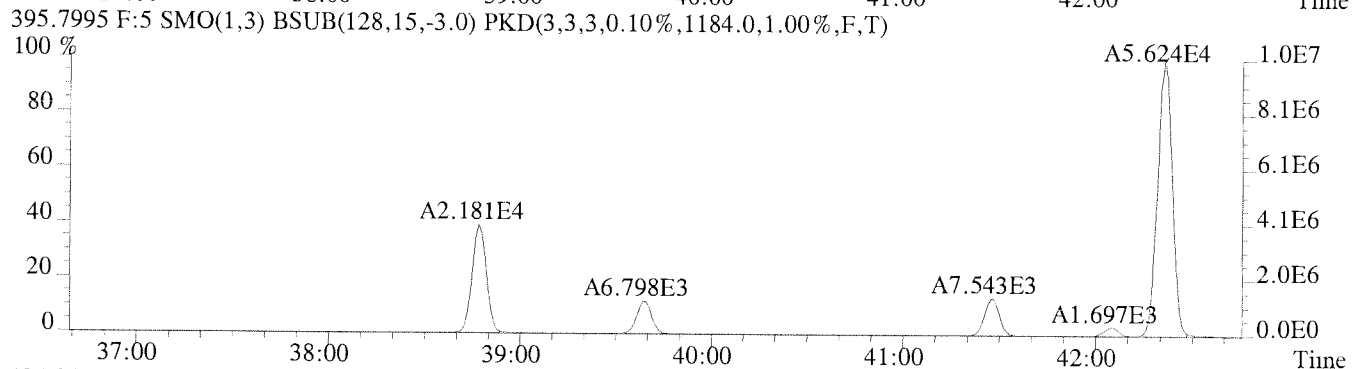
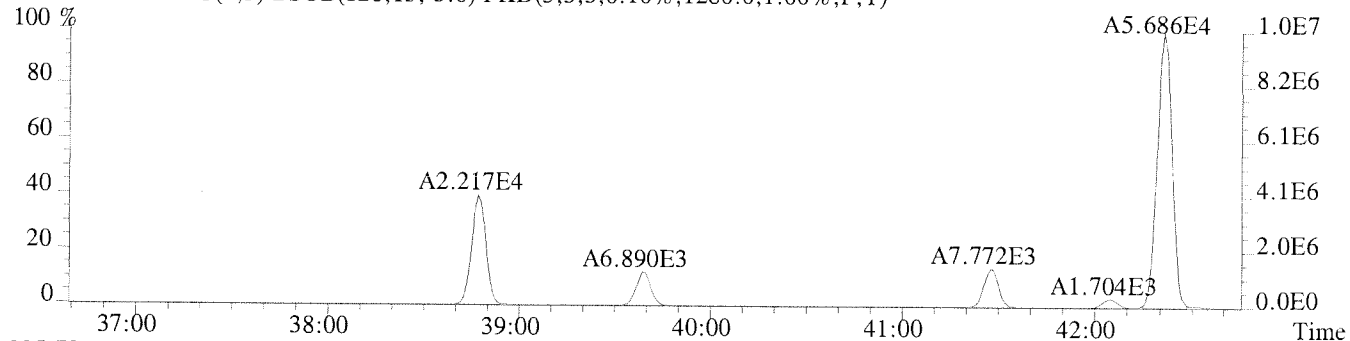


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

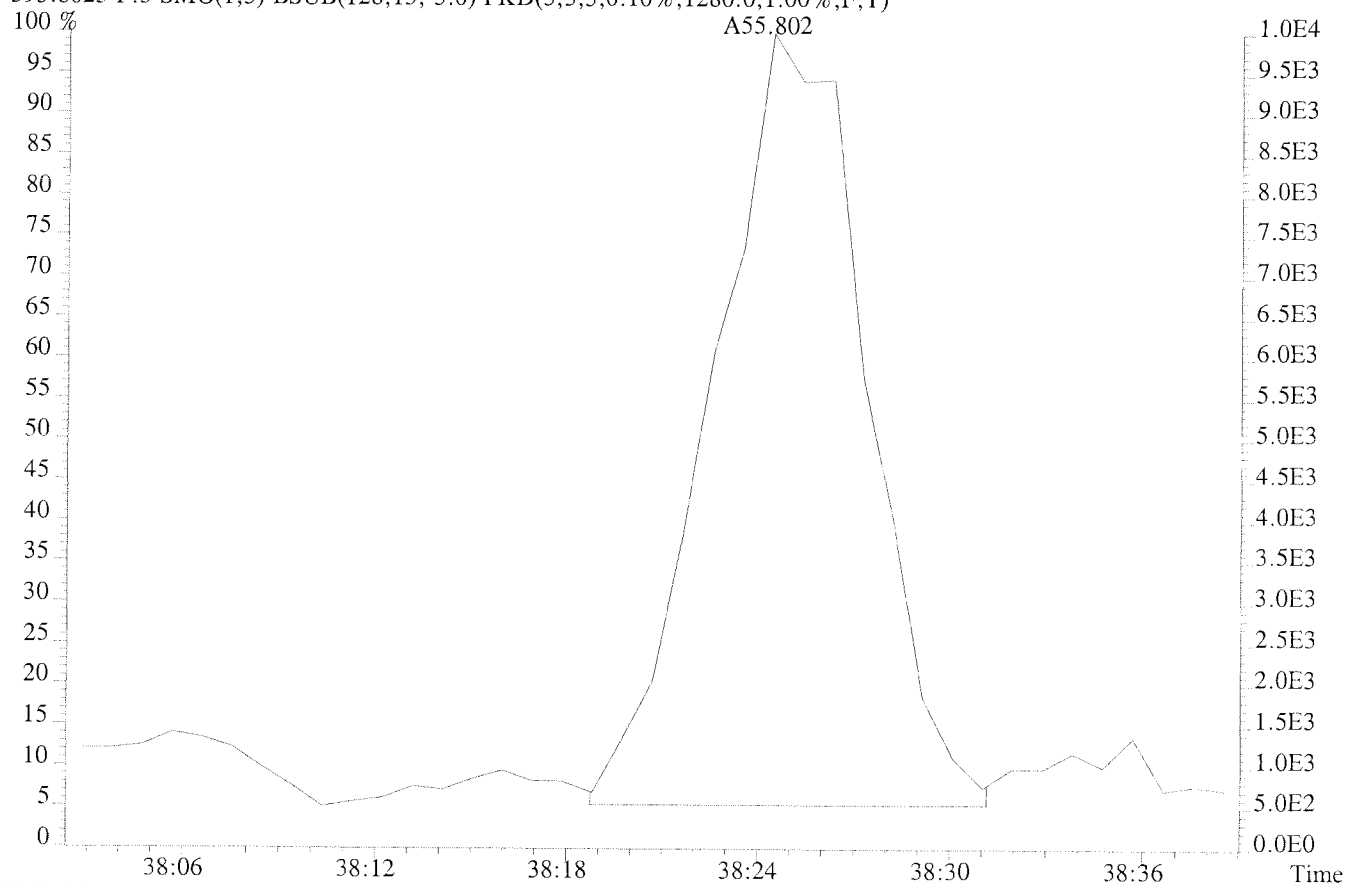




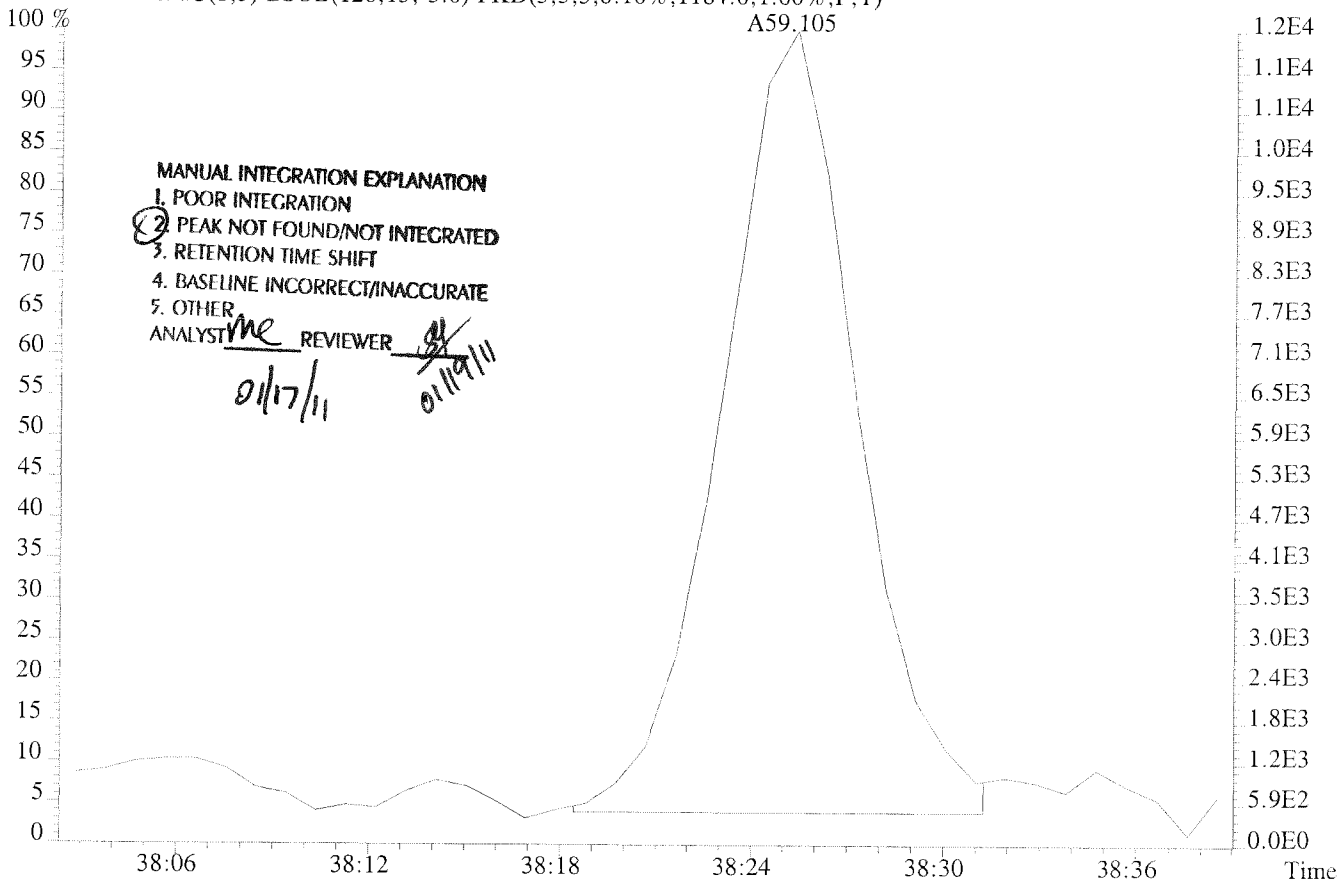
File:U224767 #1-391 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,T)



File:U224767 #1-391 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,T)

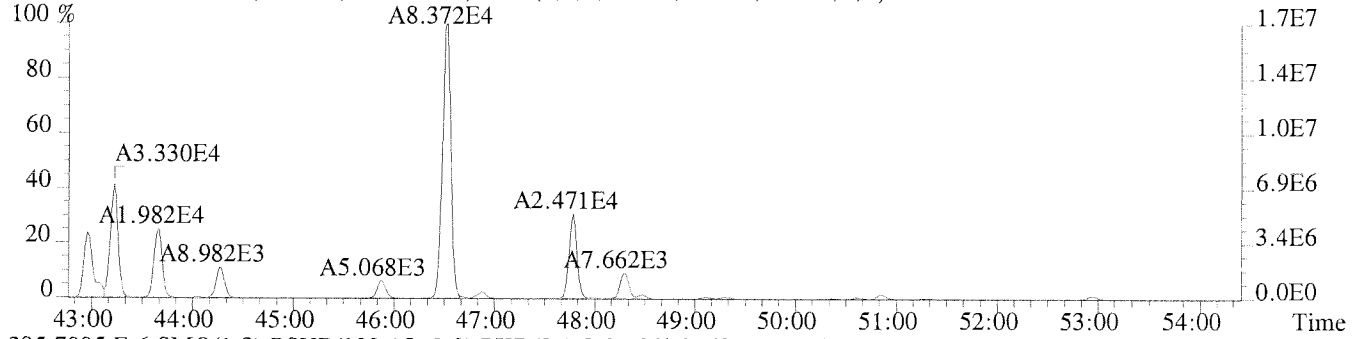


395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)

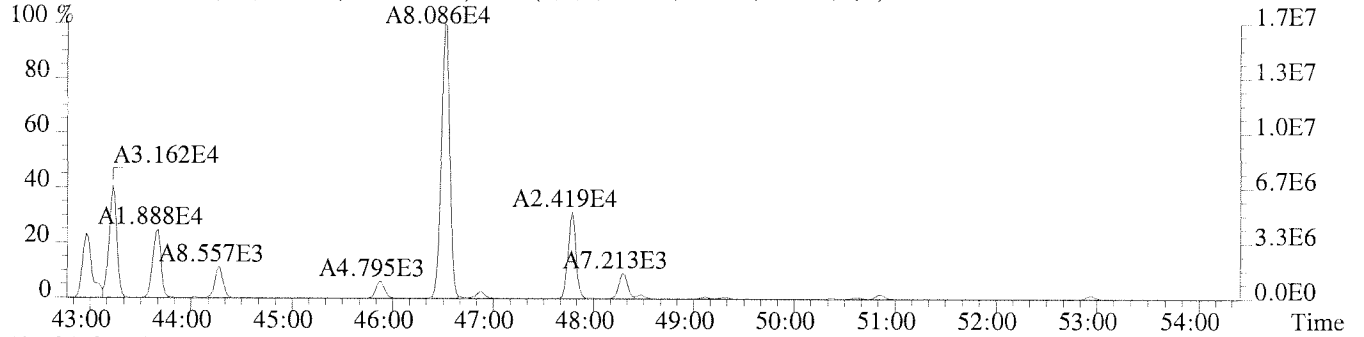


File:U224767 #1-577 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021

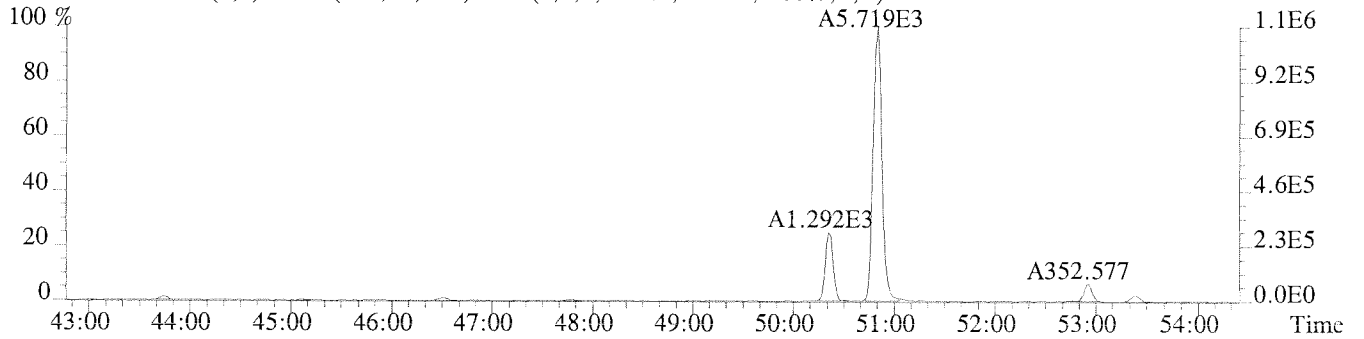
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8464.0,1.00%,F,T)



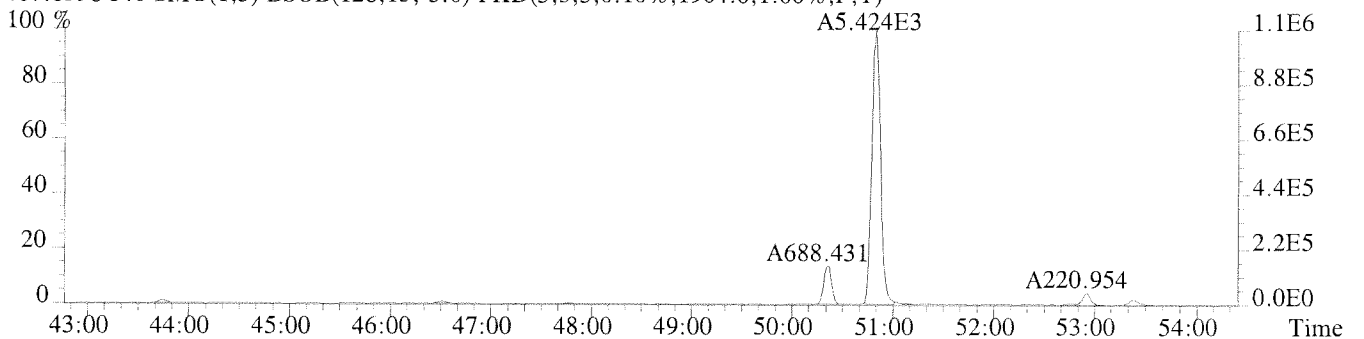
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9160.0,1.00%,F,T)



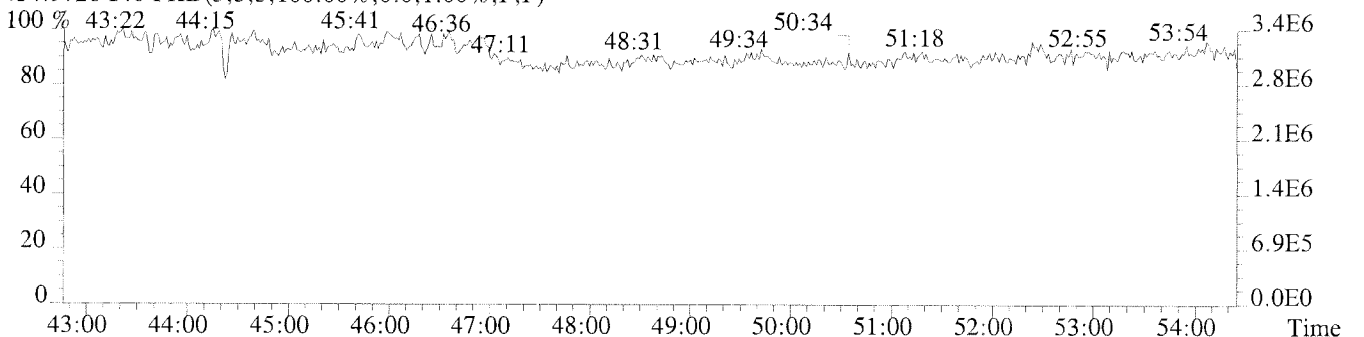
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1928.0,1.00%,F,T)



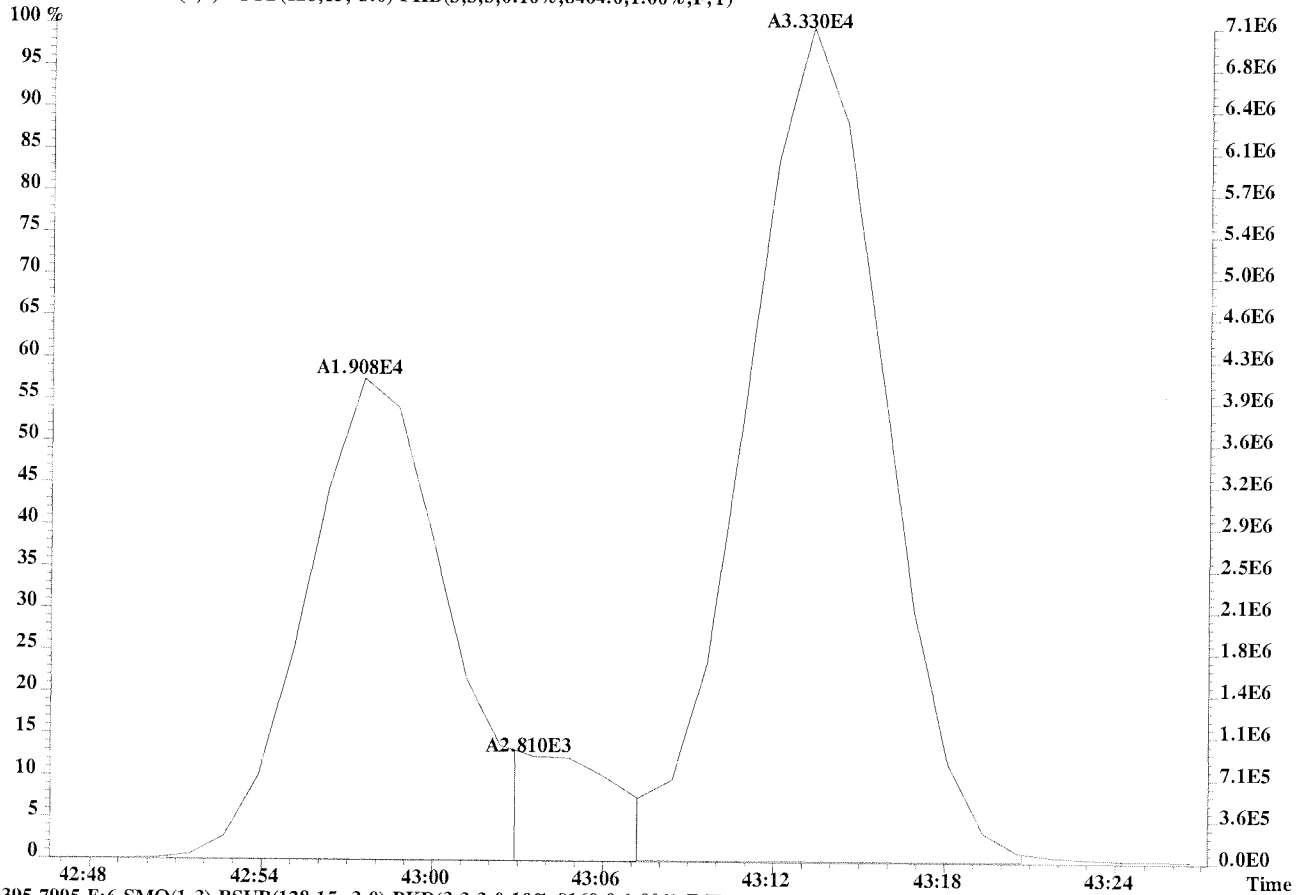
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1904.0,1.00%,F,T)



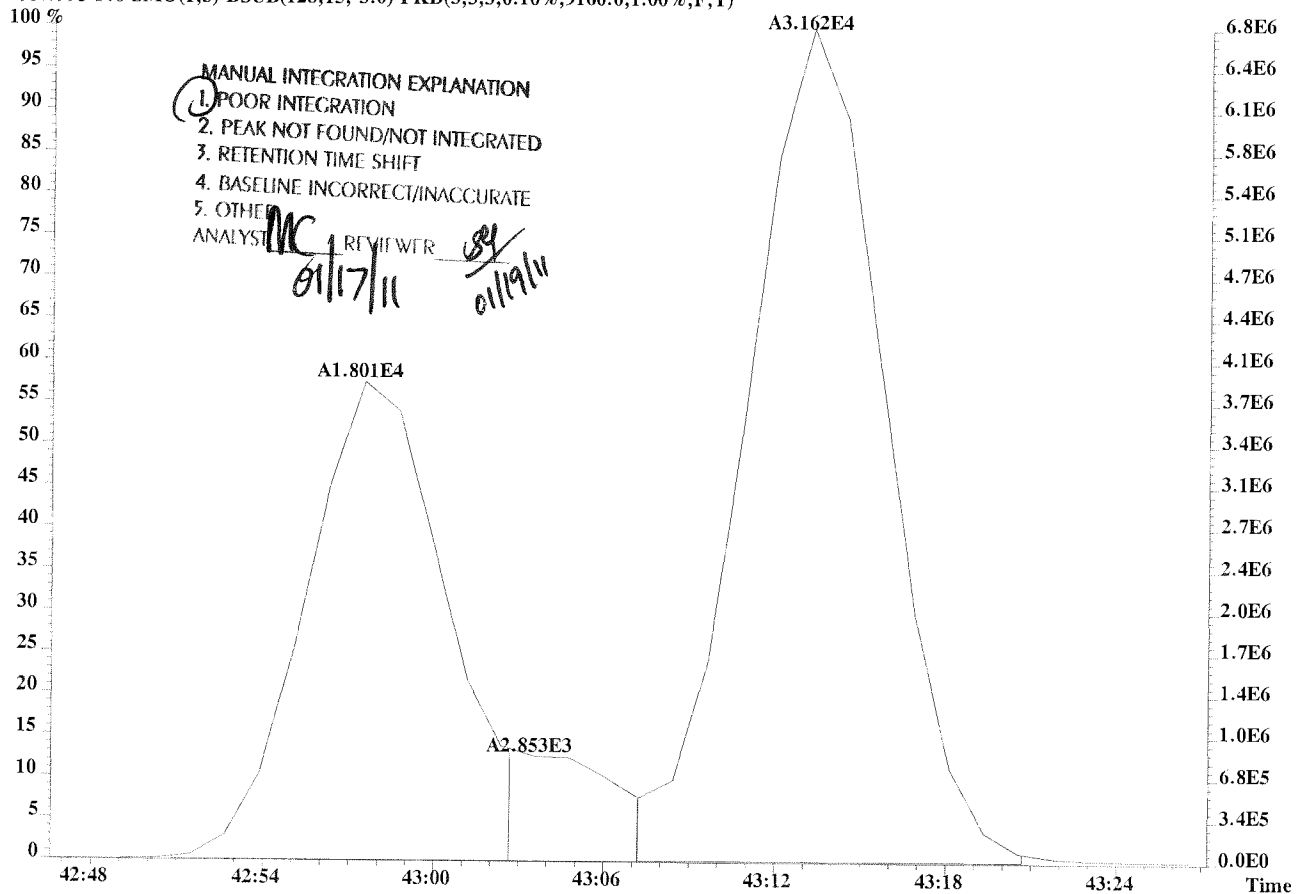
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



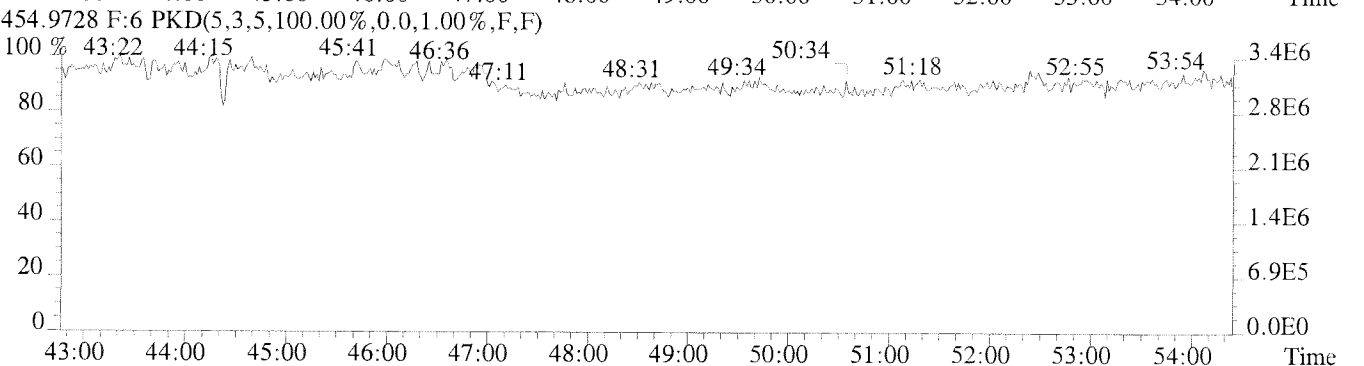
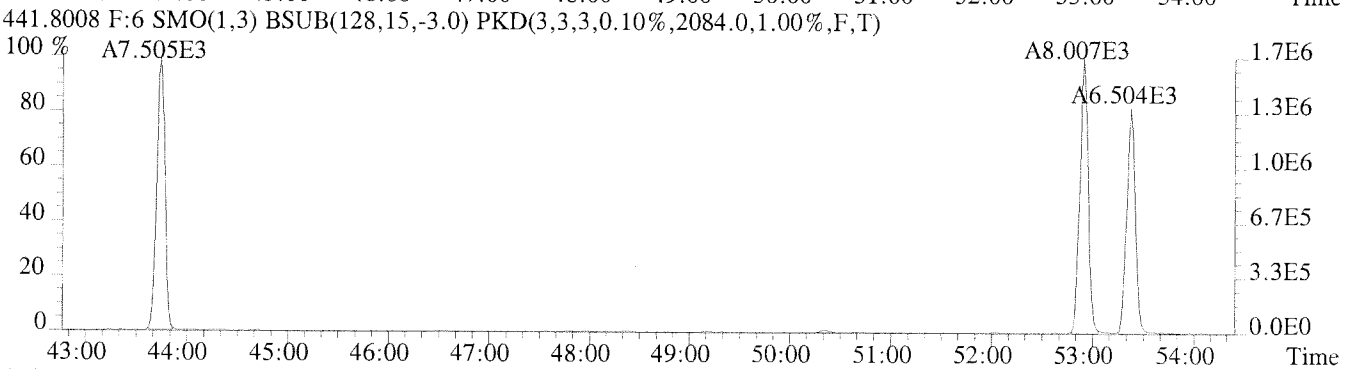
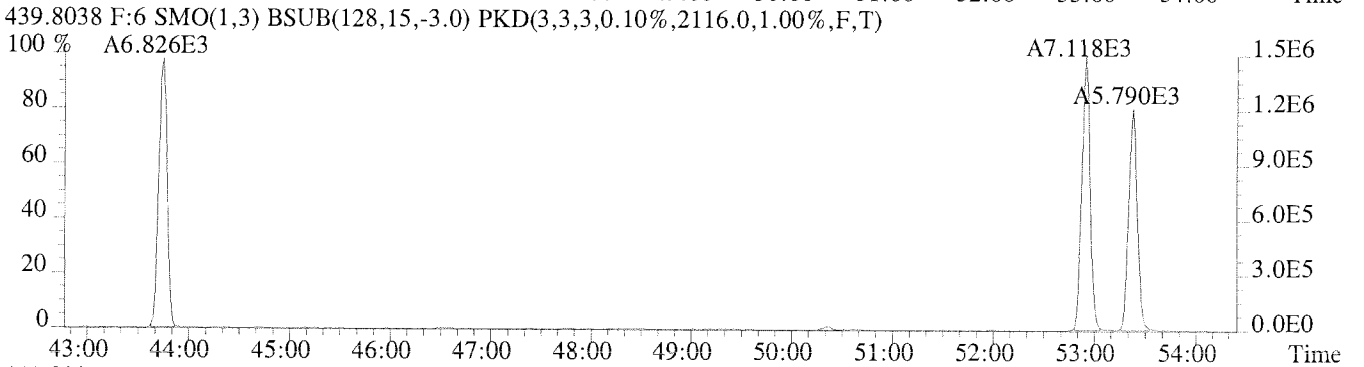
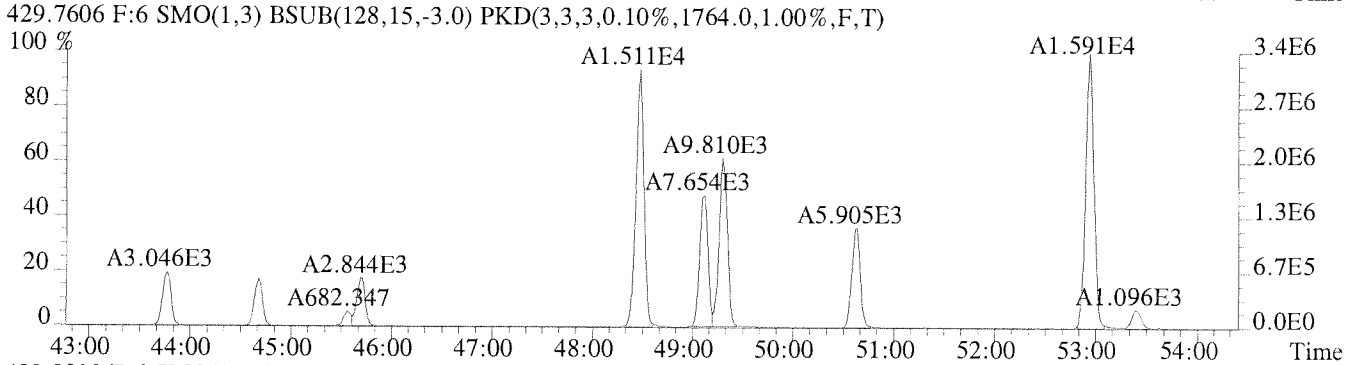
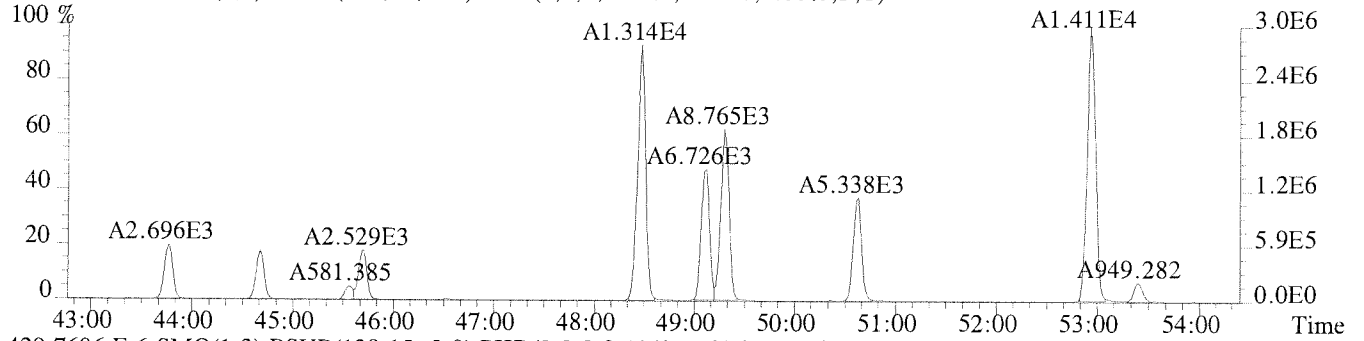
File:U224767 #1-577 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:K1013433-015 USENRO021
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8464.0,1.00%,F,T)



395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9160.0,1.00%,F,T)

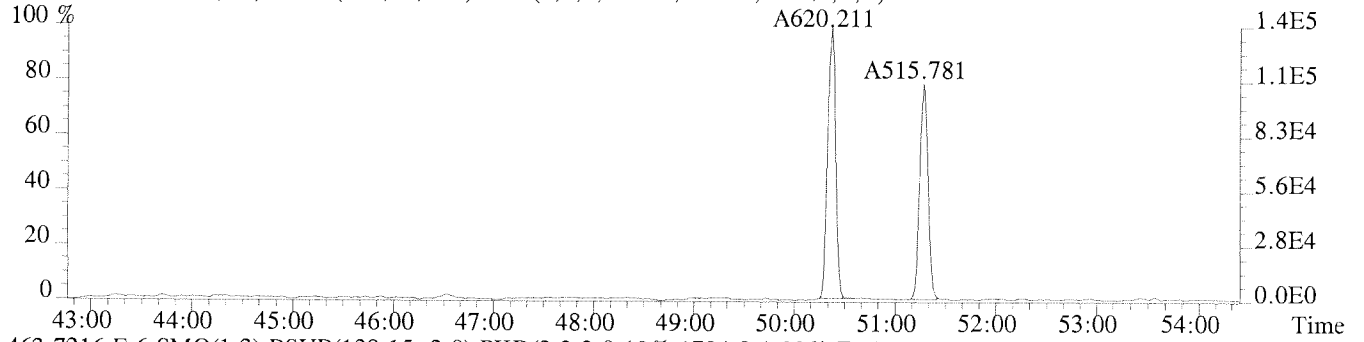


File:U224767 #1-577 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1848.0,1.00%,F,T)

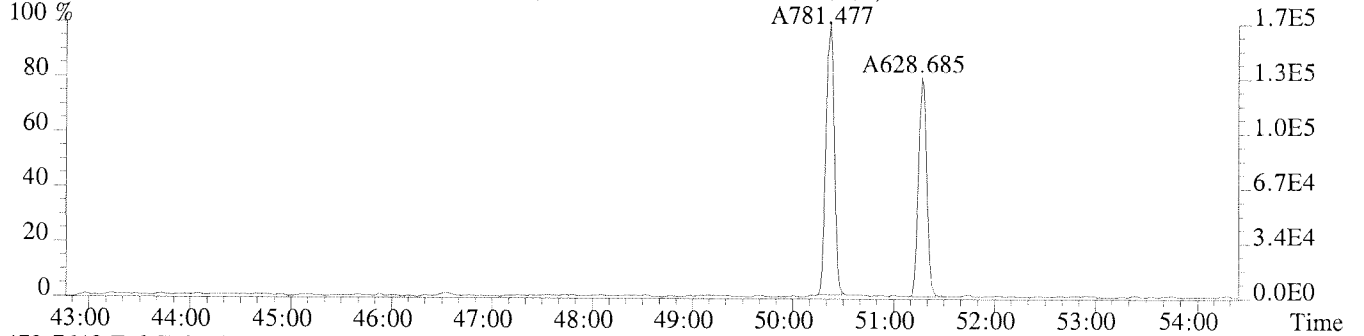


File:U224767 #1-577 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021

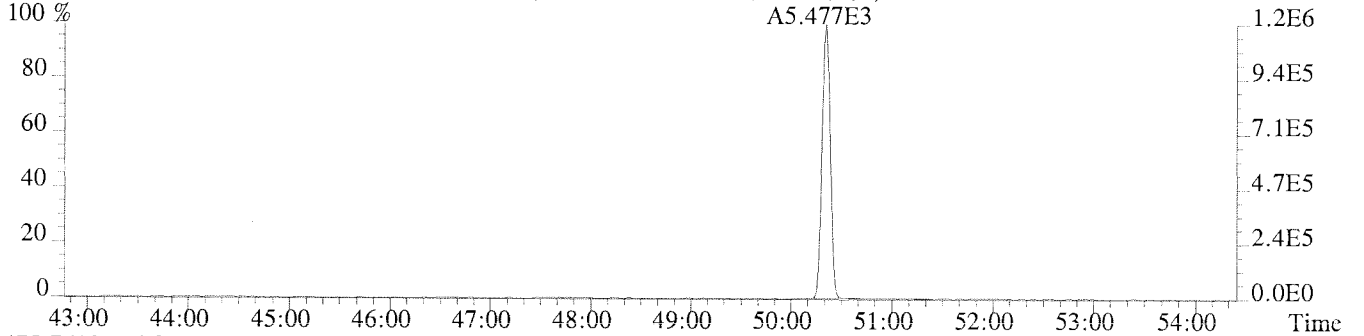
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1656.0,1.00%,F,T)



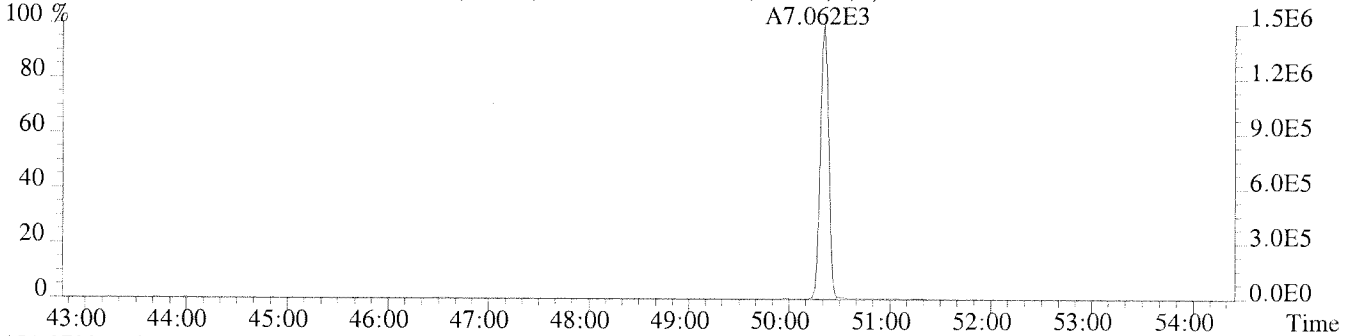
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1704.0,1.00%,F,T)



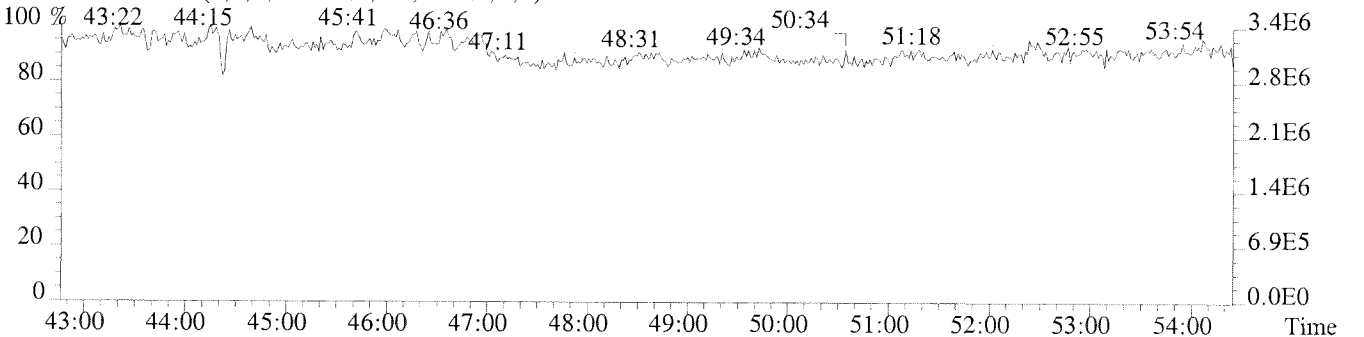
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1764.0,1.00%,F,T)



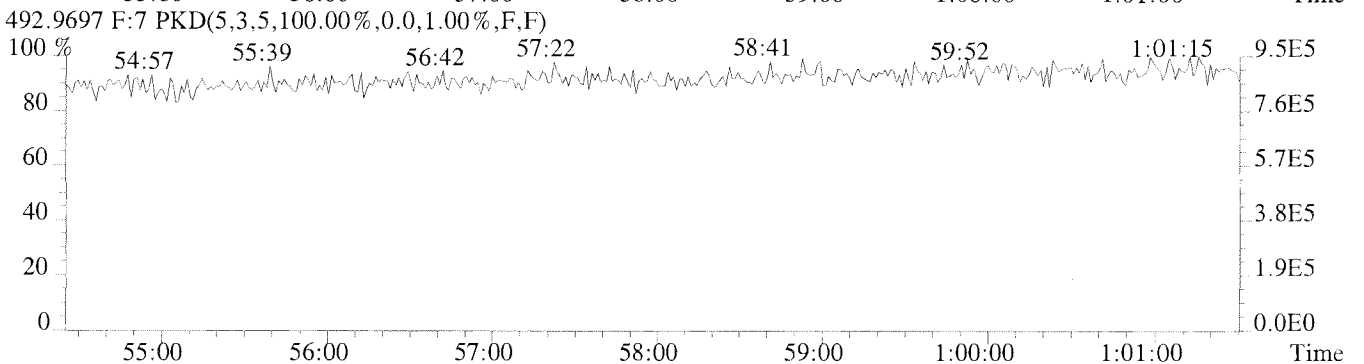
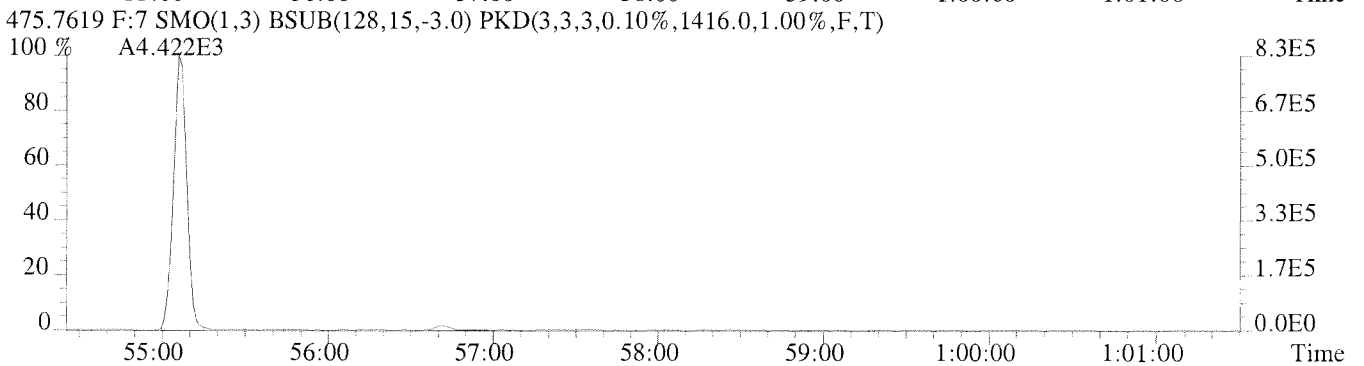
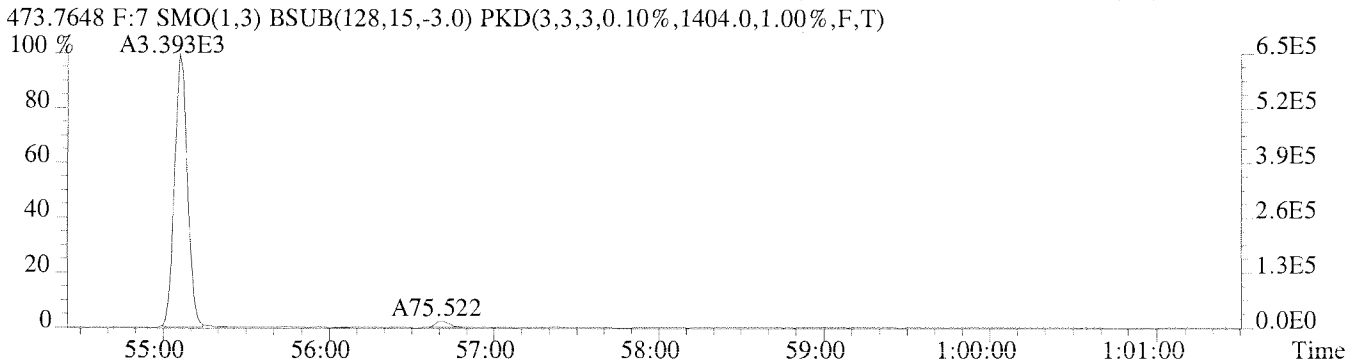
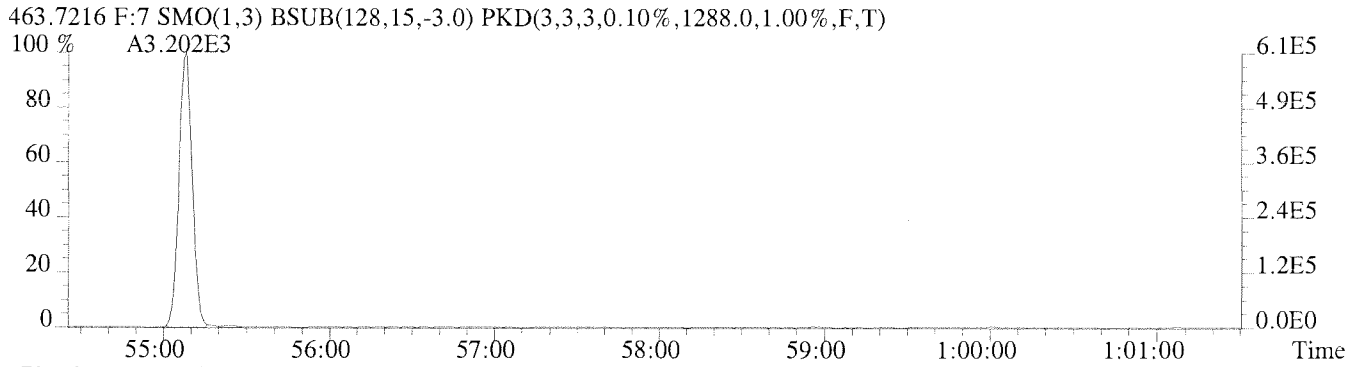
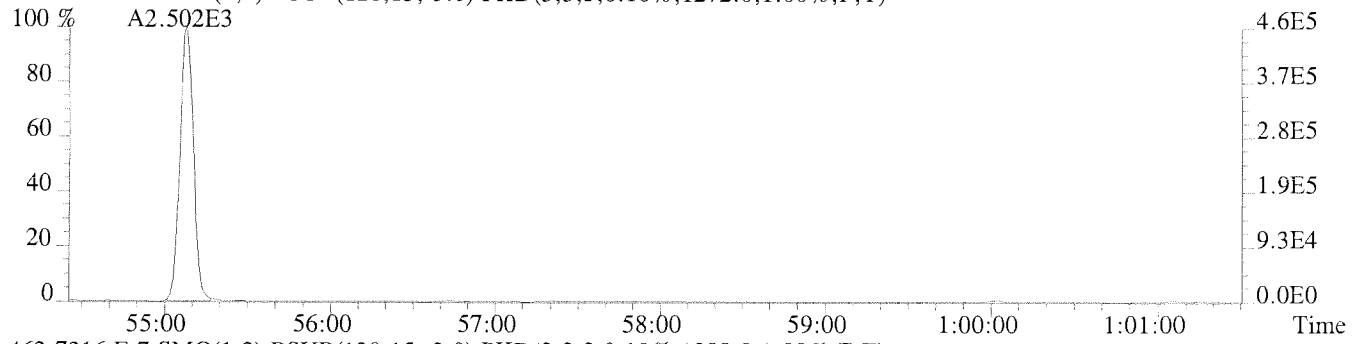
475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1504.0,1.00%,F,T)



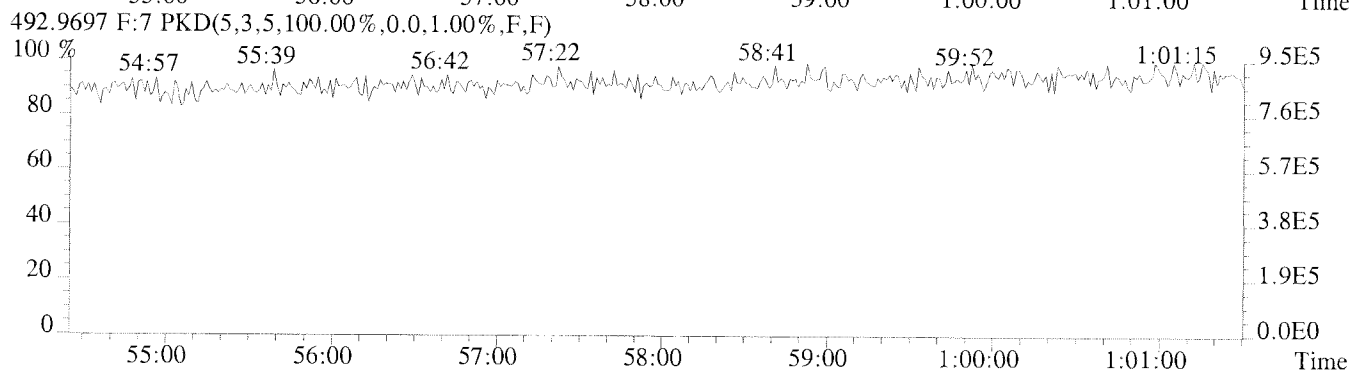
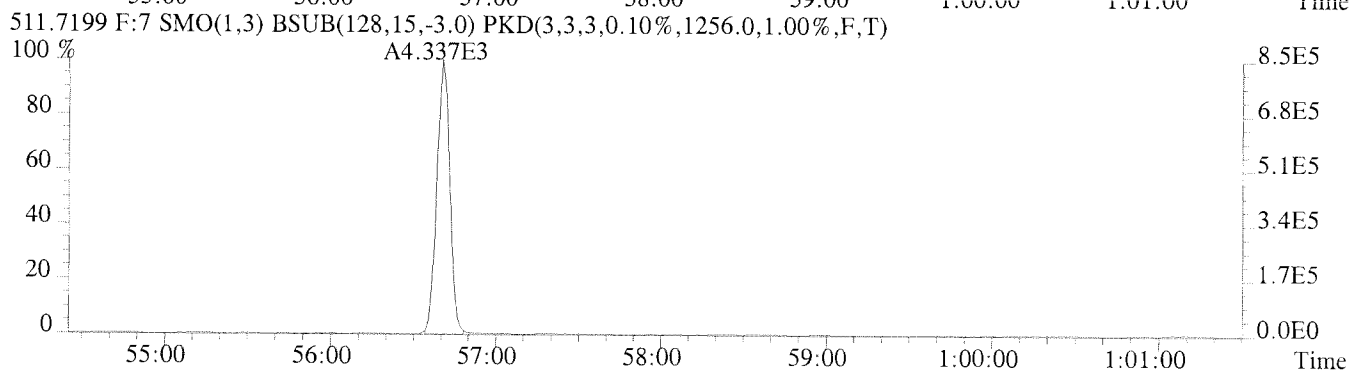
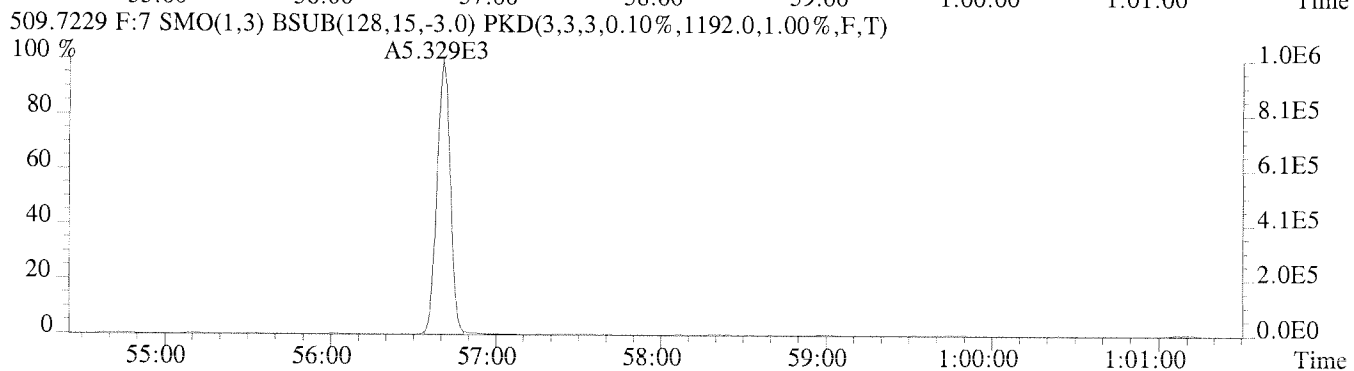
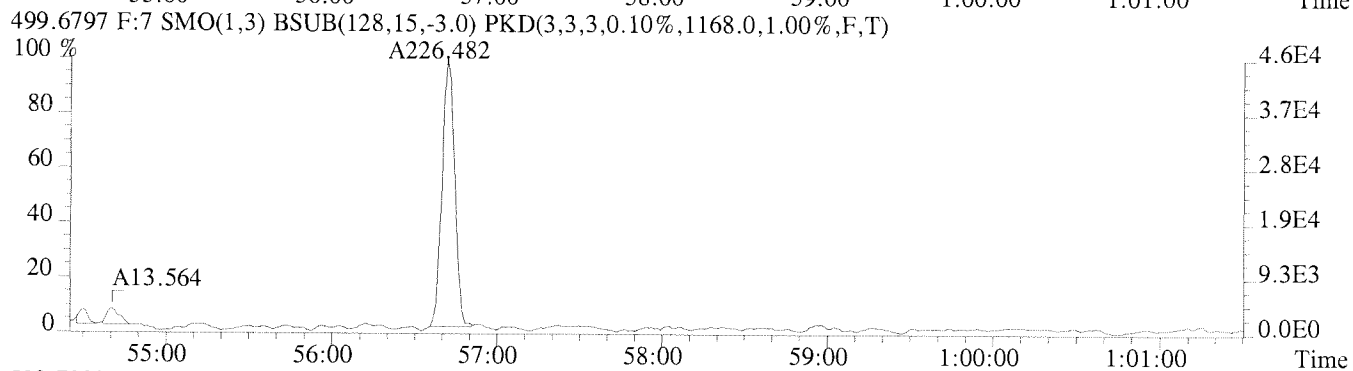
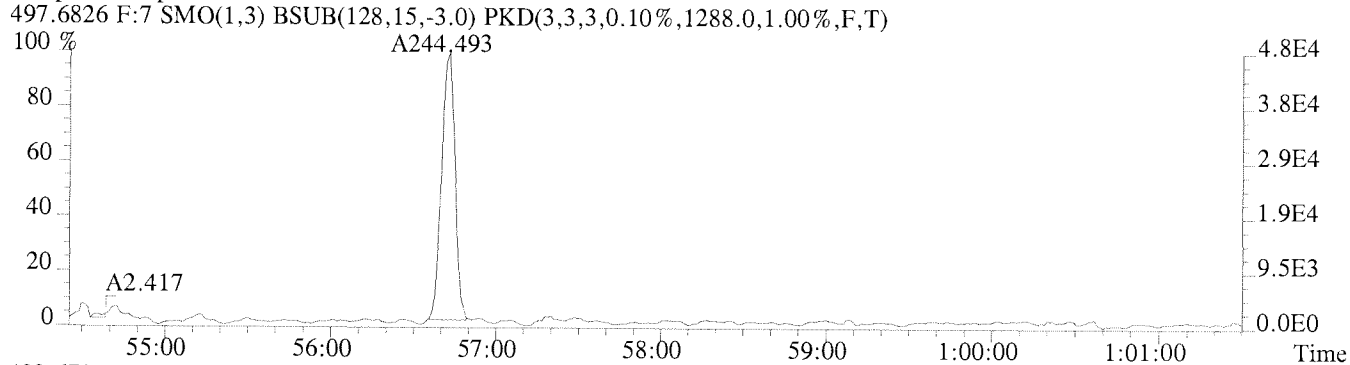
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



File:U224767 #1-400 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1272.0,1.00%,F,T)



File:U224767 #1-400 Acq:15-JAN-2011 22:30:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-015 USENRO021



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-RO-03-1

Run #10 Filename U224771 Samp: 1 Inj: 1 Acquired: 17-JAN-11 10:06:23
Processed: 18-JAN-11 11:18:14 Sample ID: K1013433-016

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	12:59	2.940e+03	8.833e+02	3.33	y	n	1.062
2	1	PCB-2	15:08	6.949e+02	2.122e+02	3.27	y	n	1.054
3	1	PCB-3	15:20	2.706e+03	8.415e+02	3.22	y	y	1.057
4	1	PCB-4	NotFnd	*	*	*	n	n	0.952
5	1	PCB-10	NotFnd	*	*	*	n	n	1.316
6	2	PCB-9	18:03	9.878e+02	9.904e+02	1.00	n	y	1.034
7	2	PCB-7	NotFnd	*	*	*	n	y	1.042
8	2	PCB-6	18:15	2.657e+03	2.150e+03	1.24	n	y	1.067
9	2	PCB-5	NotFnd	*	*	*	n	y	0.898
10	2	PCB-8	18:34	1.143e+04	7.522e+03	1.52	y	y	1.135
11	2	PCB-14	NotFnd	*	*	*	n	y	1.069
12	2	PCB-11	20:50	3.441e+03	1.715e+03	2.01	n	y	1.081
13	2	PCB-12/13	21:07	1.611e+03	9.724e+02	1.66	y	y	1.015
14	2	PCB-15	21:27	7.367e+03	4.689e+03	1.57	y	y	0.973
15	2	PCB-19	18:51	4.258e+02	4.262e+02	1.00	y	n	1.021
16	2	PCB-18/30	20:33	5.895e+03	5.438e+03	1.08	y	n	0.911
17	2	PCB-17	20:56	2.435e+03	2.303e+03	1.06	y	n	0.793
18	2	PCB-27	21:09	5.507e+02	5.234e+02	1.05	y	n	1.107
19	2	PCB-24	21:17	1.370e+02	1.236e+02	1.11	y	n	0.995
20	2	PCB-16	21:24	2.034e+03	1.975e+03	1.03	y	n	0.625
21	2	PCB-32	21:53	2.520e+03	2.436e+03	1.03	y	n	1.179
22	3	PCB-34	23:05	7.017e+01	5.369e+01	1.31	n	y	1.355
23	3	PCB-23	NotFnd	*	*	*	n	n	1.246
24	3	PCB-26/29	23:33	2.975e+03	2.869e+03	1.04	y	y	1.397
25	3	PCB-25	23:47	1.457e+03	1.343e+03	1.08	y	y	1.576
26	3	PCB-31	24:06	1.802e+04	1.714e+04	1.05	y	n	1.461
27	3	PCB-20/28	24:22	2.031e+04	1.948e+04	1.04	y	n	1.281
28	3	PCB-21/33	24:37	1.143e+04	1.052e+04	1.09	y	y	1.433
29	3	PCB-22	25:01	7.935e+03	7.362e+03	1.08	y	n	1.250
30	3	PCB-36	NotFnd	*	*	*	n	y	1.402
31	3	PCB-39	NotFnd	*	*	*	n	y	1.410
32	3	PCB-38	NotFnd	*	*	*	n	n	1.379
33	3	PCB-35	27:56	4.299e+02	4.816e+02	0.89	y	y	1.341
34	3	PCB-37	28:22	7.771e+03	7.737e+03	1.00	y	n	1.082
35	2	PCB-54	NotFnd	*	*	*	n	y	0.963
36	3	PCB-50/53	23:50	1.048e+03	1.356e+03	0.77	y	n	0.775
37	3	PCB-45/51	24:30	1.368e+03	1.772e+03	0.77	y	n	0.755
38	3	PCB-46	24:49	4.270e+02	5.812e+02	0.73	y	n	0.676
39	3	PCB-52	26:11	9.510e+03	1.227e+04	0.77	y	y	0.824
40	3	PCB-43/73	26:24	4.080e+02	4.978e+02	0.82	y	y	0.824
41	3	PCB-49/69	26:39	5.568e+03	7.006e+03	0.79	y	y	0.933
42	3	PCB-48	26:56	1.984e+03	2.476e+03	0.80	y	y	0.755
43	3	PCB-44/47/65	27:10	9.400e+03	1.172e+04	0.80	y	y	0.857
44	3	PCB-59/62/75	27:30	9.682e+02	1.184e+03	0.82	y	y	1.034
45	3	PCB-42	27:41	2.289e+03	2.887e+03	0.79	y	y	0.760
46	3	PCB-40/41/71	28:11	5.340e+03	6.528e+03	0.82	y	y	0.775
47	3	PCB-64	28:24	5.355e+03	6.647e+03	0.81	y	n	1.112
48	3	PCB-72	29:12	9.133e+01	6.244e+01	1.46	n	n	1.111
49	3	PCB-68	NotFnd	*	*	*	n	n	1.047
50	3	PCB-57	29:55	4.732e+01	3.961e+01	1.19	n	n	1.051

51	3	PCB-58	NotFnd	*	*	*	n	n	1.011
52	3	PCB-67	30:19	3.629e+02	5.230e+02	0.69	y	n	1.200
53	3	PCB-63	30:34	4.455e+02	5.837e+02	0.76	y	n	1.120
54	3	PCB-61/70/74/76	30:56	2.063e+04	2.614e+04	0.79	y	n	1.067
55	3	PCB-66	31:15	1.288e+04	1.637e+04	0.79	y	n	1.127
56	3	PCB-55	NotFnd	*	*	*	n	n	0.946
57	4	PCB-56	31:56	7.749e+03	9.876e+03	0.78	y	n	1.067
58	4	PCB-60	32:09	5.099e+03	6.451e+03	0.79	y	n	1.028
59	4	PCB-80	NotFnd	*	*	*	n	n	1.234
60	4	PCB-79	34:04	2.027e+02	3.275e+02	0.62	n	n	1.177
61	4	PCB-78	NotFnd	*	*	*	n	n	1.037
62	4	PCB-81	35:04	7.782e+01	9.235e+01	0.84	y	y	1.084
63	4	PCB-77	35:50	2.566e+03	3.172e+03	0.81	y	n	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:31	1.579e+02	1.117e+02	1.41	y	n	1.194
66	3	PCB-103	29:23	1.028e+02	7.023e+01	1.46	y	n	0.992
67	3	PCB-94	29:37	7.357e+01	4.080e+01	1.80	n	n	0.795
68	3	PCB-95	30:04	1.622e+04	1.053e+04	1.54	y	n	0.906
69	3	PCB-93/100	30:16	1.424e+02	1.028e+02	1.39	y	n	0.859
70	3	PCB-98/102	30:25	5.584e+02	3.615e+02	1.54	y	n	0.878
71	3	PCB-88/91	30:56	1.643e+03	1.080e+03	1.52	y	n	0.867
72	3	PCB-84	31:10	3.000e+03	1.968e+03	1.52	y	n	0.783
73	3	PCB-89	31:38	2.036e+02	1.294e+02	1.57	y	n	0.818
74	4	PCB-121	NotFnd	*	*	*	n	n	1.013
75	4	PCB-92	32:24	3.474e+03	2.237e+03	1.55	y	n	0.708
76	4	PCB-90/101/113	32:59	3.044e+04	1.925e+04	1.58	y	n	0.826
77	4	PCB-83/99	33:35	7.224e+03	4.565e+03	1.58	y	n	0.685
78	4	PCB-112	NotFnd	*	*	*	n	n	0.977
79	4	PCB-86/87/97/109/119/125	34:11	1.332e+04	8.639e+03	1.54	y	y	0.797
80	4	PCB-117	34:43	3.639e+02	2.735e+02	1.33	y	y	0.838
81	4	PCB-85/116	34:48	3.074e+03	2.057e+03	1.49	y	y	0.863
82	4	PCB-110/115	34:58	2.883e+04	1.836e+04	1.57	y	y	0.915
83	4	PCB-82	35:17	1.520e+03	9.360e+02	1.62	y	n	0.601
84	4	PCB-111	NotFnd	*	*	*	n	n	0.885
85	4	PCB-120	36:10	1.420e+02	1.058e+02	1.34	y	n	0.963
86	5	PCB-108/124	37:16	1.242e+03	8.318e+02	1.49	y	n	0.866
87	5	PCB-107	37:31	1.932e+03	1.296e+03	1.49	y	n	0.968
88	5	PCB-123	37:38	5.545e+02	3.953e+02	1.40	y	n	1.076
89	5	PCB-106	NotFnd	*	*	*	n	n	0.940
90	5	PCB-118	37:57	2.288e+04	1.437e+04	1.59	y	n	1.103
91	5	PCB-122	38:18	3.044e+02	2.167e+02	1.40	y	n	0.810
92	5	PCB-114	38:28	7.076e+02	6.292e+02	1.12	n	n	1.079
93	5	PCB-105	39:08	1.471e+04	9.237e+03	1.59	y	n	1.059
94	5	PCB-127	NotFnd	*	*	*	n	n	0.830
95	5	PCB-126	42:13	4.455e+02	2.843e+02	1.57	y	n	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	32:58	2.405e+01	1.942e+01	1.24	y	n	1.853
98	4	PCB-150	33:07	1.320e+02	1.080e+02	1.22	y	n	1.682
99	4	PCB-136	33:35	1.162e+04	9.291e+03	1.25	y	n	1.766
100	4	PCB-145	NotFnd	*	*	*	n	n	1.604
101	4	PCB-148	35:15	2.596e+01	2.643e+01	0.98	n	n	1.276
102	4	PCB-135/151	35:59	2.985e+04	2.364e+04	1.26	y	n	1.179
103	4	PCB-154	36:10	4.252e+02	3.029e+02	1.40	y	n	1.407
104	4	PCB-144	36:28	4.600e+03	3.704e+03	1.24	y	n	1.260
105	5	PCB-147/149	36:51	6.912e+04	5.454e+04	1.27	y	n	0.991
106	5	PCB-134	NotFnd	*	*	*	n	n	0.813
107	5	PCB-143	37:03	2.474e+03	1.961e+03	1.26	y	n	0.960

108	5	PCB-139/140	37:24	3.764e+02	3.006e+02	1.25	y	n	0.965
109	5	PCB-131	37:37	4.305e+02	3.624e+02	1.19	y	n	0.872
110	5	PCB-142	NotFnd	*	*	*	n	n	0.854
111	5	PCB-132	38:05	1.944e+04	1.567e+04	1.24	y	n	0.790
112	5	PCB-133	38:32	8.752e+02	6.696e+02	1.31	y	n	0.855
113	5	PCB-165	NotFnd	*	*	*	n	n	1.061
114	5	PCB-146	39:10	1.286e+04	1.043e+04	1.23	y	n	1.065
115	5	PCB-161	NotFnd	*	*	*	n	n	1.190
116	5	PCB-153/168	39:48	1.048e+05	8.376e+04	1.25	y	n	1.103
117	5	PCB-141	40:02	2.192e+04	1.736e+04	1.26	y	n	0.907
118	5	PCB-130	40:26	2.798e+03	2.195e+03	1.27	y	n	0.768
119	5	PCB-137	40:40	8.021e+02	6.641e+02	1.21	y	n	0.803
120	5	PCB-164	40:47	7.428e+03	6.032e+03	1.23	y	n	1.158
121	5	PCB-129/138/163	41:03	6.980e+04	5.592e+04	1.25	y	n	0.876
122	5	PCB-160	NotFnd	*	*	*	n	n	1.150
123	5	PCB-158	41:27	1.024e+04	8.144e+03	1.26	y	n	1.220
124	5	PCB-128/166	42:20	8.490e+03	6.892e+03	1.23	y	n	1.005
125	6	PCB-159	43:16	2.045e+03	1.650e+03	1.24	y	n	0.869
126	6	PCB-162	43:34	2.699e+02	1.943e+02	1.39	y	n	0.831
127	6	PCB-167	44:03	3.293e+03	2.607e+03	1.26	y	n	1.030
128	6	PCB-156/157	45:10	6.880e+03	5.527e+03	1.24	y	n	1.064
129	6	PCB-169	48:20	2.226e+02	1.753e+02	1.27	y	n	1.036
130	5	PCB-188	NotFnd	*	*	*	n	n	0.950
131	5	PCB-179	38:48	2.000e+04	1.911e+04	1.05	y	n	1.316
132	5	PCB-184	NotFnd	*	*	*	n	n	1.279
133	5	PCB-176	39:40	6.228e+03	5.953e+03	1.05	y	n	1.292
134	5	PCB-186	NotFnd	*	*	*	n	n	1.168
135	5	PCB-178	41:31	7.244e+03	6.994e+03	1.04	y	n	0.835
136	5	PCB-175	42:07	1.687e+03	1.634e+03	1.03	y	n	0.875
137	5	PCB-187	42:23	5.172e+04	4.956e+04	1.04	y	n	1.073
138	5	PCB-182	42:35	1.633e+02	1.402e+02	1.16	y	n	0.901
139	6	PCB-183	43:00	2.019e+04	1.959e+04	1.03	y	y	0.617
140	6	PCB-185	43:05	3.796e+03	3.273e+03	1.16	y	y	0.496
141	6	PCB-174	43:16	3.326e+04	3.155e+04	1.05	y	n	0.556
142	6	PCB-177	43:41	1.699e+04	1.608e+04	1.06	y	n	0.517
143	6	PCB-181	NotFnd	*	*	*	n	n	0.507
144	6	PCB-171/173	44:19	8.837e+03	8.607e+03	1.03	y	n	0.483
145	6	PCB-172	45:53	5.615e+03	5.172e+03	1.09	y	n	0.433
146	6	PCB-192	NotFnd	*	*	*	n	n	0.519
147	6	PCB-180/193	46:32	9.153e+04	8.766e+04	1.04	y	n	0.522
148	6	PCB-191	46:54	2.021e+03	1.874e+03	1.08	y	n	0.544
149	6	PCB-170	47:48	2.982e+04	2.837e+04	1.05	y	n	0.373
150	6	PCB-190	48:19	9.101e+03	8.460e+03	1.08	y	n	0.526
151	6	PCB-189	50:51	1.432e+03	1.423e+03	1.01	y	n	0.912
152	6	PCB-202	43:48	2.910e+03	3.283e+03	0.89	y	n	0.869
153	6	PCB-201	44:43	2.466e+03	2.703e+03	0.91	y	n	1.034
154	6	PCB-204	NotFnd	*	*	*	n	n	0.989
155	6	PCB-197	45:35	6.755e+02	7.260e+02	0.93	y	n	0.969
156	6	PCB-200	45:42	2.499e+03	2.793e+03	0.89	y	n	1.020
157	6	PCB-198/199	48:30	1.545e+04	1.755e+04	0.88	y	n	0.558
158	6	PCB-196	49:07	8.299e+03	8.969e+03	0.93	y	n	0.588
159	6	PCB-203	49:19	1.061e+04	1.181e+04	0.90	y	n	0.582
160	6	PCB-195	50:38	6.320e+03	7.063e+03	0.89	y	n	0.519
161	6	PCB-194	52:56	1.675e+04	1.866e+04	0.90	y	n	0.498
162	6	PCB-205	53:24	1.168e+03	1.181e+03	0.99	y	n	0.933
163	6	PCB-208	50:22	8.360e+02	1.014e+03	0.82	y	n	0.915
164	6	PCB-207	51:18	5.937e+02	7.199e+02	0.82	y	n	1.135

165	7	PCB-206	55:08	3.545e+03	4.570e+03	0.78	y	n	0.937
166	7	PCB-209	56:42	4.700e+02	4.065e+02	1.16	y	n	0.925
167	1	PCB-1L	12:59	2.136e+04	6.603e+03	3.23	y	n	1.162
168	1	PCB-3L	15:19	2.093e+04	6.027e+03	3.47	y	n	1.187
169	1	PCB-4L	15:34	1.059e+04	6.673e+03	1.59	y	y	0.907
170	2	PCB-15L	21:25	1.675e+04	1.019e+04	1.64	y	n	1.030
171	2	PCB-19L	18:50	5.731e+03	5.308e+03	1.08	y	n	0.615
172	3	PCB-37L	28:20	1.879e+04	1.697e+04	1.11	y	n	1.320
173	2	PCB-54L	21:44	8.228e+03	1.041e+04	0.79	y	n	1.261
174	4	PCB-81L	35:04	1.423e+04	1.781e+04	0.80	y	n	1.088
175	4	PCB-77L	35:50	1.505e+04	1.863e+04	0.81	y	n	1.091
176	3	PCB-104L	27:06	1.559e+04	9.936e+03	1.57	y	n	1.480
177	5	PCB-123L	37:37	2.054e+04	1.269e+04	1.62	y	n	1.214
178	5	PCB-118L	37:55	2.048e+04	1.286e+04	1.59	y	n	1.246
179	5	PCB-114L	38:26	2.055e+04	1.270e+04	1.62	y	n	1.236
180	5	PCB-105L	39:07	2.165e+04	1.355e+04	1.60	y	n	1.197
181	5	PCB-126L	42:11	2.292e+04	1.445e+04	1.59	y	n	1.105
182	4	PCB-155L	32:42	1.676e+04	1.346e+04	1.25	y	n	1.599
183	6	PCB-167L	44:01	1.610e+04	1.271e+04	1.27	y	n	1.051
184	6	PCB-156/157L	45:11	3.202e+04	2.495e+04	1.28	y	n	0.962
185	6	PCB-169L	48:22	1.611e+04	1.254e+04	1.28	y	n	0.886
186	5	PCB-188L	38:24	1.631e+04	1.560e+04	1.05	y	n	2.483
187	6	PCB-189L	50:50	1.364e+04	1.304e+04	1.05	y	n	1.503
188	6	PCB-202L	43:46	1.135e+04	1.280e+04	0.89	y	n	1.757
189	6	PCB-205L	53:23	1.300e+04	1.429e+04	0.91	y	n	1.317
190	6	PCB-208L	50:21	1.098e+04	1.401e+04	0.78	y	n	1.446
191	7	PCB-206L	55:06	8.566e+03	1.106e+04	0.77	y	n	1.176
192	7	PCB-209L	56:41	1.221e+04	1.024e+04	1.19	y	n	1.606
193	3	PCB-28L	24:21	1.882e+04	1.703e+04	1.11	y	n	1.538
194	4	PCB-111L	35:44	1.711e+04	1.083e+04	1.58	y	n	1.238
195	5	PCB-178L	41:29	1.165e+04	1.105e+04	1.05	y	n	1.355
196	2	PCB-9L	18:02	1.884e+04	1.134e+04	1.66	y	n	-
197	3	PCB-52L	26:09	1.294e+04	1.627e+04	0.80	y	n	-
198	4	PCB-101L	32:57	1.943e+04	1.218e+04	1.60	y	n	-
199	5	PCB-138L	41:02	1.957e+04	1.542e+04	1.27	y	n	-
200	6	PCB-194L	52:55	1.295e+04	1.440e+04	0.90	y	n	-

-- Sample Calculation--

$$\text{PCB-209} = \frac{(4.700e+02 + 4.065e+02) \times (100.0 \times 100.0) \text{ pg} \times 1}{(1.221e+04 + 1.024e+04) \times (5.541 \text{ g}) \times (100) / 100 \times 0.9245} = 76.3 \mu\text{g/g}$$

Handwritten signature and date: 1/19/11

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sp166respa
 02/2009

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio SummaryCLIENT ID.
USEN-RO-03-1

Run #10 Filename U224771#1 Samp: 1 Inj: 1 Acquired: 17-JAN-11 10:06:23

Processed: 18-JAN-11 11:18:14 LAB. ID: K1013433-016

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	1.71e+05	1.66e+03	1.0e+02	5.51e+04	1.88e+03	2.9e+01
2	PCB-2	1.11e+05	1.66e+03	6.7e+01	3.37e+04	1.88e+03	1.8e+01
3	PCB-3	2.20e+05	1.66e+03	1.3e+02	6.54e+04	1.88e+03	3.5e+01
4	PCB-4	*	3.58e+03	*	*	5.51e+04	*
5	PCB-10	*	3.58e+03	*	*	5.51e+04	*
6	PCB-9	3.22e+05	4.43e+03	7.3e+01	2.89e+05	3.79e+04	7.6e+00
7	PCB-7	*	4.43e+03	*	*	3.79e+04	*
8	PCB-6	8.22e+05	4.43e+03	1.9e+02	5.97e+05	3.79e+04	1.6e+01
9	PCB-5	*	4.43e+03	*	*	3.79e+04	*
10	PCB-8	3.00e+06	4.43e+03	6.8e+02	1.98e+06	3.79e+04	5.2e+01
11	PCB-14	*	4.43e+03	*	*	3.79e+04	*
12	PCB-11	7.31e+05	4.43e+03	1.7e+02	4.53e+05	3.79e+04	1.2e+01
13	PCB-12/13	3.24e+05	4.43e+03	7.3e+01	2.06e+05	3.79e+04	5.4e+00
14	PCB-15	1.67e+06	4.43e+03	3.8e+02	1.07e+06	3.79e+04	2.8e+01
15	PCB-19	1.16e+05	4.83e+03	2.4e+01	1.09e+05	1.48e+03	7.3e+01
16	PCB-18/30	1.52e+06	4.83e+03	3.1e+02	1.40e+06	1.48e+03	9.5e+02
17	PCB-17	5.77e+05	4.83e+03	1.2e+02	5.47e+05	1.48e+03	3.7e+02
18	PCB-27	1.35e+05	4.83e+03	2.8e+01	1.31e+05	1.48e+03	8.8e+01
19	PCB-24	3.80e+04	4.83e+03	7.9e+00	3.13e+04	1.48e+03	2.1e+01
20	PCB-16	4.69e+05	4.83e+03	9.7e+01	4.63e+05	1.48e+03	3.1e+02
21	PCB-32	5.75e+05	4.83e+03	1.2e+02	5.61e+05	1.48e+03	3.8e+02
22	PCB-34	1.55e+04	2.29e+03	6.8e+00	1.16e+04	3.44e+03	3.4e+00
23	PCB-23	*	2.29e+03	*	*	3.44e+03	*
24	PCB-26/29	5.91e+05	2.29e+03	2.6e+02	5.84e+05	3.44e+03	1.7e+02
25	PCB-25	2.75e+05	2.29e+03	1.2e+02	2.48e+05	3.44e+03	7.2e+01
26	PCB-31	3.45e+06	2.29e+03	1.5e+03	3.31e+06	3.44e+03	9.6e+02
27	PCB-20/28	3.76e+06	2.29e+03	1.6e+03	3.59e+06	3.44e+03	1.0e+03
28	PCB-21/33	2.07e+06	2.29e+03	9.1e+02	1.93e+06	3.44e+03	5.6e+02
29	PCB-22	1.47e+06	2.29e+03	6.4e+02	1.39e+06	3.44e+03	4.0e+02
30	PCB-36	*	2.29e+03	*	*	3.44e+03	*
31	PCB-39	*	2.29e+03	*	*	3.44e+03	*
32	PCB-38	*	2.29e+03	*	*	3.44e+03	*
33	PCB-35	8.82e+04	2.29e+03	3.9e+01	8.98e+04	3.44e+03	2.6e+01
34	PCB-37	1.27e+06	2.29e+03	5.5e+02	1.23e+06	3.44e+03	3.6e+02
35	PCB-54	*	1.32e+03	*	*	1.09e+03	*
36	PCB-50/53	2.15e+05	1.40e+03	1.5e+02	2.67e+05	1.09e+03	2.5e+02
37	PCB-45/51	2.20e+05	1.40e+03	1.6e+02	2.69e+05	1.09e+03	2.5e+02
38	PCB-46	8.46e+04	1.40e+03	6.1e+01	1.13e+05	1.09e+03	1.0e+02
39	PCB-52	1.84e+06	1.40e+03	1.3e+03	2.38e+06	1.09e+03	2.2e+03
40	PCB-43/73	6.67e+04	1.40e+03	4.8e+01	8.44e+04	1.09e+03	7.8e+01
41	PCB-49/69	1.04e+06	1.40e+03	7.5e+02	1.33e+06	1.09e+03	1.2e+03
42	PCB-48	3.70e+05	1.40e+03	2.6e+02	4.67e+05	1.09e+03	4.3e+02
43	PCB-44/47/65	1.64e+06	1.40e+03	1.2e+03	2.08e+06	1.09e+03	1.9e+03
44	PCB-59/62/75	1.77e+05	1.40e+03	1.3e+02	2.10e+05	1.09e+03	1.9e+02
45	PCB-42	4.44e+05	1.40e+03	3.2e+02	5.65e+05	1.09e+03	5.2e+02
46	PCB-40/41/71	8.44e+05	1.40e+03	6.0e+02	1.06e+06	1.09e+03	9.7e+02
47	PCB-64	9.59e+05	1.40e+03	6.9e+02	1.20e+06	1.09e+03	1.1e+03

48	PCB-72	1.87e+04	1.40e+03	1.3e+01	1.53e+04	1.09e+03	1.4e+01
49	PCB-68	*	1.40e+03	*	*	1.09e+03	*
50	PCB-57	9.33e+03	1.40e+03	6.7e+00	1.09e+04	1.09e+03	1.0e+01
51	PCB-58	*	1.40e+03	*	*	1.09e+03	*
52	PCB-67	6.14e+04	1.40e+03	4.4e+01	7.84e+04	1.09e+03	7.2e+01
53	PCB-63	7.61e+04	1.40e+03	5.5e+01	1.04e+05	1.09e+03	9.5e+01
54	PCB-61/70/74/76	2.64e+06	1.40e+03	1.9e+03	3.33e+06	1.09e+03	3.1e+03
55	PCB-66	2.14e+06	1.40e+03	1.5e+03	2.74e+06	1.09e+03	2.5e+03
56	PCB-55	*	1.40e+03	*	*	1.09e+03	*
57	PCB-56	1.33e+06	4.23e+03	3.1e+02	1.70e+06	4.63e+03	3.7e+02
58	PCB-60	8.17e+05	4.23e+03	1.9e+02	1.05e+06	4.63e+03	2.3e+02
59	PCB-80	*	4.23e+03	*	*	4.63e+03	*
60	PCB-79	4.30e+04	4.23e+03	1.0e+01	5.84e+04	4.63e+03	1.3e+01
61	PCB-78	*	4.23e+03	*	*	4.63e+03	*
62	PCB-81	1.52e+04	4.23e+03	3.6e+00	1.93e+04	4.63e+03	4.2e+00
63	PCB-77	3.05e+05	4.23e+03	7.2e+01	3.62e+05	4.63e+03	7.8e+01
64	PCB-104	*	1.23e+03	*	*	1.36e+03	*
65	PCB-96	3.20e+04	1.23e+03	2.6e+01	2.01e+04	1.36e+03	1.5e+01
66	PCB-103	2.07e+04	1.23e+03	1.7e+01	1.37e+04	1.36e+03	1.0e+01
67	PCB-94	1.45e+04	1.23e+03	1.2e+01	8.69e+03	1.36e+03	6.4e+00
68	PCB-95	3.08e+06	1.23e+03	2.5e+03	1.98e+06	1.36e+03	1.5e+03
69	PCB-93/100	2.93e+04	1.23e+03	2.4e+01	2.07e+04	1.36e+03	1.5e+01
70	PCB-98/102	9.80e+04	1.23e+03	8.0e+01	6.22e+04	1.36e+03	4.6e+01
71	PCB-88/91	2.92e+05	1.23e+03	2.4e+02	1.92e+05	1.36e+03	1.4e+02
72	PCB-84	5.54e+05	1.23e+03	4.5e+02	3.65e+05	1.36e+03	2.7e+02
73	PCB-89	4.01e+04	1.23e+03	3.3e+01	2.62e+04	1.36e+03	1.9e+01
74	PCB-121	*	2.35e+03	*	*	2.44e+03	*
75	PCB-92	6.28e+05	2.35e+03	2.7e+02	4.05e+05	2.44e+03	1.7e+02
76	PCB-90/101/113	5.41e+06	2.35e+03	2.3e+03	3.45e+06	2.44e+03	1.4e+03
77	PCB-83/99	1.03e+06	2.35e+03	4.4e+02	6.49e+05	2.44e+03	2.7e+02
78	PCB-112	*	2.35e+03	*	*	2.44e+03	*
79	CB-86/87/97/109/119/125	1.41e+06	2.35e+03	6.0e+02	9.12e+05	2.44e+03	3.7e+02
80	PCB-117	8.94e+04	2.35e+03	3.8e+01	5.86e+04	2.44e+03	2.4e+01
81	PCB-85/116	5.79e+05	2.35e+03	2.5e+02	3.62e+05	2.44e+03	1.5e+02
82	PCB-110/115	4.85e+06	2.35e+03	2.1e+03	3.09e+06	2.44e+03	1.3e+03
83	PCB-82	2.22e+05	2.35e+03	9.5e+01	1.50e+05	2.44e+03	6.1e+01
84	PCB-111	*	2.35e+03	*	*	2.44e+03	*
85	PCB-120	2.81e+04	2.35e+03	1.2e+01	2.06e+04	2.44e+03	8.5e+00
86	PCB-108/124	2.37e+05	1.73e+04	1.4e+01	1.59e+05	1.29e+04	1.2e+01
87	PCB-107	3.71e+05	1.73e+04	2.1e+01	2.35e+05	1.29e+04	1.8e+01
88	PCB-123	1.13e+05	1.73e+04	6.6e+00	7.68e+04	1.29e+04	6.0e+00
89	PCB-106	*	1.73e+04	*	*	1.29e+04	*
90	PCB-118	4.29e+06	1.73e+04	2.5e+02	2.66e+06	1.29e+04	2.1e+02
91	PCB-122	6.64e+04	1.73e+04	3.8e+00	4.08e+04	1.29e+04	3.2e+00
92	PCB-114	1.17e+05	1.73e+04	6.7e+00	7.36e+04	1.29e+04	5.7e+00
93	PCB-105	2.40e+06	1.73e+04	1.4e+02	1.52e+06	1.29e+04	1.2e+02
94	PCB-127	*	1.73e+04	*	*	1.29e+04	*
95	PCB-126	8.61e+04	1.73e+04	5.0e+00	5.08e+04	1.29e+04	3.9e+00
96	PCB-155	*	1.60e+03	*	*	1.08e+03	*
97	PCB-152	5.10e+03	1.60e+03	3.2e+00	4.96e+03	1.08e+03	4.6e+00
98	PCB-150	2.62e+04	1.60e+03	1.6e+01	2.15e+04	1.08e+03	2.0e+01
99	PCB-136	1.83e+06	1.60e+03	1.1e+03	1.47e+06	1.08e+03	1.4e+03
100	PCB-145	*	1.60e+03	*	*	1.08e+03	*
101	PCB-148	6.22e+03	1.60e+03	3.9e+00	7.69e+03	1.08e+03	7.1e+00
102	PCB-135/151	4.13e+06	1.60e+03	2.6e+03	3.27e+06	1.08e+03	3.0e+03
103	PCB-154	8.30e+04	1.60e+03	5.2e+01	6.43e+04	1.08e+03	6.0e+01
104	PCB-144	8.52e+05	1.60e+03	5.3e+02	6.89e+05	1.08e+03	6.4e+02

Run #10

Filename U224771#1 Samp: 1

Acquired: 17-JAN-11 10:06:23

105	PCB-147/149	1.14e+07	4.28e+03	2.7e+03	9.01e+06	3.05e+03	3.0e+03
106	PCB-134	*	4.28e+03	*	*	3.05e+03	*
107	PCB-143	4.79e+05	4.28e+03	1.1e+02	3.67e+05	3.05e+03	1.2e+02
108	PCB-139/140	7.16e+04	4.28e+03	1.7e+01	5.60e+04	3.05e+03	1.8e+01
109	PCB-131	7.92e+04	4.28e+03	1.9e+01	7.25e+04	3.05e+03	2.4e+01
110	PCB-142	*	4.28e+03	*	*	3.05e+03	*
111	PCB-132	3.76e+06	4.28e+03	8.8e+02	3.05e+06	3.05e+03	1.0e+03
112	PCB-133	1.60e+05	4.28e+03	3.7e+01	1.29e+05	3.05e+03	4.2e+01
113	PCB-165	*	4.28e+03	*	*	3.05e+03	*
114	PCB-146	2.31e+06	4.28e+03	5.4e+02	1.87e+06	3.05e+03	6.1e+02
115	PCB-161	*	4.28e+03	*	*	3.05e+03	*
116	PCB-153/168	1.84e+07	4.28e+03	4.3e+03	1.46e+07	3.05e+03	4.8e+03
117	PCB-141	3.51e+06	4.28e+03	8.2e+02	2.79e+06	3.05e+03	9.2e+02
118	PCB-130	5.11e+05	4.28e+03	1.2e+02	4.05e+05	3.05e+03	1.3e+02
119	PCB-137	1.48e+05	4.28e+03	3.5e+01	1.17e+05	3.05e+03	3.8e+01
120	PCB-164	1.40e+06	4.28e+03	3.3e+02	1.14e+06	3.05e+03	3.7e+02
121	PCB-129/138/163	1.07e+07	4.28e+03	2.5e+03	8.59e+06	3.05e+03	2.8e+03
122	PCB-160	*	4.28e+03	*	*	3.05e+03	*
123	PCB-158	1.81e+06	4.28e+03	4.2e+02	1.43e+06	3.05e+03	4.7e+02
124	PCB-128/166	1.28e+06	4.28e+03	3.0e+02	1.01e+06	3.05e+03	3.3e+02
125	PCB-159	4.46e+05	5.41e+03	8.2e+01	3.56e+05	3.76e+03	9.5e+01
126	PCB-162	6.82e+04	5.41e+03	1.3e+01	4.94e+04	3.76e+03	1.3e+01
127	PCB-167	7.16e+05	5.41e+03	1.3e+02	5.66e+05	3.76e+03	1.5e+02
128	PCB-156/157	1.39e+06	5.41e+03	2.6e+02	1.12e+06	3.76e+03	3.0e+02
129	PCB-169	3.87e+04	5.41e+03	7.1e+00	2.95e+04	3.76e+03	7.8e+00
130	PCB-188	*	8.96e+02	*	*	1.22e+03	*
131	PCB-179	3.66e+06	8.96e+02	4.1e+03	3.53e+06	1.22e+03	2.9e+03
132	PCB-184	*	8.96e+02	*	*	1.22e+03	*
133	PCB-176	1.10e+06	8.96e+02	1.2e+03	1.05e+06	1.22e+03	8.6e+02
134	PCB-186	*	8.96e+02	*	*	1.22e+03	*
135	PCB-178	1.37e+06	8.96e+02	1.5e+03	1.32e+06	1.22e+03	1.1e+03
136	PCB-175	3.13e+05	8.96e+02	3.5e+02	3.01e+05	1.22e+03	2.5e+02
137	PCB-187	9.54e+06	8.96e+02	1.1e+04	9.18e+06	1.22e+03	7.5e+03
138	PCB-182	3.30e+04	8.96e+02	3.7e+01	3.04e+04	1.22e+03	2.5e+01
139	PCB-183	4.58e+06	9.76e+03	4.7e+02	4.30e+06	5.98e+03	7.2e+02
140	PCB-185	1.00e+06	9.76e+03	1.0e+02	9.66e+05	5.98e+03	1.6e+02
141	PCB-174	7.26e+06	9.76e+03	7.4e+02	6.84e+06	5.98e+03	1.1e+03
142	PCB-177	3.49e+06	9.76e+03	3.6e+02	3.28e+06	5.98e+03	5.5e+02
143	PCB-181	*	9.76e+03	*	*	5.98e+03	*
144	PCB-171/173	1.92e+06	9.76e+03	2.0e+02	1.87e+06	5.98e+03	3.1e+02
145	PCB-172	1.24e+06	9.76e+03	1.3e+02	1.13e+06	5.98e+03	1.9e+02
146	PCB-192	*	9.76e+03	*	*	5.98e+03	*
147	PCB-180/193	1.88e+07	9.76e+03	1.9e+03	1.81e+07	5.98e+03	3.0e+03
148	PCB-191	4.29e+05	9.76e+03	4.4e+01	3.96e+05	5.98e+03	6.6e+01
149	PCB-170	6.43e+06	9.76e+03	6.6e+02	6.13e+06	5.98e+03	1.0e+03
150	PCB-190	1.93e+06	9.76e+03	2.0e+02	1.83e+06	5.98e+03	3.1e+02
151	PCB-189	2.96e+05	9.76e+03	3.0e+01	2.77e+05	5.98e+03	4.6e+01
152	PCB-202	6.34e+05	1.18e+03	5.4e+02	7.16e+05	1.19e+03	6.0e+02
153	PCB-201	5.34e+05	1.18e+03	4.5e+02	5.80e+05	1.19e+03	4.9e+02
154	PCB-204	*	1.18e+03	*	*	1.19e+03	*
155	PCB-197	1.67e+05	1.18e+03	1.4e+02	1.68e+05	1.19e+03	1.4e+02
156	PCB-200	5.05e+05	1.18e+03	4.3e+02	5.81e+05	1.19e+03	4.9e+02
157	PCB-198/199	3.16e+06	1.18e+03	2.7e+03	3.53e+06	1.19e+03	3.0e+03
158	PCB-196	1.78e+06	1.18e+03	1.5e+03	1.92e+06	1.19e+03	1.6e+03
159	PCB-203	2.18e+06	1.18e+03	1.9e+03	2.43e+06	1.19e+03	2.0e+03
160	PCB-195	1.32e+06	1.18e+03	1.1e+03	1.48e+06	1.19e+03	1.2e+03
161	PCB-194	3.50e+06	1.18e+03	3.0e+03	3.89e+06	1.19e+03	3.3e+03
162	PCB-205	2.43e+05	1.18e+03	2.1e+02	2.48e+05	1.19e+03	2.1e+02

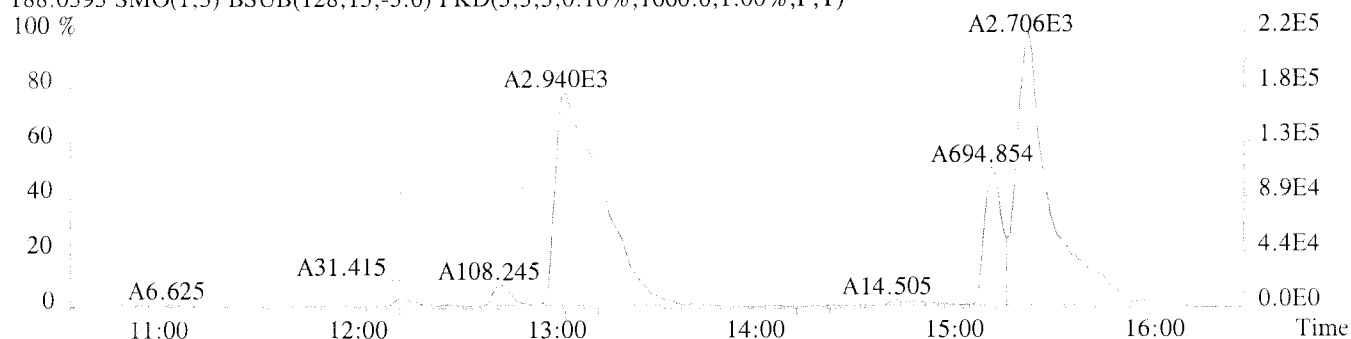
Run #10

Filename U224771#1 Samp: 1

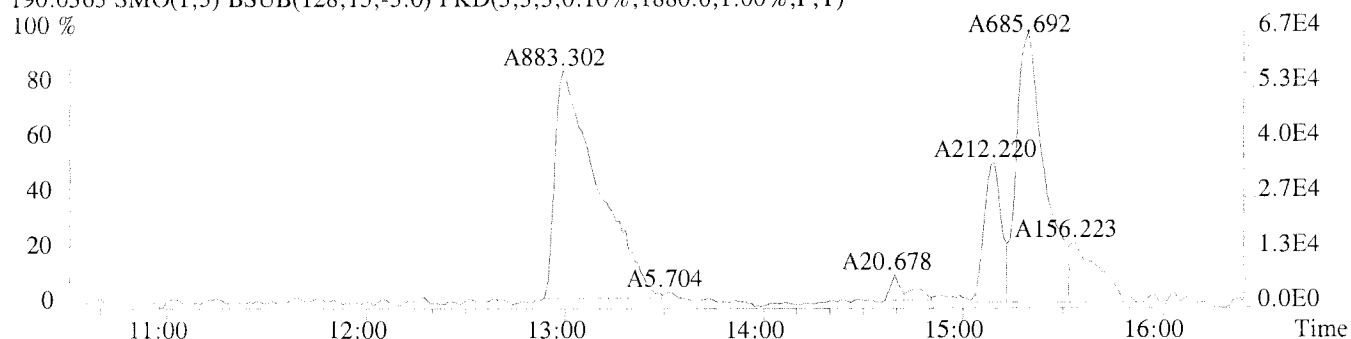
Acquired: 17-JAN-11 10:06:23

163	PCB-208	1.75e+05	1.02e+03	1.7e+02	2.16e+05	9.92e+02	2.2e+02
164	PCB-207	1.18e+05	1.02e+03	1.2e+02	1.53e+05	9.92e+02	1.5e+02
165	PCB-206	6.83e+05	1.38e+03	4.9e+02	8.73e+05	1.36e+03	6.4e+02
166	PCB-209	8.96e+04	9.96e+02	9.0e+01	7.57e+04	9.16e+02	8.3e+01
167	PCB-1L	1.31e+06	1.78e+03	7.3e+02	4.25e+05	1.51e+04	2.8e+01
168	PCB-3L	1.86e+06	1.78e+03	1.0e+03	5.79e+05	1.51e+04	3.8e+01
169	PCB-4L	5.41e+05	2.92e+03	1.9e+02	3.42e+05	1.91e+03	1.8e+02
170	PCB-15L	3.89e+06	6.55e+03	5.9e+02	2.36e+06	2.94e+03	8.0e+02
171	PCB-19L	1.48e+06	8.54e+04	1.7e+01	1.40e+06	1.14e+05	1.2e+01
172	PCB-37L	3.11e+06	1.91e+04	1.6e+02	2.80e+06	2.30e+04	1.2e+02
173	PCB-54L	1.93e+06	7.96e+03	2.4e+02	2.43e+06	1.38e+03	1.8e+03
174	PCB-81L	2.15e+06	2.52e+03	8.5e+02	2.66e+06	1.49e+03	1.8e+03
175	PCB-77L	1.61e+06	2.52e+03	6.4e+02	1.93e+06	1.49e+03	1.3e+03
176	PCB-104L	3.02e+06	1.09e+03	2.8e+03	1.94e+06	1.27e+03	1.5e+03
177	PCB-123L	3.73e+06	5.40e+03	6.9e+02	2.29e+06	2.12e+03	1.1e+03
178	PCB-118L	3.72e+06	5.40e+03	6.9e+02	2.35e+06	2.12e+03	1.1e+03
179	PCB-114L	3.77e+06	5.40e+03	7.0e+02	2.34e+06	2.12e+03	1.1e+03
180	PCB-105L	3.60e+06	5.40e+03	6.7e+02	2.29e+06	2.12e+03	1.1e+03
181	PCB-126L	3.82e+06	5.40e+03	7.1e+02	2.38e+06	2.12e+03	1.1e+03
182	PCB-155L	3.14e+06	1.11e+03	2.8e+03	2.52e+06	1.10e+03	2.3e+03
183	PCB-167L	3.42e+06	1.72e+03	2.0e+03	2.72e+06	2.08e+03	1.3e+03
184	PCB-156/157L	5.08e+06	1.72e+03	2.9e+03	3.93e+06	2.08e+03	1.9e+03
185	PCB-169L	3.07e+06	1.72e+03	1.8e+03	2.41e+06	2.08e+03	1.2e+03
186	PCB-188L	3.04e+06	9.88e+02	3.1e+03	2.89e+06	1.49e+03	1.9e+03
187	PCB-189L	2.72e+06	1.29e+03	2.1e+03	2.61e+06	9.76e+02	2.7e+03
188	PCB-202L	2.47e+06	1.19e+03	2.1e+03	2.81e+06	1.31e+03	2.2e+03
189	PCB-205L	2.73e+06	1.19e+03	2.3e+03	3.00e+06	1.31e+03	2.3e+03
190	PCB-208L	2.35e+06	9.72e+02	2.4e+03	3.01e+06	9.52e+02	3.2e+03
191	PCB-206L	1.61e+06	1.47e+03	1.1e+03	2.09e+06	1.26e+03	1.7e+03
192	PCB-209L	2.34e+06	1.02e+03	2.3e+03	1.98e+06	1.14e+03	1.7e+03
193	PCB-28L	3.63e+06	1.91e+04	1.9e+02	3.28e+06	2.30e+04	1.4e+02
194	PCB-111L	1.78e+06	1.09e+03	1.6e+03	1.14e+06	1.60e+03	7.1e+02
195	PCB-178L	2.25e+06	9.88e+02	2.3e+03	2.12e+06	1.49e+03	1.4e+03
196	PCB-9L	6.08e+06	6.55e+03	9.3e+02	3.68e+06	2.94e+03	1.3e+03
197	PCB-52L	2.51e+06	3.10e+03	8.1e+02	3.20e+06	1.25e+03	2.6e+03
198	PCB-101L	3.44e+06	1.09e+03	3.1e+03	2.14e+06	1.60e+03	1.3e+03
199	PCB-138L	3.56e+06	1.44e+03	2.5e+03	2.76e+06	1.23e+03	2.2e+03
200	PCB-194L	2.72e+06	1.19e+03	2.3e+03	3.03e+06	1.31e+03	2.3e+03

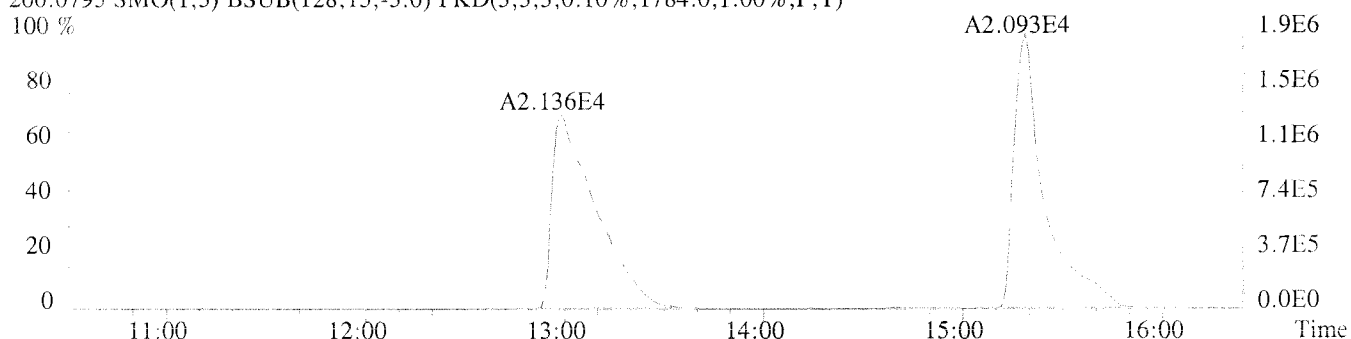
File:U224771 #1-379 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-016 USENRO031
 188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1660.0,1.00%,F,T)
 100 %



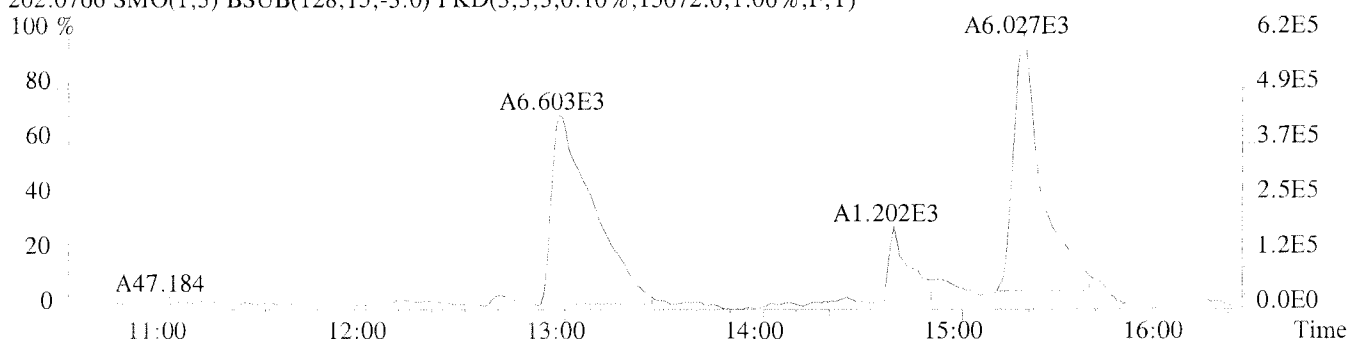
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1880.0,1.00%,F,T)
 100 %



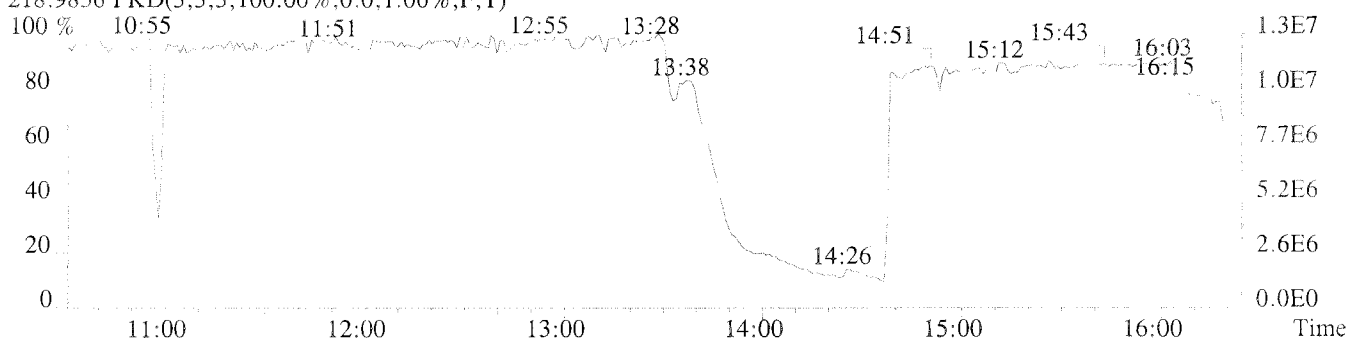
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1784.0,1.00%,F,T)
 100 %



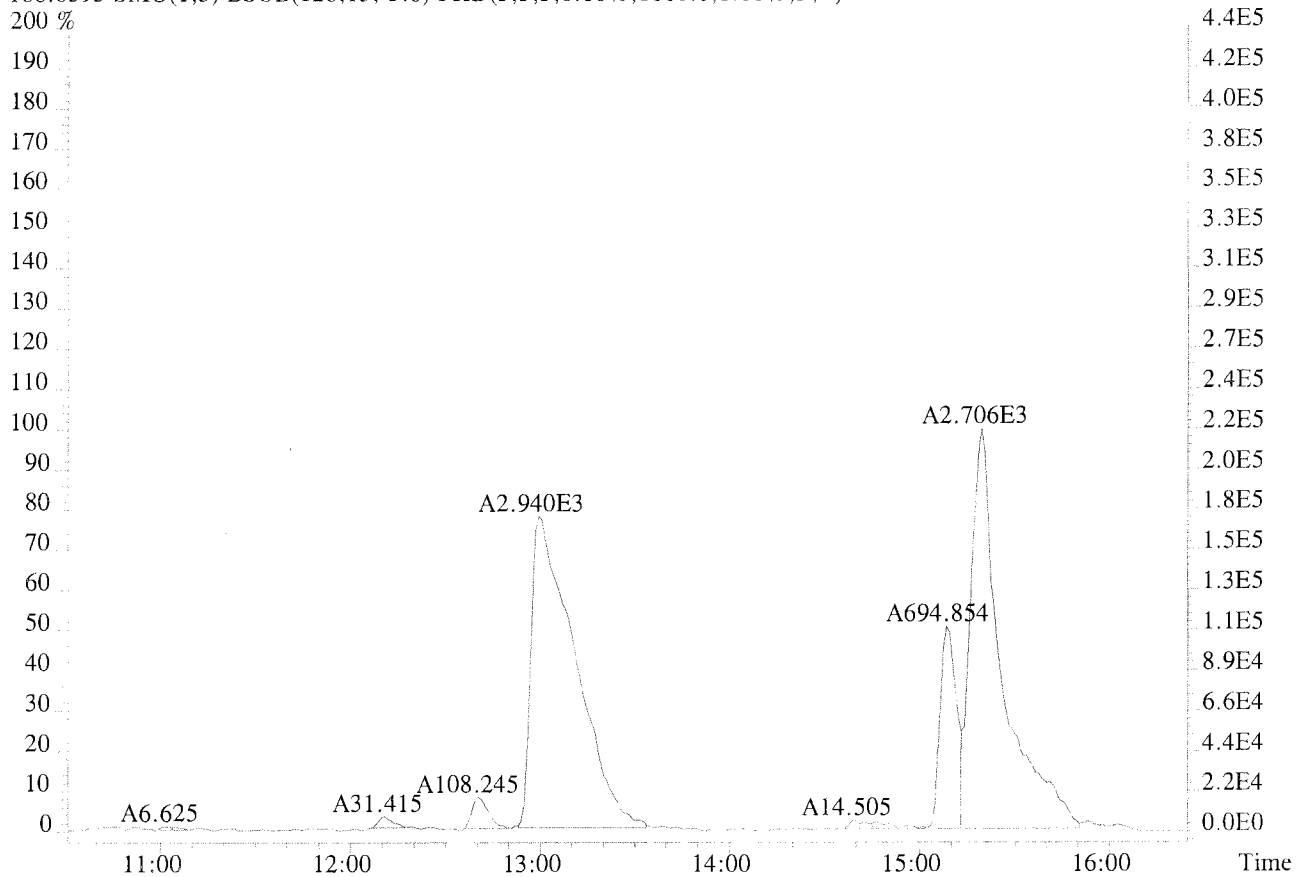
202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15072.0,1.00%,F,T)
 100 %



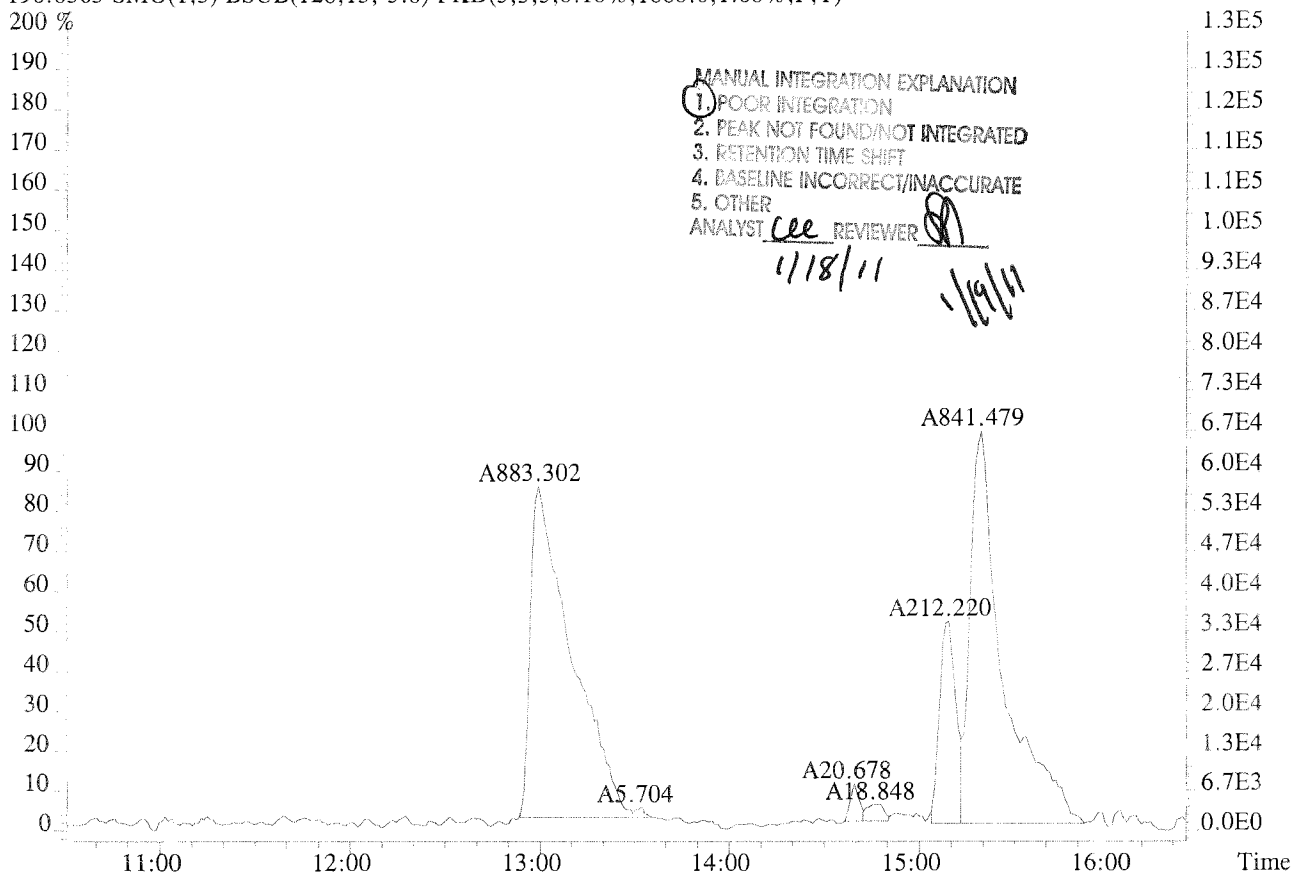
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)
 100 %



File:U224771 #1-379 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-016 USENRO031
 188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1660.0,1.00%,F,T)
 200 %

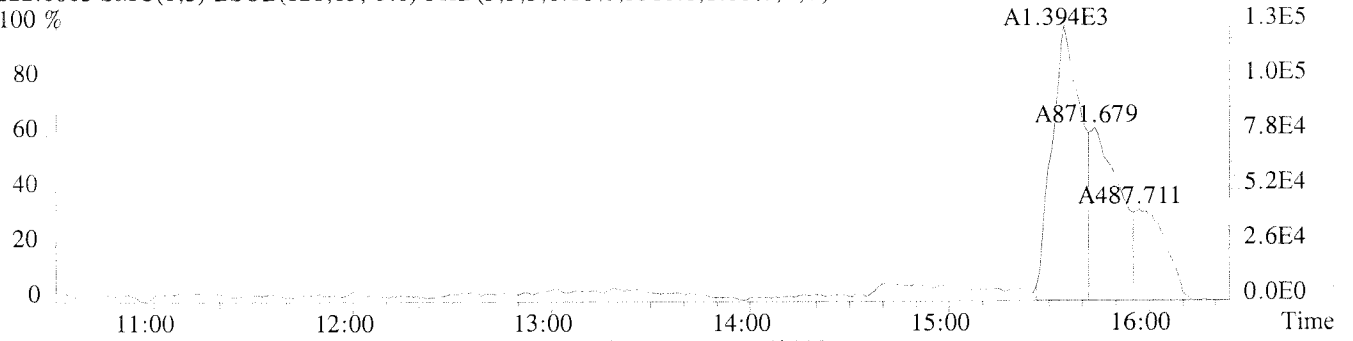


190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1880.0,1.00%,F,T)
 200 %

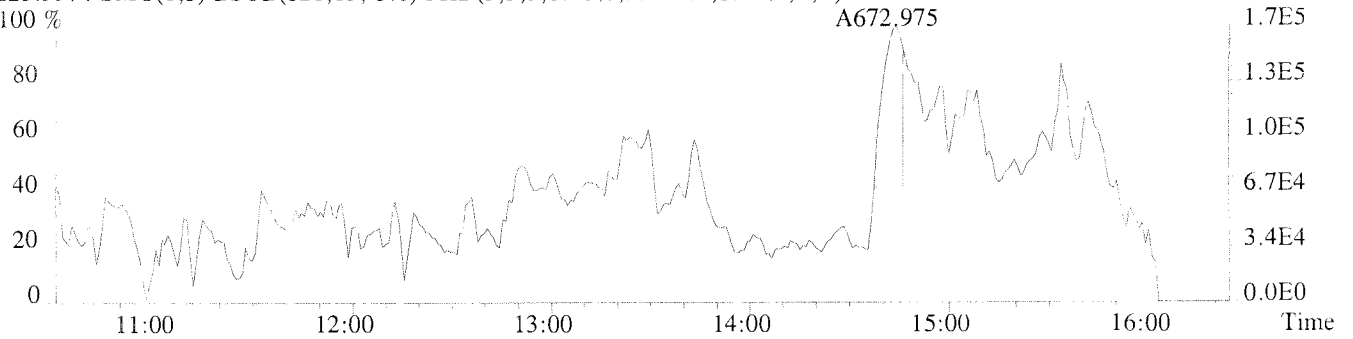


File:U224771 #1-379 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-016 USENRO031

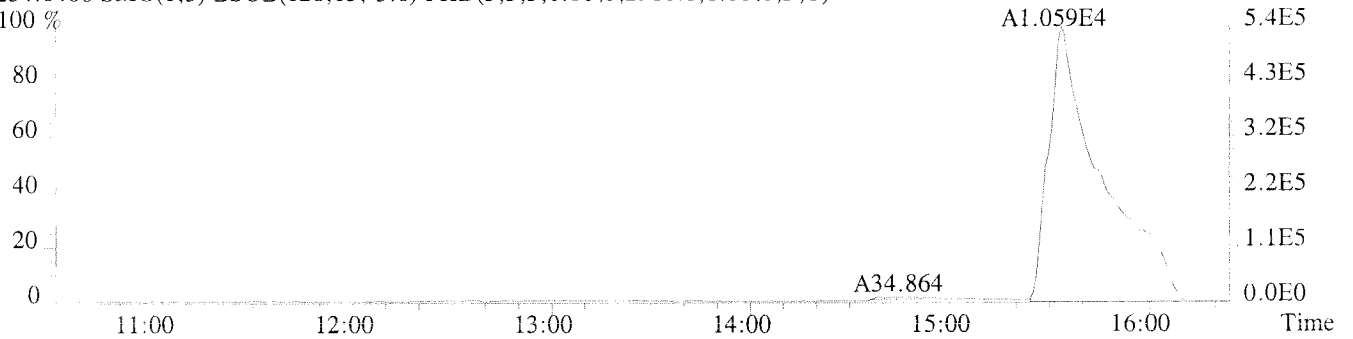
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3580.0,1.00%,F,T)
100 %



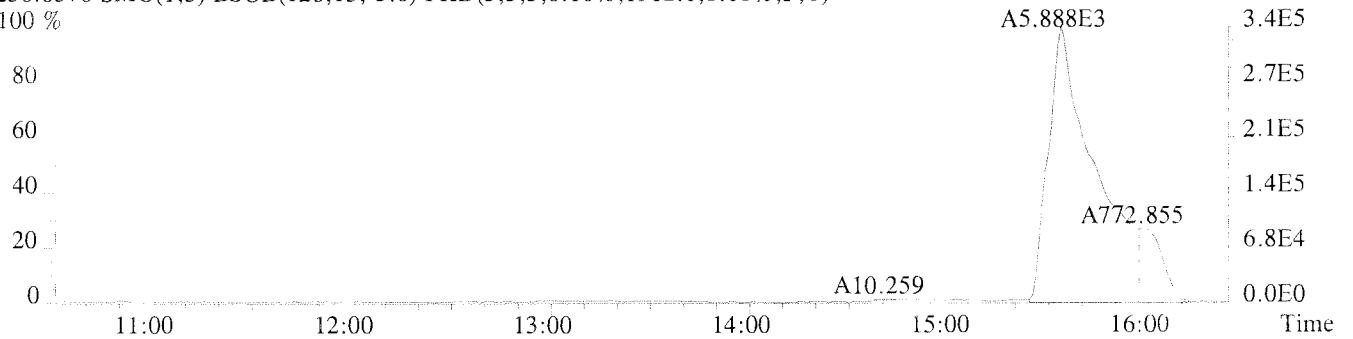
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,55120.0,1.00%,F,T)
100 %



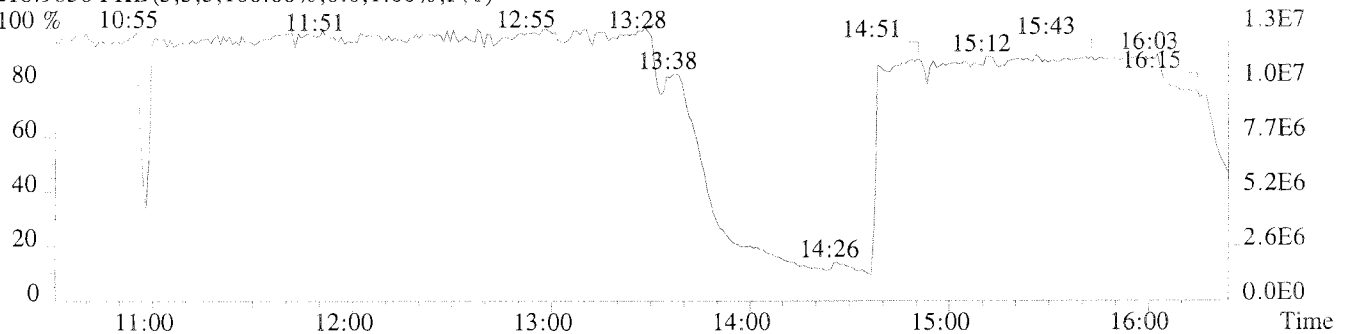
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2916.0,1.00%,F,T)
100 %



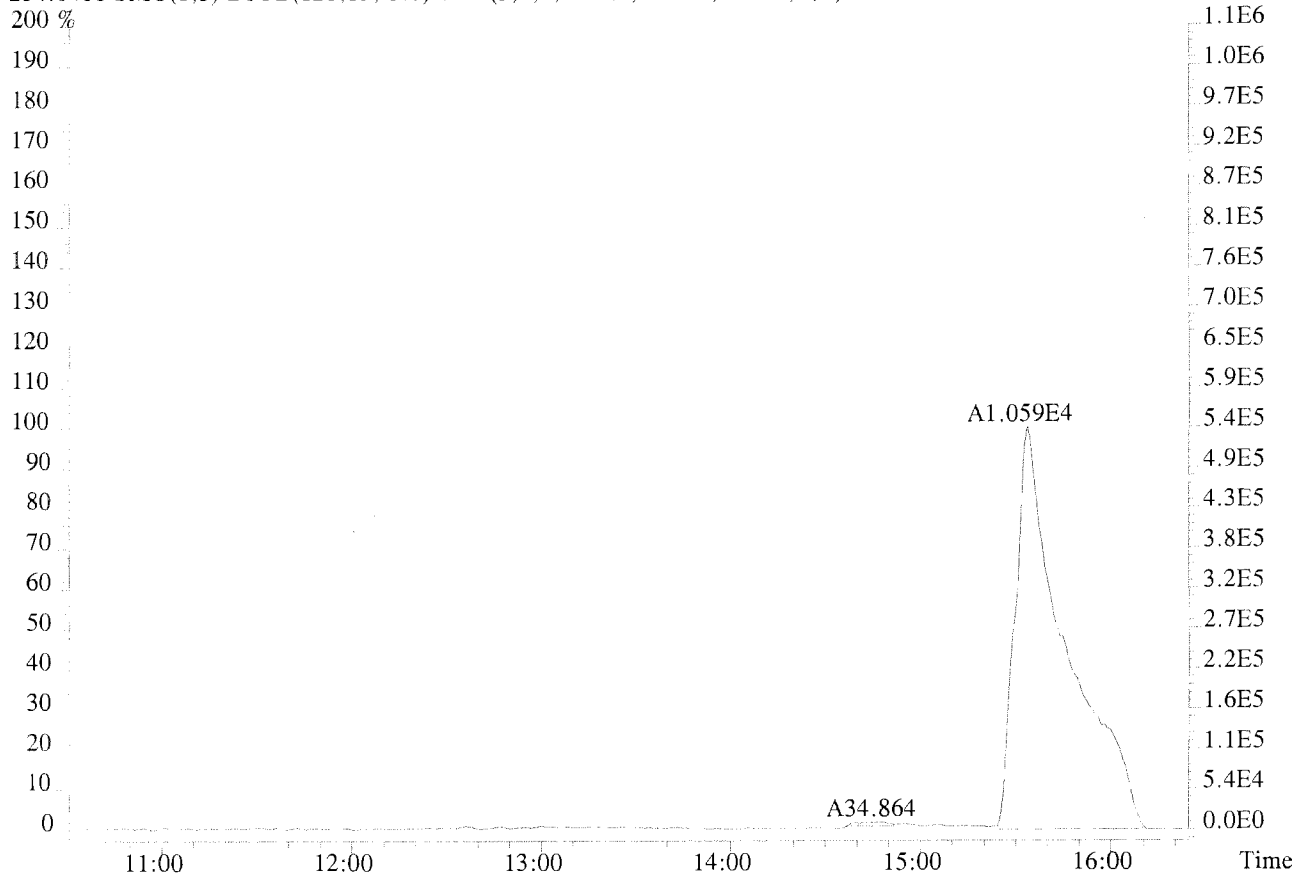
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1912.0,1.00%,F,T)
100 %



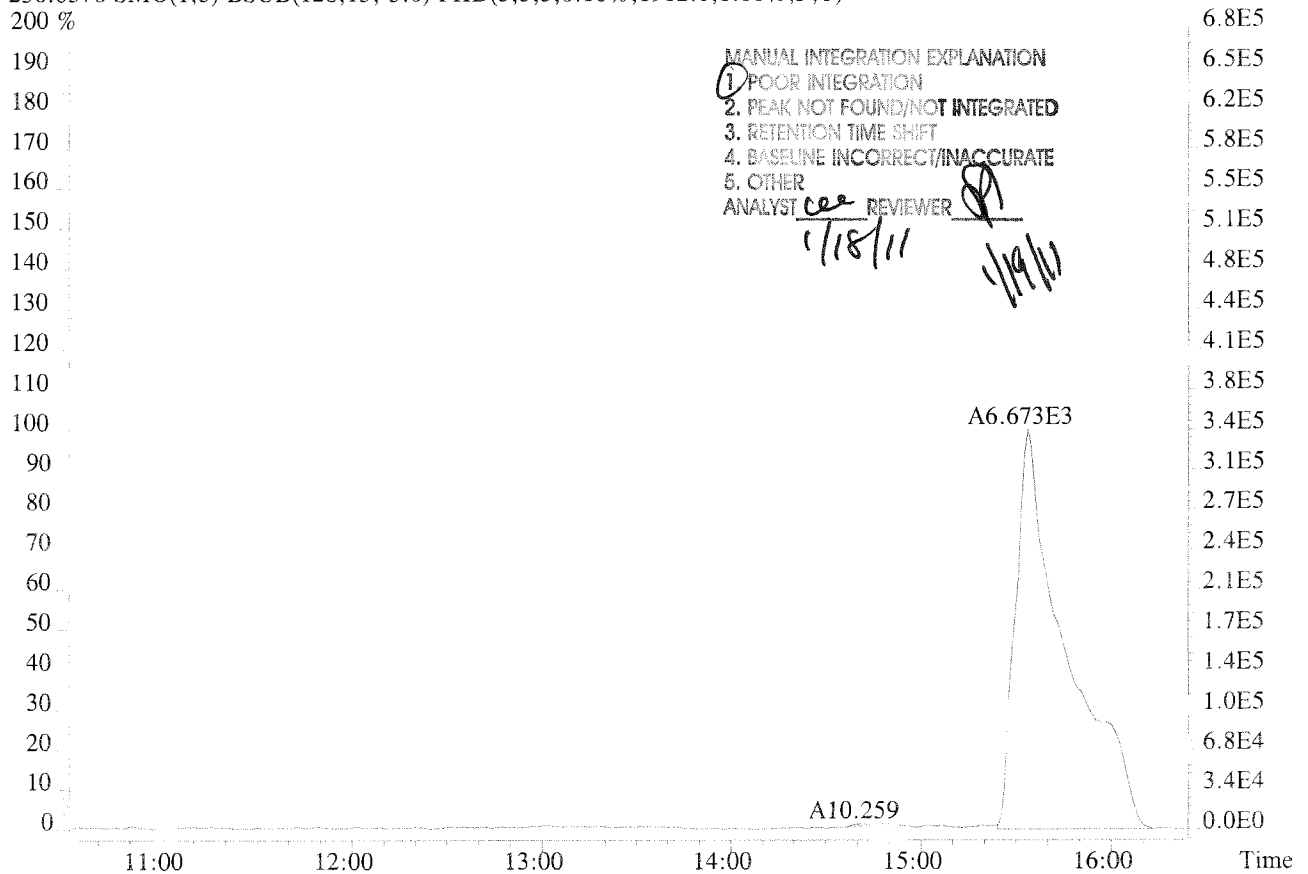
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)
100 %



File:U224771 #1-379 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:K1013433-016 USENRO031
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2916.0,1.00%,F,T)



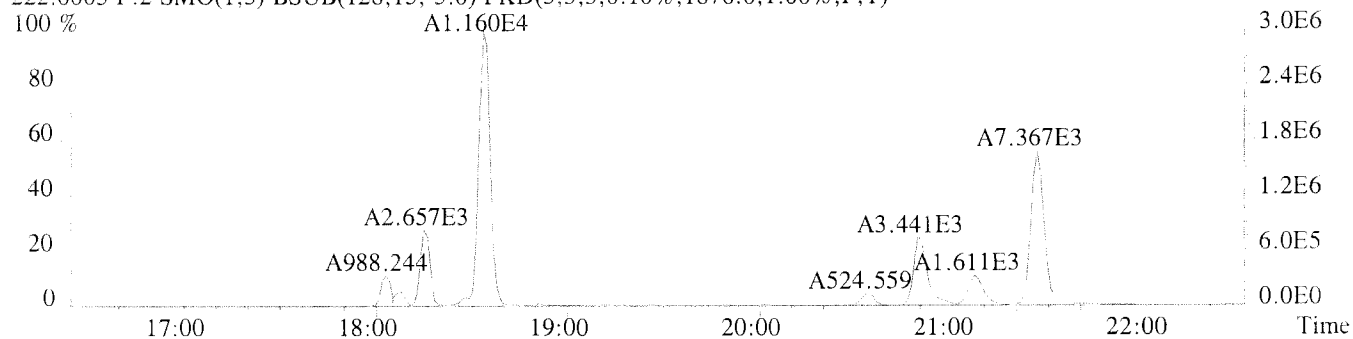
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1912.0,1.00%,F,T)



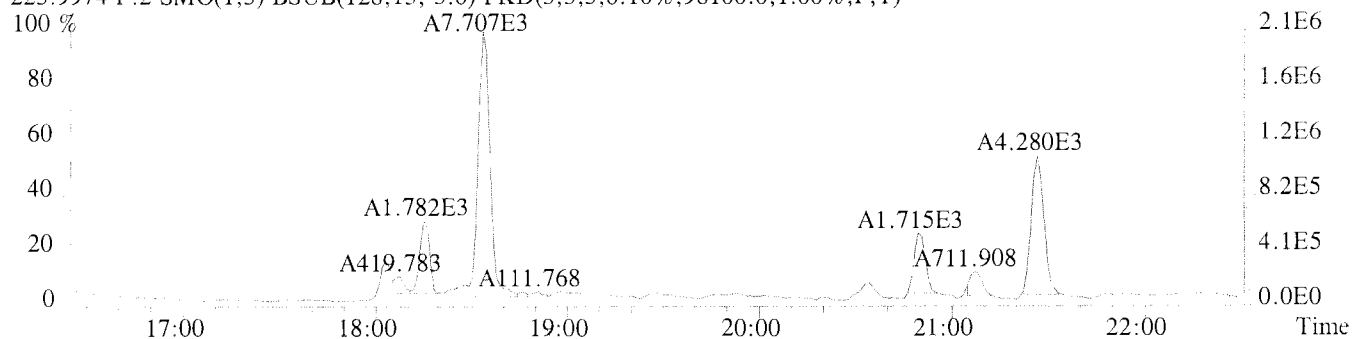
File:U224771 #1-337 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-016 USENRO031

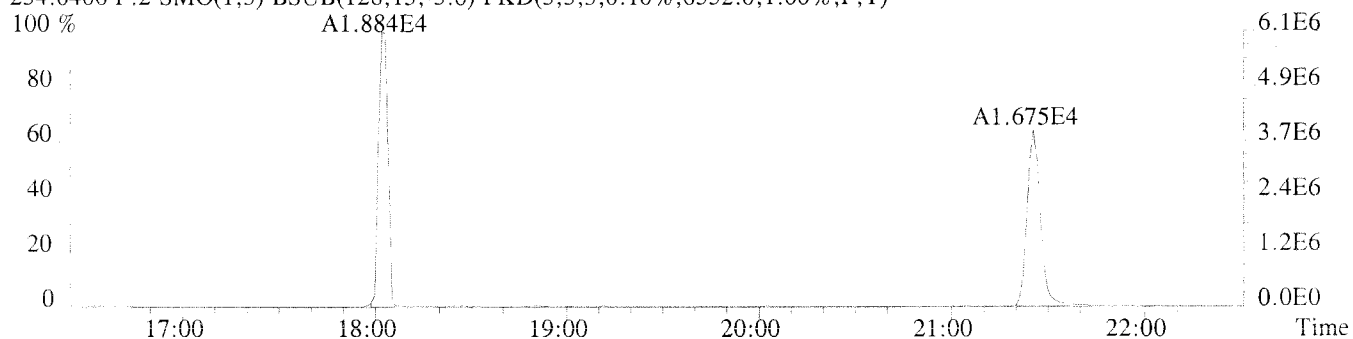
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1876.0,1.00%,F,T)



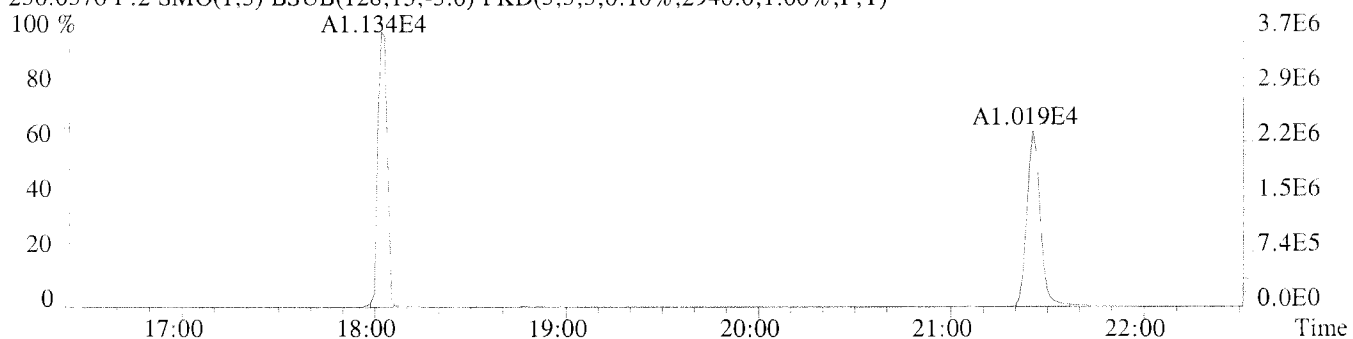
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,98100.0,1.00%,F,T)



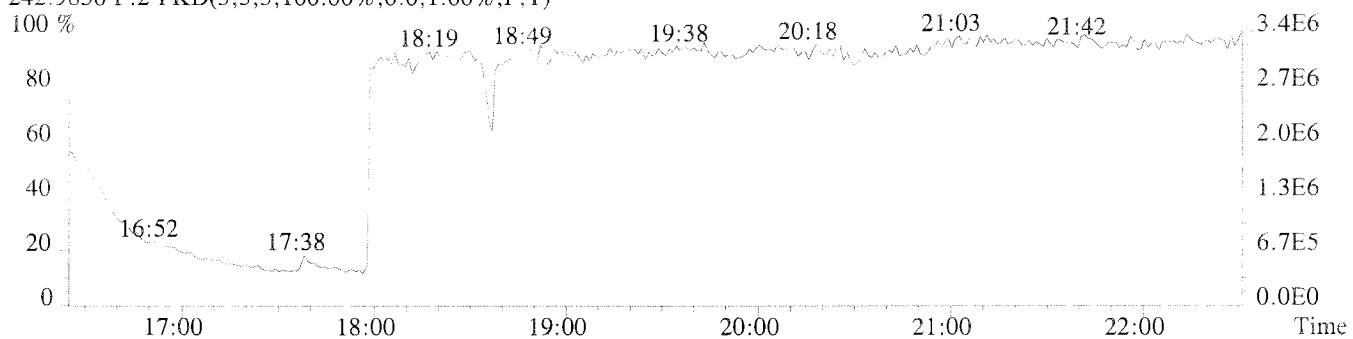
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6552.0,1.00%,F,T)



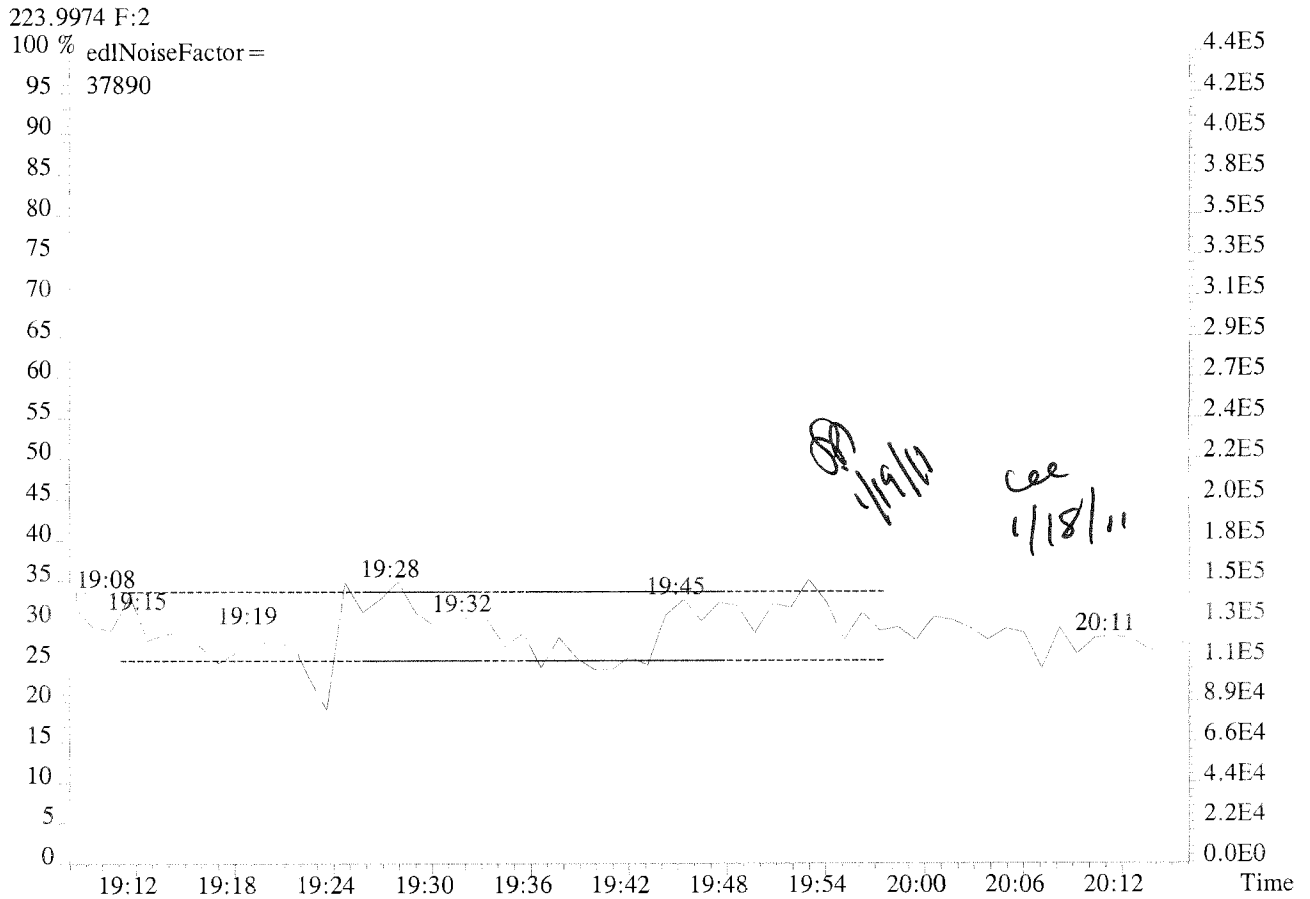
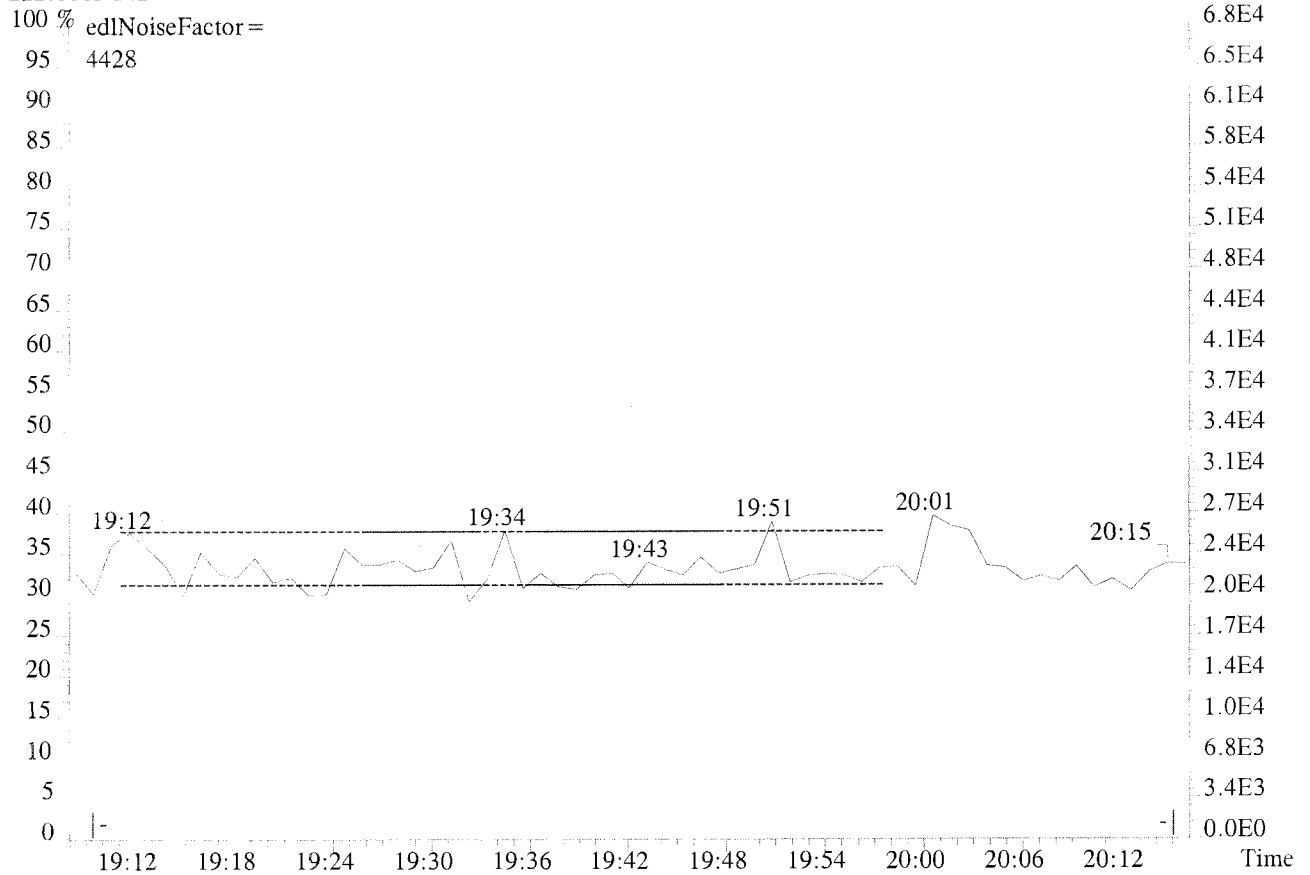
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2940.0,1.00%,F,T)



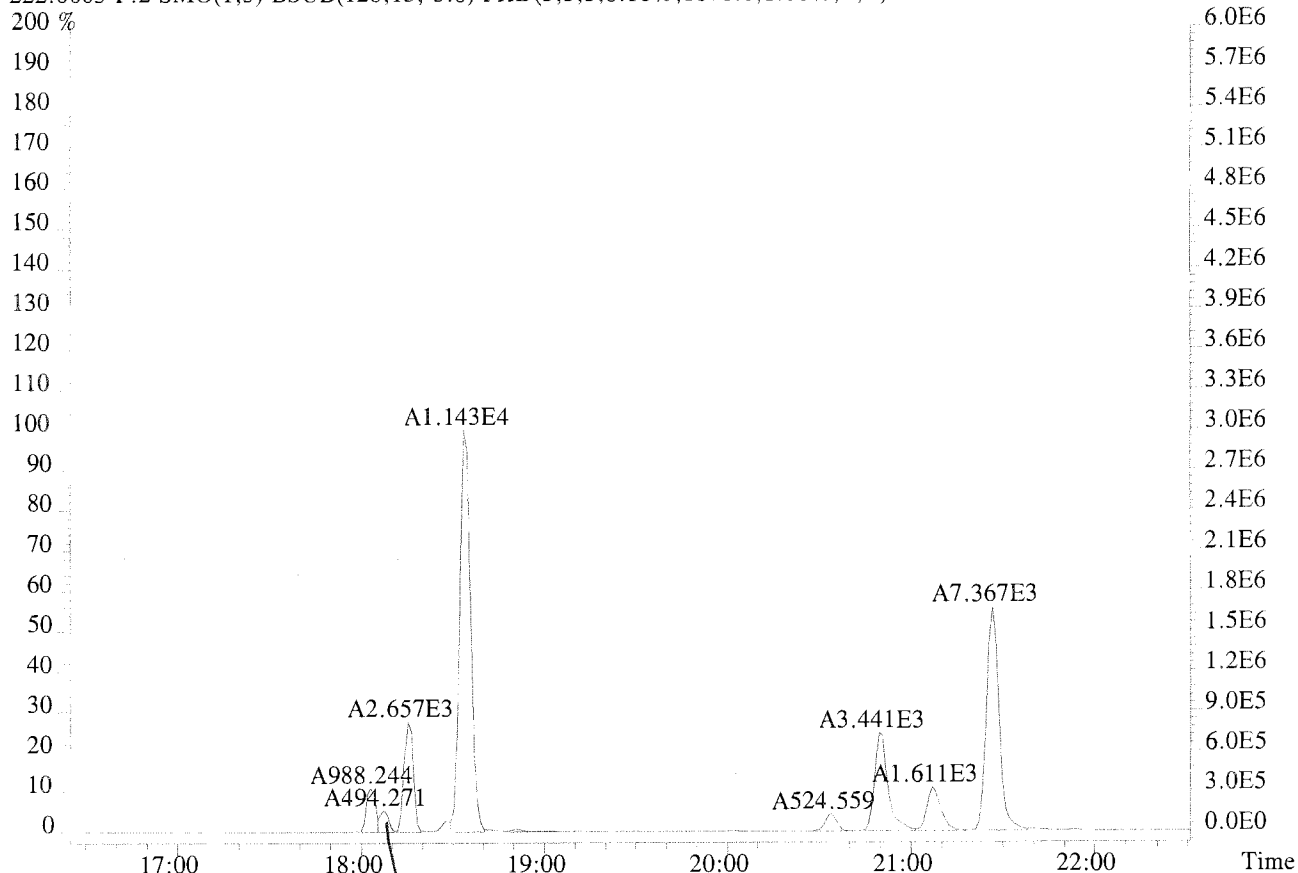
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



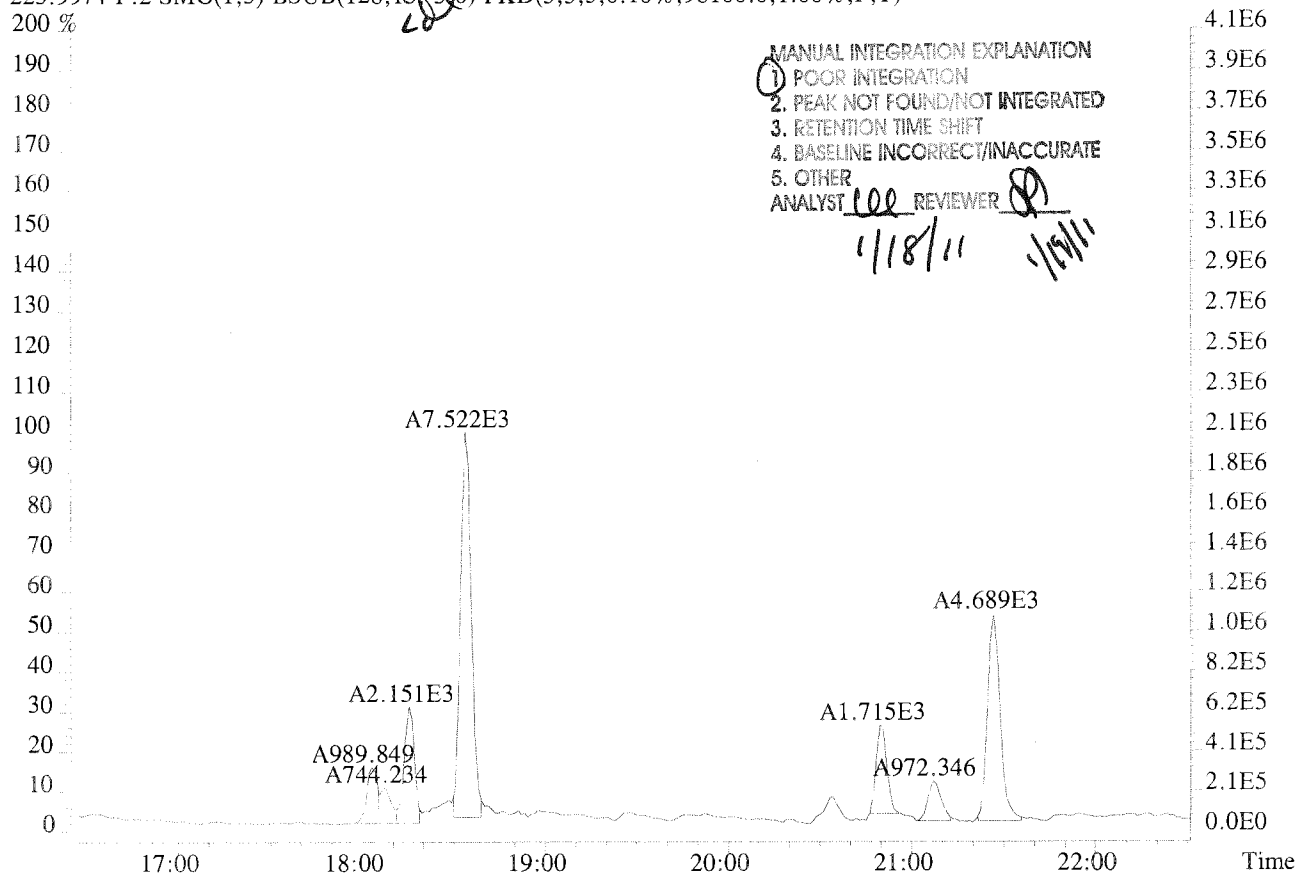
File:U224771 #1-337 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:K1013433-016 USENRO031
222.0003 F:2

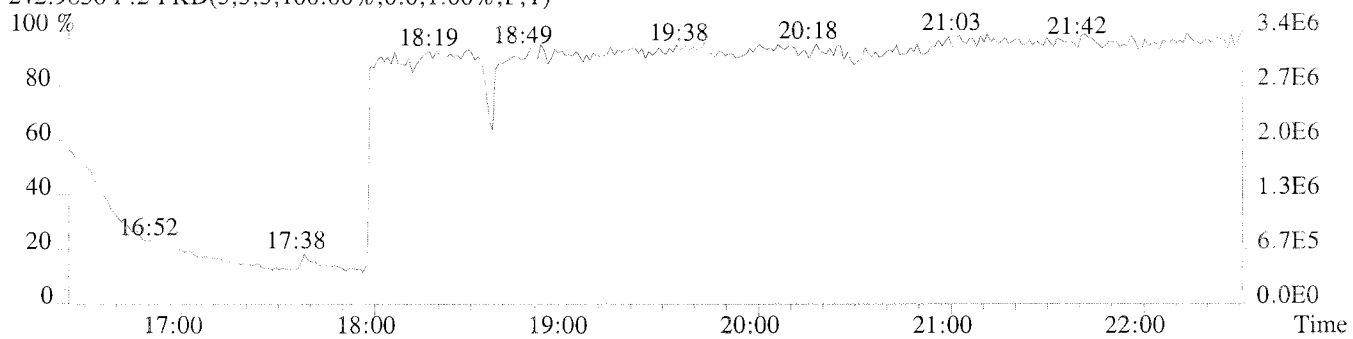
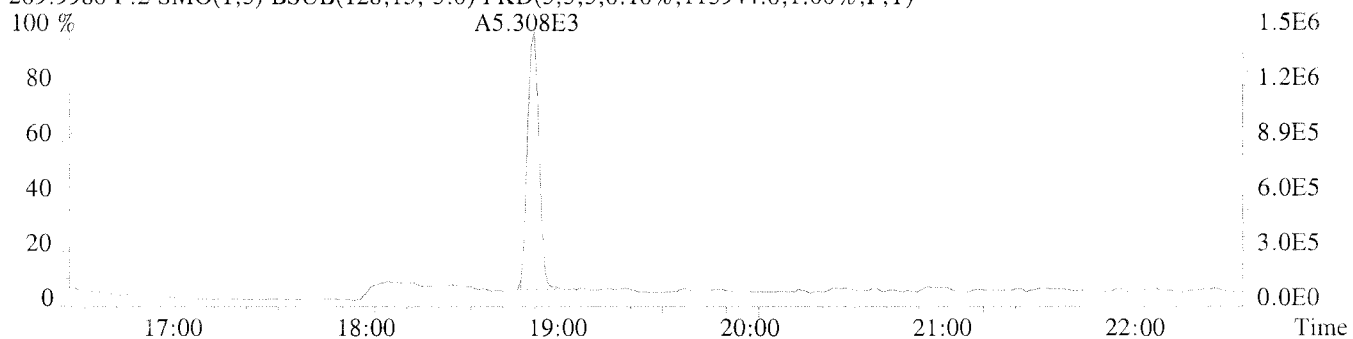
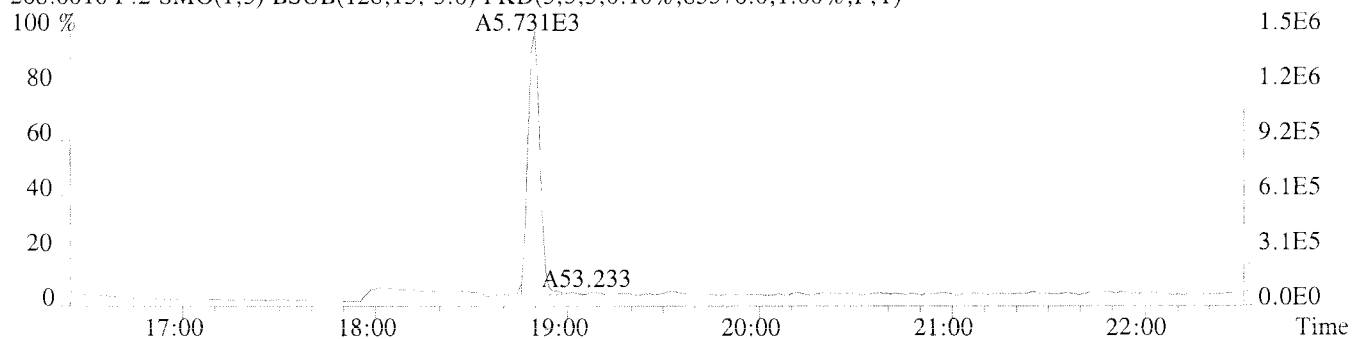
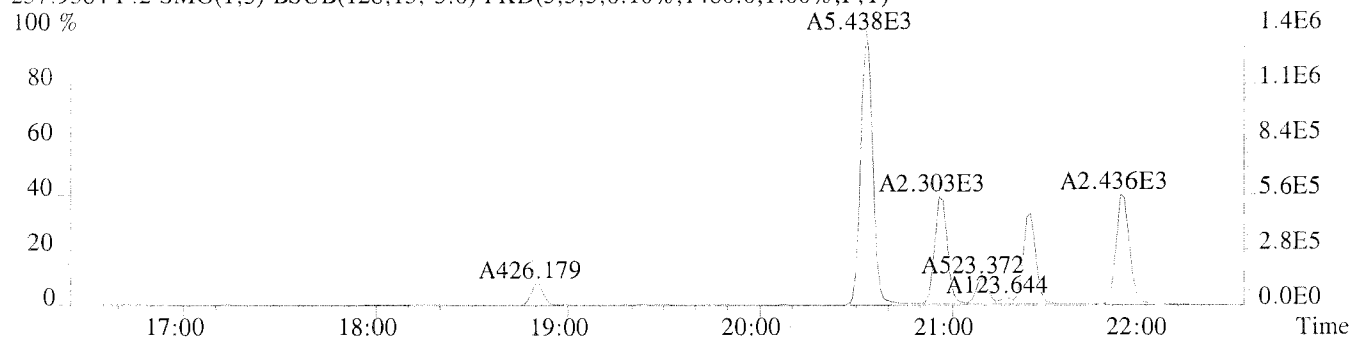
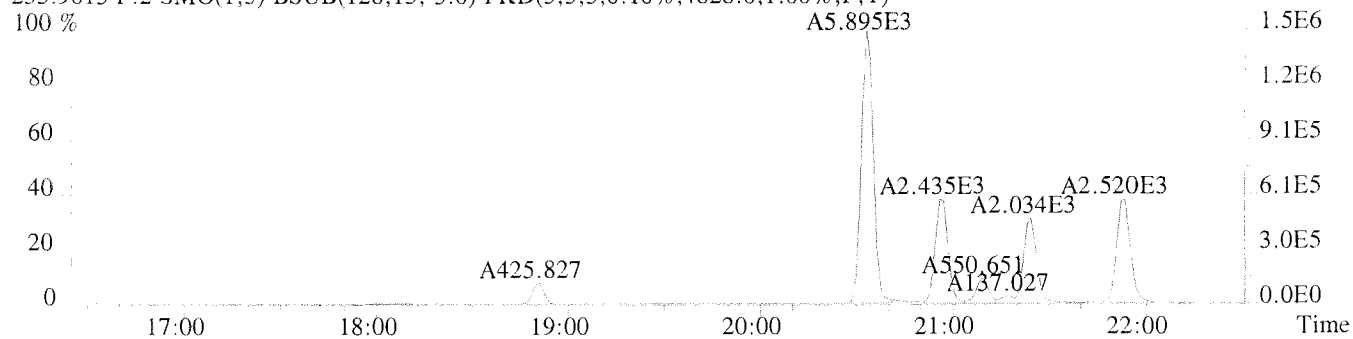


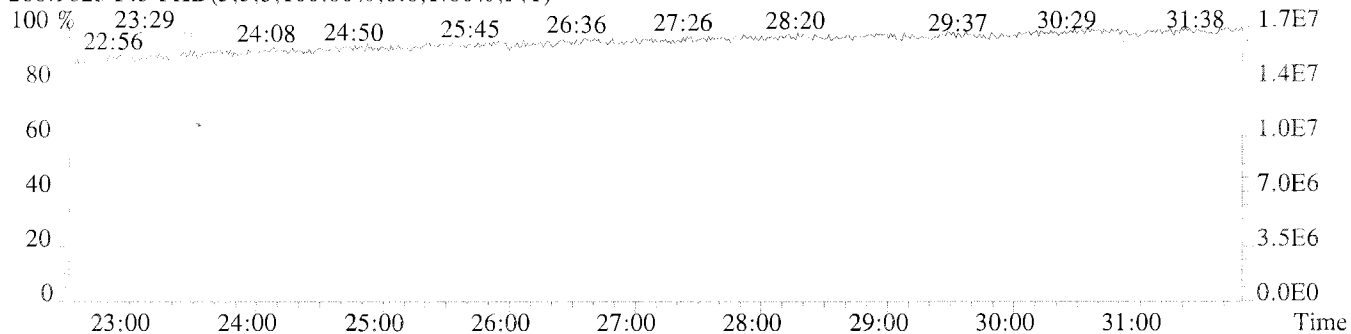
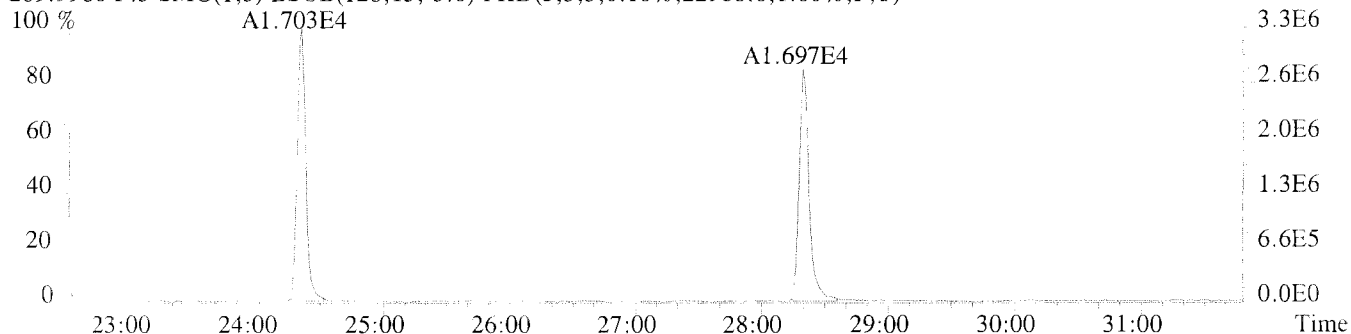
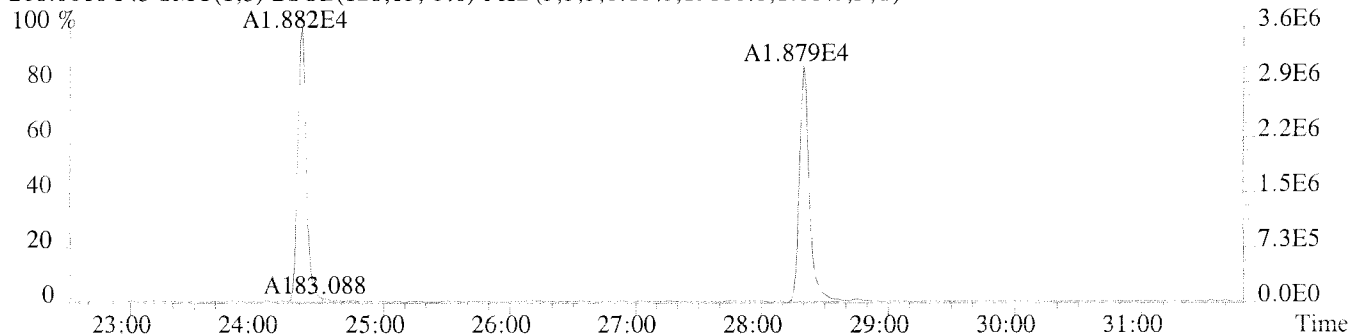
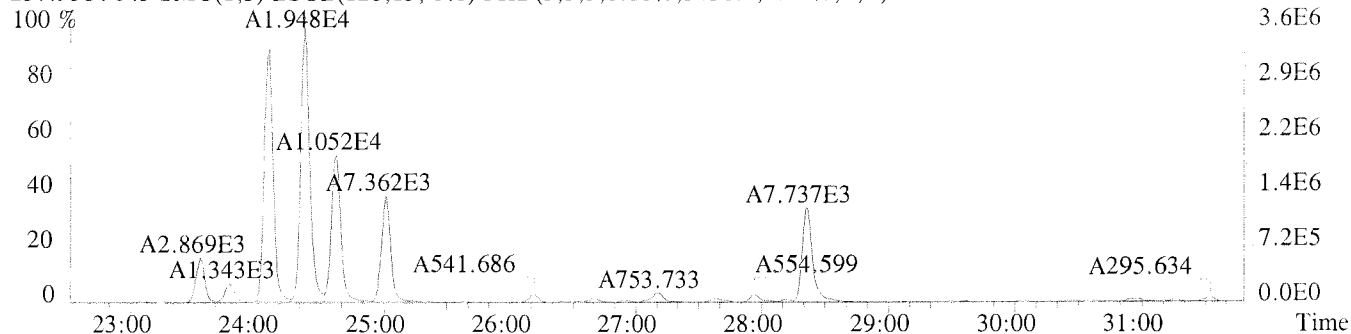
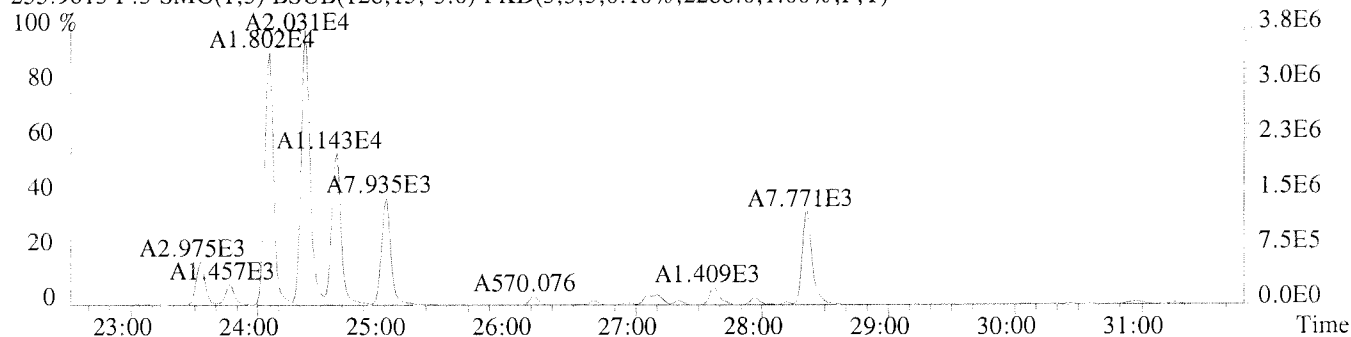
File:U224771 #1-337 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-016 USENRO031
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1876.0,1.00%,F,T)



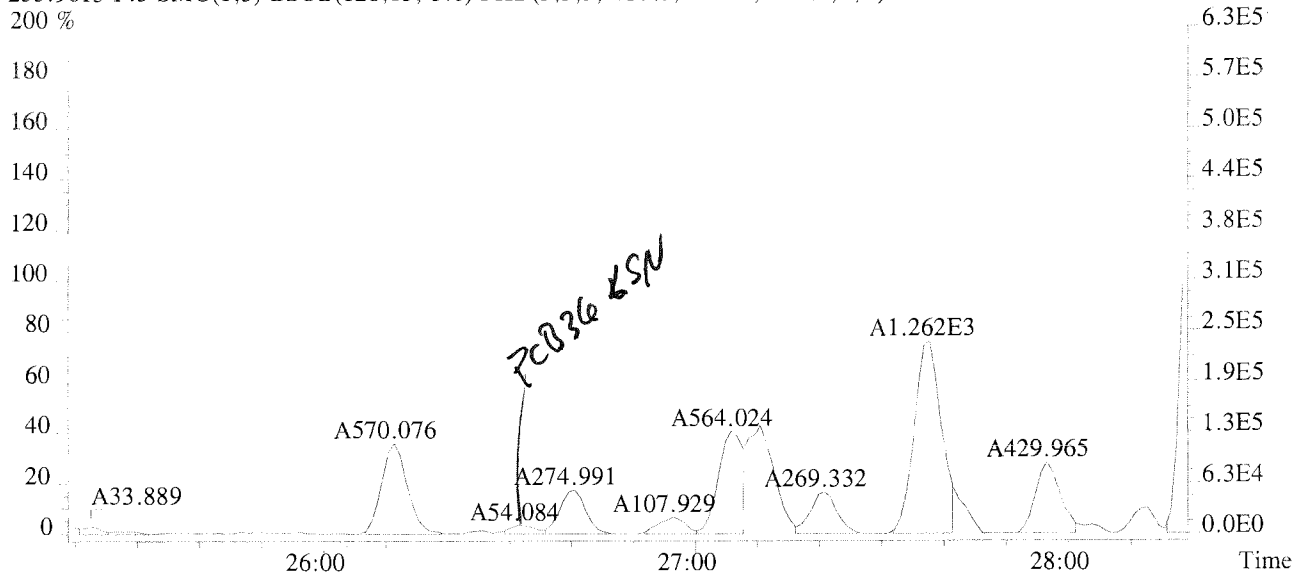
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,98100.0,1.00%,F,T)



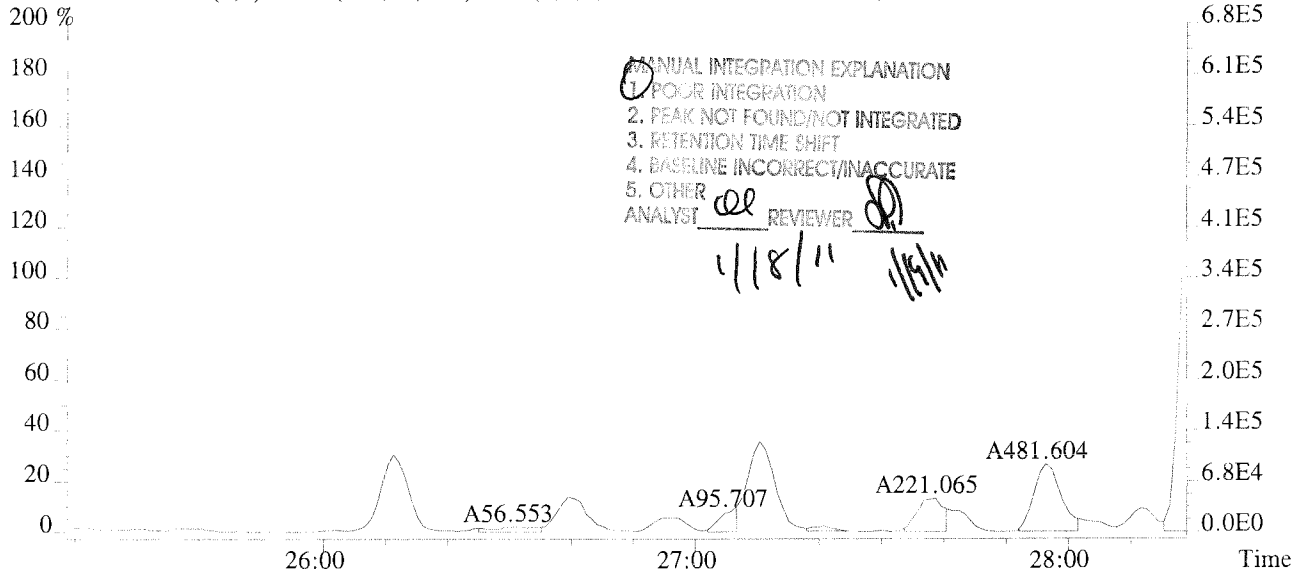




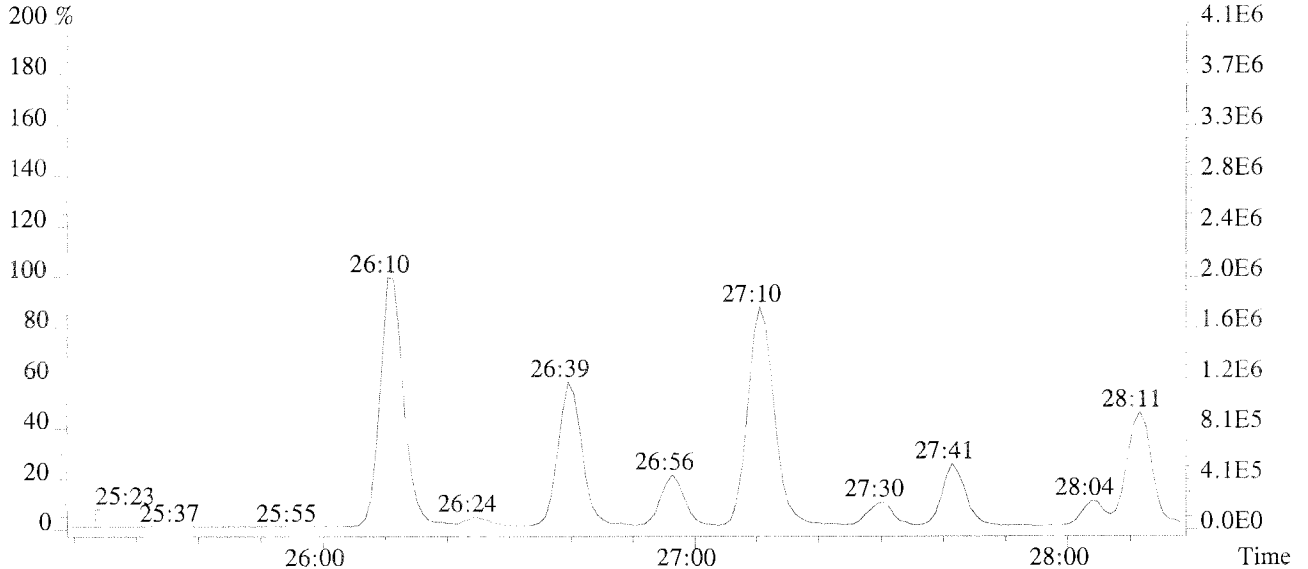
File:U224771 #1-594 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass sE
 Sample#1 Exp:K1013433-016 USENRO031
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2288.0,1.00%,F,T)
 200 %



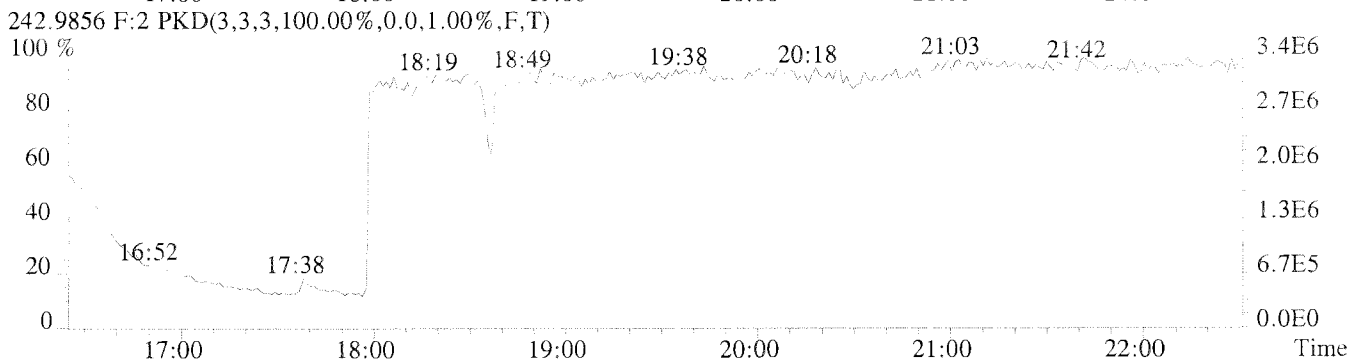
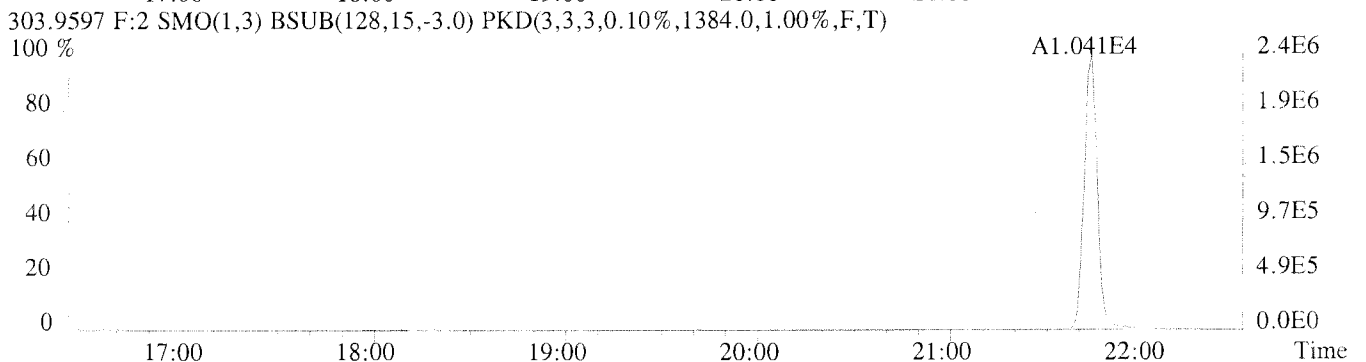
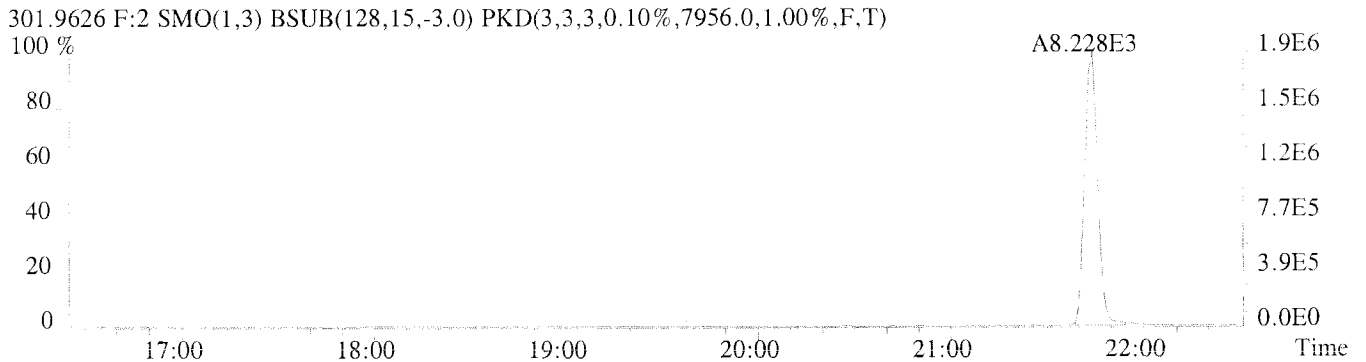
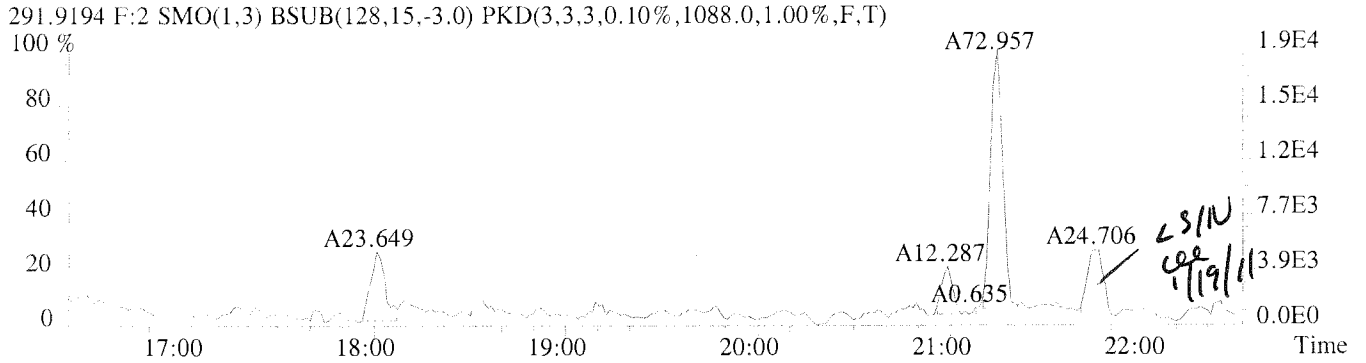
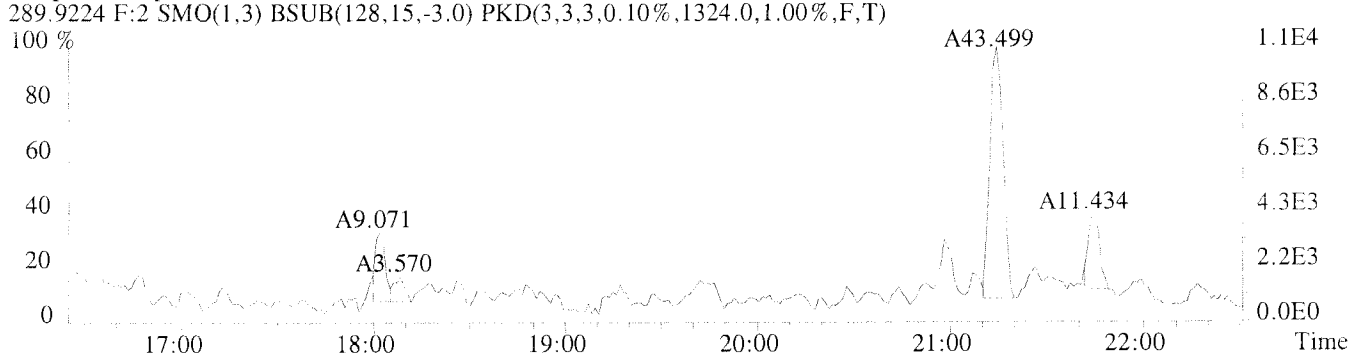
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3436.0,1.00%,F,T)



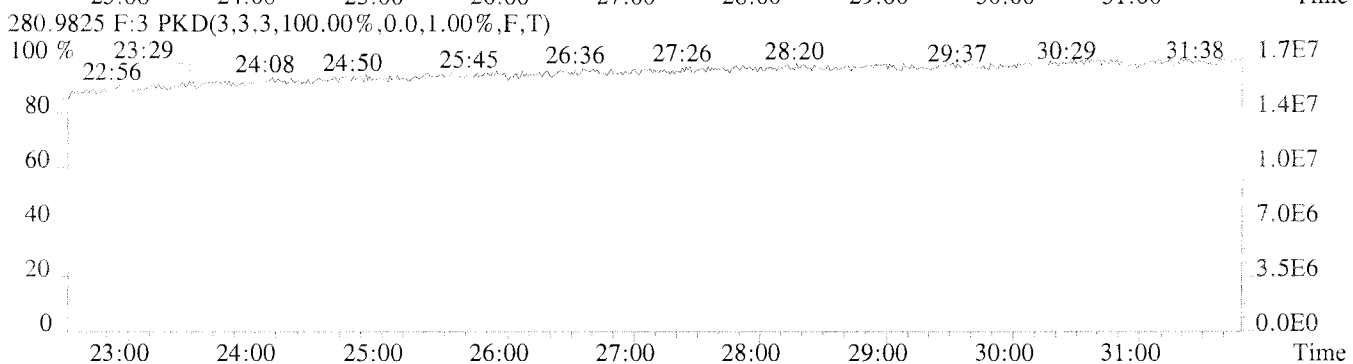
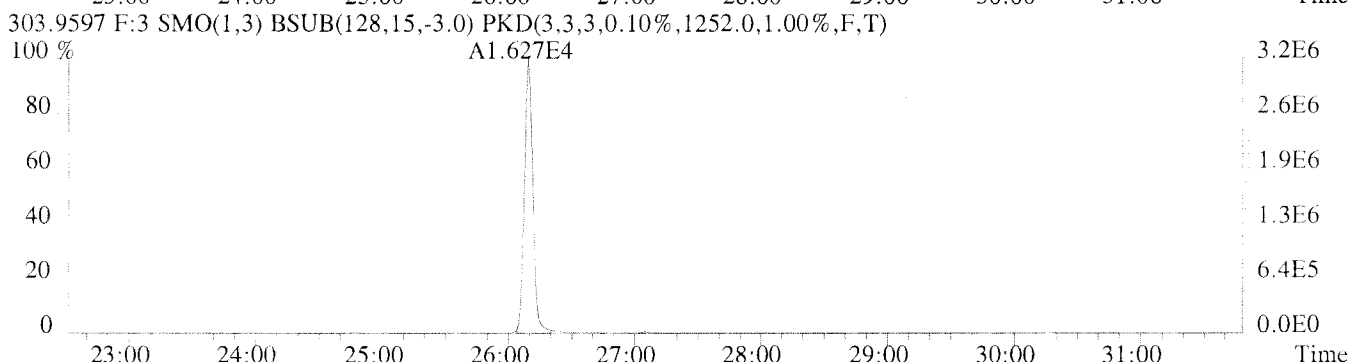
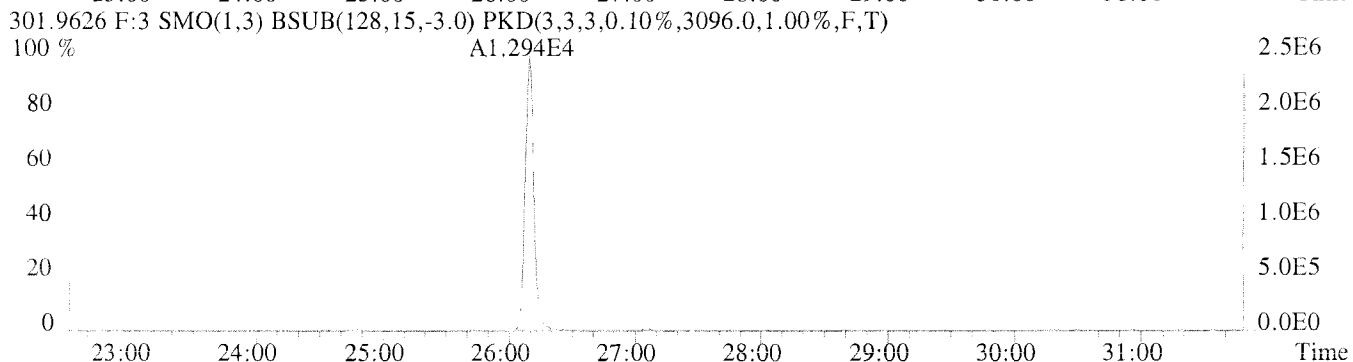
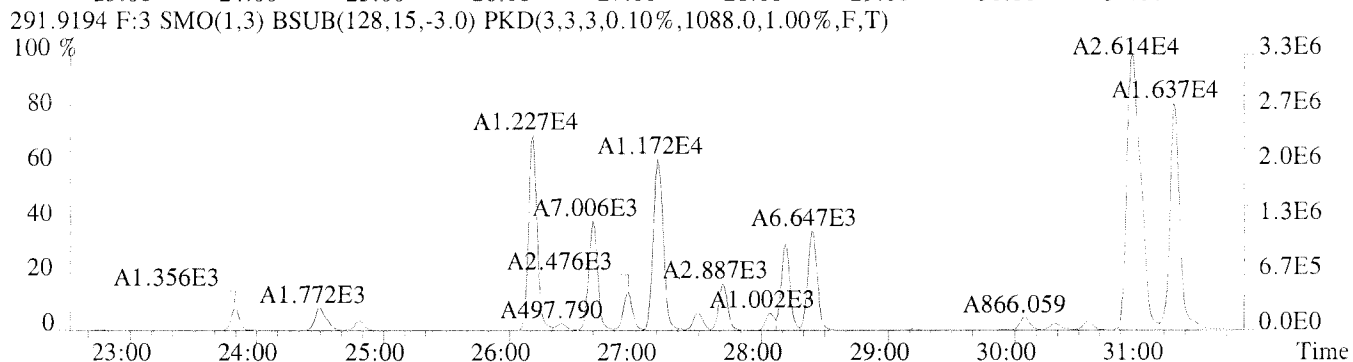
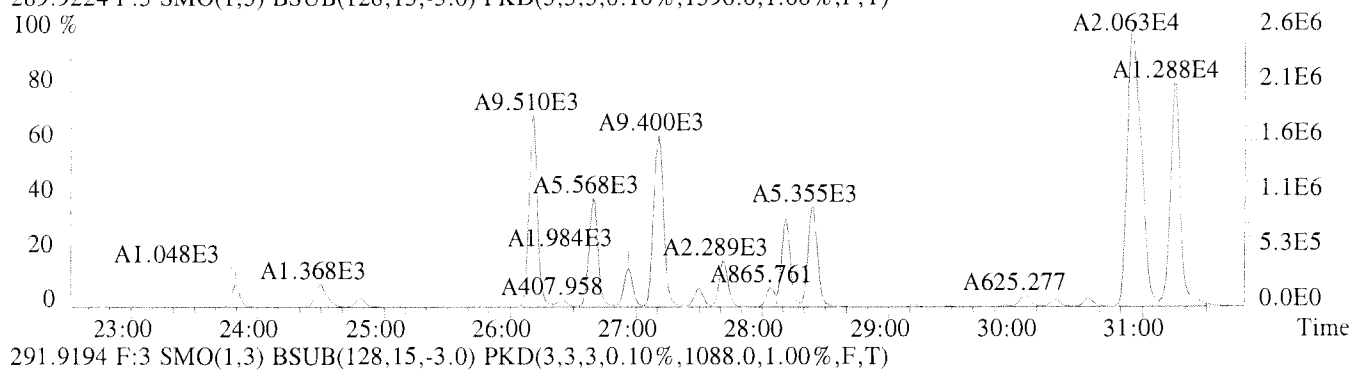
289.9224 F:3



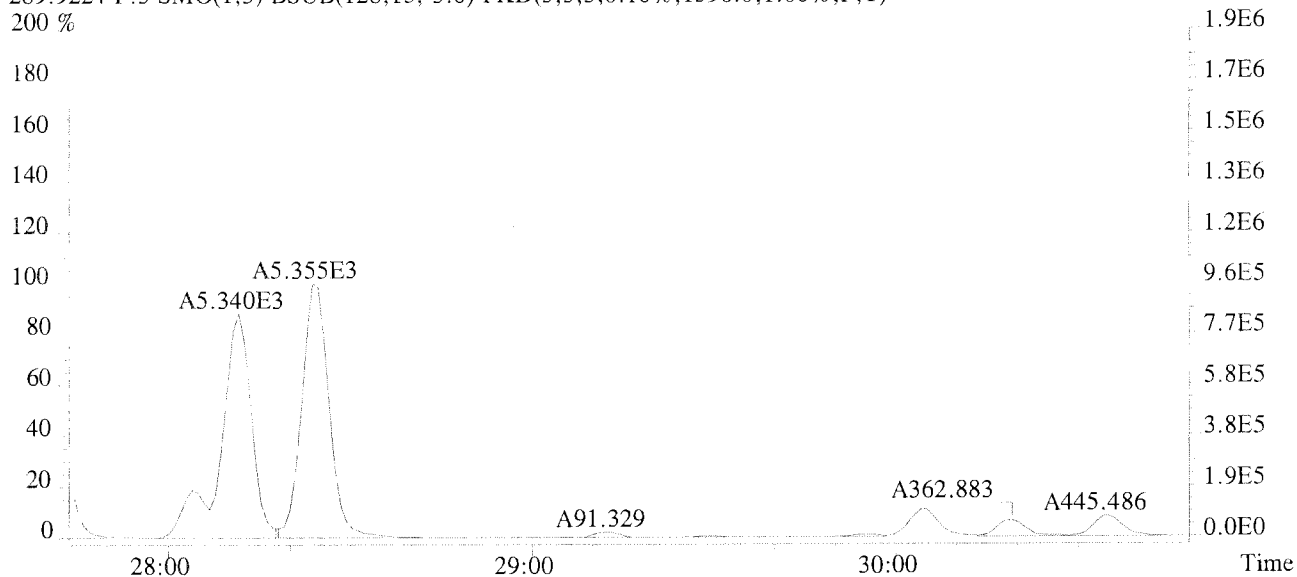
File:U224771 #1-337 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-016 USENRO031



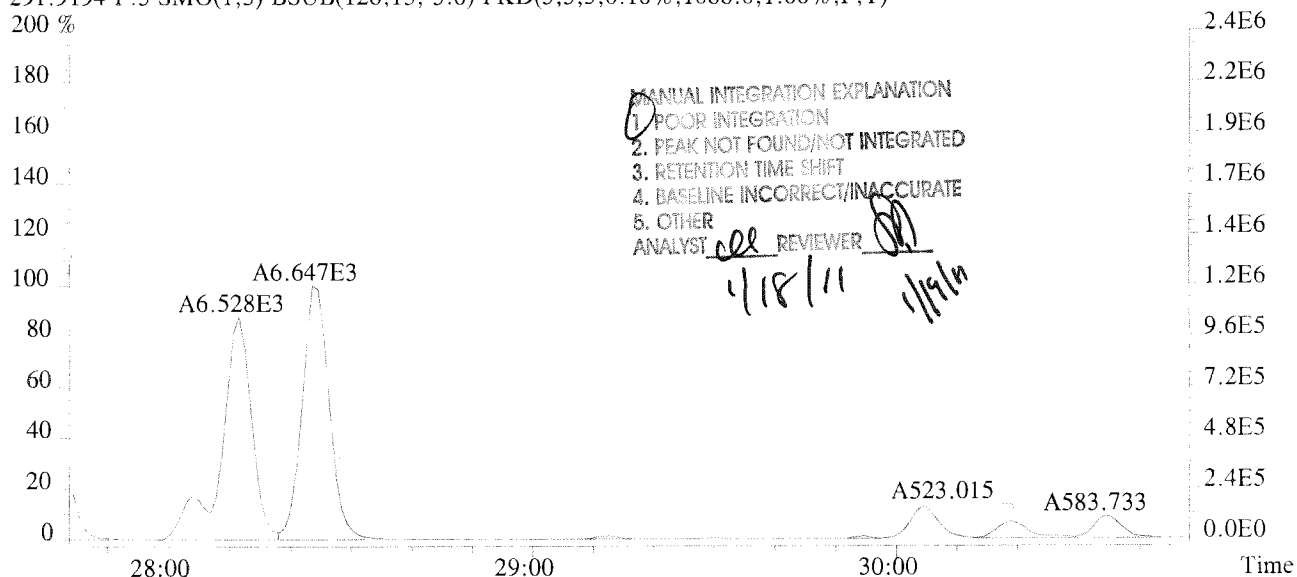
File:U224771 #1-594 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-016 USENRO031
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1396.0,1.00%,F,T)
 100 %



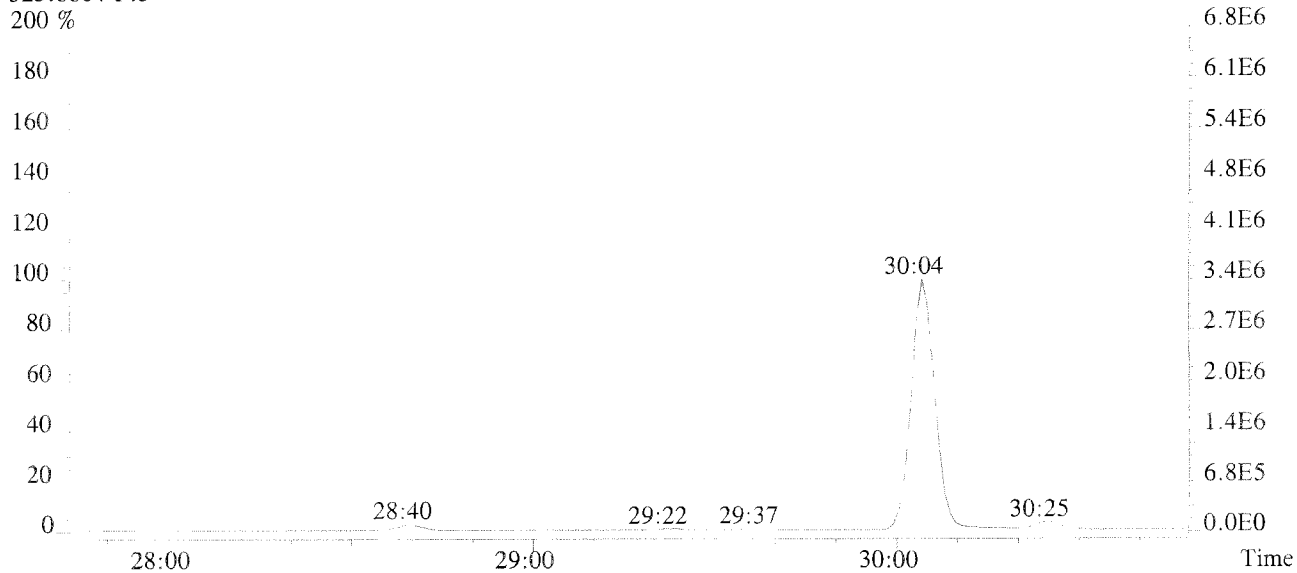
File:U224771 #1-594 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-016 USENRO031
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1396.0,1.00%,F,T)
 200 %



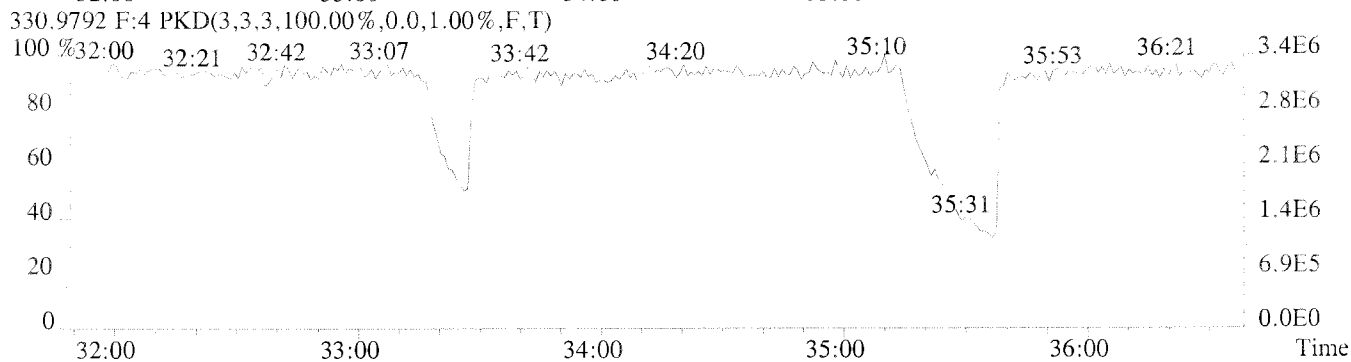
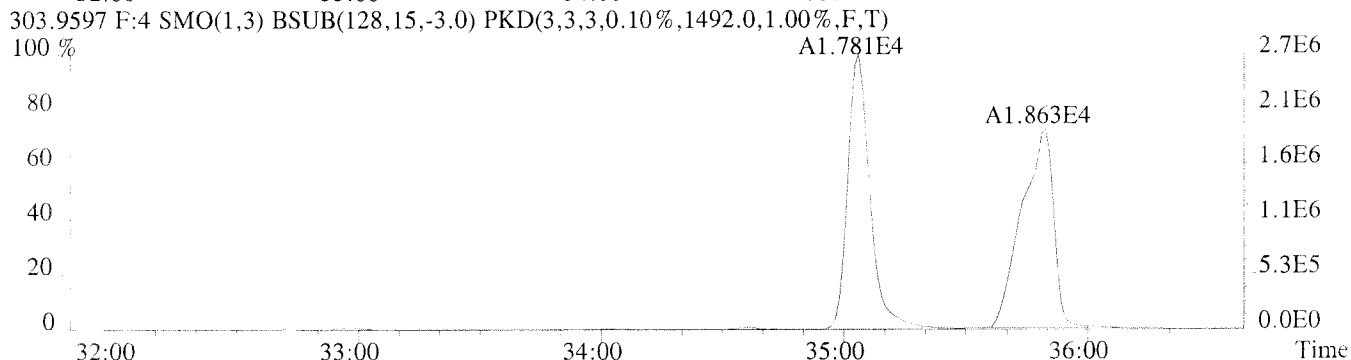
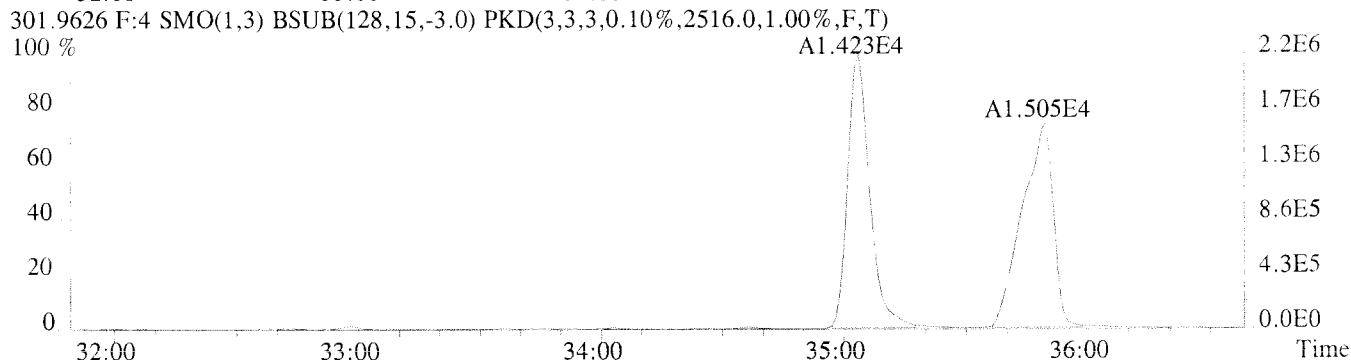
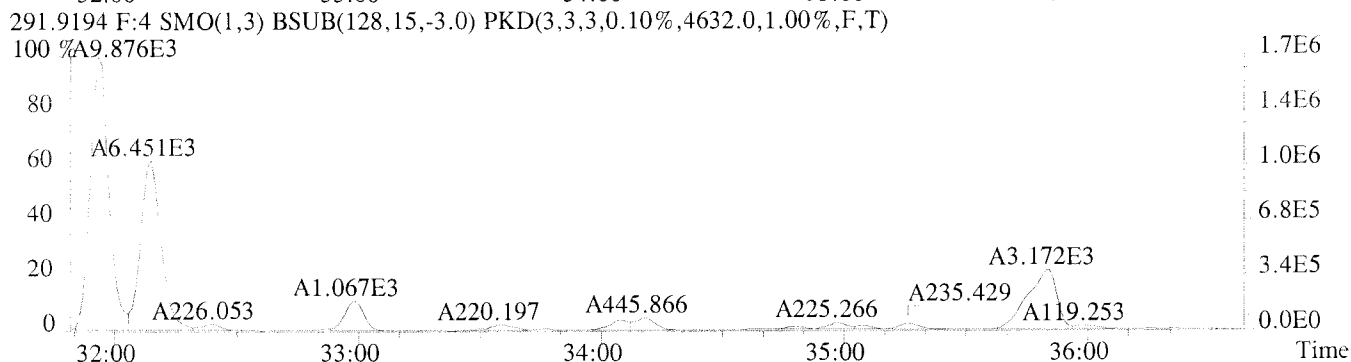
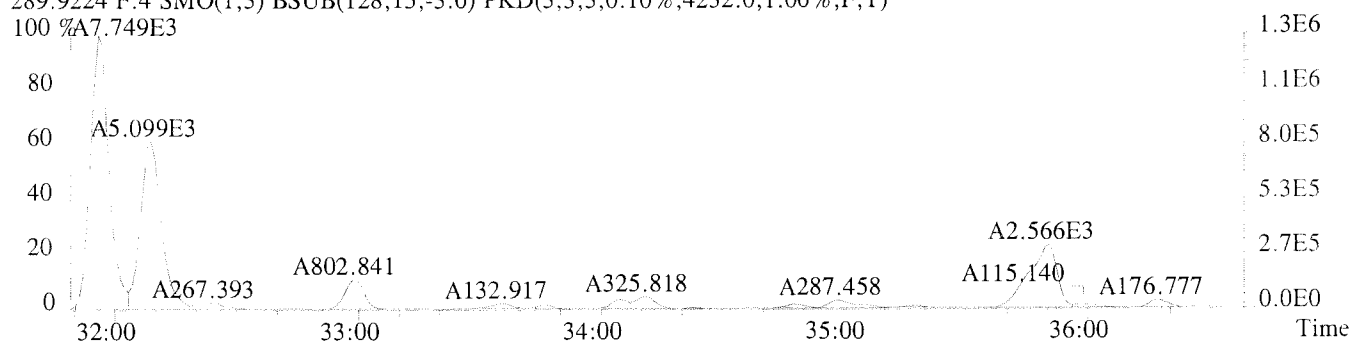
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1088.0,1.00%,F,T)
 200 %



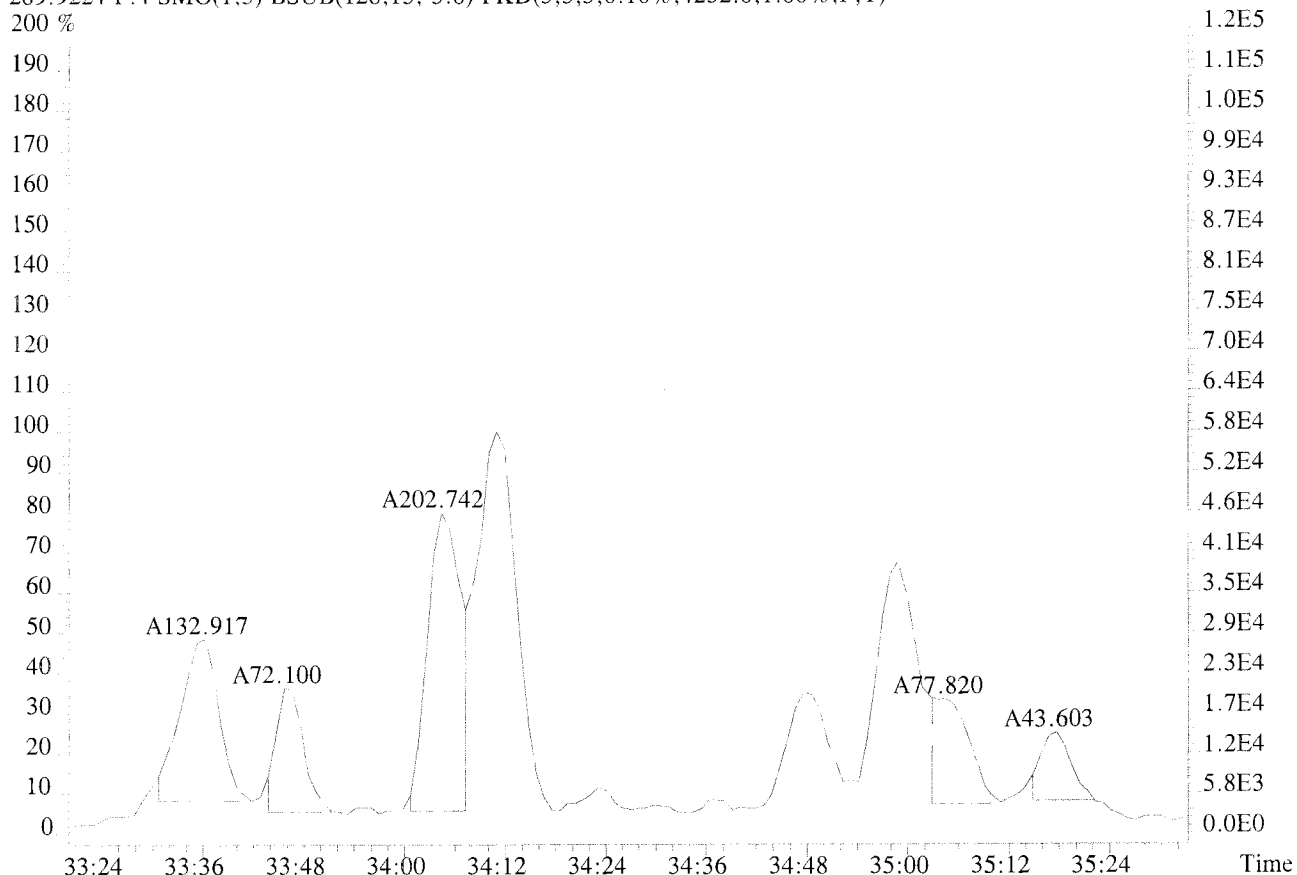
325.8804 F:3
 200 %



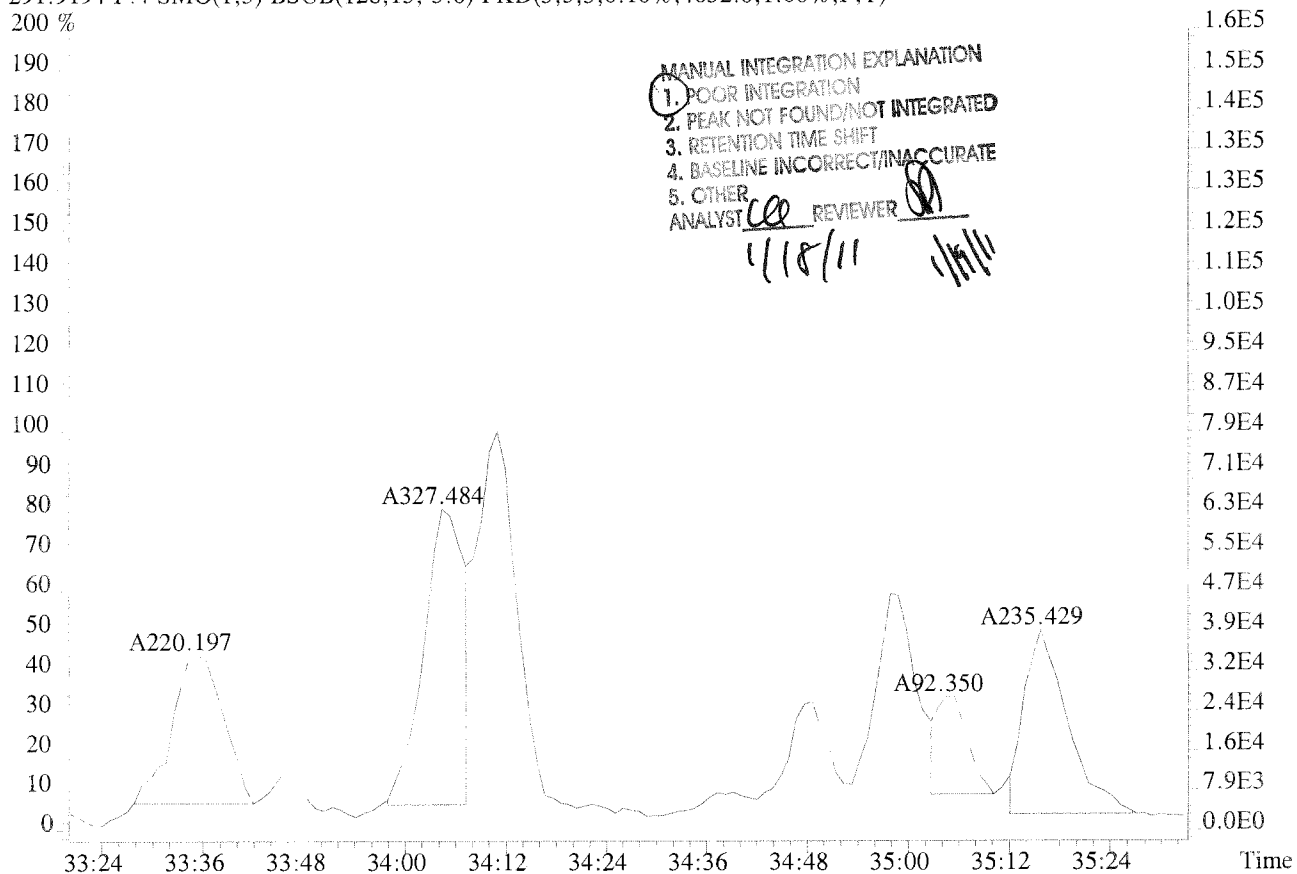
File:U224771 #1-309 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:K1013433-016 USENRO031
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4232.0,1.00%,F,T)
 100 %A7.749E3



File:U224771 #1-309 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-016 USENRO031
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4232.0,1.00%,F,T)

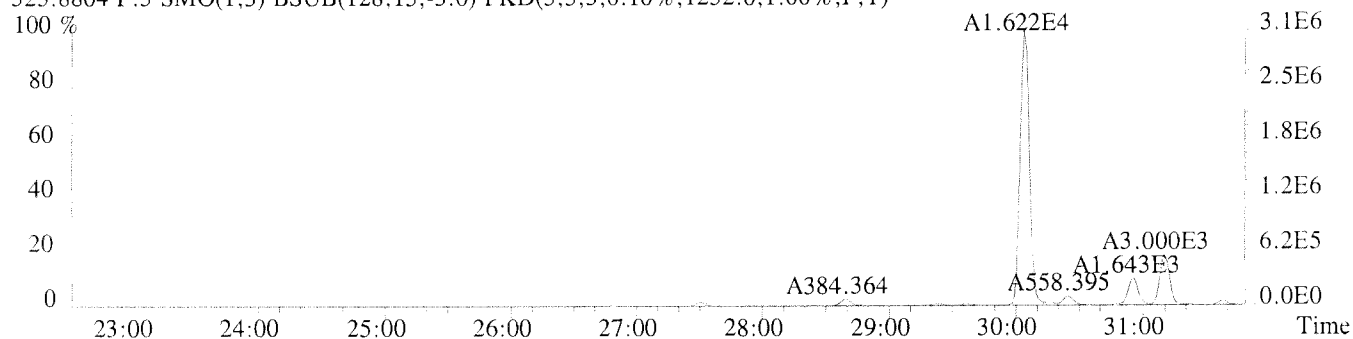


291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4632.0,1.00%,F,T)

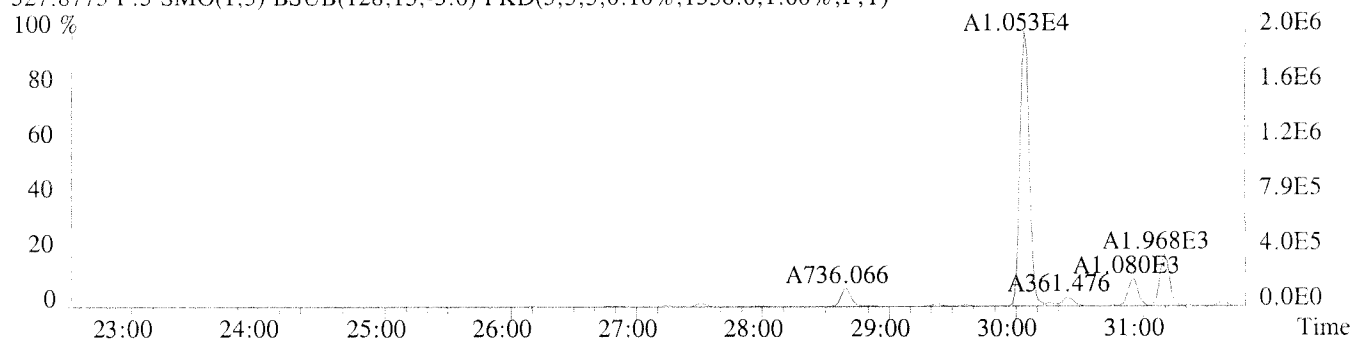


File:U224771 #1-594 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-016 USENRO031

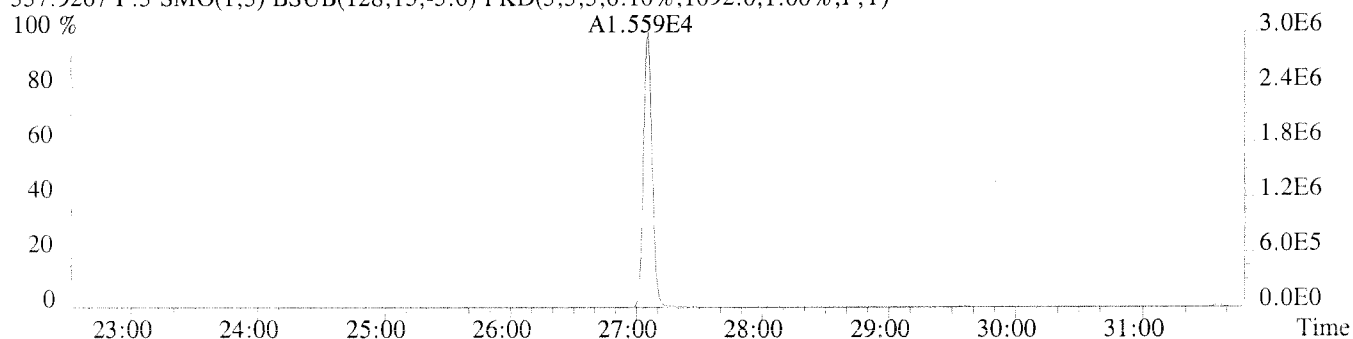
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1232.0,1.00%,F,T)



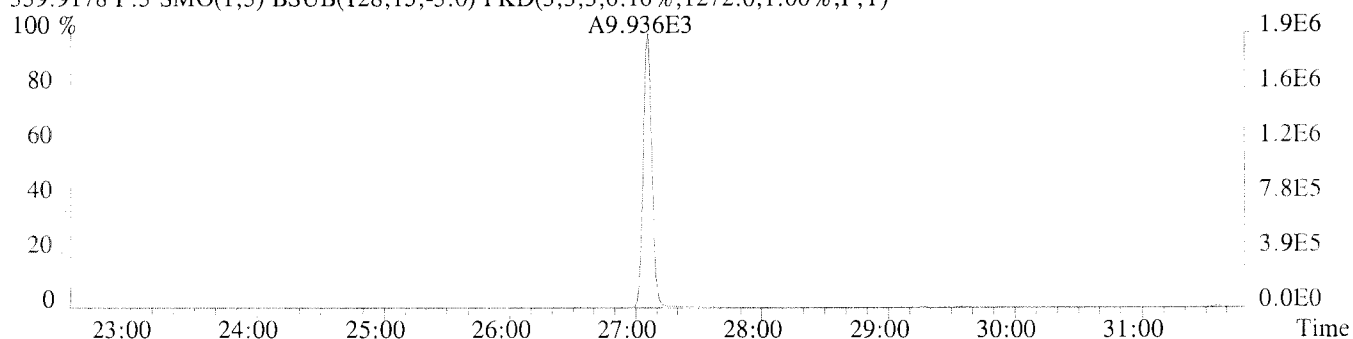
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1356.0,1.00%,F,T)



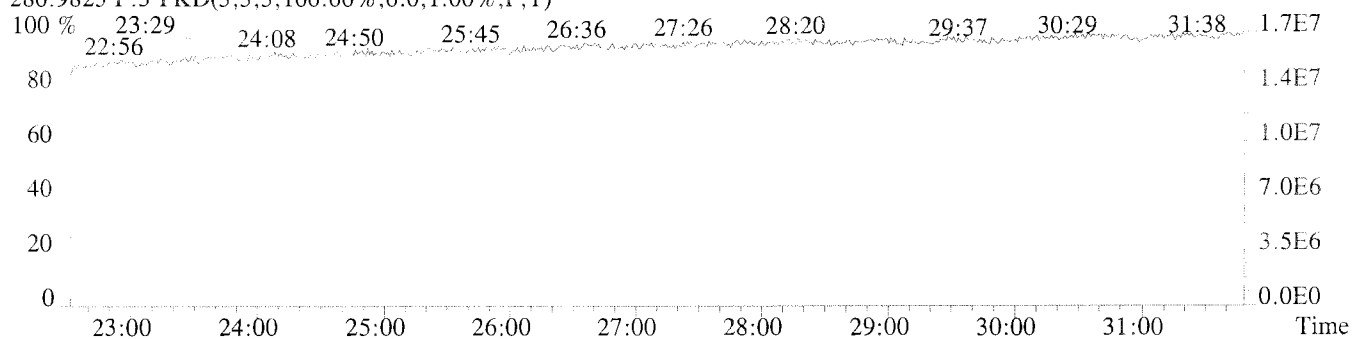
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1092.0,1.00%,F,T)



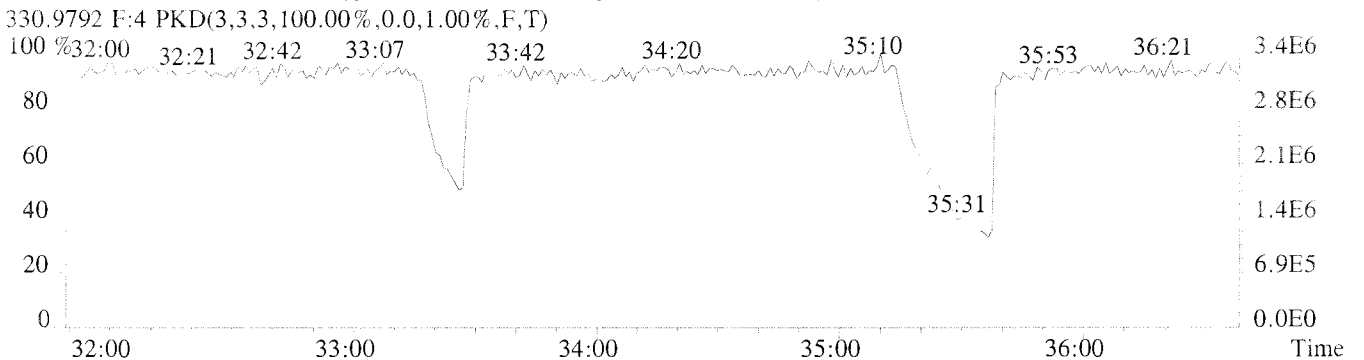
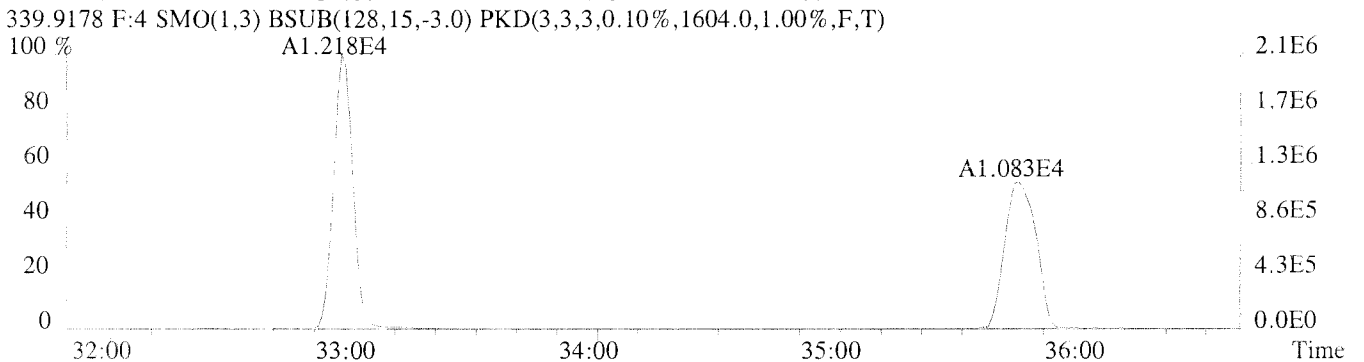
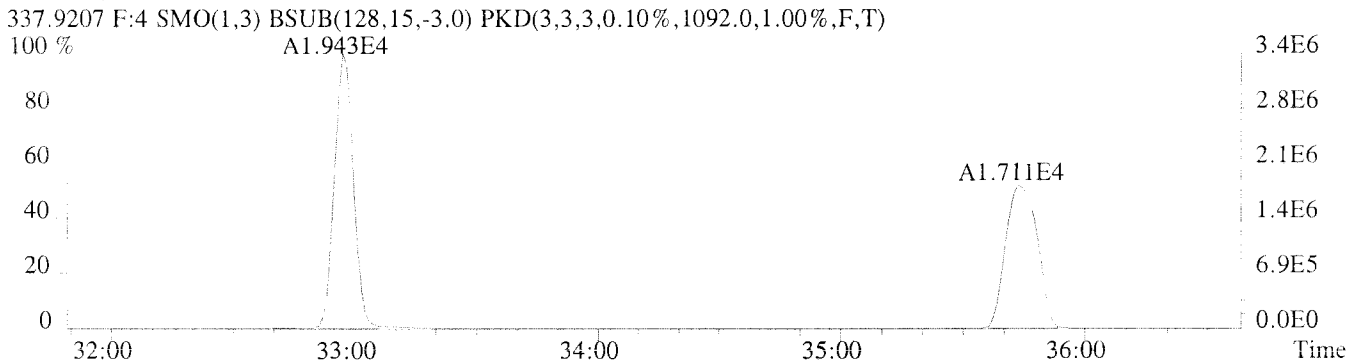
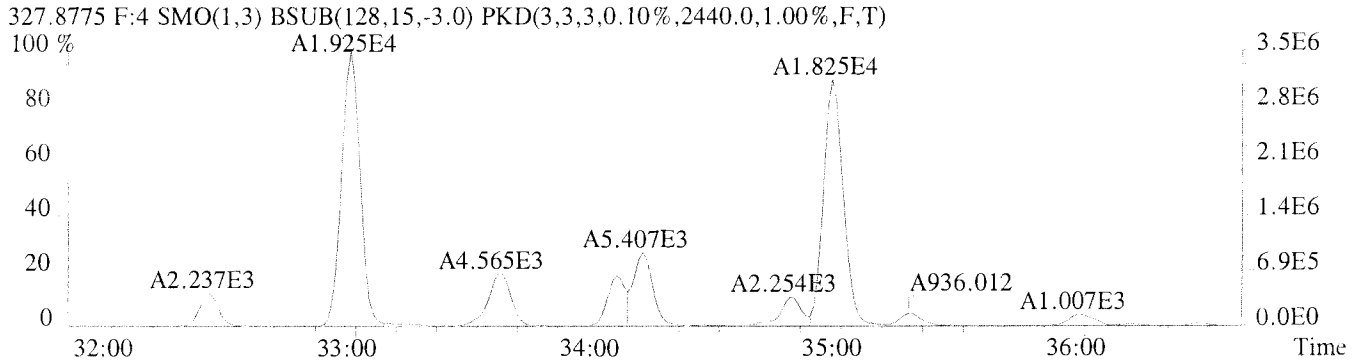
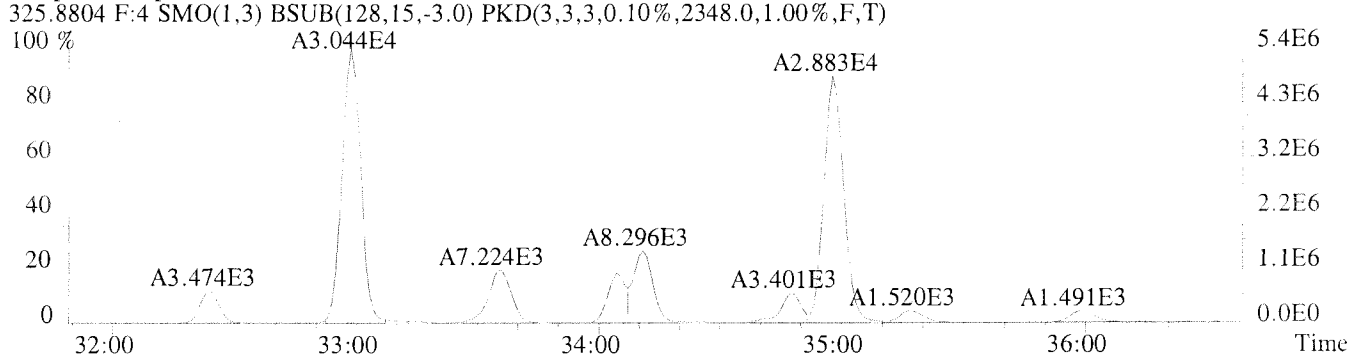
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1272.0,1.00%,F,T)



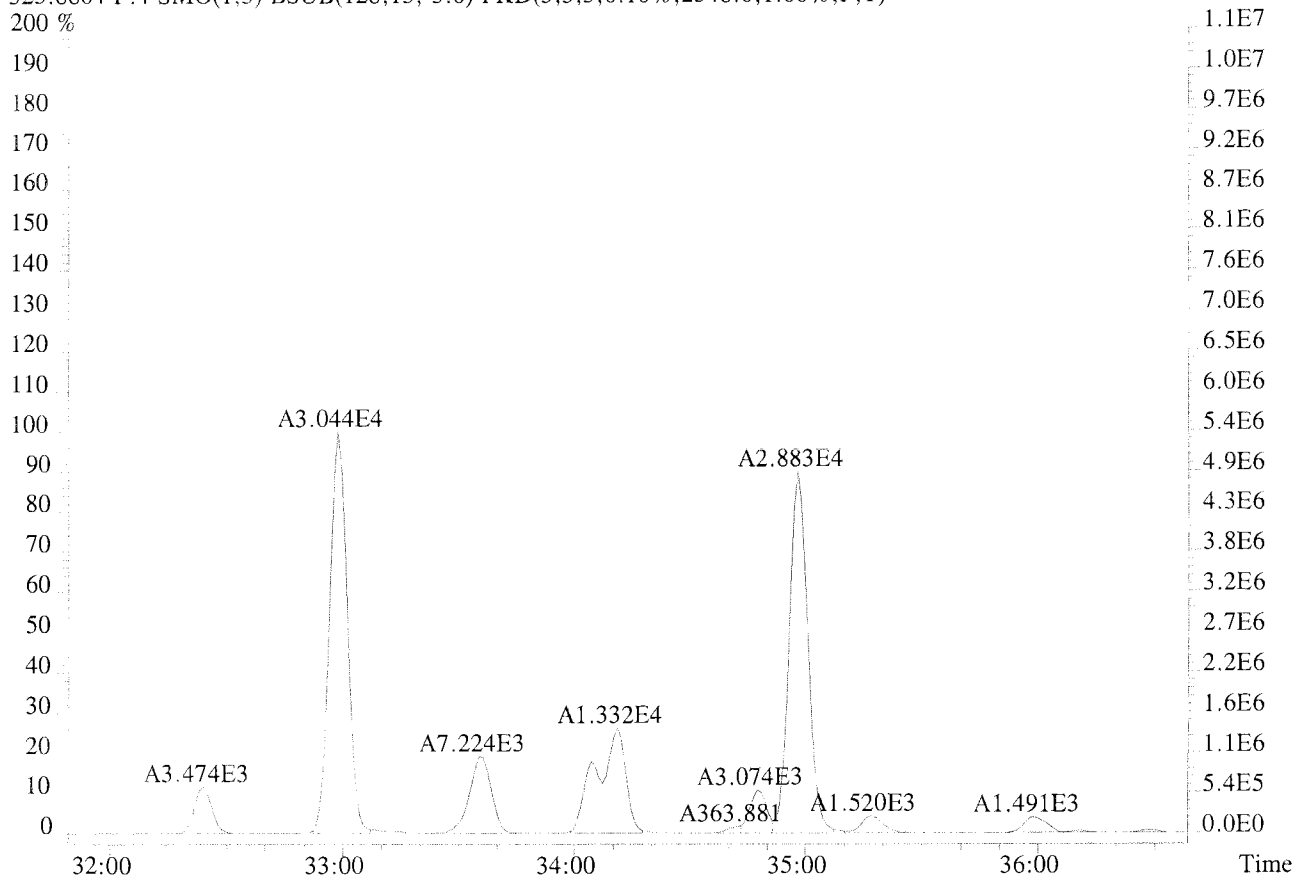
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



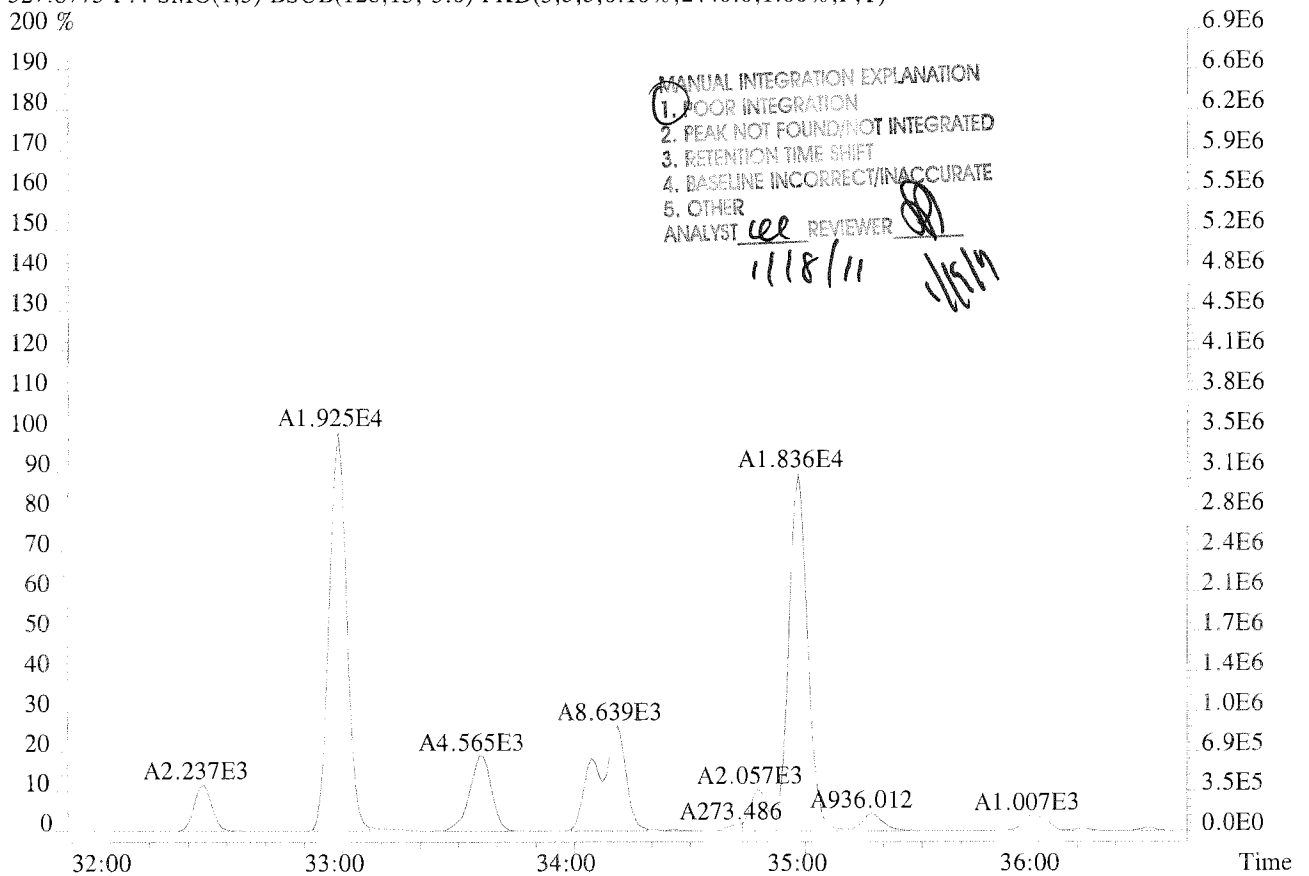
File:U224771 #1-309 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-016 USENRO031



File:U224771 #1-309 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass sE
 Sample#1 Exp:K1013433-016 USENRO031
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2348.0,1.00%,F,T)
 200 %



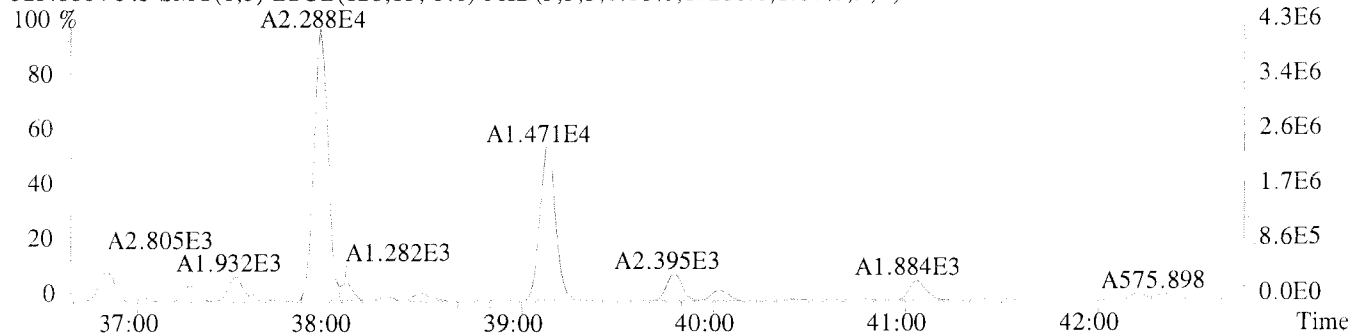
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2440.0,1.00%,F,T)
 200 %



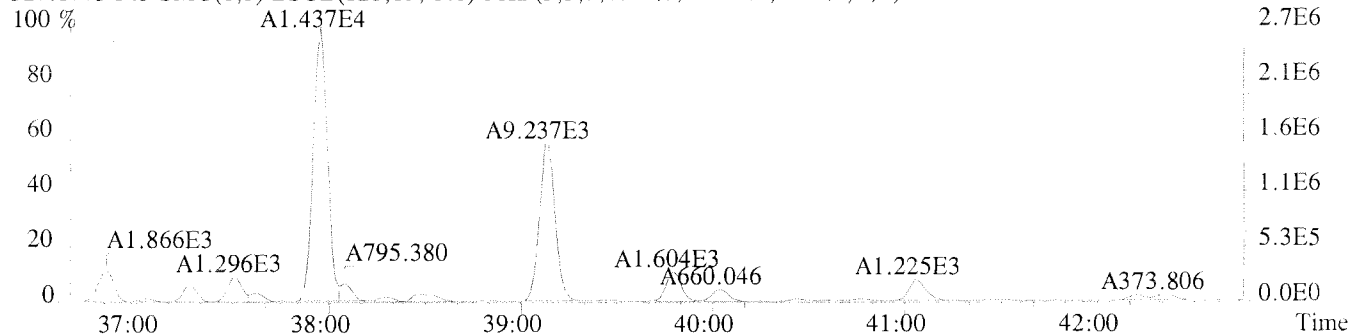
File:U224771 #1-391 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-016 USENRO031

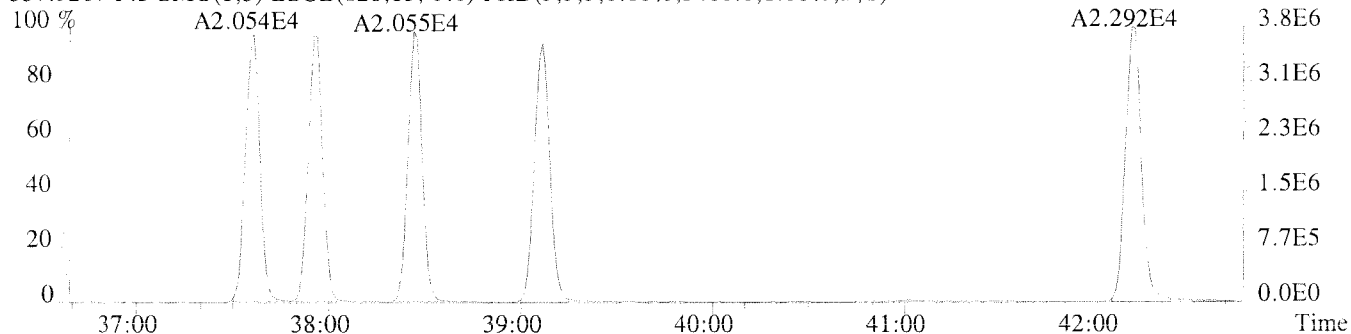
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,17280.0,1.00%,F,T)



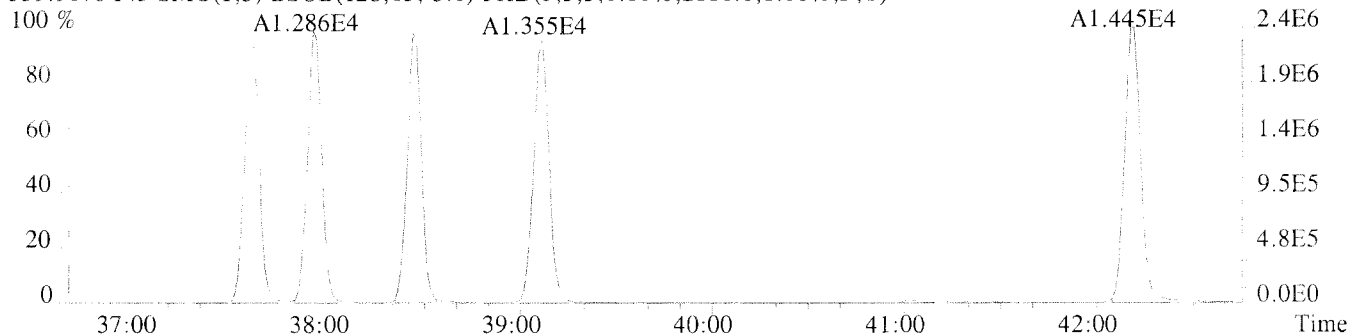
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12884.0,1.00%,F,T)



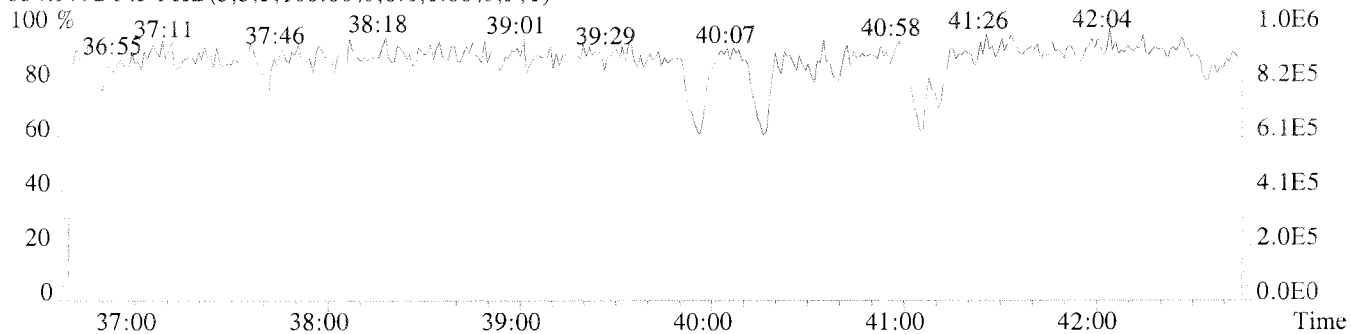
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5400.0,1.00%,F,T)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2116.0,1.00%,F,T)



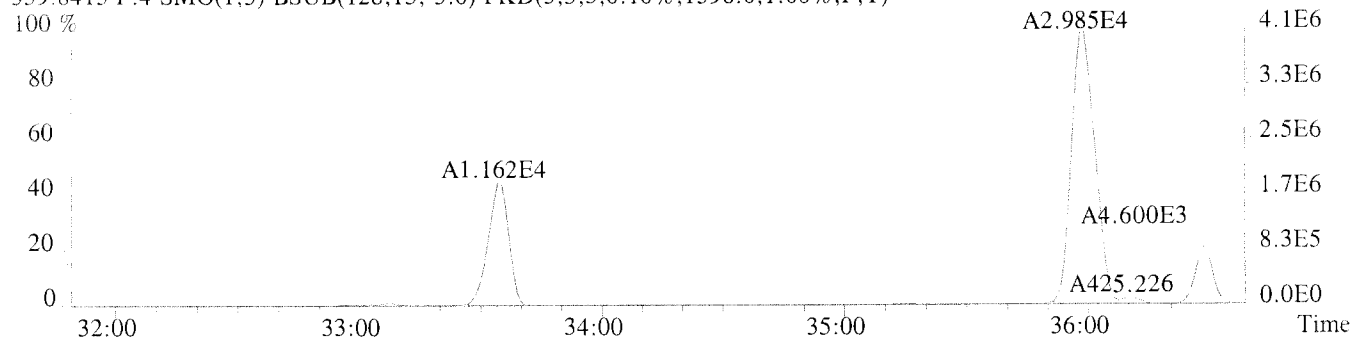
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



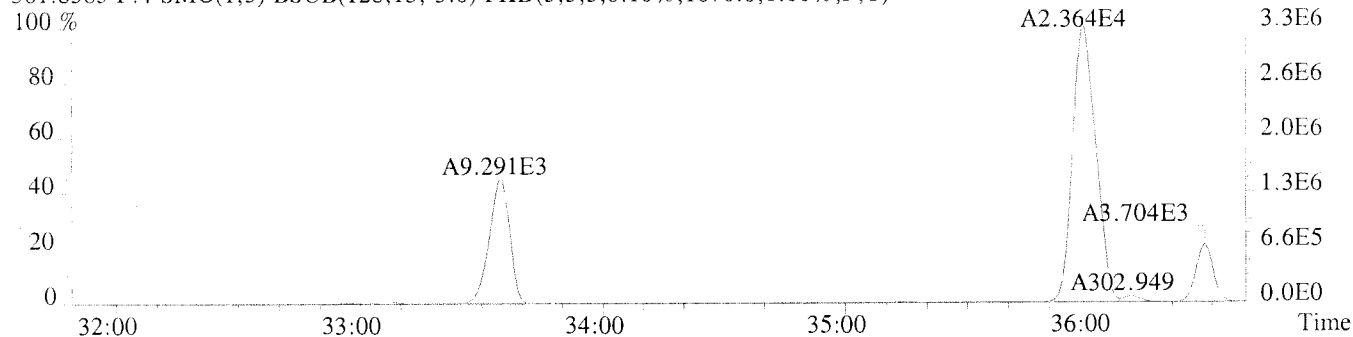
File:U224771 #1-309 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-016 USENRO031

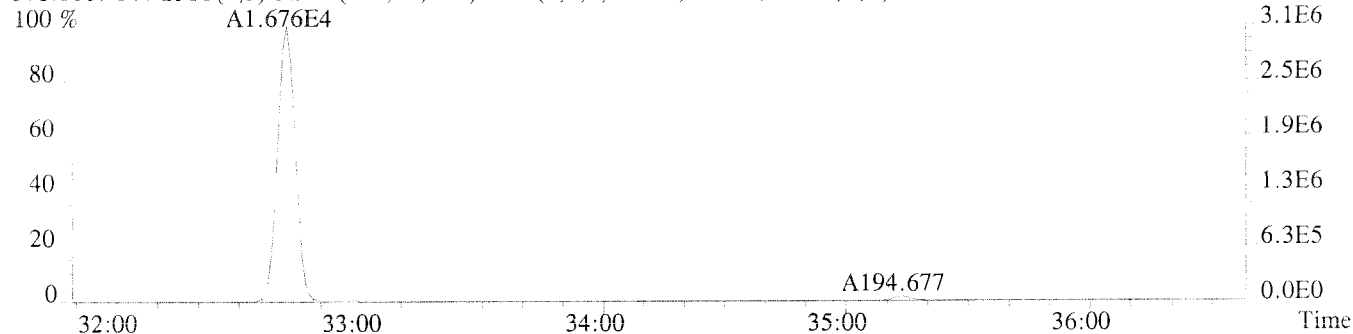
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1596.0,1.00%,F,T)



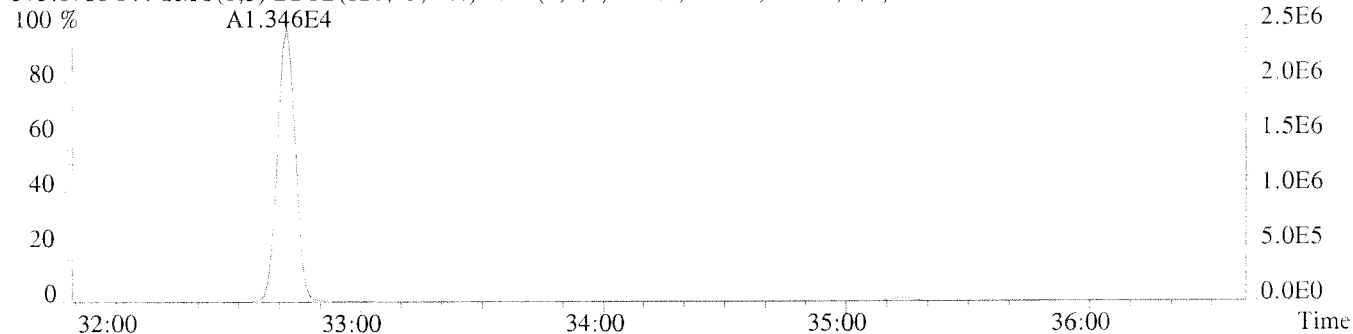
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1076.0,1.00%,F,T)



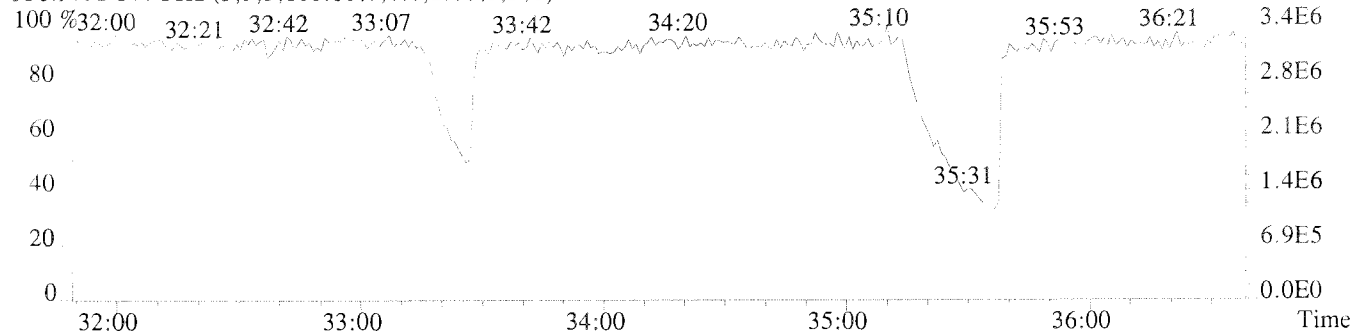
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1112.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1096.0,1.00%,F,T)



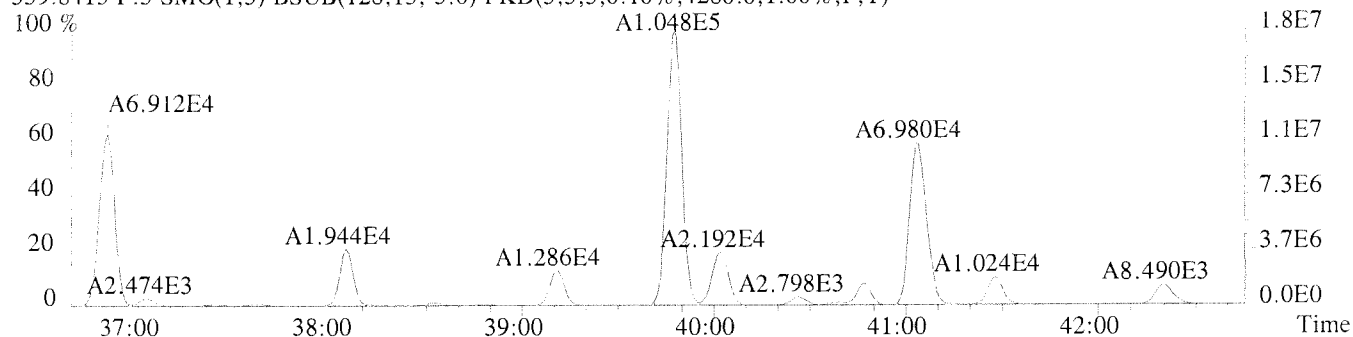
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



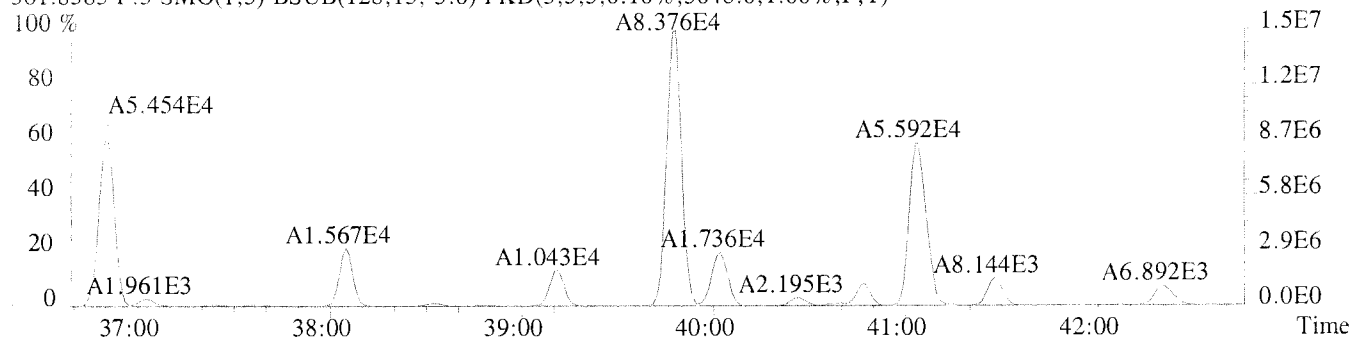
File:U224771 #1-391 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-016 USENRO031

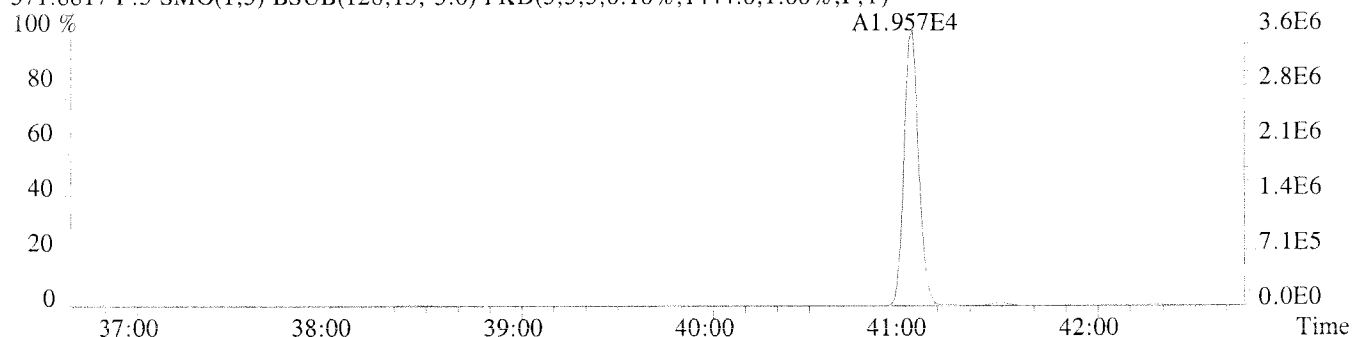
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4280.0,1.00%,F,T)



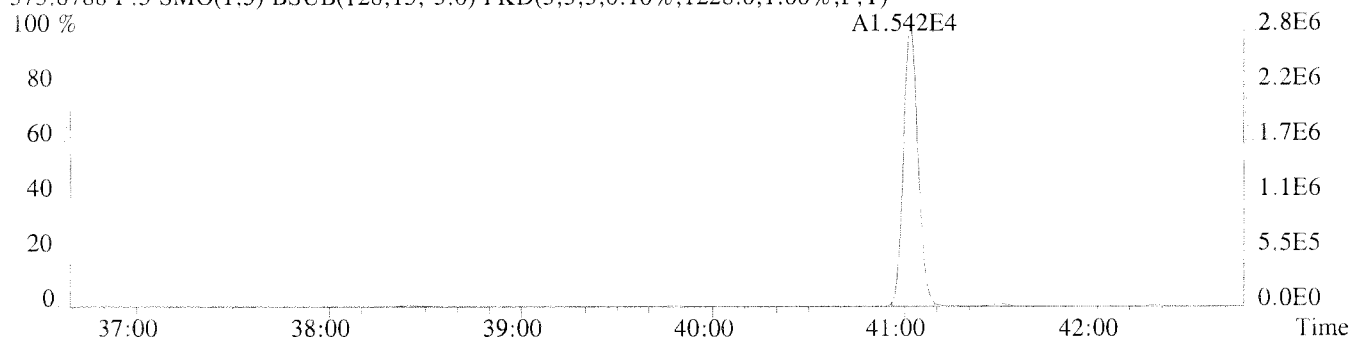
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3048.0,1.00%,F,T)



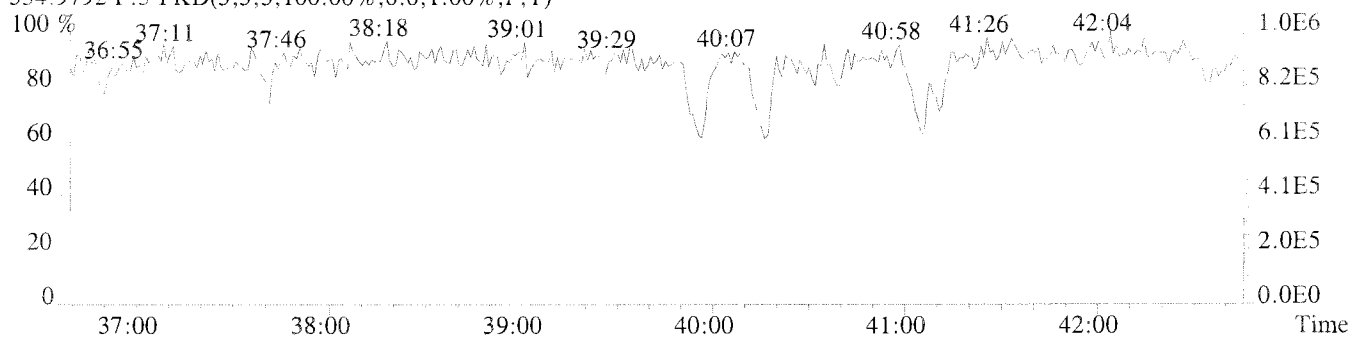
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1444.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1228.0,1.00%,F,T)

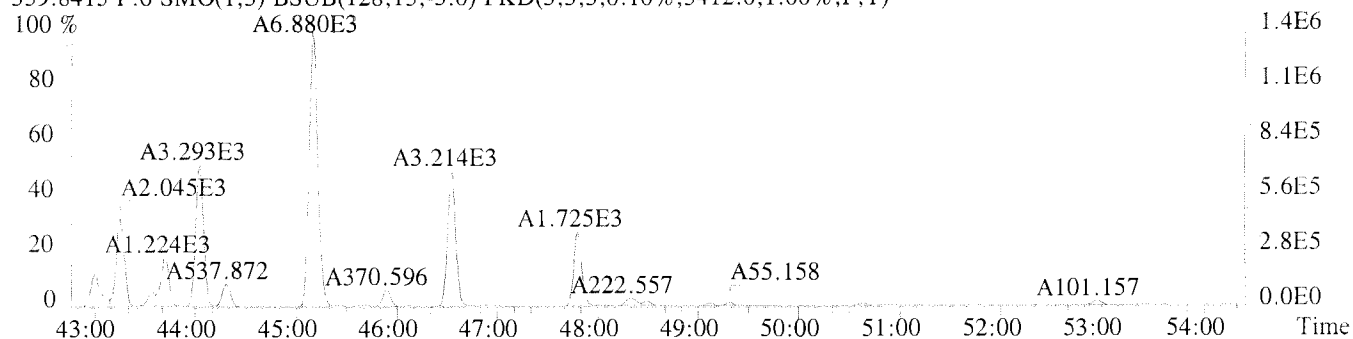


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

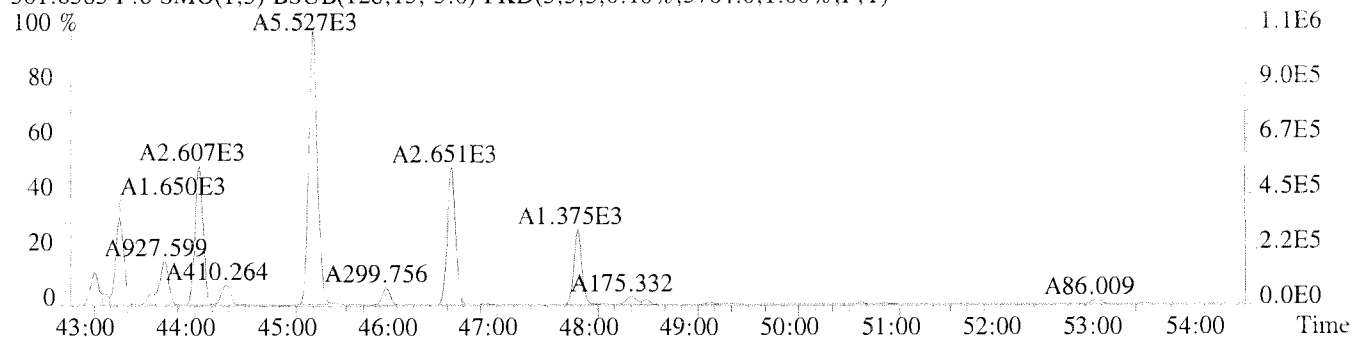


File:U224771 #1-577 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-016 USENRO031

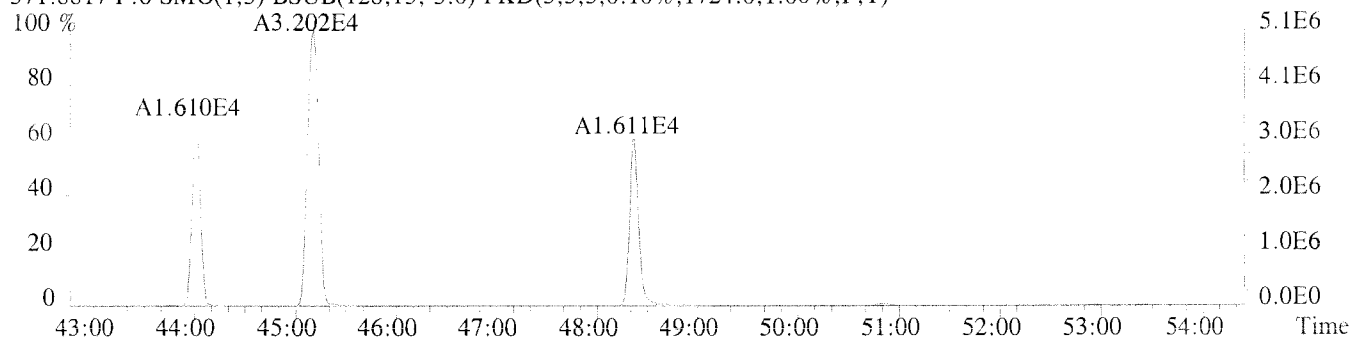
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5412.0,1.00%,F,T)



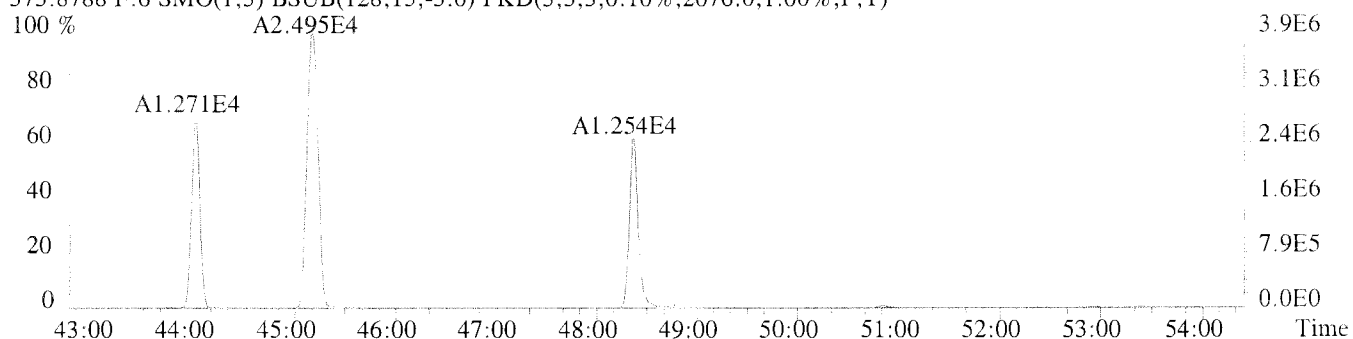
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3764.0,1.00%,F,T)



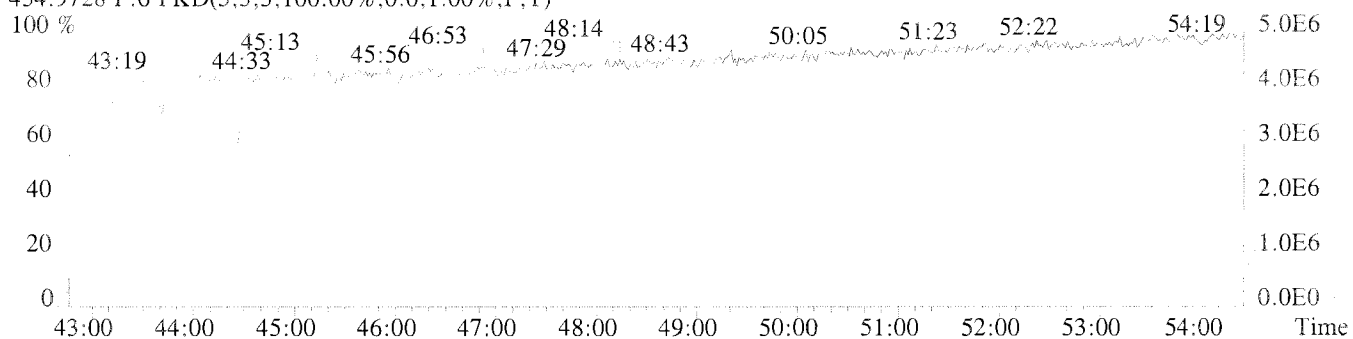
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1724.0,1.00%,F,T)



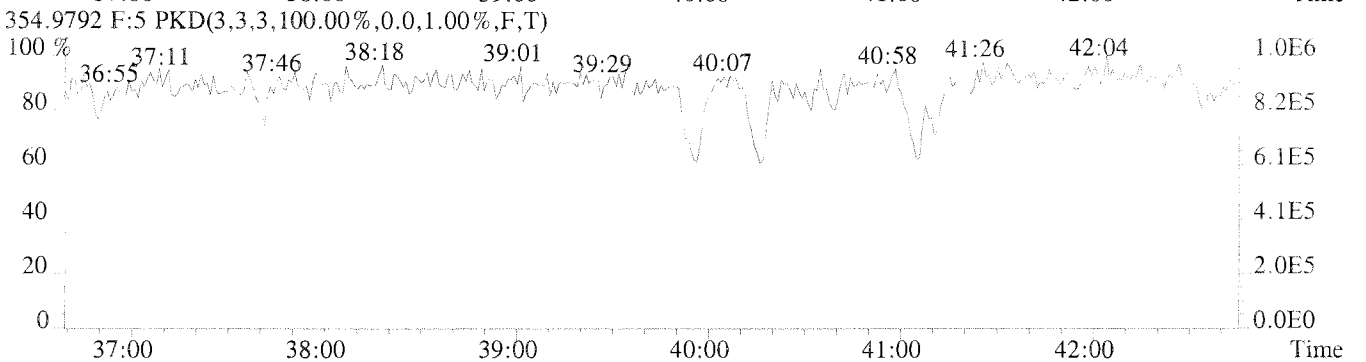
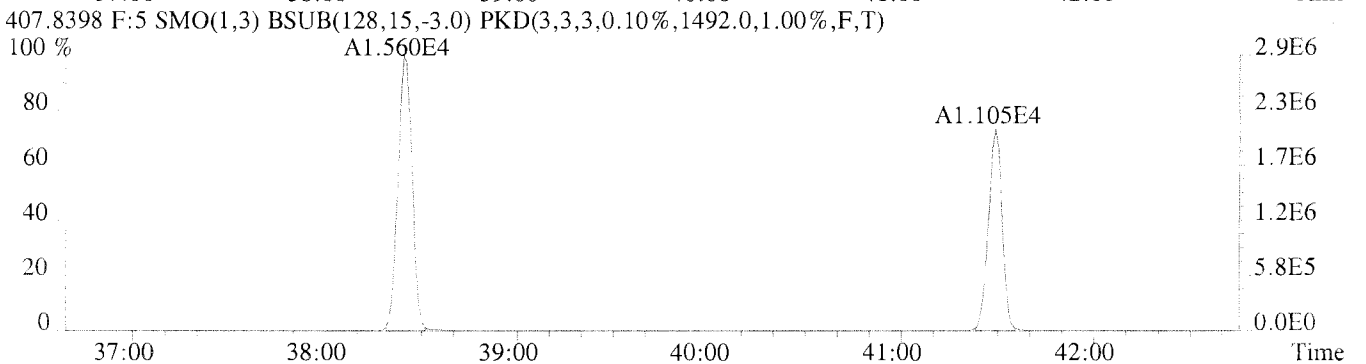
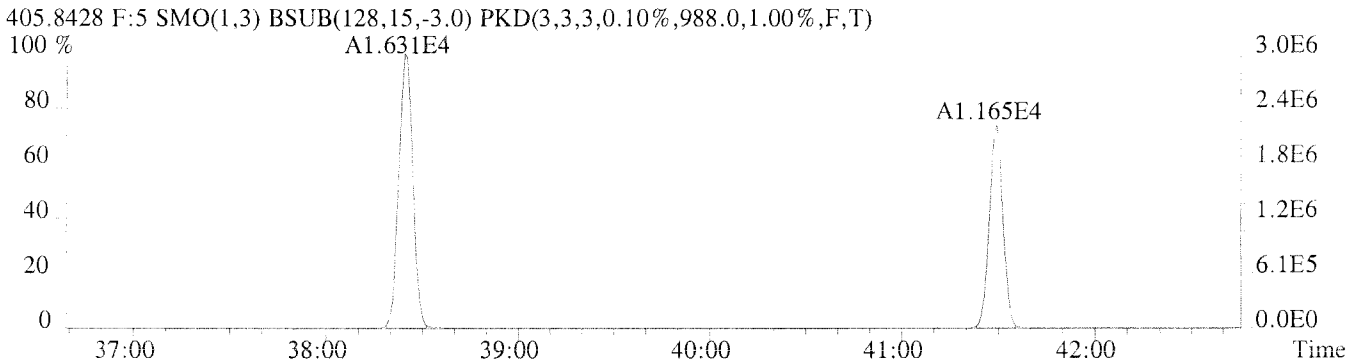
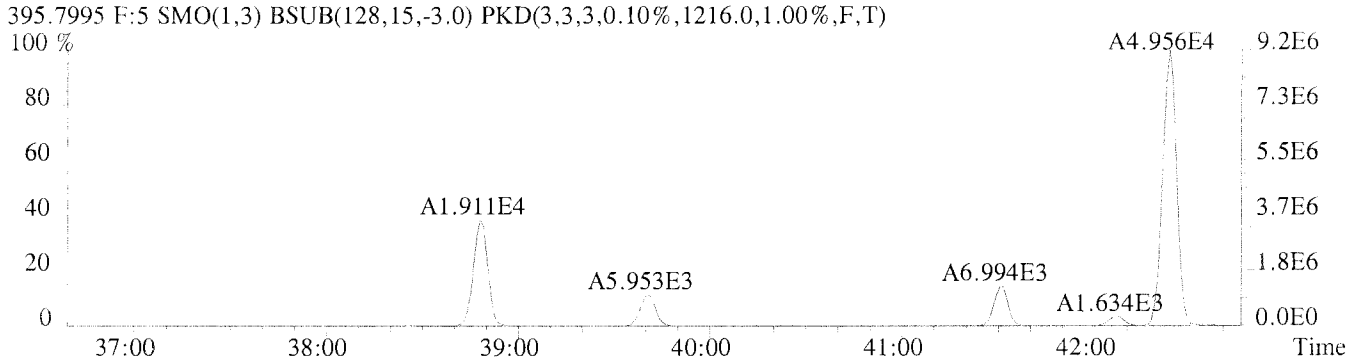
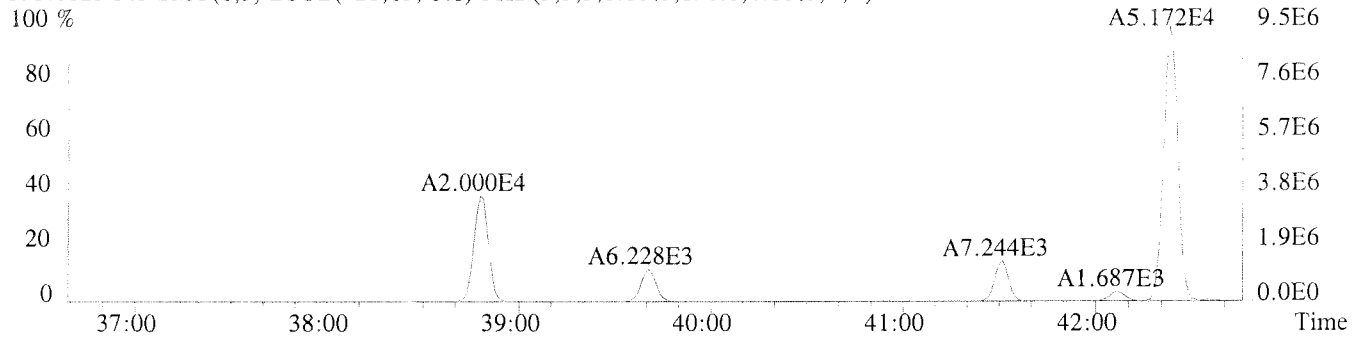
373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2076.0,1.00%,F,T)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

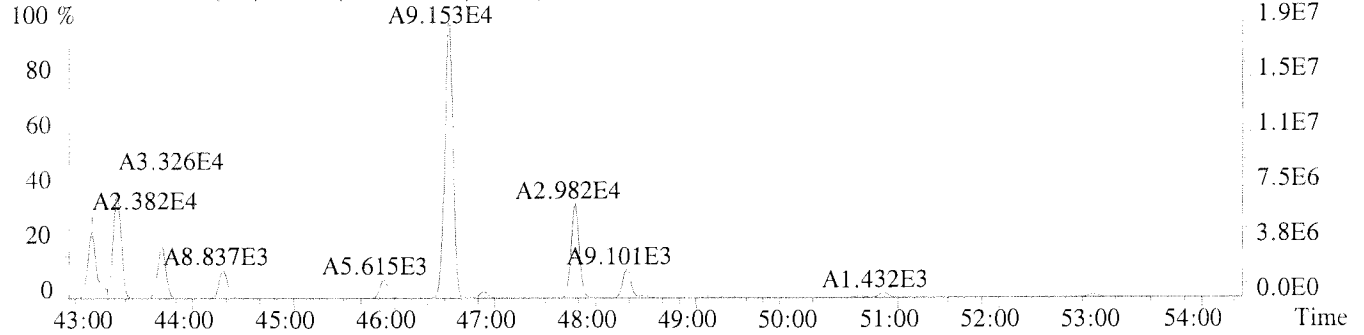


File:U224771 #1-39I Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-016 USENRO031
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,896.0,1.00%,F,T)
100 %

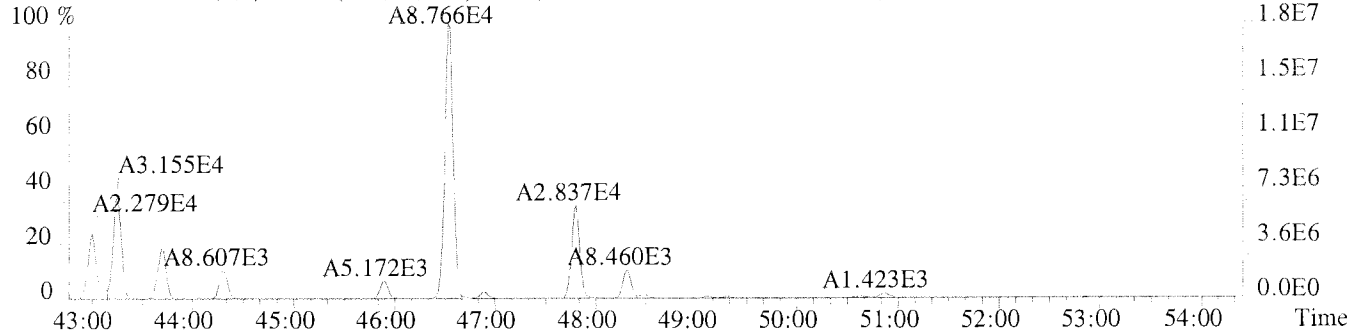


File:U224771 #1-577 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-016 USENRO031

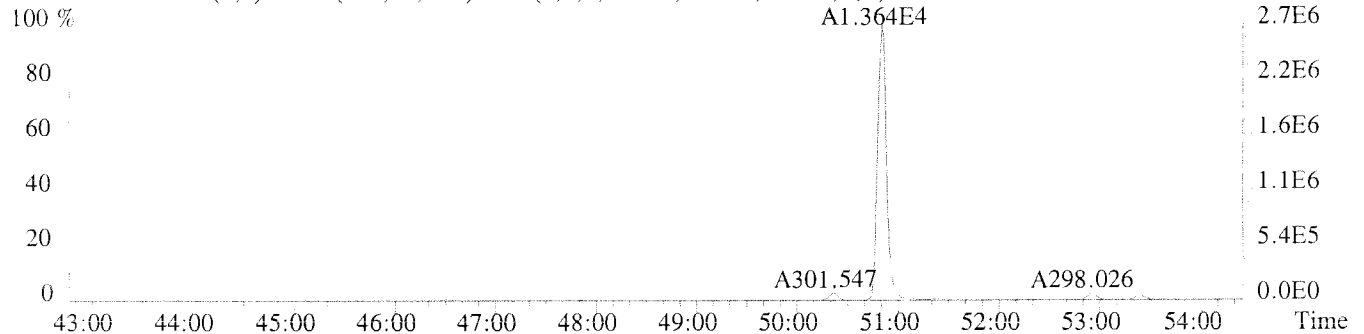
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9760.0,1.00%,F,T)



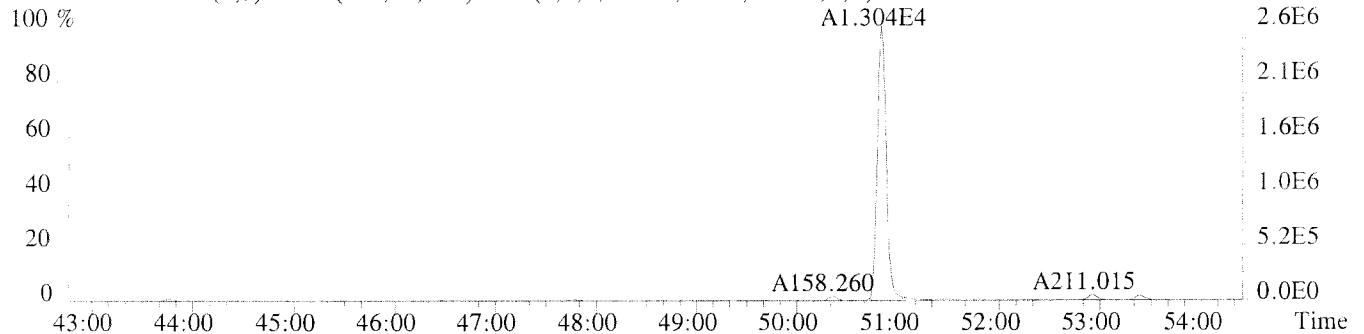
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5980.0,1.00%,F,T)



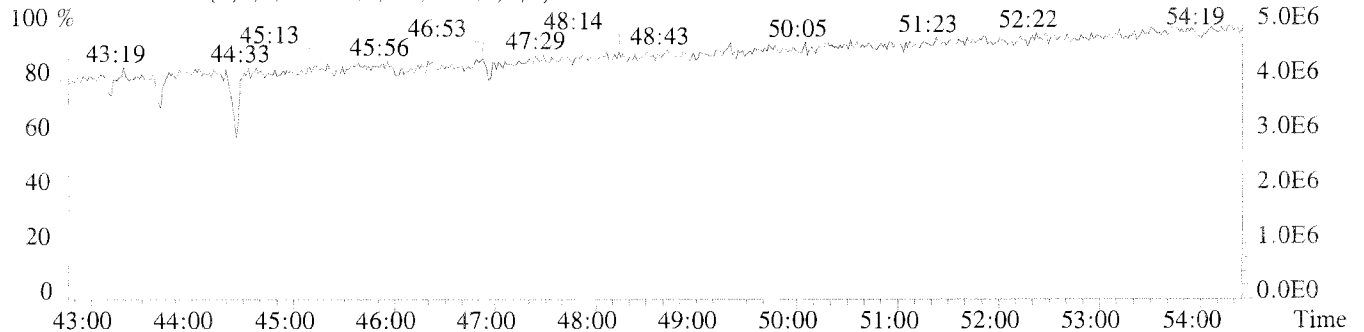
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1288.0,1.00%,F,T)



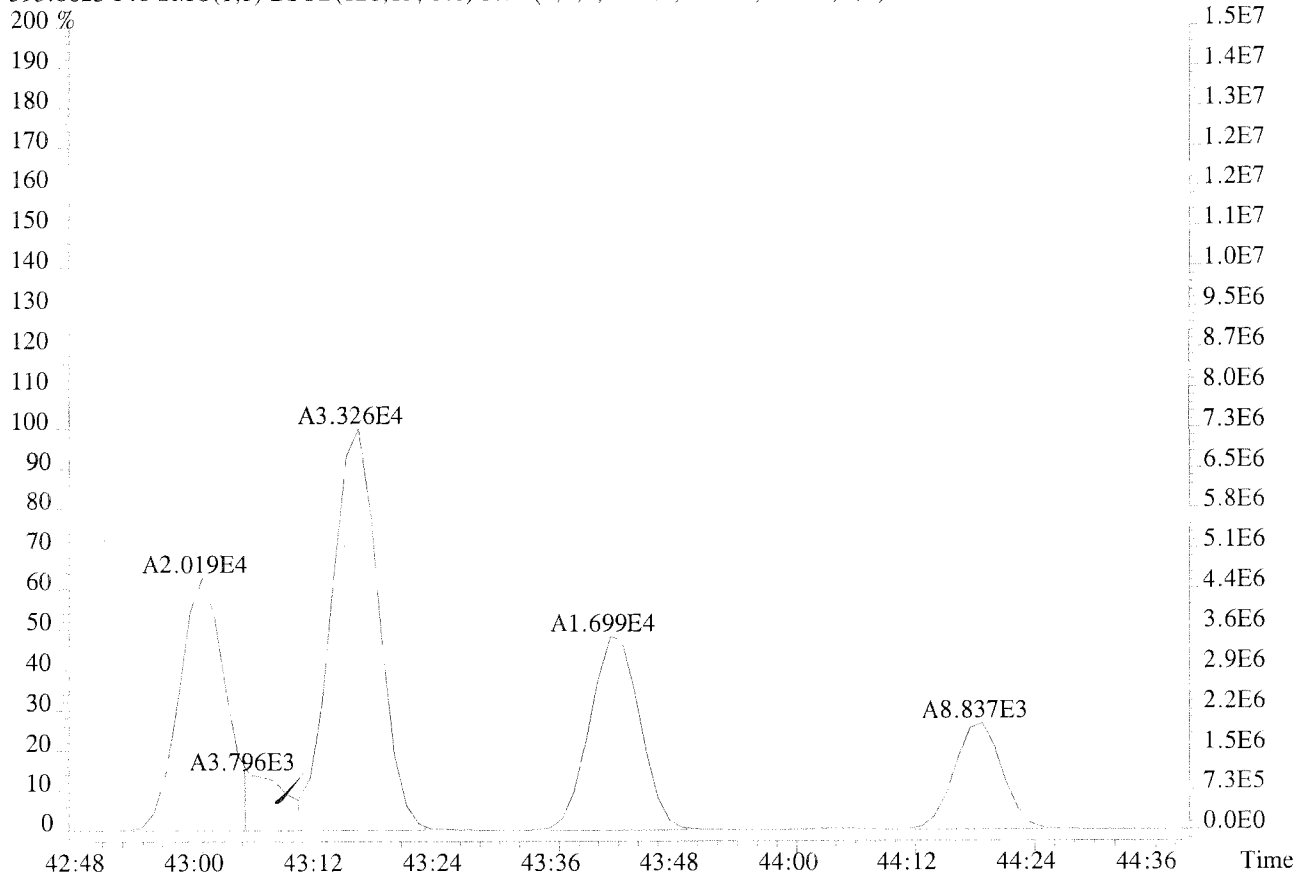
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,976.0,1.00%,F,T)



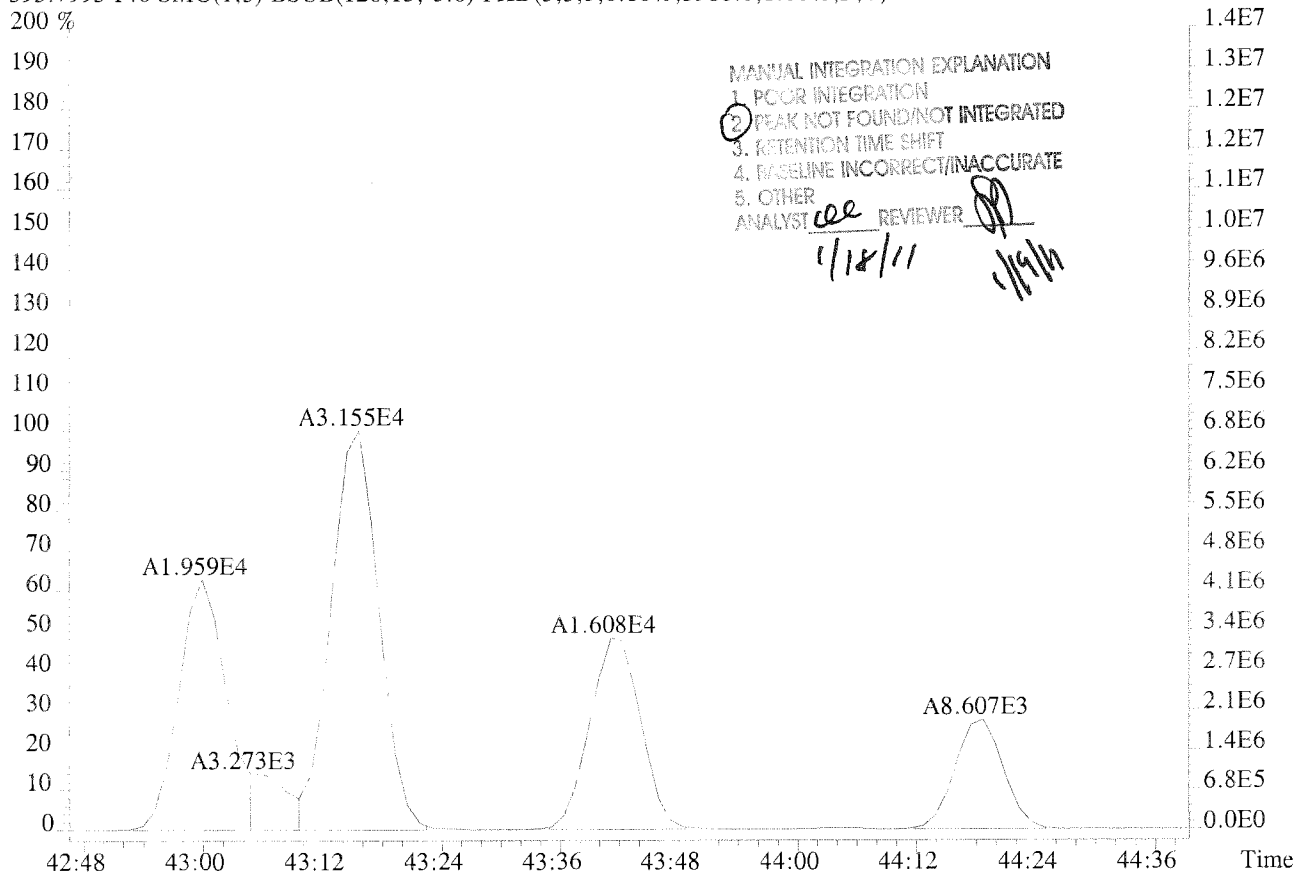
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



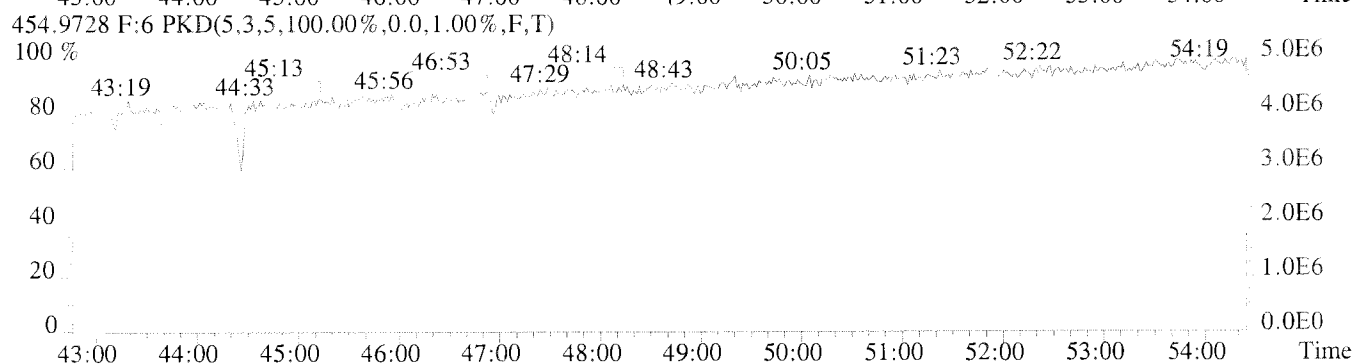
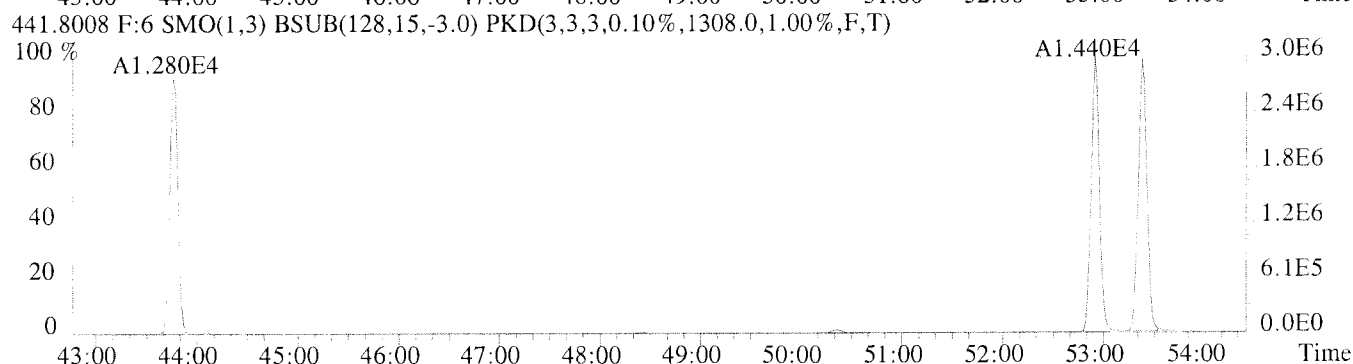
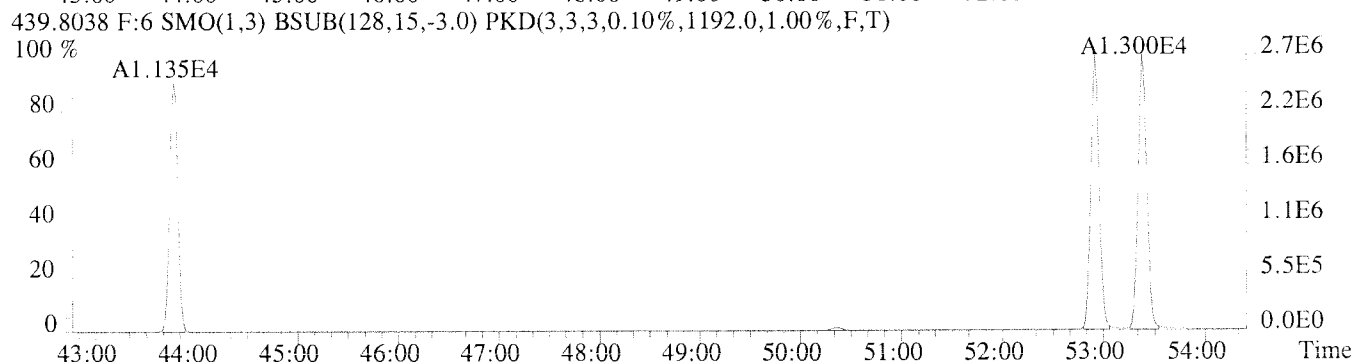
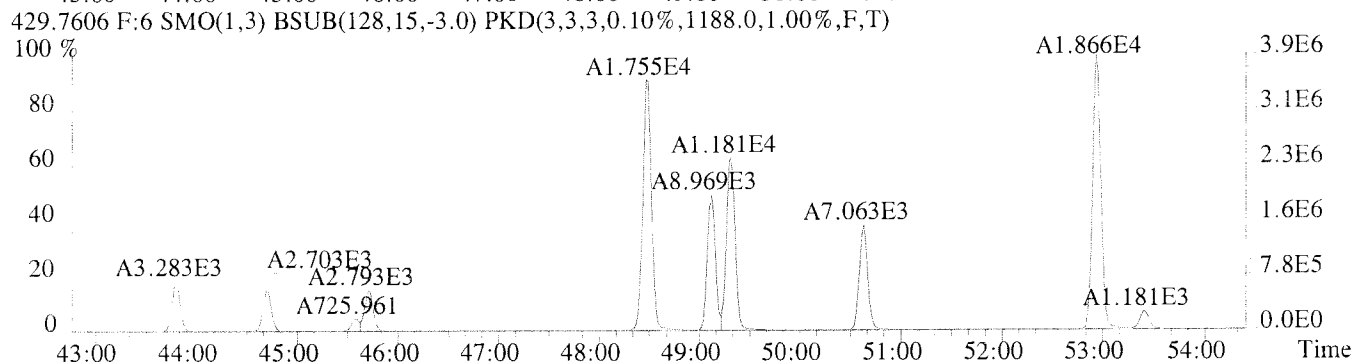
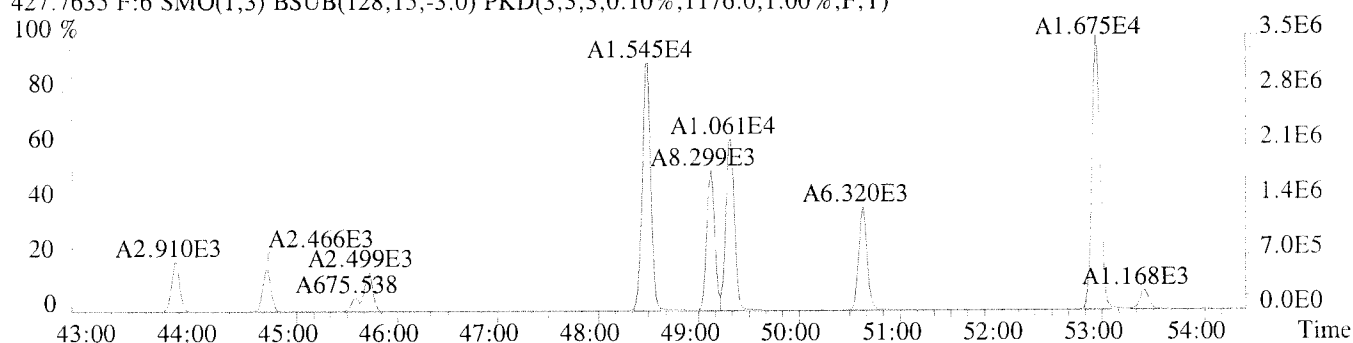
File:U224771 #1-577 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:K1013433-016 USENRO031
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9760.0,1.00%,F,T)

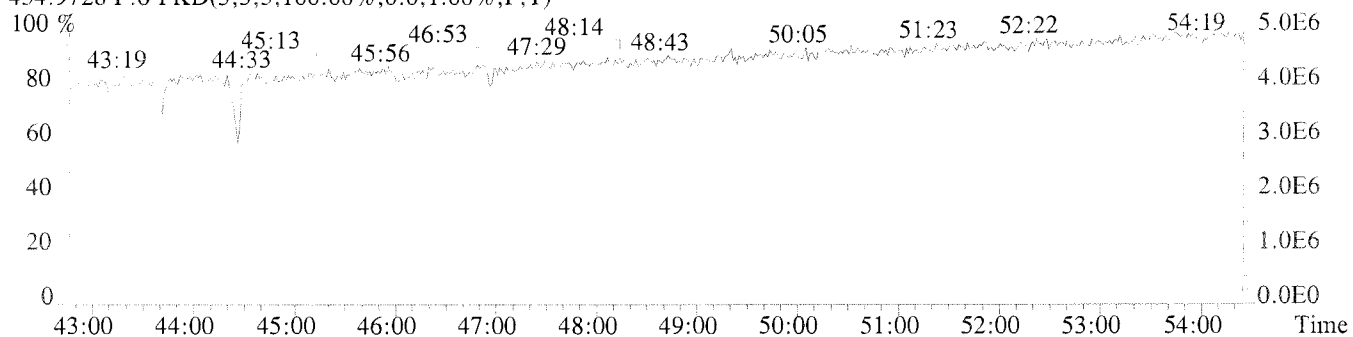
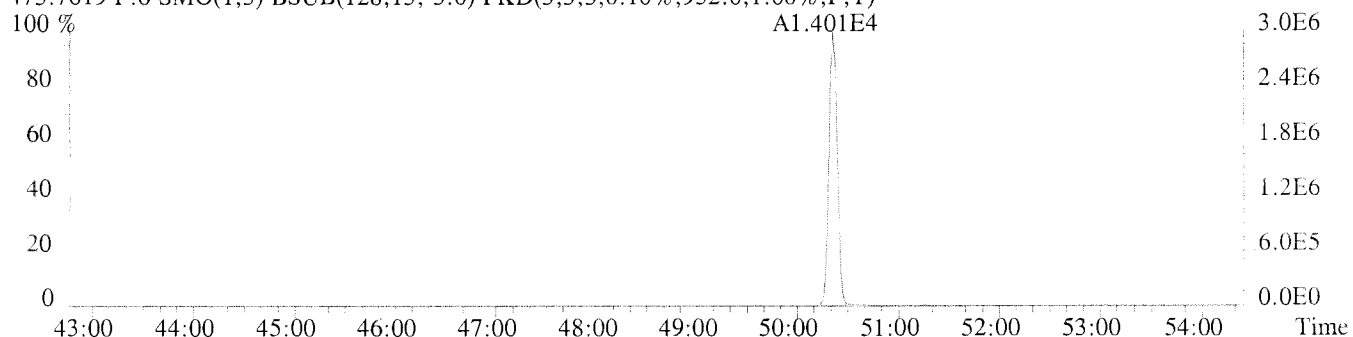
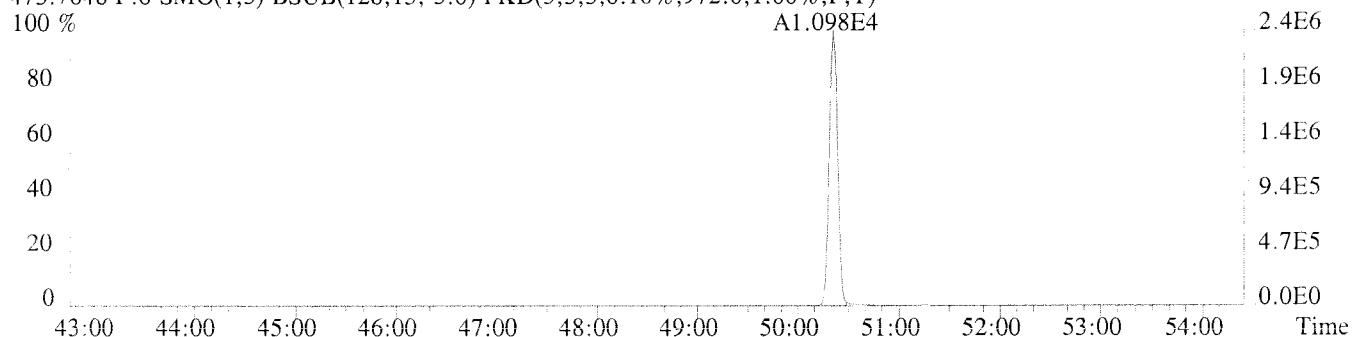
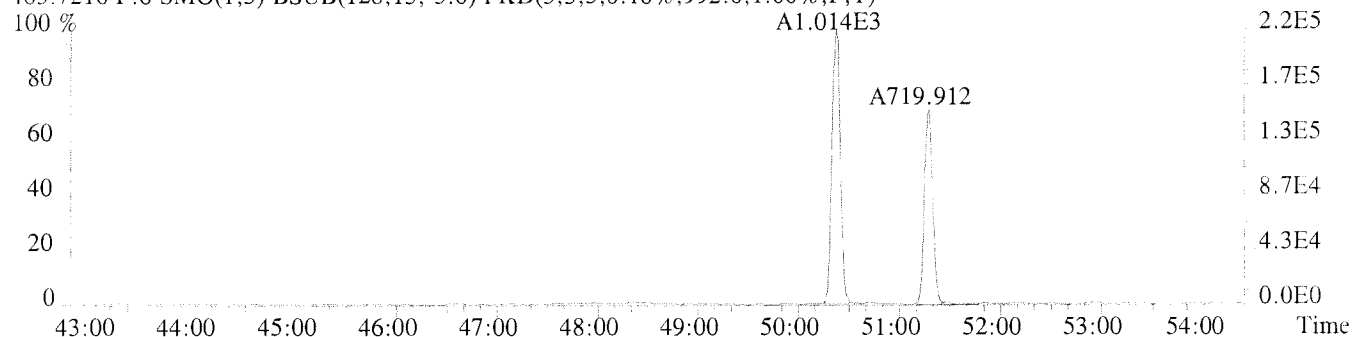
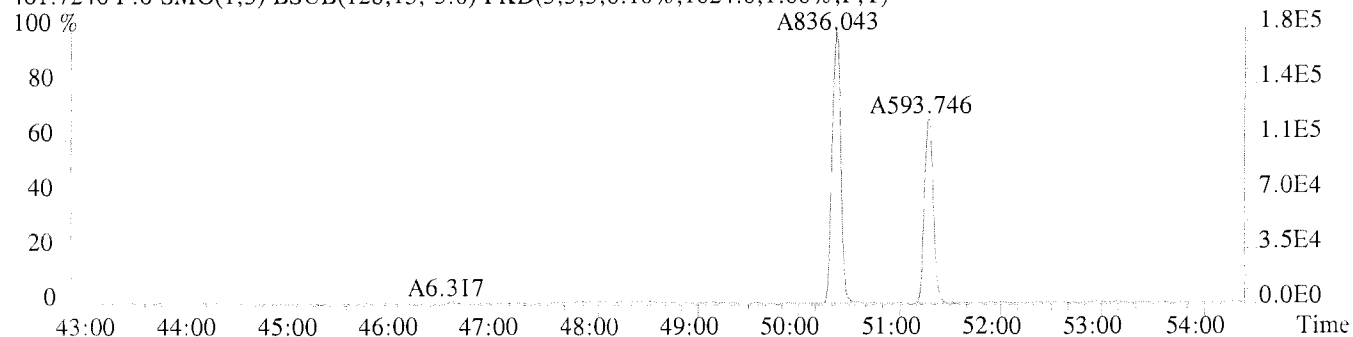


395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5980.0,1.00%,F,T)



File:U224771 #1-577 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-016 USENRO031
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1176.0,1.00%,F,T)

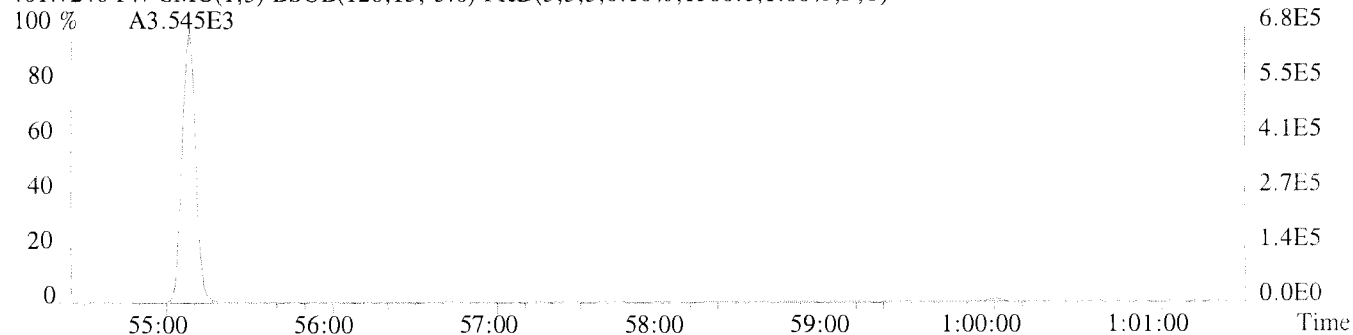




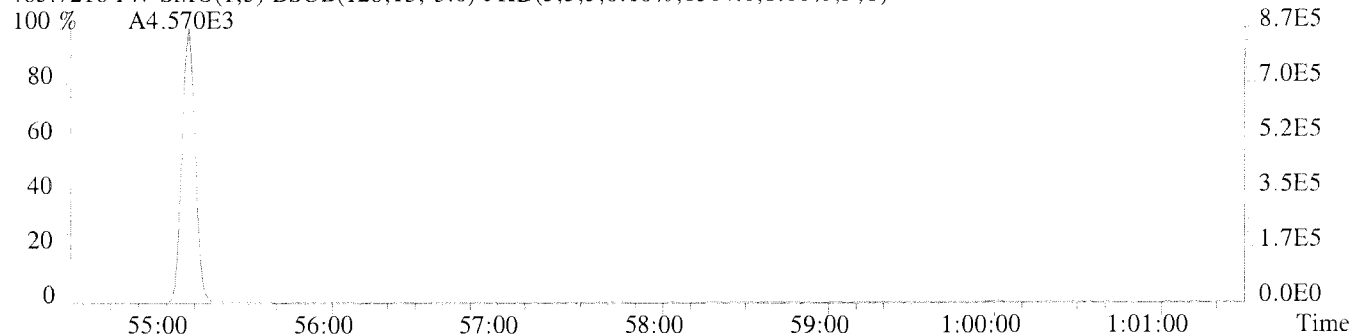
File:U224771 #1-400 Acq:17-JAN-2011 10:06:23 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-016 USENRO031

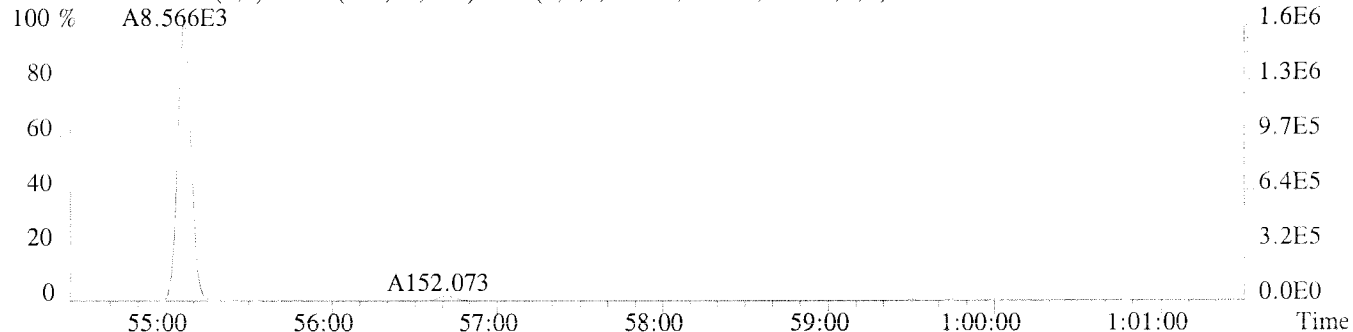
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1380.0,1.00%,F,T)



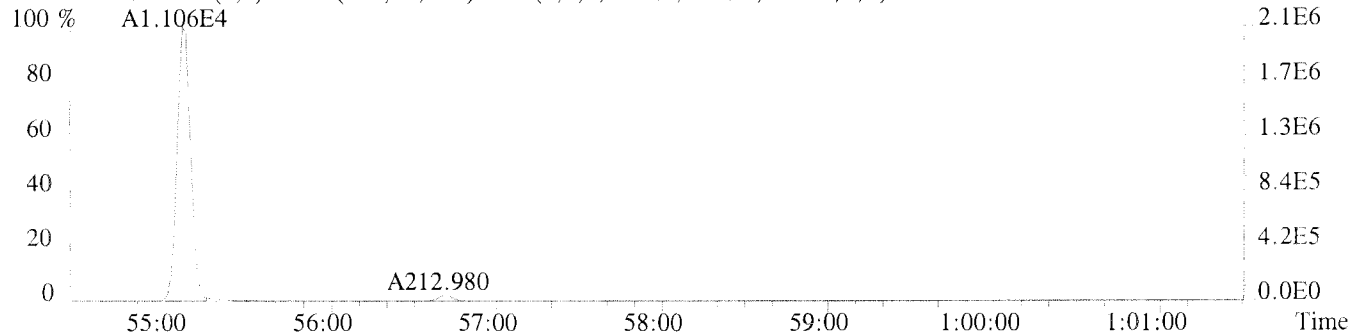
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1364.0,1.00%,F,T)



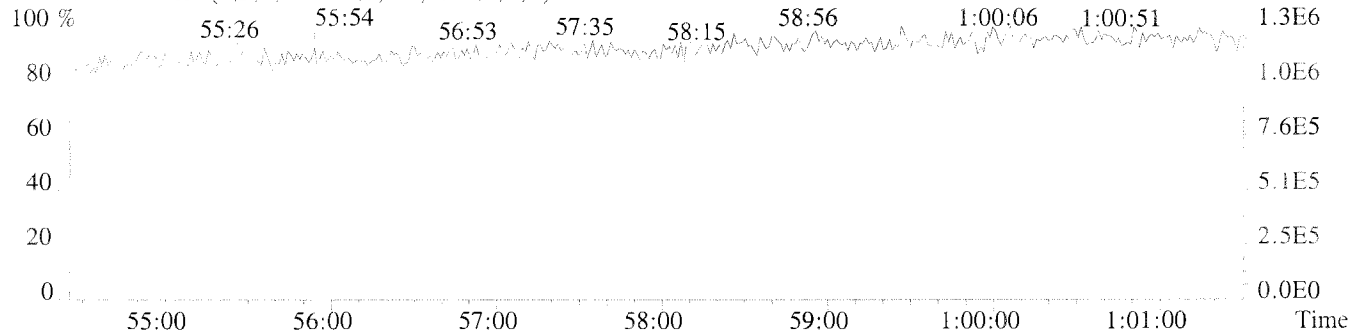
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1468.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,T)

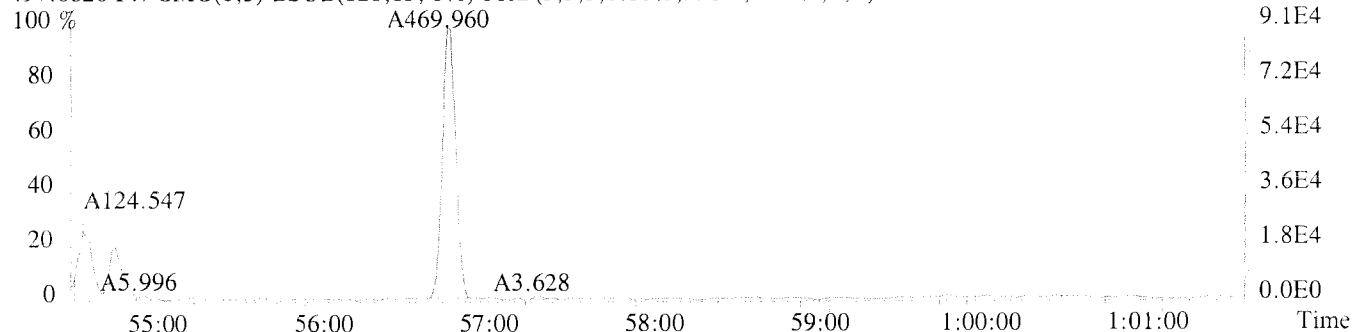


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

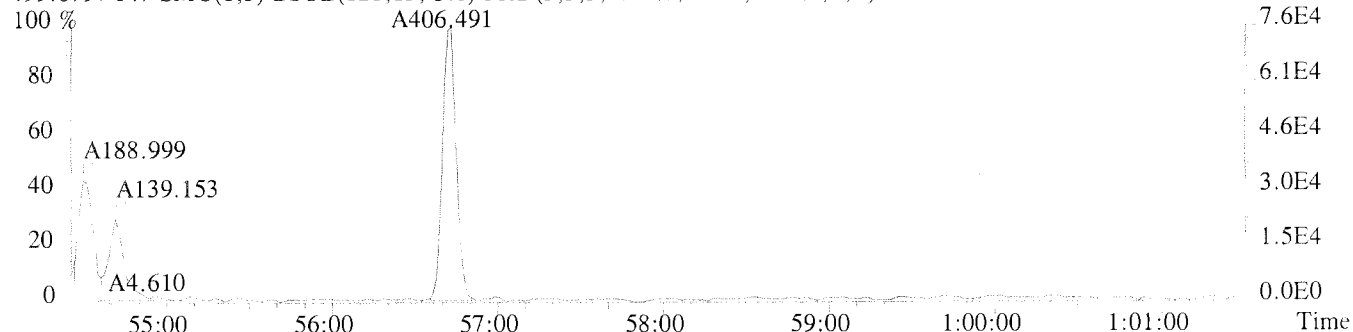


Sample#1 Exp:K1013433-016 USENRO031

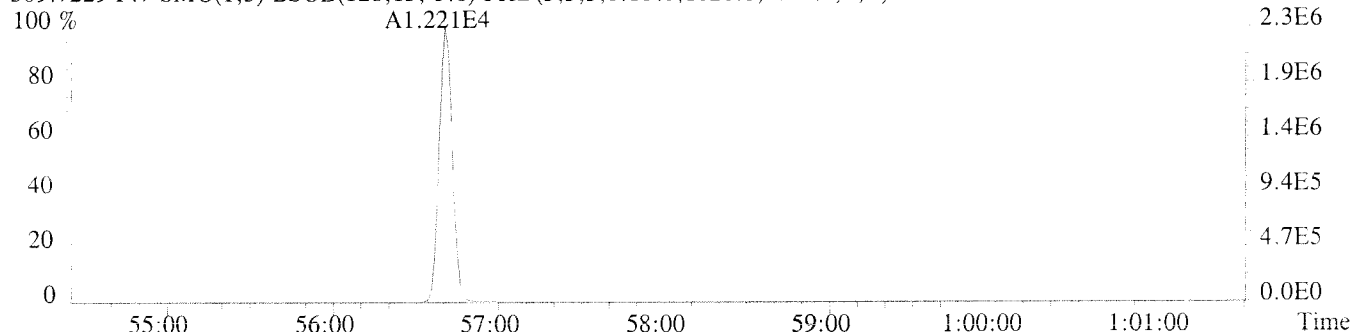
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,996.0,1.00%,F,T)



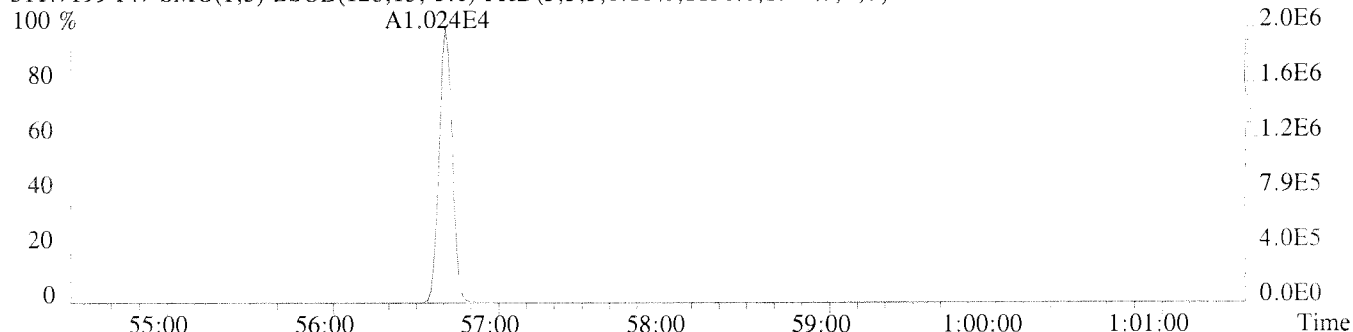
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,916.0,1.00%,F,T)



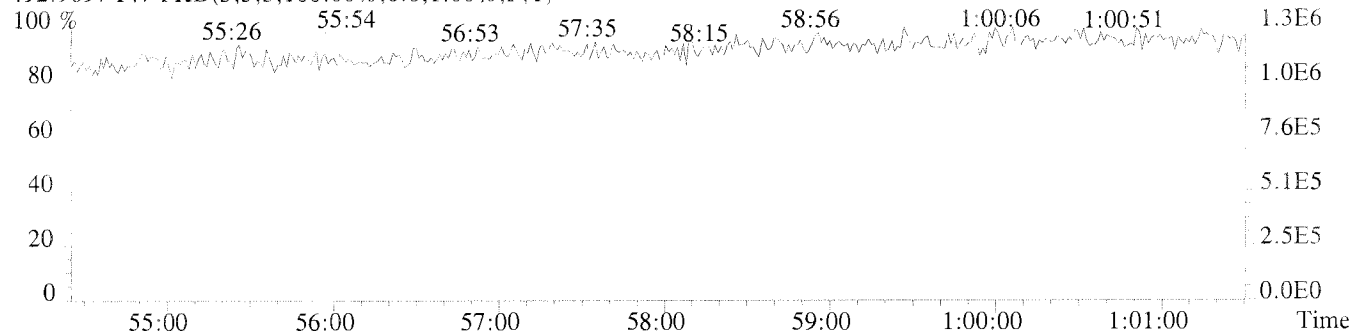
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1020.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1136.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-E/W-06-2

Run #11 Filename U224772 Samp: 1 Inj: 1 Acquired: 17-JAN-11 11:14:36
Processed: 18-JAN-11 12:47:04 Sample ID: K1013433-017

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	12:59	1.128e+04	3.559e+03	3.17	y	n	1.062
2	1	PCB-2	15:01	5.314e+03	1.708e+03	3.11	y	n	1.054
3	1	PCB-3	15:12	1.194e+04	3.719e+03	3.21	y	n	1.057
4	1	PCB-4	15:28	8.704e+03	5.855e+03	1.49	y	y	0.952
5	1	PCB-10	NotFnd	*	*	*	n	n	1.316
6	2	PCB-9	17:47	5.263e+03	3.921e+03	1.34	y	n	1.034
7	2	PCB-7	17:52	1.261e+03	1.114e+03	1.13	n	n	1.042
8	2	PCB-6	18:02	1.076e+04	7.441e+03	1.45	y	y	1.067
9	2	PCB-5	18:18	1.537e+03	8.340e+02	1.84	n	y	0.898
10	2	PCB-8	18:25	3.617e+04	2.304e+04	1.57	y	y	1.135
11	2	PCB-14	NotFnd	*	*	*	n	n	1.069
12	2	PCB-11	20:45	1.643e+04	1.021e+04	1.61	y	n	1.081
13	2	PCB-12/13	21:03	1.057e+04	6.956e+03	1.52	y	n	1.015
14	2	PCB-15	21:22	2.659e+04	1.666e+04	1.60	y	n	0.973
15	2	PCB-19	18:42	1.283e+03	1.269e+03	1.01	y	n	1.021
16	2	PCB-18/30	20:29	2.216e+04	2.088e+04	1.06	y	n	0.911
17	2	PCB-17	20:52	7.536e+03	7.140e+03	1.06	y	n	0.793
18	2	PCB-27	21:05	1.754e+03	1.630e+03	1.08	y	n	1.107
19	2	PCB-24	21:12	4.409e+02	4.448e+02	0.99	y	n	0.995
20	2	PCB-16	21:20	7.366e+03	6.968e+03	1.06	y	n	0.625
21	2	PCB-32	21:49	8.661e+03	8.274e+03	1.05	y	n	1.179
22	3	PCB-34	23:03	2.476e+02	2.400e+02	1.03	y	n	1.355
23	3	PCB-23	23:12	1.495e+02	1.730e+02	0.86	n	n	1.246
24	3	PCB-26/29	23:31	1.515e+04	1.419e+04	1.07	y	n	1.397
25	3	PCB-25	23:45	5.885e+03	5.530e+03	1.06	y	n	1.576
26	3	PCB-31	24:04	8.256e+04	7.909e+04	1.04	y	n	1.461
27	3	PCB-20/28	24:21	8.003e+04	7.726e+04	1.04	y	n	1.281
28	3	PCB-21/33	24:36	4.383e+04	4.178e+04	1.05	y	n	1.433
29	3	PCB-22	24:59	3.344e+04	3.192e+04	1.05	y	n	1.250
30	3	PCB-36	26:31	2.409e+02	2.091e+02	1.15	y	y	1.402
31	3	PCB-39	NotFnd	*	*	*	n	y	1.410
32	3	PCB-38	NotFnd	*	*	*	n	n	1.379
33	3	PCB-35	27:56	3.816e+03	3.621e+03	1.05	y	y	1.341
34	3	PCB-37	28:21	3.885e+04	3.684e+04	1.05	y	n	1.082
35	2	PCB-54	21:42	4.814e+01	6.447e+01	0.75	y	n	0.963
36	3	PCB-50/53	23:48	4.084e+03	5.192e+03	0.79	y	n	0.775
37	3	PCB-45/51	24:28	5.167e+03	6.566e+03	0.79	y	n	0.755
38	3	PCB-46	24:47	1.731e+03	2.052e+03	0.84	y	n	0.676
39	3	PCB-52	26:10	3.926e+04	4.994e+04	0.79	y	y	0.824
40	3	PCB-43/73	26:24	1.445e+03	1.764e+03	0.82	y	y	0.824
41	3	PCB-49/69	26:39	2.259e+04	2.858e+04	0.79	y	y	0.933
42	3	PCB-48	26:55	8.022e+03	1.026e+04	0.78	y	y	0.755
43	3	PCB-44/47/65	27:10	3.921e+04	4.991e+04	0.79	y	y	0.857
44	3	PCB-59/62/75	27:29	4.514e+03	5.643e+03	0.80	y	y	1.034
45	3	PCB-42	27:40	9.862e+03	1.253e+04	0.79	y	y	0.760
46	3	PCB-40/41/71	28:11	2.347e+04	3.032e+04	0.77	y	y	0.775
47	3	PCB-64	28:24	2.519e+04	3.262e+04	0.77	y	y	1.112
48	3	PCB-72	29:12	3.566e+02	6.525e+02	0.55	n	n	1.111
49	3	PCB-68	NotFnd	*	*	*	n	n	1.047
50	3	PCB-57	29:55	1.994e+02	2.540e+02	0.78	y	n	1.051

51	3	PCB-58	NotFnd	*	*	*	n	y	1.011
52	3	PCB-67	30:18	1.931e+03	2.479e+03	0.78	y	n	1.200
53	3	PCB-63	30:35	2.570e+03	3.255e+03	0.79	y	n	1.120
54	3	PCB-61/70/74/76	30:55	1.095e+05	1.398e+05	0.78	y	n	1.067
55	3	PCB-66	31:15	6.207e+04	7.917e+04	0.78	y	n	1.127
56	3	PCB-55	31:24	1.136e+03	1.493e+03	0.76	y	n	0.946
57	4	PCB-56	31:56	3.921e+04	4.959e+04	0.79	y	n	1.067
58	4	PCB-60	32:08	2.501e+04	3.234e+04	0.77	y	n	1.028
59	4	PCB-80	NotFnd	*	*	*	n	n	1.234
60	4	PCB-79	34:03	1.108e+03	1.392e+03	0.80	y	n	1.177
61	4	PCB-78	NotFnd	*	*	*	n	n	1.037
62	4	PCB-81	35:03	5.935e+02	7.451e+02	0.80	y	y	1.084
63	4	PCB-77	35:42	1.381e+04	1.766e+04	0.78	y	n	1.037
64	3	PCB-104	NotFnd	*	*	*	n	n	1.003
65	3	PCB-96	27:30	6.649e+02	4.424e+02	1.50	y	n	1.194
66	3	PCB-103	29:23	4.076e+02	2.642e+02	1.54	y	n	0.992
67	3	PCB-94	29:37	2.748e+02	1.775e+02	1.55	y	n	0.795
68	3	PCB-95	30:04	4.870e+04	3.138e+04	1.55	y	n	0.906
69	3	PCB-93/100	30:16	5.126e+02	3.278e+02	1.56	y	n	0.859
70	3	PCB-98/102	30:25	2.122e+03	1.355e+03	1.57	y	n	0.878
71	3	PCB-88/91	30:55	6.415e+03	4.143e+03	1.55	y	n	0.867
72	3	PCB-84	31:10	1.161e+04	7.440e+03	1.56	y	n	0.783
73	3	PCB-89	31:37	9.692e+02	6.581e+02	1.47	y	n	0.818
74	4	PCB-121	NotFnd	*	*	*	n	n	1.013
75	4	PCB-92	32:23	1.095e+04	7.056e+03	1.55	y	n	0.708
76	4	PCB-90/101/113	32:58	9.148e+04	5.873e+04	1.56	y	n	0.826
77	4	PCB-83/99	33:33	2.804e+04	1.787e+04	1.57	y	n	0.685
78	4	PCB-112	NotFnd	*	*	*	n	n	0.977
79	4	PCB-86/87/97/109/119/125	34:10	5.077e+04	3.213e+04	1.58	y	y	0.797
80	4	PCB-117	34:42	1.944e+03	1.378e+03	1.41	y	y	0.838
81	4	PCB-85/116	34:47	1.210e+04	7.733e+03	1.56	y	y	0.863
82	4	PCB-110/115	34:57	1.007e+05	6.466e+04	1.56	y	n	0.915
83	4	PCB-82	35:16	6.659e+03	4.181e+03	1.59	y	n	0.601
84	4	PCB-111	NotFnd	*	*	*	n	n	0.885
85	4	PCB-120	36:06	6.224e+02	3.385e+02	1.84	n	n	0.963
86	5	PCB-108/124	37:14	4.682e+03	3.023e+03	1.55	y	n	0.866
87	5	PCB-107	37:28	8.742e+03	5.563e+03	1.57	y	n	0.968
88	5	PCB-123	37:35	2.279e+03	1.461e+03	1.56	y	n	1.076
89	5	PCB-106	NotFnd	*	*	*	n	n	0.940
90	5	PCB-118	37:54	9.911e+04	6.272e+04	1.58	y	y	1.103
91	5	PCB-122	38:16	1.754e+03	1.037e+03	1.69	y	n	0.810
92	5	PCB-114	38:26	3.637e+03	2.629e+03	1.38	y	n	1.079
93	5	PCB-105	39:06	5.764e+04	3.664e+04	1.57	y	n	1.059
94	5	PCB-127	NotFnd	*	*	*	n	n	0.830
95	5	PCB-126	42:10	2.194e+03	1.290e+03	1.70	y	n	1.041
96	4	PCB-155	NotFnd	*	*	*	n	n	0.977
97	4	PCB-152	32:57	7.557e+01	1.199e+02	0.63	n	n	1.853
98	4	PCB-150	33:06	5.070e+02	3.936e+02	1.29	y	n	1.682
99	4	PCB-136	33:32	2.722e+04	2.164e+04	1.26	y	n	1.766
100	4	PCB-145	NotFnd	*	*	*	n	n	1.604
101	4	PCB-148	35:15	1.271e+02	9.614e+01	1.32	y	n	1.276
102	4	PCB-135/151	35:52	6.946e+04	5.630e+04	1.23	y	n	1.179
103	4	PCB-154	36:06	1.668e+03	1.398e+03	1.19	y	n	1.407
104	4	PCB-144	36:25	1.081e+04	8.740e+03	1.24	y	n	1.260
105	5	PCB-147/149	36:47	1.697e+05	1.346e+05	1.26	y	n	0.991
106	5	PCB-134	36:59	6.781e+03	5.291e+03	1.28	y	n	0.813
107	5	PCB-143	NotFnd	*	*	*	n	n	0.960

108	5	PCB-139/140	37:22	1.205e+03	9.745e+02	1.24	y	n	0.965
109	5	PCB-131	37:35	1.201e+03	8.666e+02	1.39	y	n	0.872
110	5	PCB-142	NotFnd	*	*	*	n	n	0.854
111	5	PCB-132	38:03	4.781e+04	3.851e+04	1.24	y	n	0.790
112	5	PCB-133	38:30	2.257e+03	1.844e+03	1.22	y	n	0.855
113	5	PCB-165	NotFnd	*	*	*	n	n	1.061
114	5	PCB-146	39:09	3.346e+04	2.665e+04	1.26	y	n	1.065
115	5	PCB-161	NotFnd	*	*	*	n	n	1.190
116	5	PCB-153/168	39:45	2.560e+05	2.050e+05	1.25	y	n	1.103
117	5	PCB-141	39:59	5.208e+04	4.190e+04	1.24	y	n	0.907
118	5	PCB-130	40:24	7.474e+03	6.081e+03	1.23	y	n	0.768
119	5	PCB-137	40:36	2.767e+03	1.900e+03	1.46	n	n	0.803
120	5	PCB-164	40:43	1.851e+04	1.513e+04	1.22	y	n	1.158
121	5	PCB-129/138/163	41:01	2.310e+05	1.832e+05	1.26	y	n	0.876
122	5	PCB-160	NotFnd	*	*	*	n	n	1.150
123	5	PCB-158	41:24	2.772e+04	2.202e+04	1.26	y	n	1.220
124	5	PCB-128/166	42:17	2.237e+04	1.768e+04	1.27	y	n	1.005
125	6	PCB-159	43:13	4.871e+03	3.850e+03	1.27	y	n	0.869
126	6	PCB-162	43:31	1.095e+03	7.925e+02	1.38	y	y	0.831
127	6	PCB-167	44:01	9.086e+03	7.339e+03	1.24	y	n	1.030
128	6	PCB-156/157	45:08	2.035e+04	1.589e+04	1.28	y	n	1.064
129	6	PCB-169	48:21	5.990e+02	4.395e+02	1.36	y	y	1.036
130	5	PCB-188	NotFnd	*	*	*	n	n	0.950
131	5	PCB-179	38:46	4.454e+04	4.238e+04	1.05	y	n	1.316
132	5	PCB-184	NotFnd	*	*	*	n	n	1.279
133	5	PCB-176	39:39	1.366e+04	1.320e+04	1.03	y	n	1.292
134	5	PCB-186	NotFnd	*	*	*	n	n	1.168
135	5	PCB-178	41:27	1.725e+04	1.653e+04	1.04	y	n	0.835
136	5	PCB-175	42:05	4.181e+03	3.921e+03	1.07	y	n	0.875
137	5	PCB-187	42:21	1.205e+05	1.155e+05	1.04	y	n	1.073
138	5	PCB-182	42:31	6.252e+02	5.364e+02	1.17	y	n	0.901
139	6	PCB-183	42:58	4.653e+04	4.406e+04	1.06	y	y	0.617
140	6	PCB-185	43:02	7.267e+03	6.821e+03	1.07	y	y	0.496
141	6	PCB-174	43:13	7.579e+04	7.167e+04	1.06	y	n	0.556
142	6	PCB-177	43:39	4.249e+04	4.095e+04	1.04	y	n	0.517
143	6	PCB-181	NotFnd	*	*	*	n	n	0.507
144	6	PCB-171/173	44:16	2.063e+04	1.941e+04	1.06	y	n	0.483
145	6	PCB-172	45:52	1.317e+04	1.250e+04	1.05	y	n	0.433
146	6	PCB-192	NotFnd	*	*	*	n	n	0.519
147	6	PCB-180/193	46:31	2.092e+05	1.996e+05	1.05	y	n	0.522
148	6	PCB-191	46:53	4.518e+03	4.294e+03	1.05	y	n	0.544
149	6	PCB-170	47:47	6.887e+04	6.611e+04	1.04	y	n	0.373
150	6	PCB-190	48:17	2.105e+04	2.005e+04	1.05	y	n	0.526
151	6	PCB-189	50:51	3.324e+03	3.212e+03	1.03	y	n	0.912
152	6	PCB-202	43:46	6.336e+03	6.993e+03	0.91	y	n	0.869
153	6	PCB-201	44:41	5.363e+03	5.839e+03	0.92	y	n	1.034
154	6	PCB-204	NotFnd	*	*	*	n	n	0.989
155	6	PCB-197	45:34	1.524e+03	1.686e+03	0.90	y	n	0.969
156	6	PCB-200	45:41	5.330e+03	5.984e+03	0.89	y	n	1.020
157	6	PCB-198/199	48:28	3.613e+04	4.045e+04	0.89	y	n	0.558
158	6	PCB-196	49:06	1.843e+04	2.036e+04	0.90	y	n	0.588
159	6	PCB-203	49:18	2.344e+04	2.606e+04	0.90	y	n	0.582
160	6	PCB-195	50:37	1.418e+04	1.576e+04	0.90	y	n	0.519
161	6	PCB-194	52:56	3.781e+04	4.206e+04	0.90	y	n	0.498
162	6	PCB-205	53:24	2.560e+03	2.812e+03	0.91	y	n	0.933
163	6	PCB-208	50:22	1.532e+03	2.079e+03	0.74	y	n	0.915
164	6	PCB-207	51:17	1.305e+03	1.645e+03	0.79	y	n	1.135

165	7	PCB-206	55:07	7.912e+03	9.973e+03	0.79	y	n	0.937
166	7	PCB-209	56:42	3.351e+03	2.913e+03	1.15	y	n	0.925
167	1	PCB-1L	12:58	1.647e+04	5.175e+03	3.18	y	n	1.128
168	1	PCB-3L	15:11	1.737e+04	5.408e+03	3.21	y	n	1.156
169	1	PCB-4L	15:27	9.054e+03	5.869e+03	1.54	y	n	0.899
170	2	PCB-15L	21:21	1.412e+04	8.549e+03	1.65	y	n	1.021
171	2	PCB-19L	18:41	5.093e+03	4.753e+03	1.07	y	n	0.611
172	3	PCB-37L	28:19	1.612e+04	1.546e+04	1.04	y	n	1.316
173	2	PCB-54L	21:40	7.146e+03	8.869e+03	0.81	y	n	1.272
174	4	PCB-81L	35:02	1.341e+04	1.663e+04	0.81	y	n	1.074
175	4	PCB-77L	35:41	1.388e+04	1.726e+04	0.80	y	n	1.070
176	3	PCB-104L	27:05	1.357e+04	8.555e+03	1.59	y	n	1.491
177	5	PCB-123L	37:34	1.806e+04	1.156e+04	1.56	y	n	1.178
178	5	PCB-118L	37:53	1.879e+04	1.155e+04	1.63	y	n	1.211
179	5	PCB-114L	38:24	1.847e+04	1.159e+04	1.59	y	n	1.190
180	5	PCB-105L	39:05	1.887e+04	1.187e+04	1.59	y	n	1.161
181	5	PCB-126L	42:09	2.002e+04	1.259e+04	1.59	y	n	1.062
182	4	PCB-155L	32:41	1.582e+04	1.263e+04	1.25	y	n	1.696
183	6	PCB-167L	43:58	1.399e+04	1.093e+04	1.28	y	n	1.013
184	6	PCB-156/157L	45:08	2.785e+04	2.154e+04	1.29	y	n	0.927
185	6	PCB-169L	48:21	1.353e+04	1.064e+04	1.27	y	n	0.832
186	5	PCB-188L	38:23	1.501e+04	1.460e+04	1.03	y	n	2.694
187	6	PCB-189L	50:50	1.173e+04	1.126e+04	1.04	y	n	1.445
188	6	PCB-202L	43:45	1.015e+04	1.142e+04	0.89	y	n	1.816
189	6	PCB-205L	53:23	1.106e+04	1.242e+04	0.89	y	n	1.291
190	6	PCB-208L	50:20	9.576e+03	1.197e+04	0.80	y	n	1.441
191	7	PCB-206L	55:06	7.488e+03	9.517e+03	0.79	y	n	1.100
192	7	PCB-209L	56:41	1.068e+04	9.060e+03	1.18	y	n	1.506
193	3	PCB-28L	24:20	1.510e+04	1.407e+04	1.07	y	n	1.501
194	4	PCB-111L	35:39	1.557e+04	1.002e+04	1.55	y	n	1.209
195	5	PCB-178L	41:26	1.045e+04	9.857e+03	1.06	y	n	1.281
196	2	PCB-9L	17:46	1.819e+04	1.107e+04	1.64	y	n	-
197	3	PCB-52L	26:09	1.216e+04	1.495e+04	0.81	y	n	-
198	4	PCB-101L	32:57	1.954e+04	1.221e+04	1.60	y	n	-
199	5	PCB-138L	40:59	2.252e+04	1.770e+04	1.27	y	n	-
200	6	PCB-194L	52:55	1.224e+04	1.324e+04	0.92	y	n	-

-- Sample Calculation--

$$\text{PCB-209} = \frac{(3.351e+03 + 2.913e+03) \times (100.0 \times 100.0) \text{ pg} \times 1}{(1.068e+04 + 9.060e+03) \times (5.345 \text{ g}) \times (100 - \text{---}) / 100 \times 0.9245} = 642 \text{ ng/kg}$$

1/19/11
JD

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sp166respa
 02/2009

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio SummaryCLIENT ID.
USEN-E/W-06-2

Run #11 Filename U224772#1 Samp: 1 Inj: 1 Acquired: 17-JAN-11 11:14:36

Processed: 18-JAN-11 12:47:04 LAB. ID: K1013433-017

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	2.00e+06	1.94e+03	1.0e+03	6.32e+05	2.44e+03	2.6e+02
2	PCB-2	8.51e+05	1.94e+03	4.4e+02	2.75e+05	2.44e+03	1.1e+02
3	PCB-3	1.24e+06	1.94e+03	6.4e+02	3.76e+05	2.44e+03	1.5e+02
4	PCB-4	6.38e+05	3.15e+03	2.0e+02	4.32e+05	3.93e+04	1.1e+01
5	PCB-10	*	3.15e+03	*	*	3.93e+04	*
6	PCB-9	1.65e+06	3.99e+03	4.1e+02	1.13e+06	3.36e+04	3.4e+01
7	PCB-7	4.13e+05	3.99e+03	1.0e+02	3.25e+05	3.36e+04	9.7e+00
8	PCB-6	3.24e+06	3.99e+03	8.1e+02	2.10e+06	3.36e+04	6.3e+01
9	PCB-5	3.94e+05	3.99e+03	9.9e+01	2.31e+05	3.36e+04	6.9e+00
10	PCB-8	8.82e+06	3.99e+03	2.2e+03	5.65e+06	3.36e+04	1.7e+02
11	PCB-14	*	3.99e+03	*	*	3.36e+04	*
12	PCB-11	3.68e+06	3.99e+03	9.2e+02	2.34e+06	3.36e+04	7.0e+01
13	PCB-12/13	2.18e+06	3.99e+03	5.5e+02	1.43e+06	3.36e+04	4.3e+01
14	PCB-15	6.03e+06	3.99e+03	1.5e+03	3.78e+06	3.36e+04	1.1e+02
15	PCB-19	3.29e+05	3.50e+03	9.4e+01	3.18e+05	1.92e+03	1.7e+02
16	PCB-18/30	5.27e+06	3.50e+03	1.5e+03	5.03e+06	1.92e+03	2.6e+03
17	PCB-17	1.82e+06	3.50e+03	5.2e+02	1.72e+06	1.92e+03	9.0e+02
18	PCB-27	4.19e+05	3.50e+03	1.2e+02	3.88e+05	1.92e+03	2.0e+02
19	PCB-24	1.19e+05	3.50e+03	3.4e+01	1.19e+05	1.92e+03	6.2e+01
20	PCB-16	1.74e+06	3.50e+03	5.0e+02	1.64e+06	1.92e+03	8.6e+02
21	PCB-32	2.04e+06	3.50e+03	5.8e+02	1.96e+06	1.92e+03	1.0e+03
22	PCB-34	5.47e+04	2.36e+03	2.3e+01	5.51e+04	3.23e+03	1.7e+01
23	PCB-23	3.70e+04	2.36e+03	1.6e+01	4.27e+04	3.23e+03	1.3e+01
24	PCB-26/29	3.06e+06	2.36e+03	1.3e+03	2.84e+06	3.23e+03	8.8e+02
25	PCB-25	1.12e+06	2.36e+03	4.7e+02	1.05e+06	3.23e+03	3.3e+02
26	PCB-31	1.65e+07	2.36e+03	7.0e+03	1.58e+07	3.23e+03	4.9e+03
27	PCB-20/28	1.50e+07	2.36e+03	6.4e+03	1.45e+07	3.23e+03	4.5e+03
28	PCB-21/33	8.55e+06	2.36e+03	3.6e+03	8.20e+06	3.23e+03	2.5e+03
29	PCB-22	6.48e+06	2.36e+03	2.7e+03	6.22e+06	3.23e+03	1.9e+03
30	PCB-36	4.64e+04	2.36e+03	2.0e+01	3.98e+04	3.23e+03	1.2e+01
31	PCB-39	*	2.36e+03	*	*	3.23e+03	*
32	PCB-38	*	2.36e+03	*	*	3.23e+03	*
33	PCB-35	7.46e+05	2.36e+03	3.2e+02	6.94e+05	3.23e+03	2.1e+02
34	PCB-37	6.95e+06	2.36e+03	3.0e+03	6.51e+06	3.23e+03	2.0e+03
35	PCB-54	1.19e+04	2.15e+03	5.6e+00	1.47e+04	1.97e+03	7.5e+00
36	PCB-50/53	8.50e+05	1.52e+03	5.6e+02	1.08e+06	1.39e+03	7.8e+02
37	PCB-45/51	8.17e+05	1.52e+03	5.4e+02	1.04e+06	1.39e+03	7.5e+02
38	PCB-46	3.56e+05	1.52e+03	2.4e+02	4.15e+05	1.39e+03	3.0e+02
39	PCB-52	7.64e+06	1.52e+03	5.0e+03	9.73e+06	1.39e+03	7.0e+03
40	PCB-43/73	2.46e+05	1.52e+03	1.6e+02	3.05e+05	1.39e+03	2.2e+02
41	PCB-49/69	4.37e+06	1.52e+03	2.9e+03	5.60e+06	1.39e+03	4.0e+03
42	PCB-48	1.57e+06	1.52e+03	1.0e+03	2.02e+06	1.39e+03	1.5e+03
43	PCB-44/47/65	6.92e+06	1.52e+03	4.6e+03	8.86e+06	1.39e+03	6.4e+03
44	PCB-59/62/75	8.53e+05	1.52e+03	5.6e+02	1.07e+06	1.39e+03	7.7e+02
45	PCB-42	1.85e+06	1.52e+03	1.2e+03	2.34e+06	1.39e+03	1.7e+03
46	PCB-40/41/71	3.72e+06	1.52e+03	2.5e+03	4.82e+06	1.39e+03	3.5e+03
47	PCB-64	4.83e+06	1.52e+03	3.2e+03	6.22e+06	1.39e+03	4.5e+03

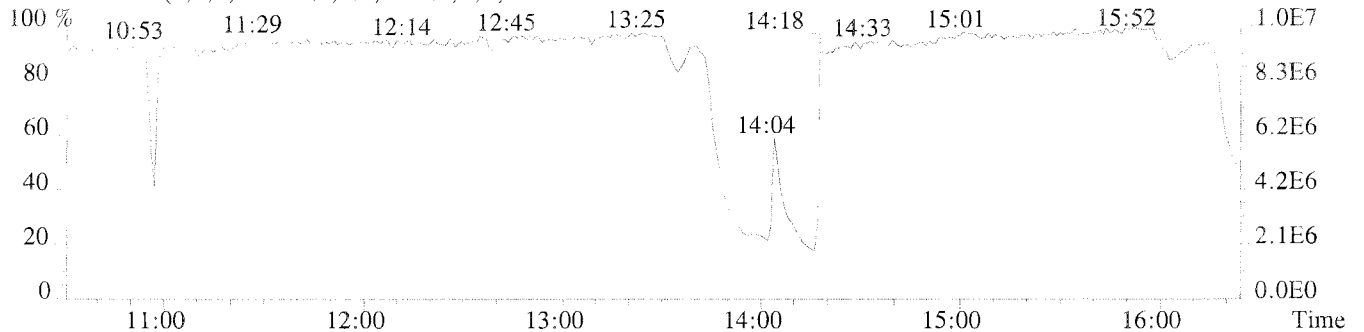
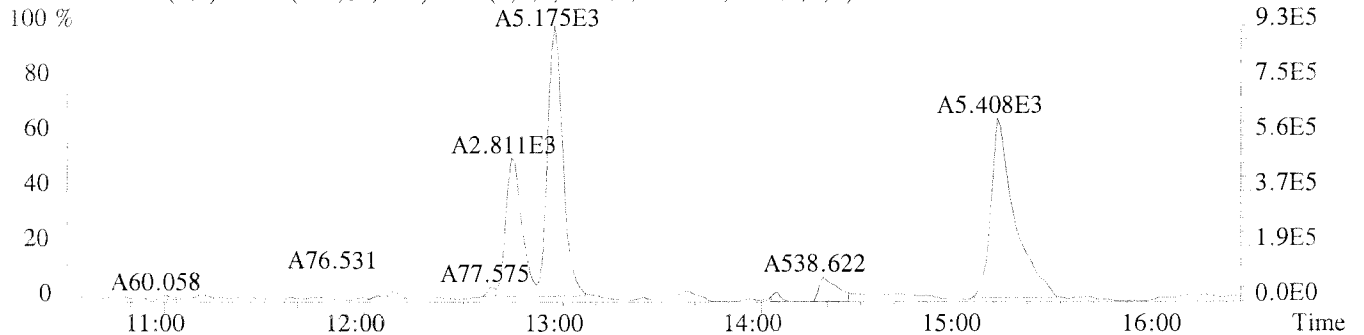
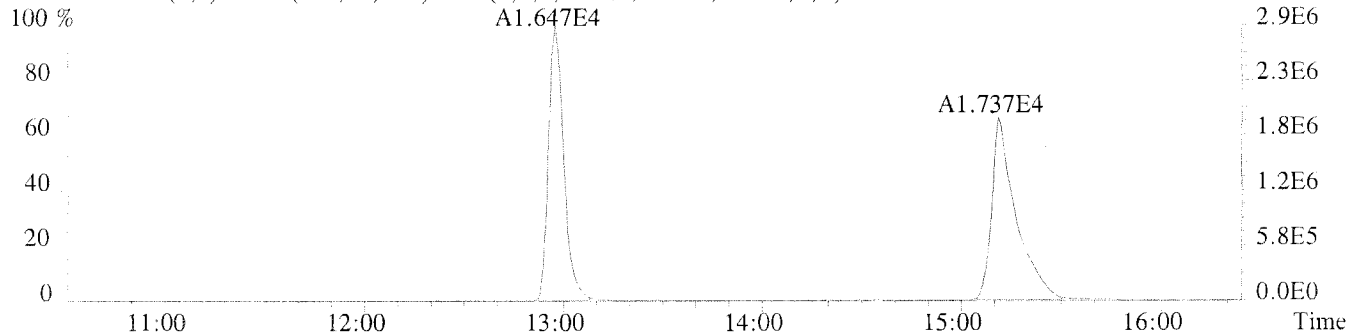
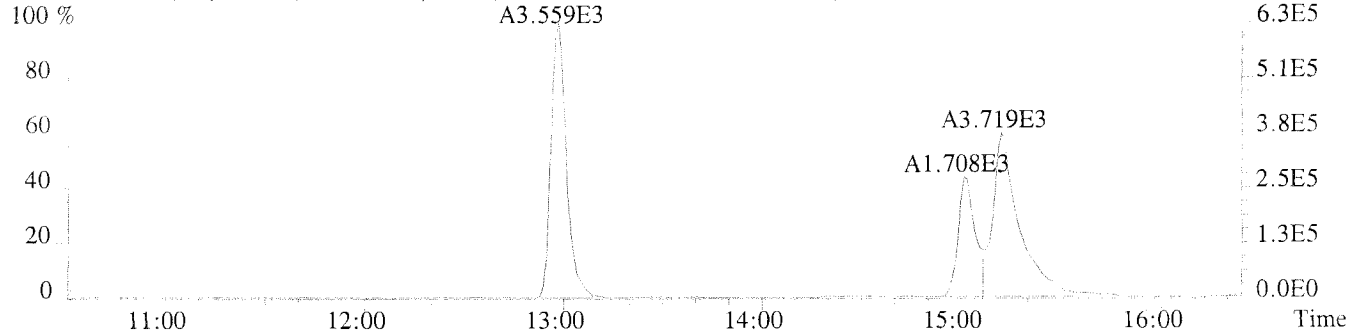
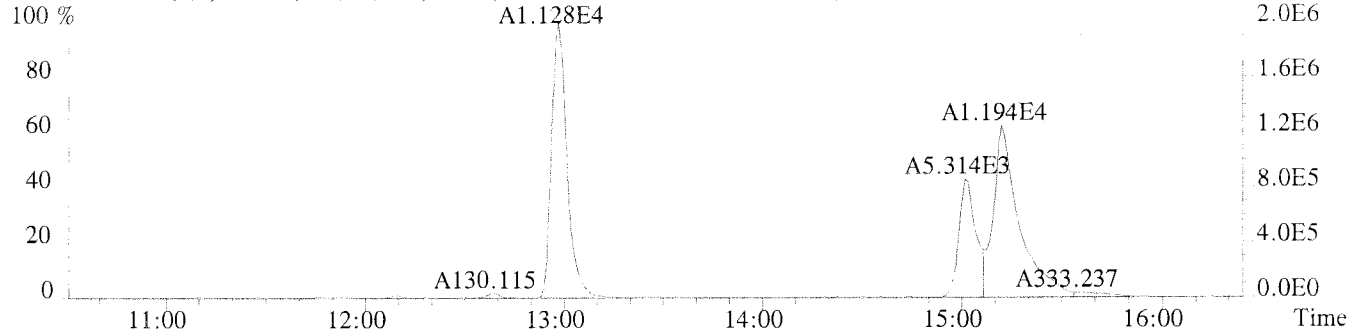
48	PCB-72	7.92e+04	1.52e+03	5.2e+01	1.22e+05	1.39e+03	8.8e+01
49	PCB-68	*	1.52e+03	*	*	1.39e+03	*
50	PCB-57	4.93e+04	1.52e+03	3.3e+01	5.74e+04	1.39e+03	4.1e+01
51	PCB-58	*	1.52e+03	*	*	1.39e+03	*
52	PCB-67	3.59e+05	1.52e+03	2.4e+02	4.61e+05	1.39e+03	3.3e+02
53	PCB-63	4.83e+05	1.52e+03	3.2e+02	6.04e+05	1.39e+03	4.4e+02
54	PCB-61/70/74/76	1.48e+07	1.52e+03	9.8e+03	1.90e+07	1.39e+03	1.4e+04
55	PCB-66	1.12e+07	1.52e+03	7.4e+03	1.44e+07	1.39e+03	1.0e+04
56	PCB-55	2.50e+05	1.52e+03	1.7e+02	3.27e+05	1.39e+03	2.4e+02
57	PCB-56	7.19e+06	1.70e+04	4.2e+02	9.04e+06	2.16e+04	4.2e+02
58	PCB-60	4.47e+06	1.70e+04	2.6e+02	5.67e+06	2.16e+04	2.6e+02
59	PCB-80	*	1.70e+04	*	*	2.16e+04	*
60	PCB-79	1.90e+05	1.70e+04	1.1e+01	2.42e+05	2.16e+04	1.1e+01
61	PCB-78	*	1.70e+04	*	*	2.16e+04	*
62	PCB-81	9.99e+04	1.70e+04	5.9e+00	1.29e+05	2.16e+04	6.0e+00
63	PCB-77	2.23e+06	1.70e+04	1.3e+02	2.87e+06	2.16e+04	1.3e+02
64	PCB-104	*	1.35e+03	*	*	1.44e+03	*
65	PCB-96	1.32e+05	1.35e+03	9.8e+01	8.75e+04	1.44e+03	6.1e+01
66	PCB-103	8.47e+04	1.35e+03	6.3e+01	5.87e+04	1.44e+03	4.1e+01
67	PCB-94	5.36e+04	1.35e+03	4.0e+01	3.71e+04	1.44e+03	2.6e+01
68	PCB-95	9.24e+06	1.35e+03	6.9e+03	5.94e+06	1.44e+03	4.1e+03
69	PCB-93/100	8.96e+04	1.35e+03	6.6e+01	5.33e+04	1.44e+03	3.7e+01
70	PCB-98/102	3.78e+05	1.35e+03	2.8e+02	2.30e+05	1.44e+03	1.6e+02
71	PCB-88/91	1.22e+06	1.35e+03	9.0e+02	7.83e+05	1.44e+03	5.5e+02
72	PCB-84	2.20e+06	1.35e+03	1.6e+03	1.38e+06	1.44e+03	9.6e+02
73	PCB-89	1.74e+05	1.35e+03	1.3e+02	1.28e+05	1.44e+03	8.9e+01
74	PCB-121	*	2.71e+03	*	*	2.24e+03	*
75	PCB-92	2.03e+06	2.71e+03	7.5e+02	1.30e+06	2.24e+03	5.8e+02
76	PCB-90/101/113	1.66e+07	2.71e+03	6.1e+03	1.06e+07	2.24e+03	4.7e+03
77	PCB-83/99	4.64e+06	2.71e+03	1.7e+03	2.95e+06	2.24e+03	1.3e+03
78	PCB-112	*	2.71e+03	*	*	2.24e+03	*
79	CB-86/87/97/109/119/125	5.32e+06	2.71e+03	2.0e+03	3.35e+06	2.24e+03	1.5e+03
80	PCB-117	3.94e+05	2.71e+03	1.5e+02	3.52e+05	2.24e+03	1.6e+02
81	PCB-85/116	2.37e+06	2.71e+03	8.7e+02	1.52e+06	2.24e+03	6.8e+02
82	PCB-110/115	1.76e+07	2.71e+03	6.5e+03	1.13e+07	2.24e+03	5.0e+03
83	PCB-82	1.11e+06	2.71e+03	4.1e+02	7.04e+05	2.24e+03	3.1e+02
84	PCB-111	*	2.71e+03	*	*	2.24e+03	*
85	PCB-120	1.29e+05	2.71e+03	4.8e+01	7.86e+04	2.24e+03	3.5e+01
86	PCB-108/124	8.89e+05	3.08e+04	2.9e+01	5.56e+05	2.94e+04	1.9e+01
87	PCB-107	1.54e+06	3.08e+04	5.0e+01	9.67e+05	2.94e+04	3.3e+01
88	PCB-123	4.47e+05	3.08e+04	1.4e+01	2.94e+05	2.94e+04	1.0e+01
89	PCB-106	*	3.08e+04	*	*	2.94e+04	*
90	PCB-118	1.77e+07	3.08e+04	5.8e+02	1.12e+07	2.94e+04	3.8e+02
91	PCB-122	3.04e+05	3.08e+04	9.9e+00	1.81e+05	2.94e+04	6.2e+00
92	PCB-114	5.85e+05	3.08e+04	1.9e+01	3.87e+05	2.94e+04	1.3e+01
93	PCB-105	9.81e+06	3.08e+04	3.2e+02	6.22e+06	2.94e+04	2.1e+02
94	PCB-127	*	3.08e+04	*	*	2.94e+04	*
95	PCB-126	3.85e+05	3.08e+04	1.2e+01	2.26e+05	2.94e+04	7.7e+00
96	PCB-155	*	9.92e+02	*	*	1.33e+03	*
97	PCB-152	1.91e+04	9.92e+02	1.9e+01	2.55e+04	1.33e+03	1.9e+01
98	PCB-150	9.51e+04	9.92e+02	9.6e+01	7.45e+04	1.33e+03	5.6e+01
99	PCB-136	5.15e+06	9.92e+02	5.2e+03	4.06e+06	1.33e+03	3.0e+03
100	PCB-145	*	9.92e+02	*	*	1.33e+03	*
101	PCB-148	2.82e+04	9.92e+02	2.8e+01	1.96e+04	1.33e+03	1.5e+01
102	PCB-135/151	1.02e+07	9.92e+02	1.0e+04	8.22e+06	1.33e+03	6.2e+03
103	PCB-154	3.29e+05	9.92e+02	3.3e+02	2.67e+05	1.33e+03	2.0e+02
104	PCB-144	1.97e+06	9.92e+02	2.0e+03	1.60e+06	1.33e+03	1.2e+03

Run #11

Filename U224772#1 Samp: 1

Acquired: 17-JAN-11 11:14:36

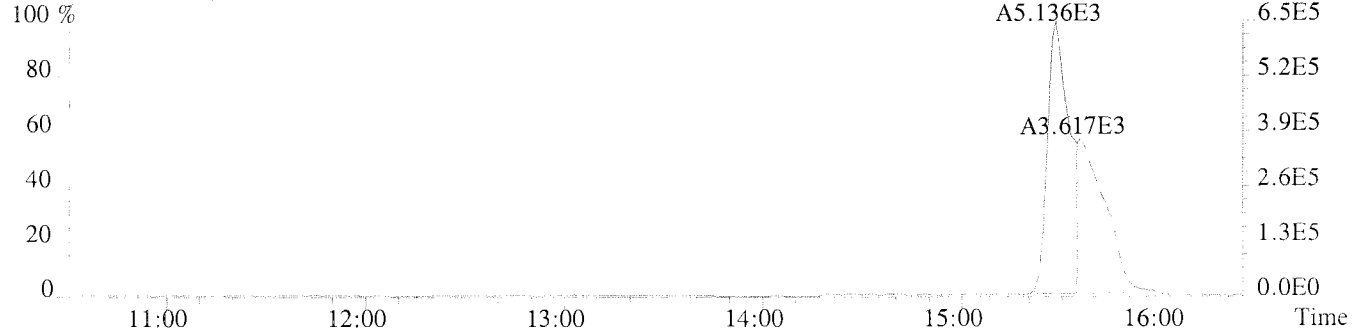
163	PCB-208	3.30e+05	8.60e+02	3.8e+02	4.48e+05	7.88e+02	5.7e+02
164	PCB-207	2.82e+05	8.60e+02	3.3e+02	3.49e+05	7.88e+02	4.4e+02
165	PCB-206	1.51e+06	9.60e+02	1.6e+03	1.93e+06	1.37e+03	1.4e+03
166	PCB-209	6.49e+05	1.02e+03	6.4e+02	5.58e+05	9.88e+02	5.6e+02
167	PCB-11L	2.92e+06	2.15e+03	1.4e+03	9.15e+05	1.43e+04	6.4e+01
168	PCB-3L	1.93e+06	2.15e+03	9.0e+02	6.08e+05	1.43e+04	4.3e+01
169	PCB-4L	7.00e+05	3.34e+03	2.1e+02	4.56e+05	2.42e+03	1.9e+02
170	PCB-15L	3.26e+06	4.77e+03	6.8e+02	1.97e+06	3.28e+03	6.0e+02
171	PCB-19L	1.31e+06	5.84e+04	2.2e+01	1.22e+06	7.64e+04	1.6e+01
172	PCB-37L	2.90e+06	1.76e+04	1.6e+02	2.71e+06	1.84e+04	1.5e+02
173	PCB-54L	1.69e+06	4.38e+03	3.8e+02	2.09e+06	2.19e+03	9.6e+02
174	PCB-81L	2.21e+06	2.08e+03	1.1e+03	2.69e+06	1.22e+03	2.2e+03
175	PCB-77L	2.08e+06	2.08e+03	1.0e+03	2.58e+06	1.22e+03	2.1e+03
176	PCB-104L	2.68e+06	1.24e+03	2.2e+03	1.69e+06	1.47e+03	1.2e+03
177	PCB-123L	3.23e+06	7.14e+03	4.5e+02	2.07e+06	2.46e+03	8.4e+02
178	PCB-118L	3.32e+06	7.14e+03	4.7e+02	2.05e+06	2.46e+03	8.3e+02
179	PCB-114L	3.28e+06	7.14e+03	4.6e+02	2.07e+06	2.46e+03	8.4e+02
180	PCB-105L	3.21e+06	7.14e+03	4.5e+02	2.01e+06	2.46e+03	8.2e+02
181	PCB-126L	3.37e+06	7.14e+03	4.7e+02	2.08e+06	2.46e+03	8.4e+02
182	PCB-155L	2.96e+06	1.35e+03	2.2e+03	2.36e+06	1.30e+03	1.8e+03
183	PCB-167L	2.97e+06	1.99e+03	1.5e+03	2.34e+06	2.37e+03	9.9e+02
184	PCB-156/157L	4.28e+06	1.99e+03	2.2e+03	3.29e+06	2.37e+03	1.4e+03
185	PCB-169L	2.64e+06	1.99e+03	1.3e+03	2.10e+06	2.37e+03	8.9e+02
186	PCB-188L	2.74e+06	1.38e+03	2.0e+03	2.67e+06	9.44e+02	2.8e+03
187	PCB-189L	2.34e+06	1.07e+03	2.2e+03	2.26e+06	1.28e+03	1.8e+03
188	PCB-202L	2.18e+06	1.26e+03	1.7e+03	2.46e+06	1.34e+03	1.8e+03
189	PCB-205L	2.32e+06	1.26e+03	1.8e+03	2.60e+06	1.34e+03	1.9e+03
190	PCB-208L	2.00e+06	8.00e+02	2.5e+03	2.53e+06	7.40e+02	3.4e+03
191	PCB-206L	1.45e+06	9.44e+02	1.5e+03	1.85e+06	9.92e+02	1.9e+03
192	PCB-209L	2.02e+06	8.20e+02	2.5e+03	1.73e+06	8.96e+02	1.9e+03
193	PCB-28L	2.99e+06	1.76e+04	1.7e+02	2.76e+06	1.84e+04	1.5e+02
194	PCB-111L	2.50e+06	2.33e+03	1.1e+03	1.60e+06	1.70e+03	9.4e+02
195	PCB-178L	1.90e+06	1.38e+03	1.4e+03	1.81e+06	9.44e+02	1.9e+03
196	PCB-9L	5.91e+06	4.77e+03	1.2e+03	3.60e+06	3.28e+03	1.1e+03
197	PCB-52L	2.44e+06	2.29e+03	1.1e+03	3.00e+06	1.64e+03	1.8e+03
198	PCB-101L	3.53e+06	2.33e+03	1.5e+03	2.21e+06	1.70e+03	1.3e+03
199	PCB-138L	4.10e+06	1.10e+03	3.7e+03	3.22e+06	1.42e+03	2.3e+03
200	PCB-194L	2.61e+06	1.26e+03	2.1e+03	2.80e+06	1.34e+03	2.1e+03



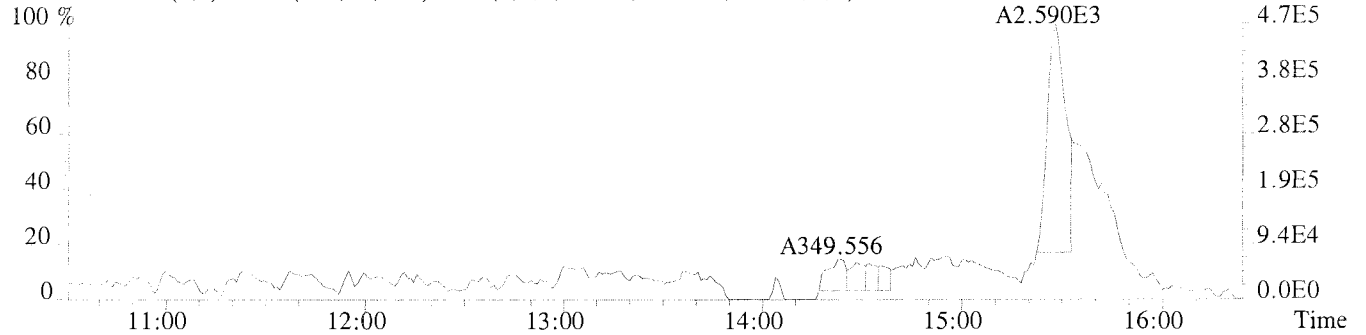
File:U224772 #1-379 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017 USENE/W062

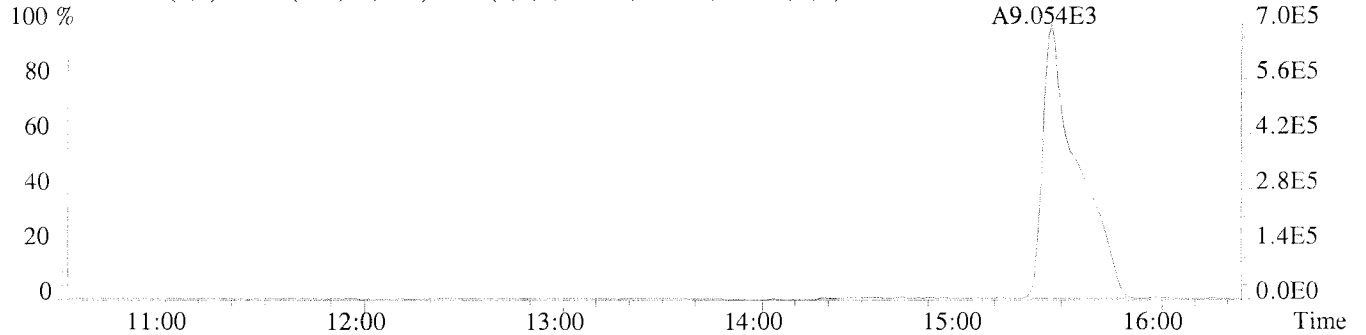
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3148.0,1.00%,F,T)



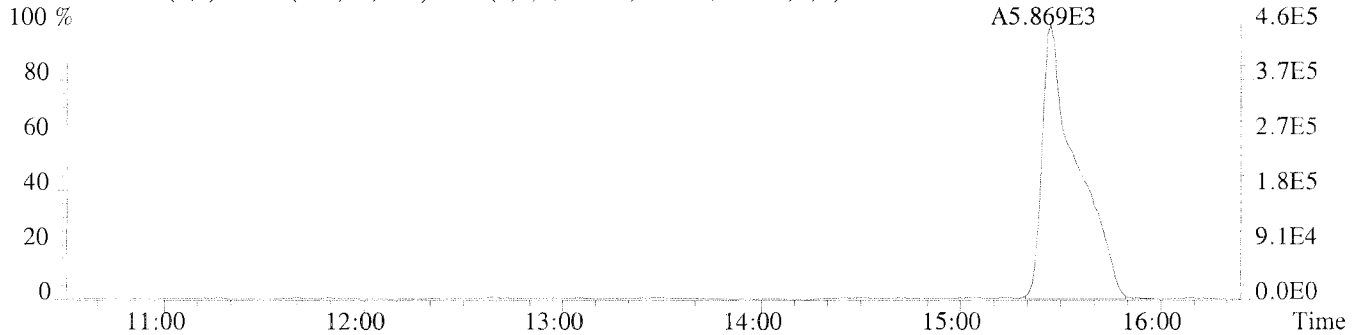
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,39268.0,1.00%,F,T)



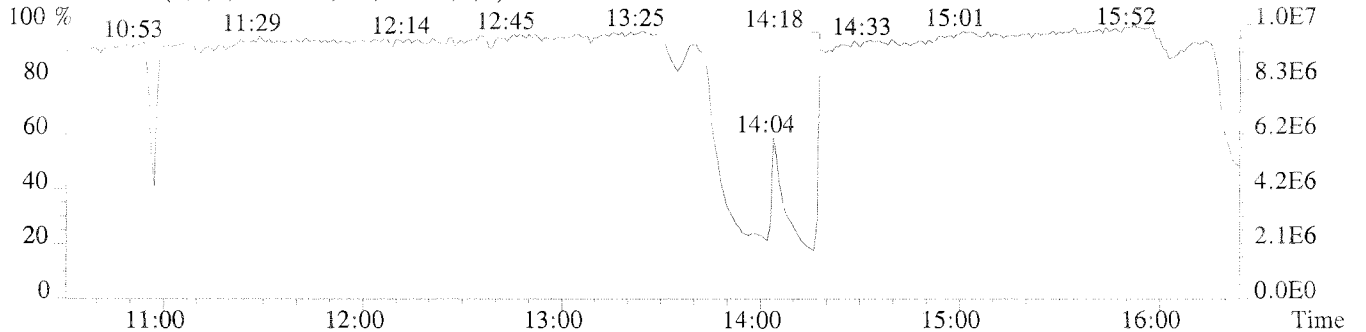
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3344.0,1.00%,F,T)



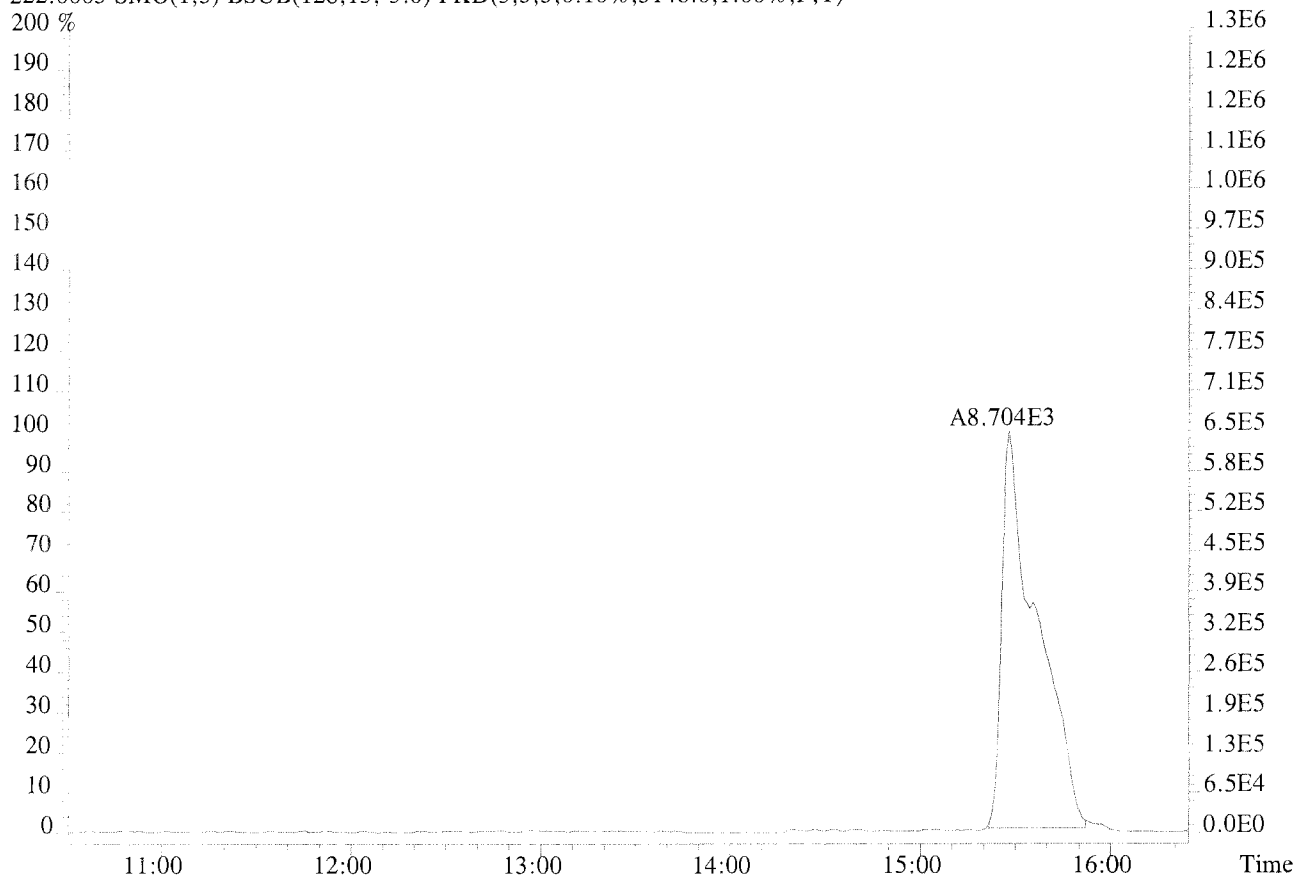
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2424.0,1.00%,F,T)



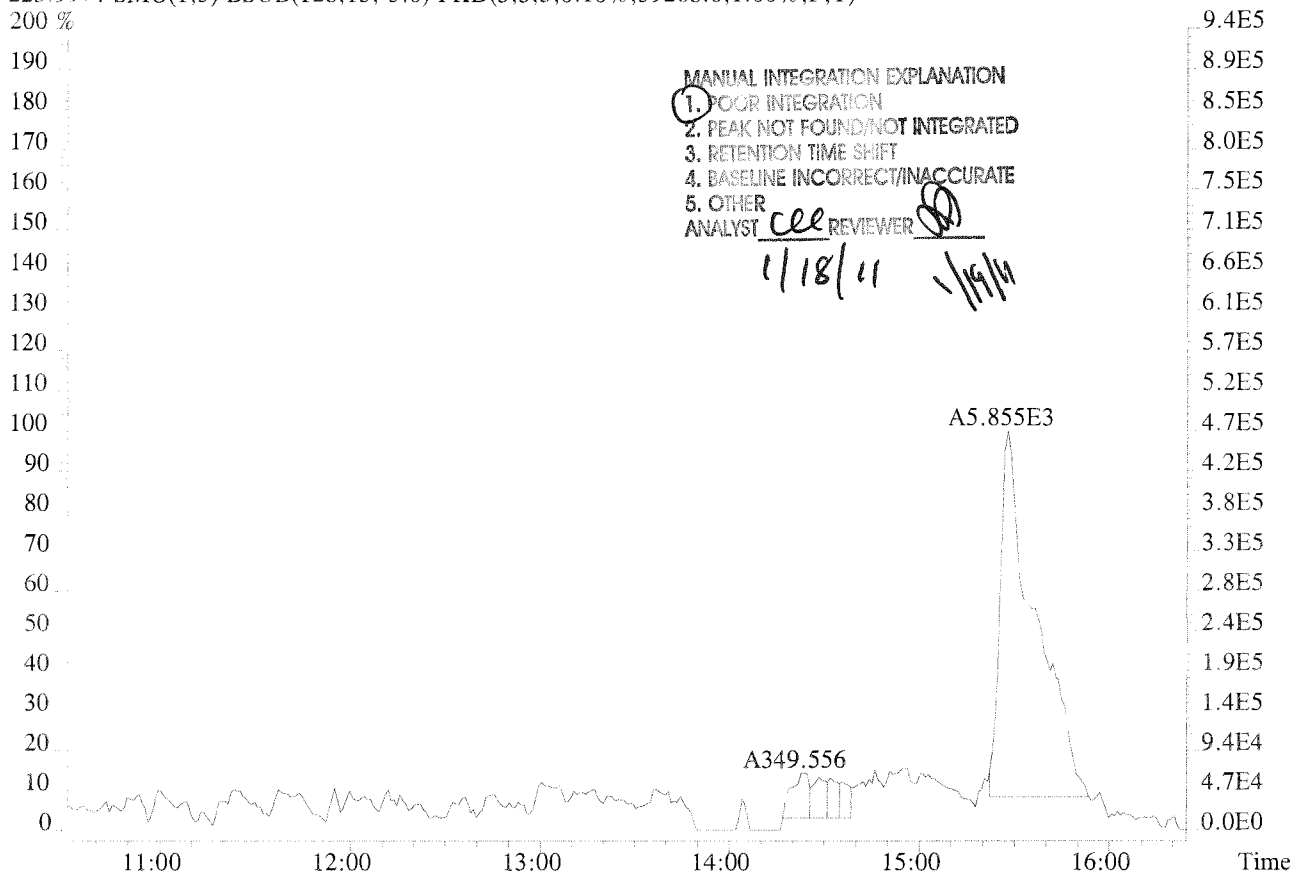
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224772 #1-379 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-017 USENE/W062
 222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3148.0,1.00%,F,T)

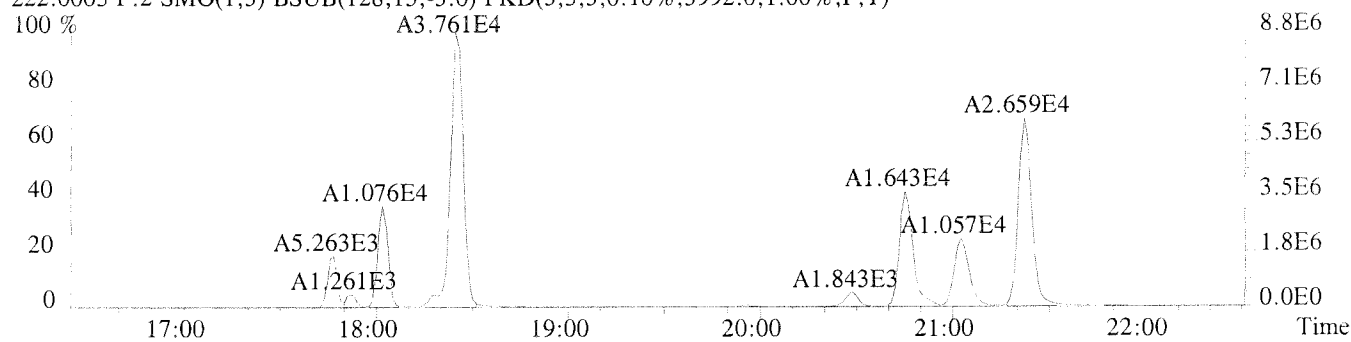


223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,39268.0,1.00%,F,T)

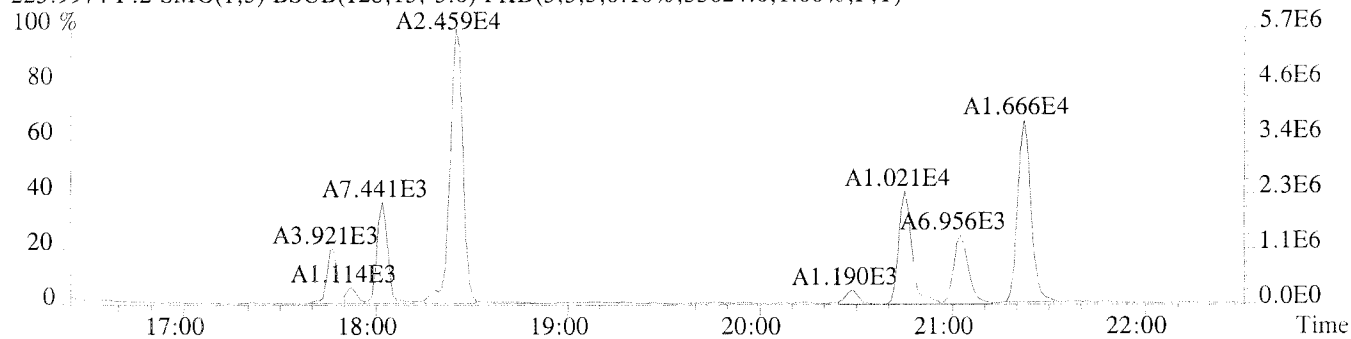


File:U224772 #1-337 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017 USENE/W062

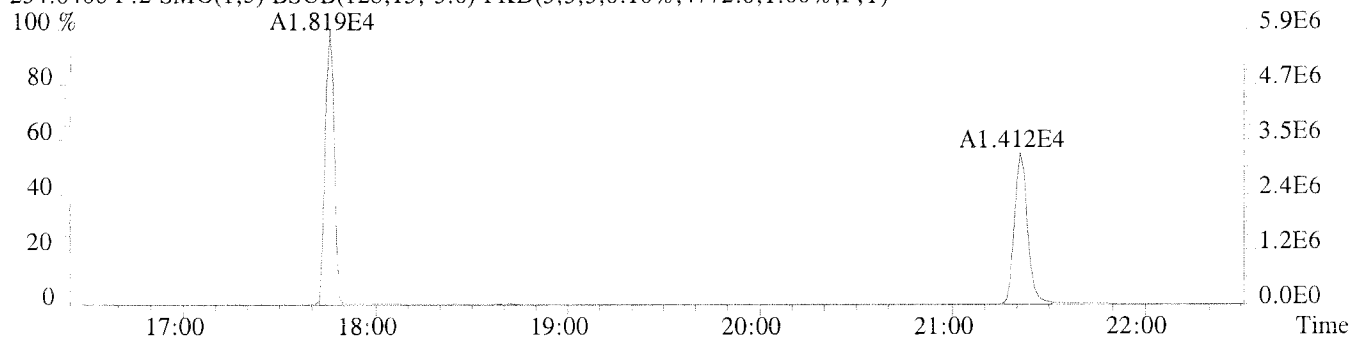
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3992.0,1.00%,F,T)



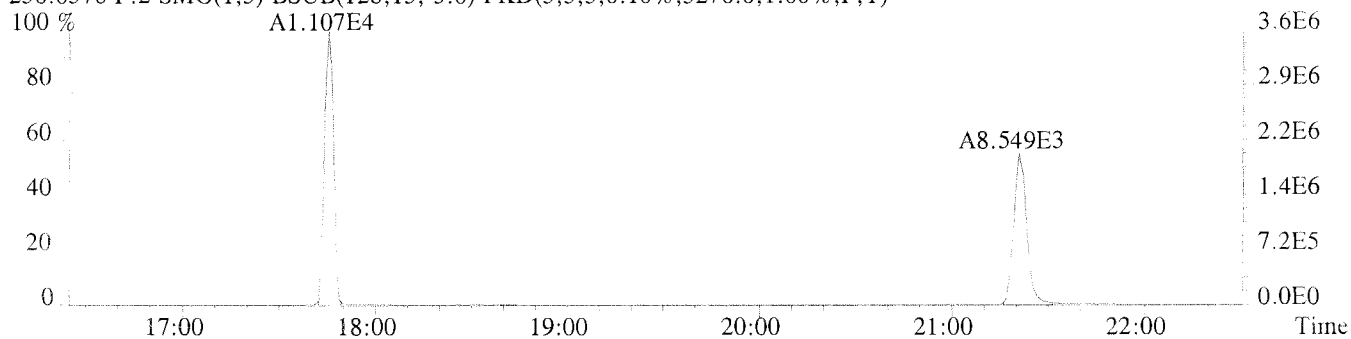
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,33624.0,1.00%,F,T)



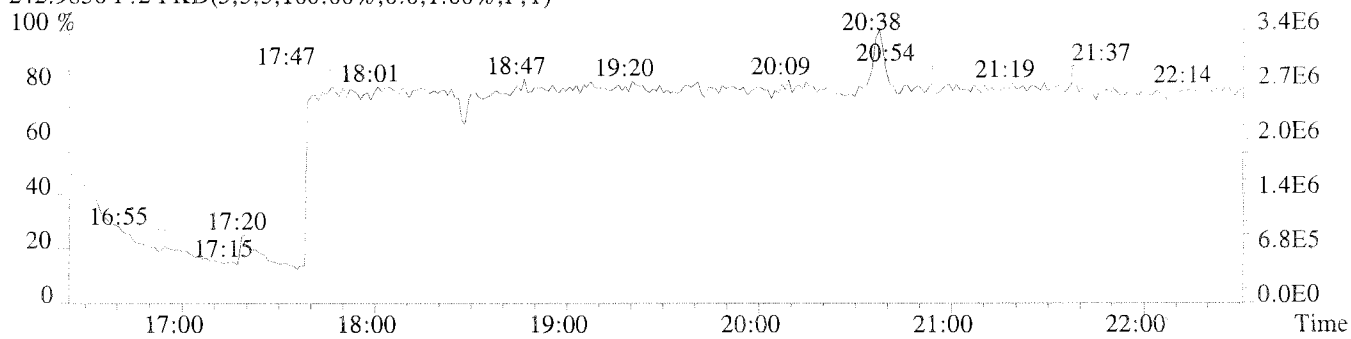
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4772.0,1.00%,F,T)



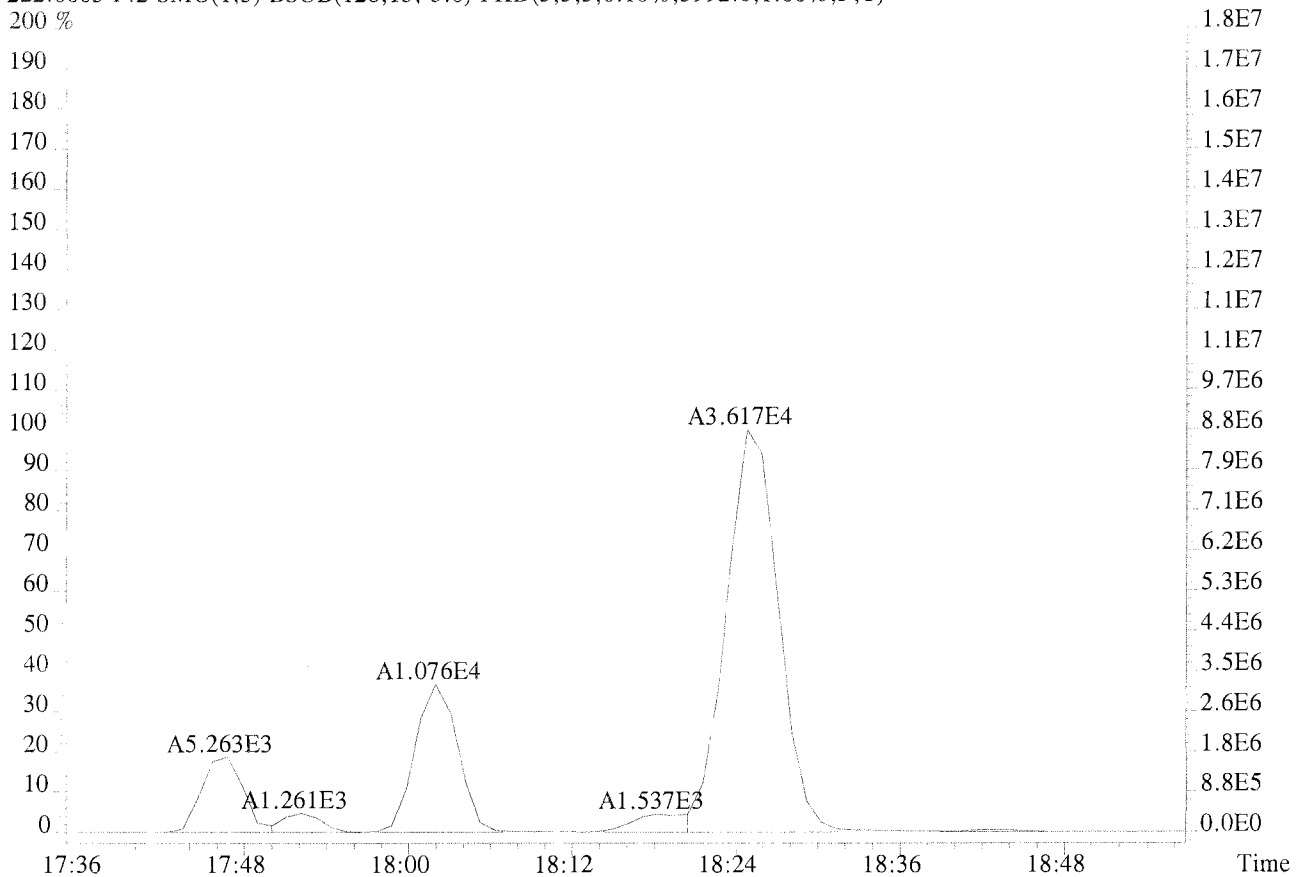
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3276.0,1.00%,F,T)



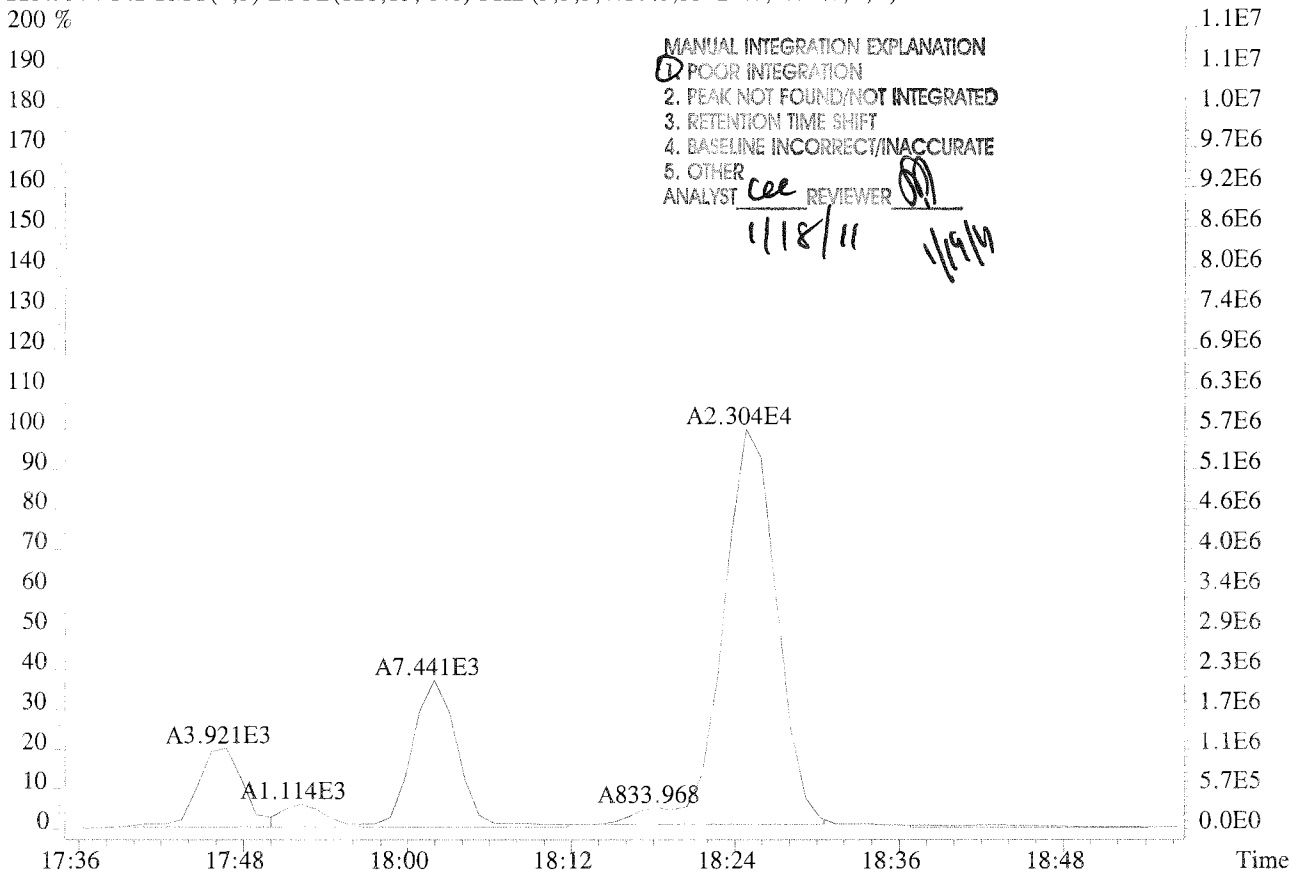
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224772 #1-337 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-017 USENE/W062
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3992.0,1.00%,F,T)
 200 %



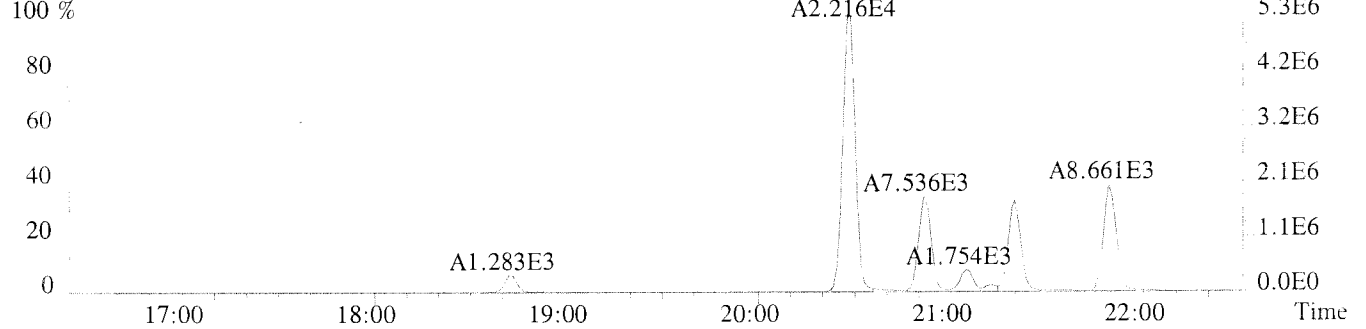
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,33624.0,1.00%,F,T)
 200 %



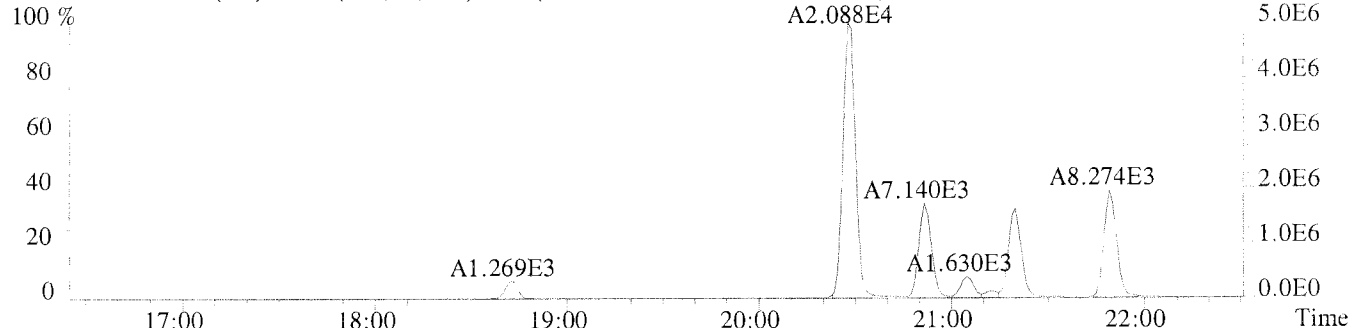
MANUAL INTEGRATION EXPLANATION
 1. POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER
 ANALYST *coe* REVIEWER *[Signature]*
 1/18/11 1/19/11

Sample#1 Exp:K1013433-017 USENE/W062

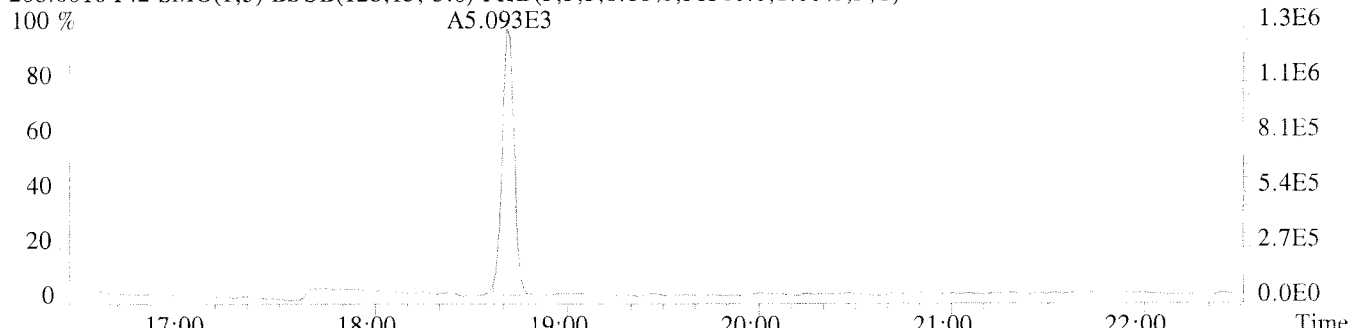
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3496.0,1.00%,F,T)



257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1916.0,1.00%,F,T)



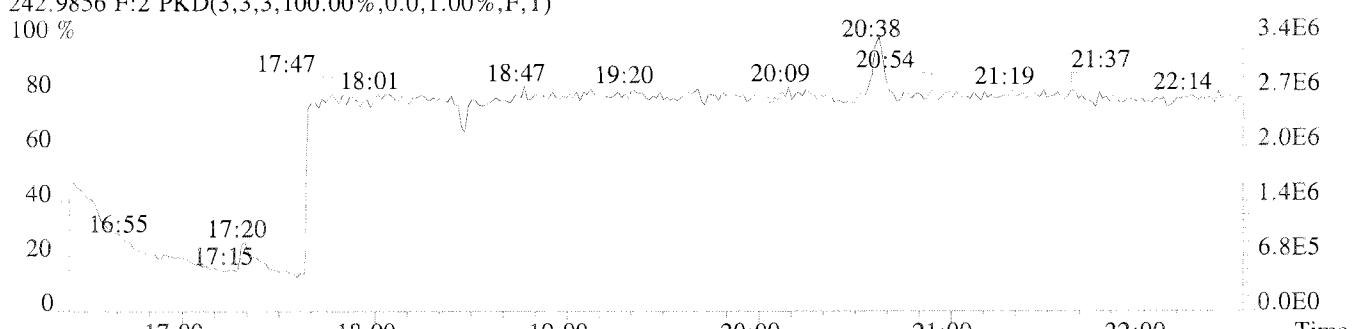
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,58360.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,76412.0,1.00%,F,T)

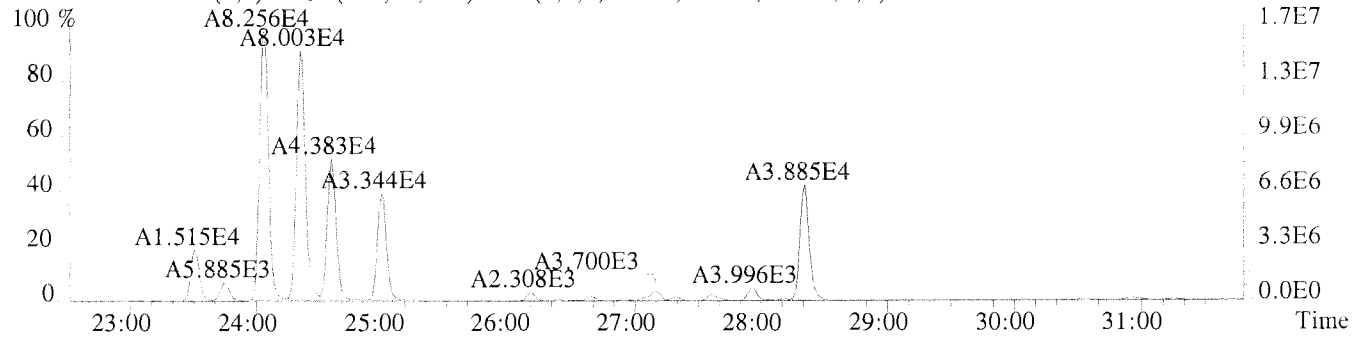


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

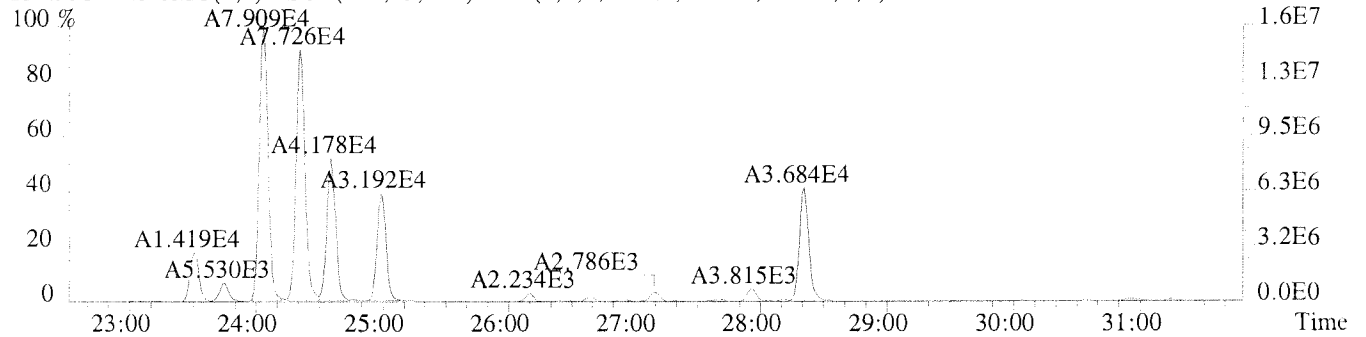


File:U224772 #1-594 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017 USENE/W062

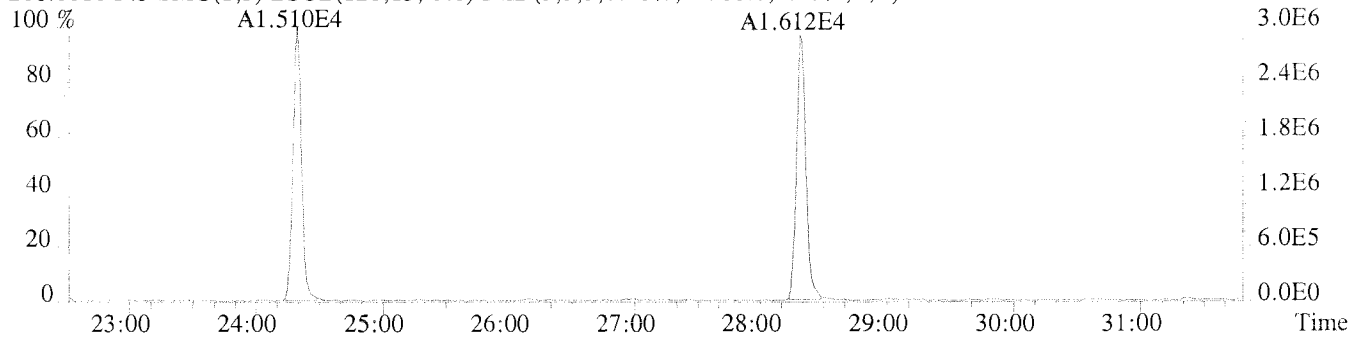
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2356.0,1.00%,F,T)



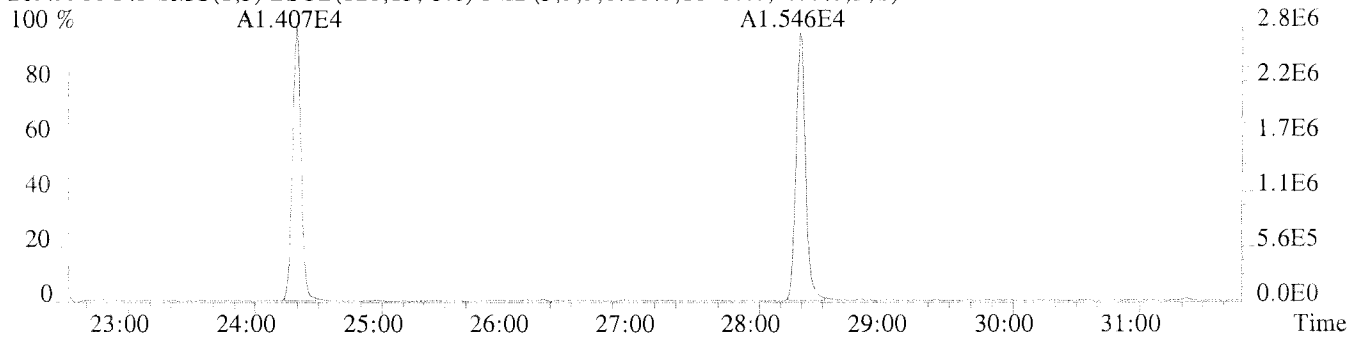
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3228.0,1.00%,F,T)



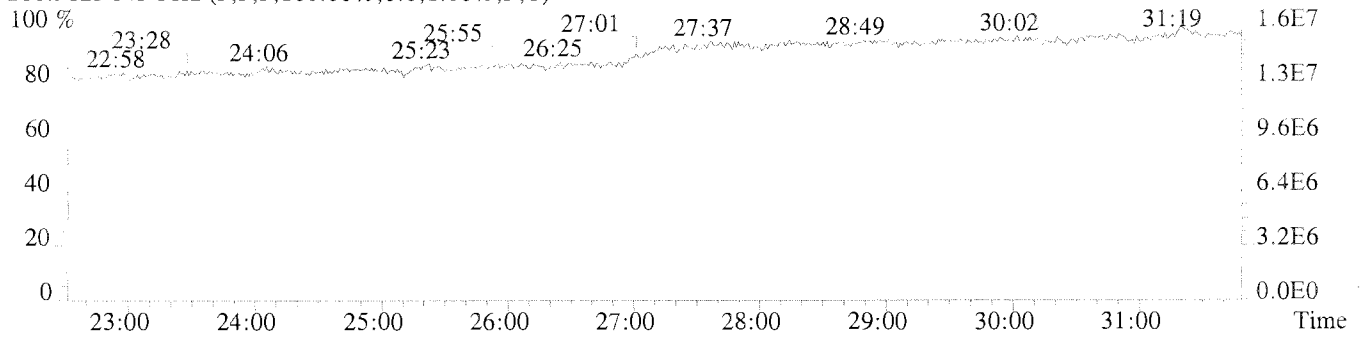
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,17588.0,1.00%,F,T)



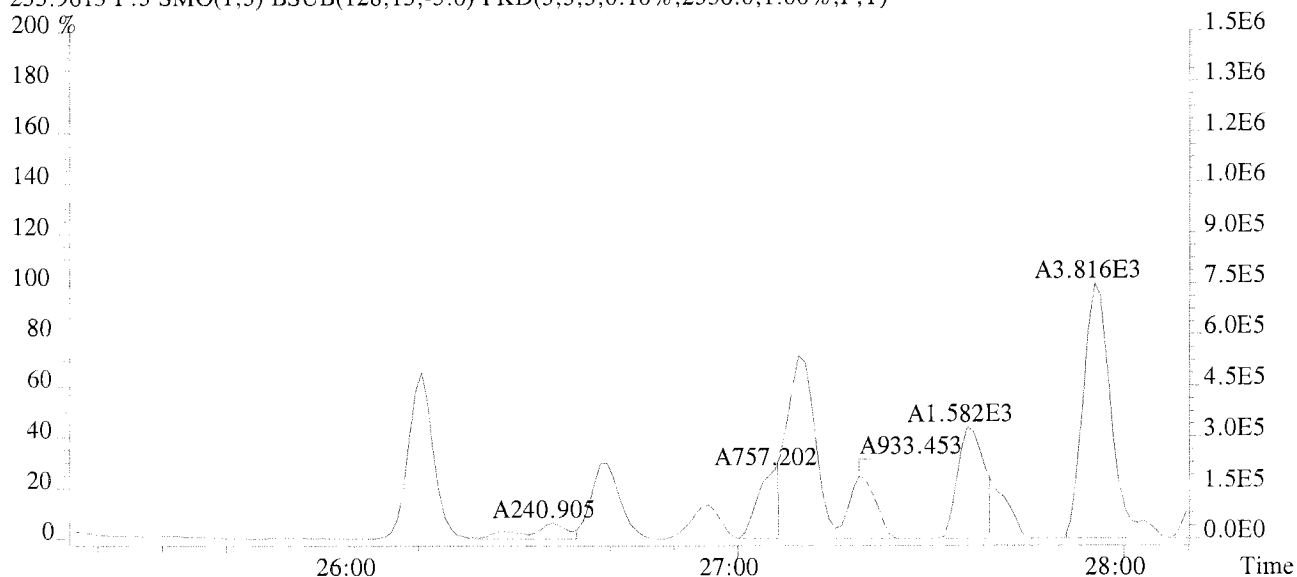
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,18400.0,1.00%,F,T)



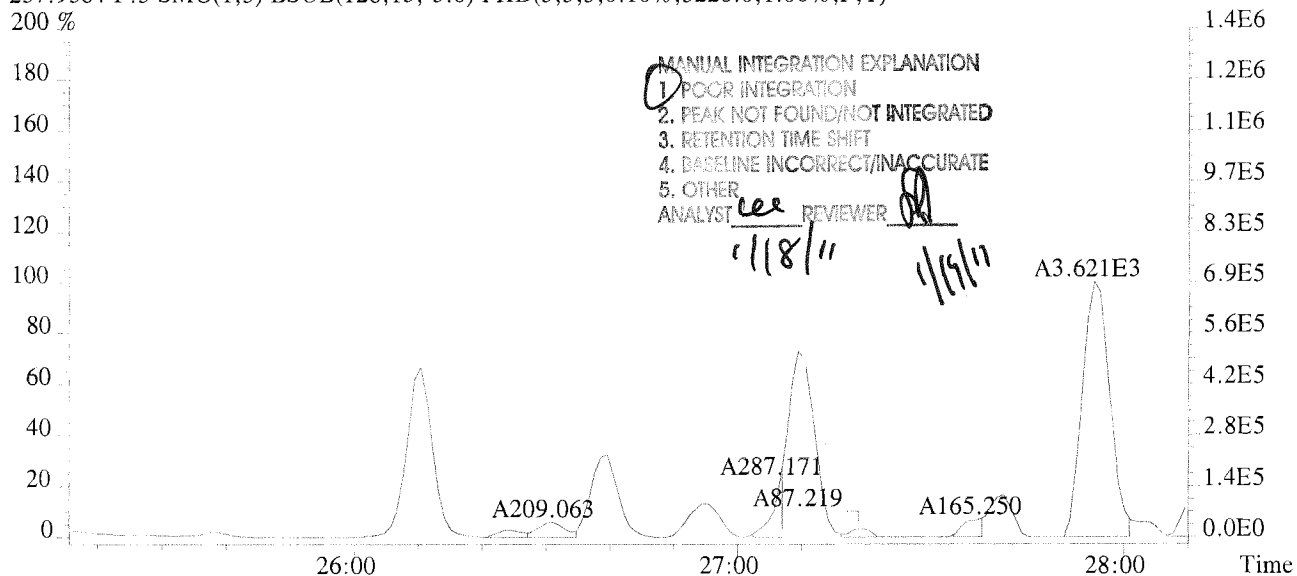
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



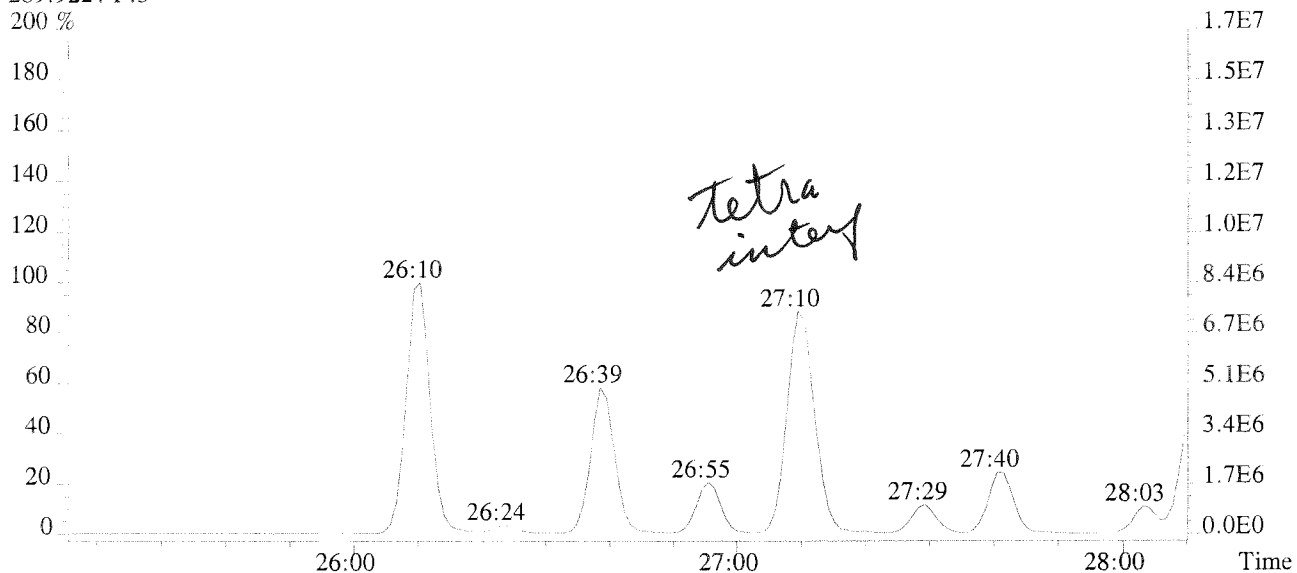
File:U224772 #1-594 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-017 USENE/W062
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2356.0,1.00%,F,T)

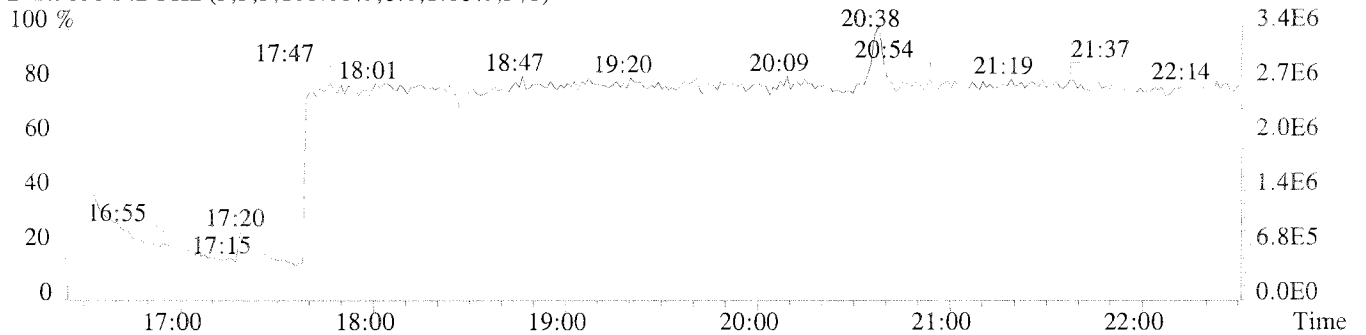
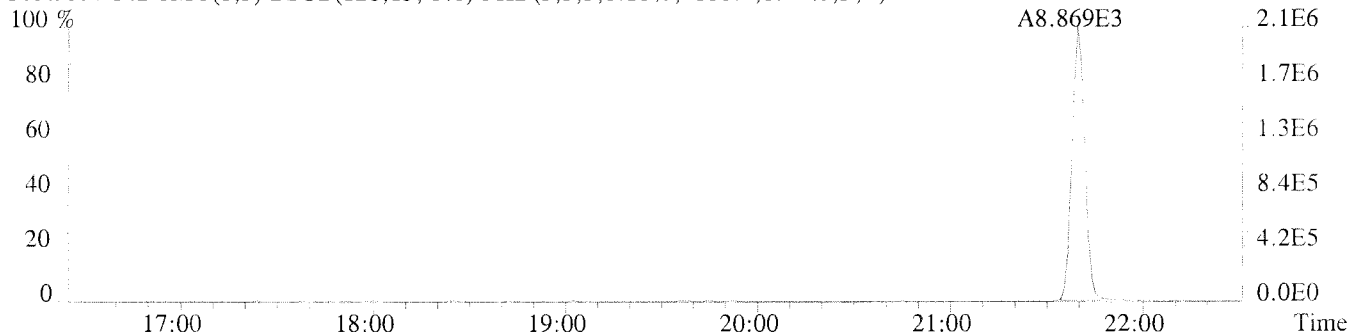
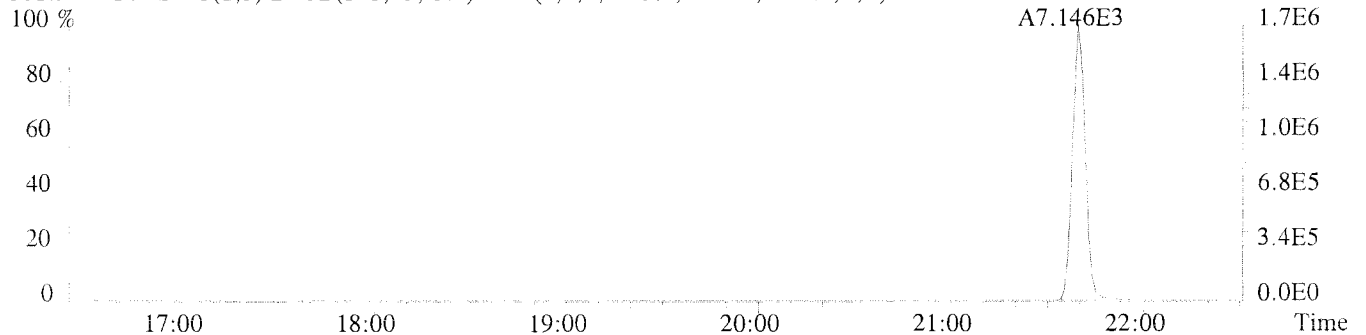
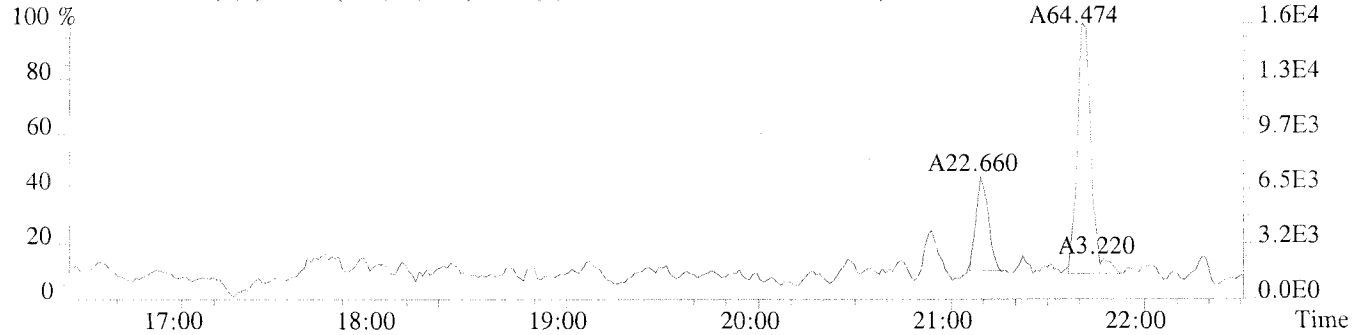
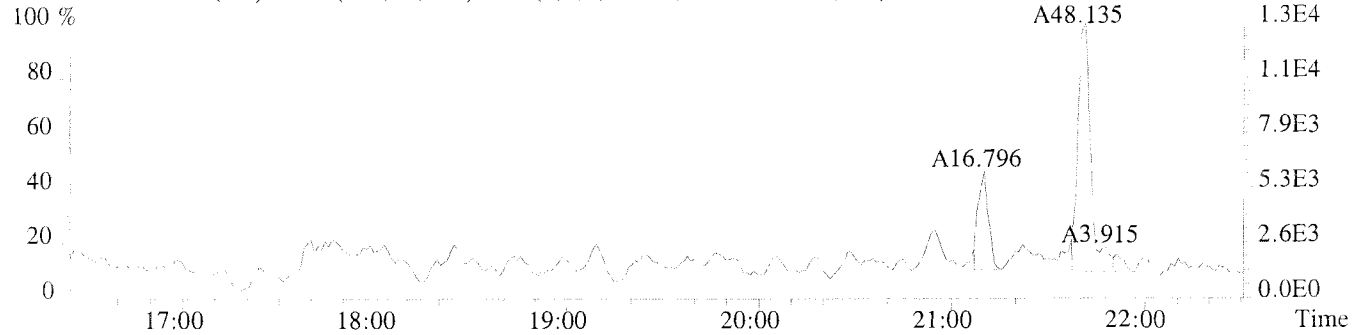


257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3228.0,1.00%,F,T)



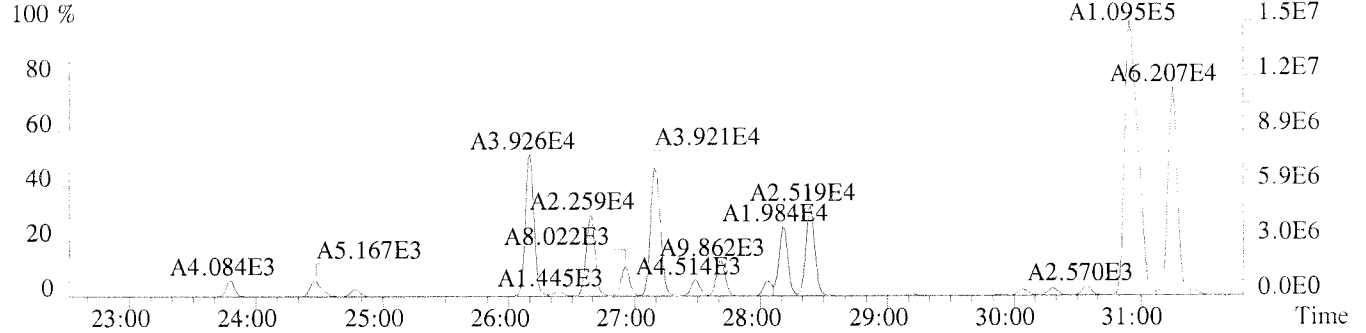
289.9224 F:3



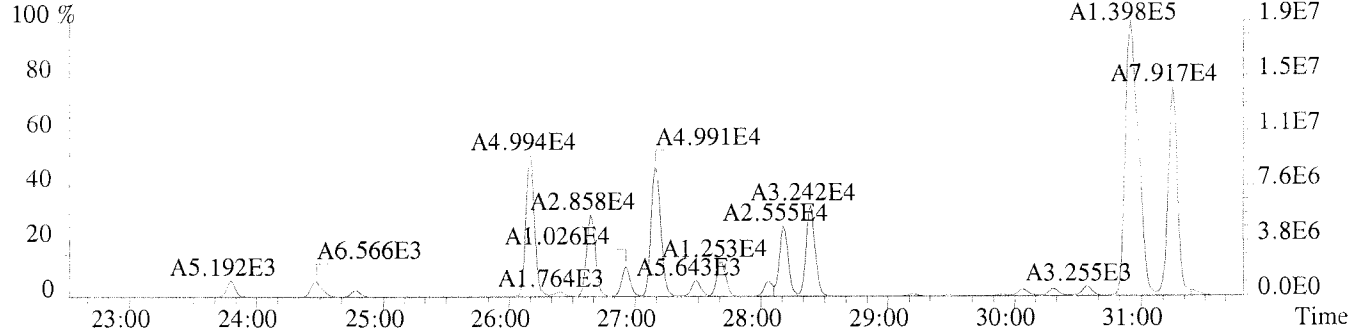


Sample#1 Exp:K1013433-017 USENE/W062

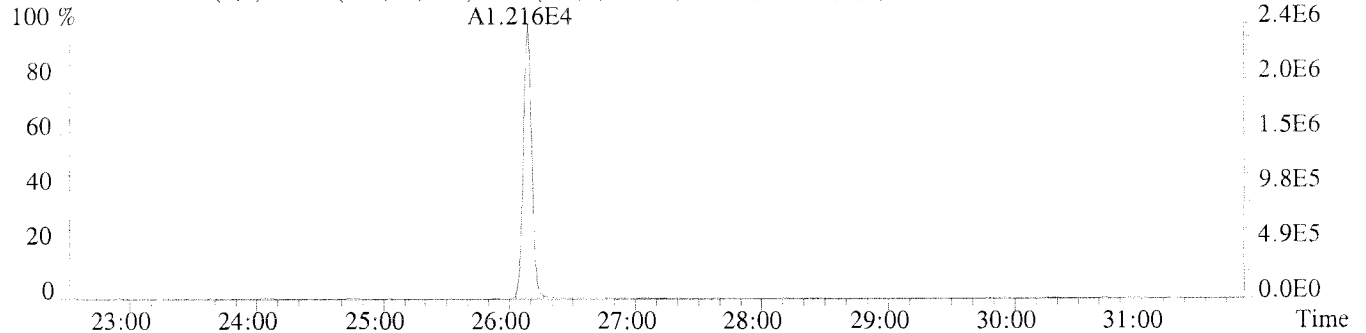
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1516.0,1.00%,F,T)



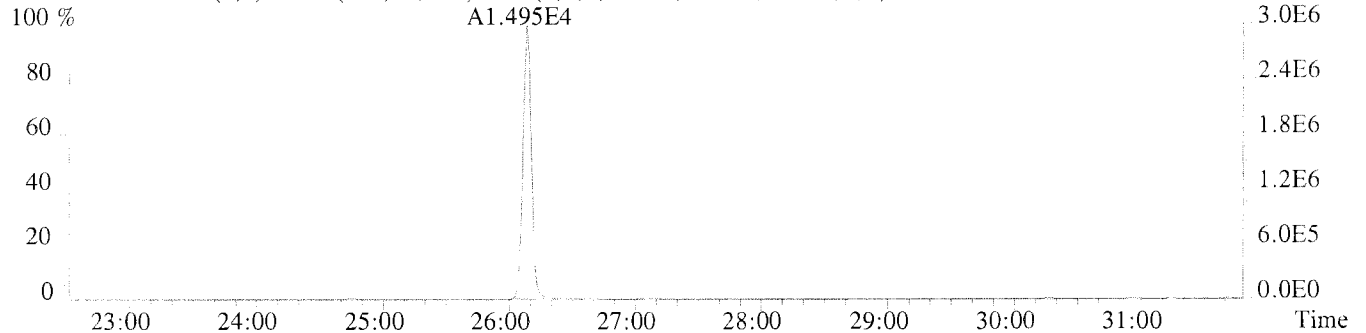
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1388.0,1.00%,F,T)



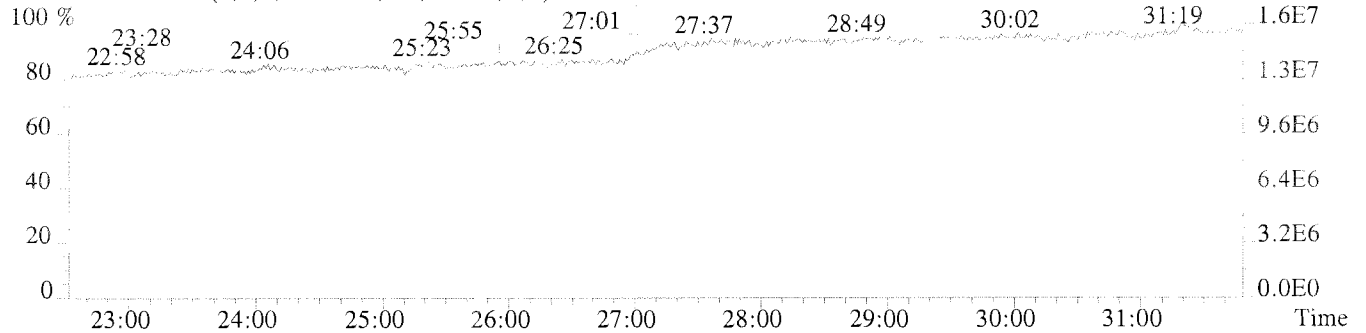
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2292.0,1.00%,F,T)



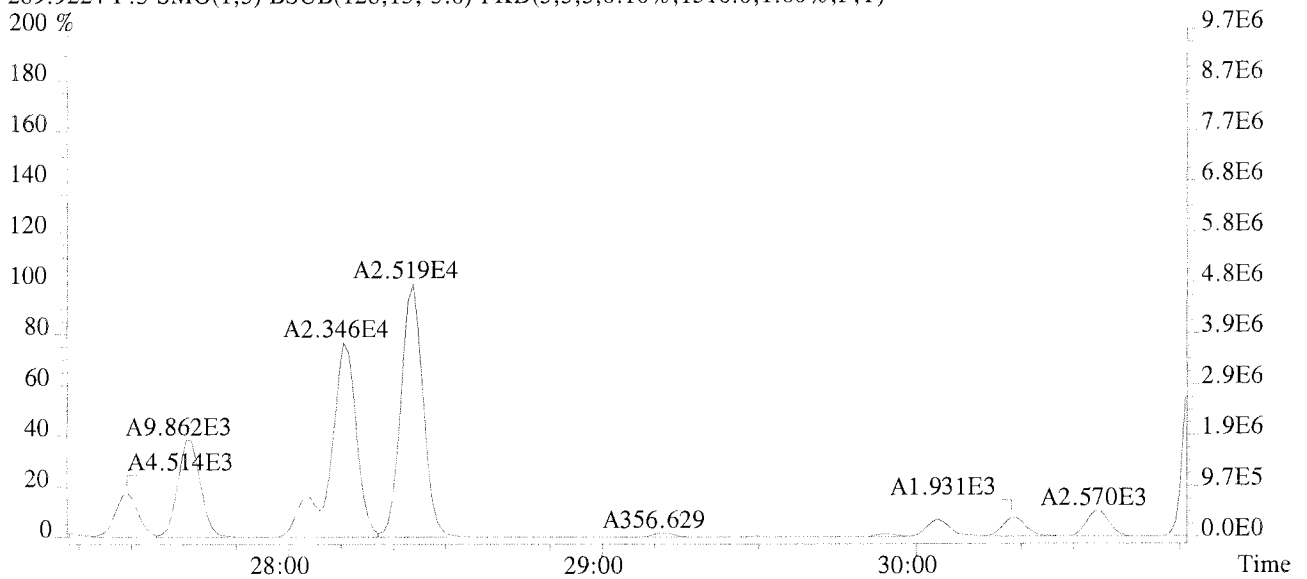
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1640.0,1.00%,F,T)



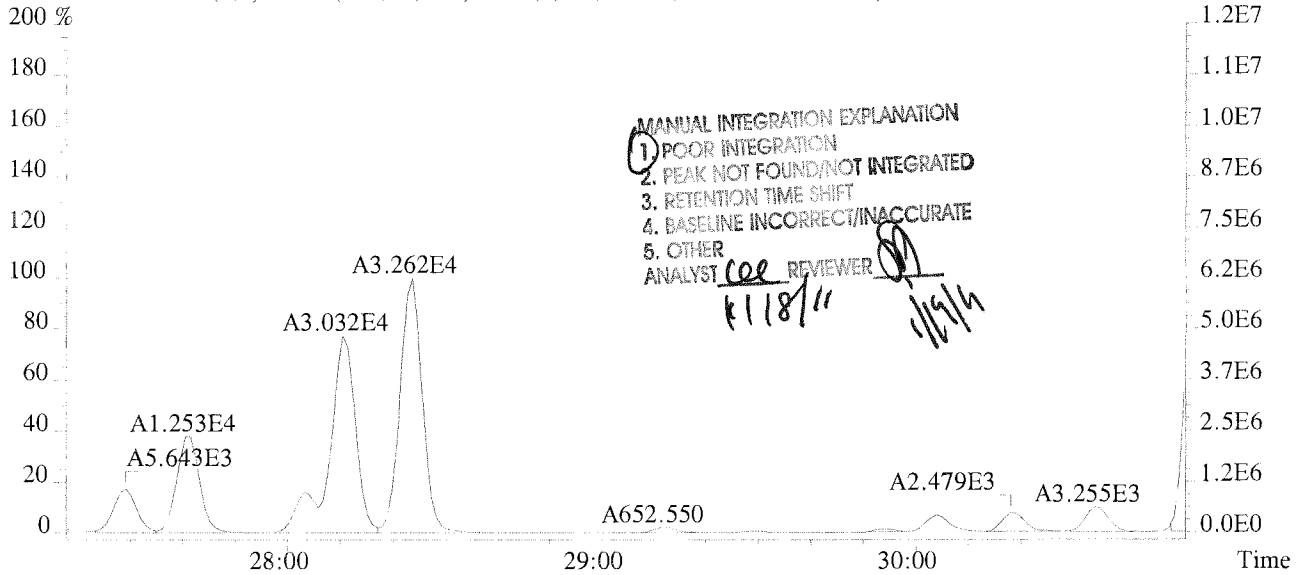
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



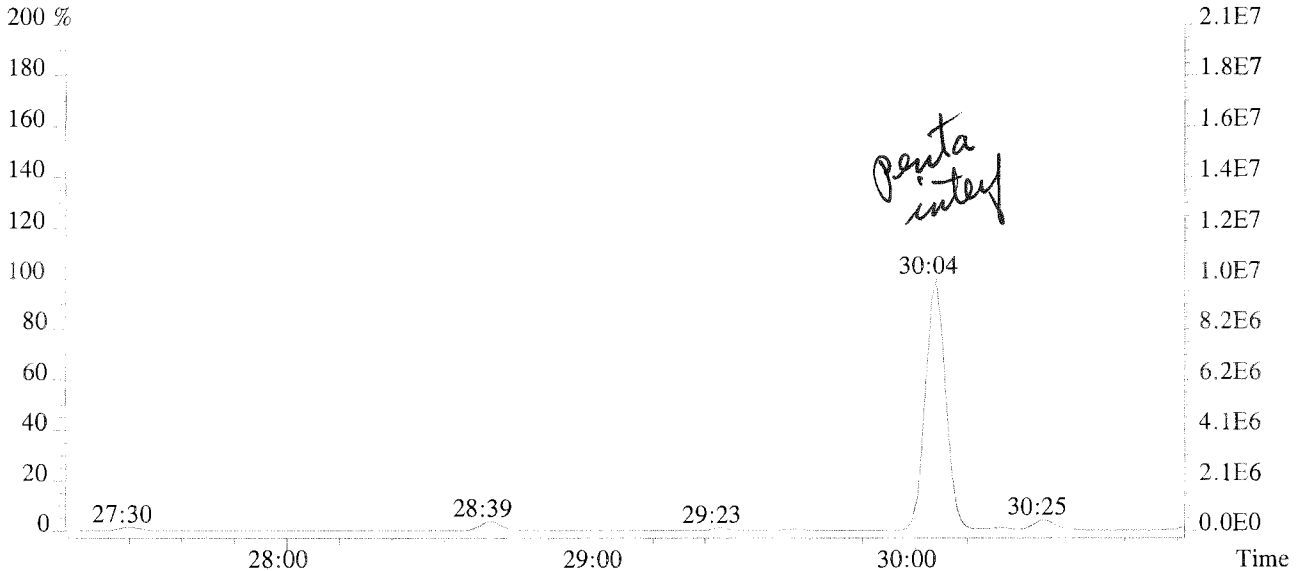
File:U224772 #1-594 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-017 USENE/W062
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1516.0,1.00%,F,T)
 200 %



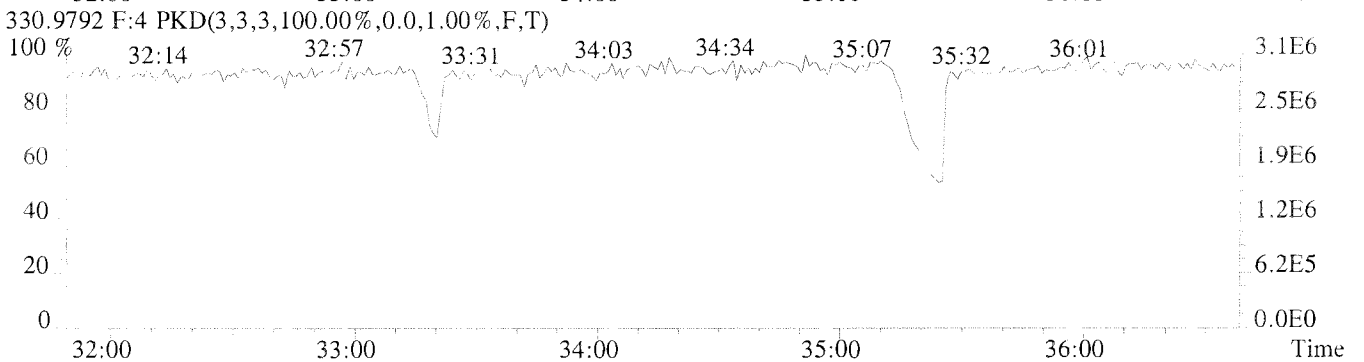
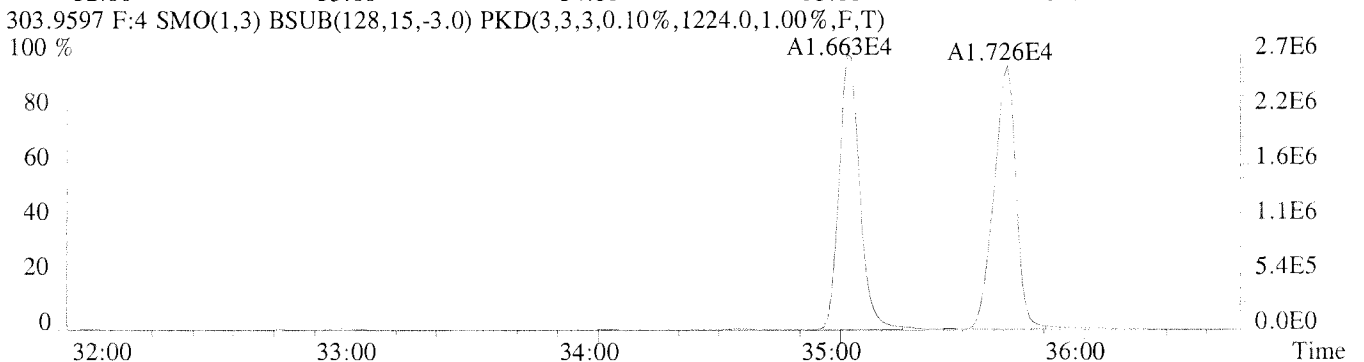
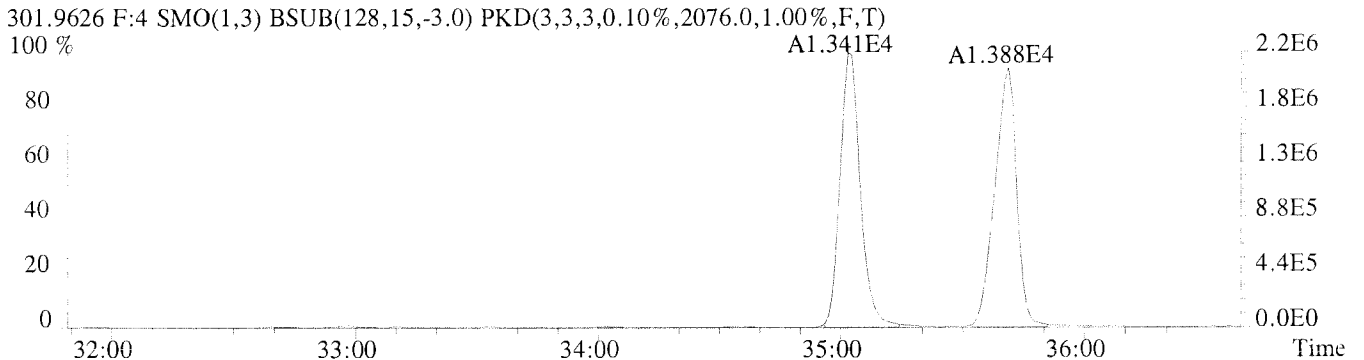
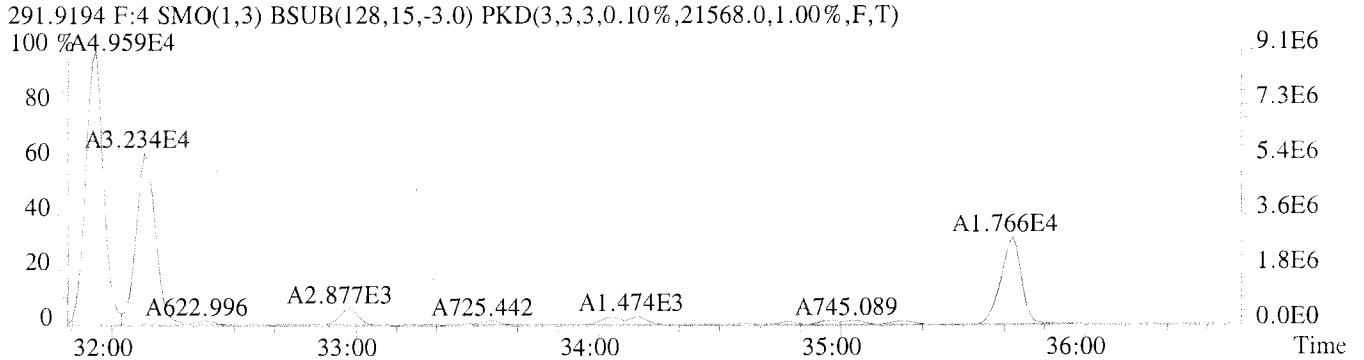
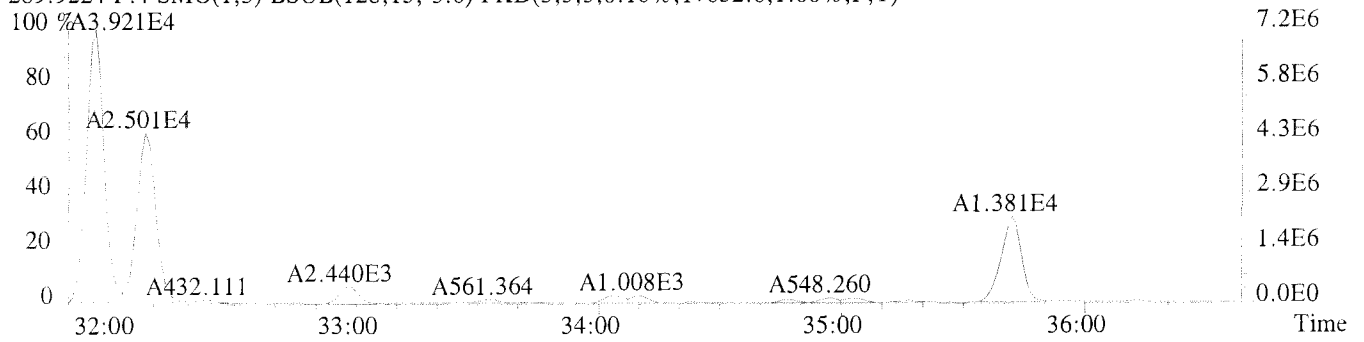
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1388.0,1.00%,F,T)
 200 %



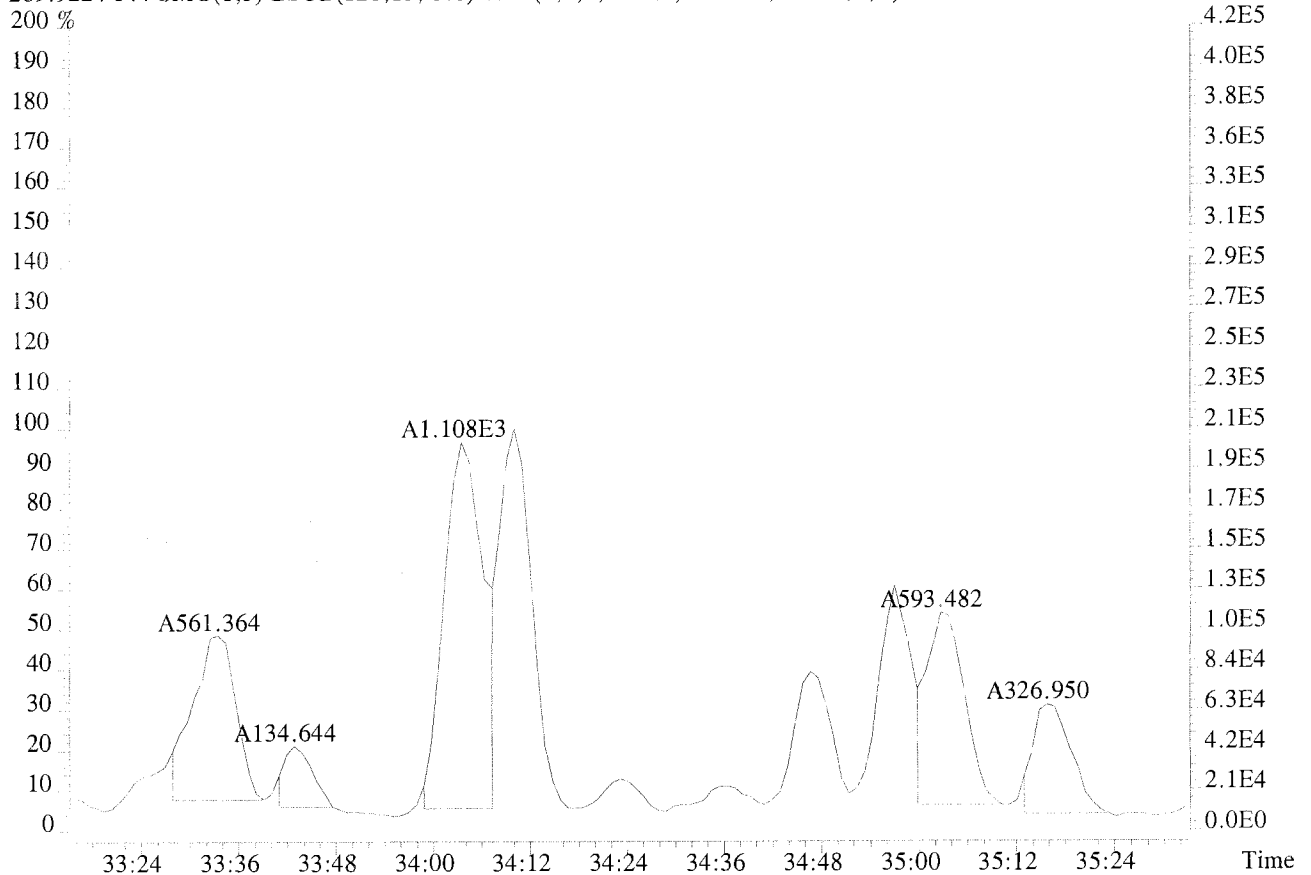
325.8804 F:3
 200 %



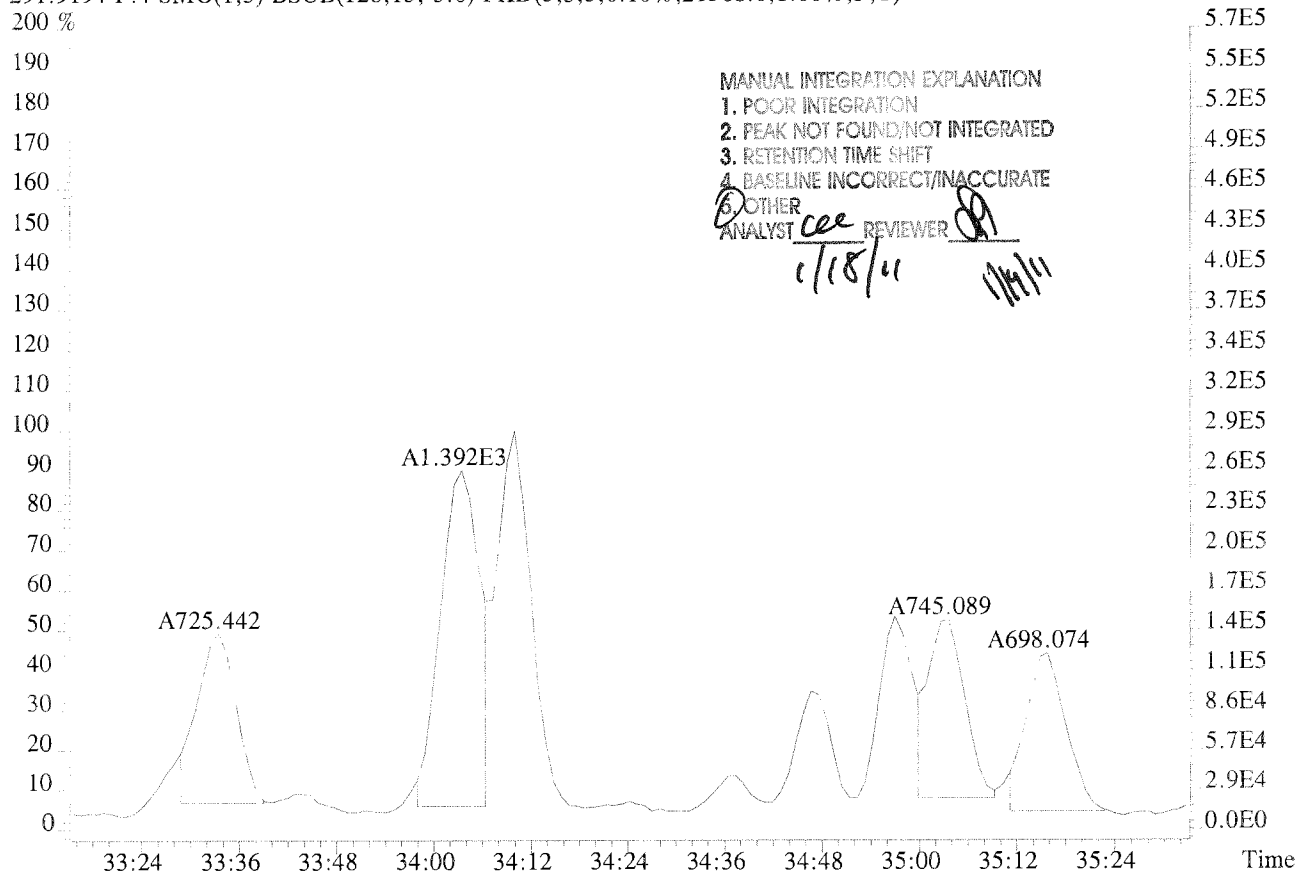
File:U224772 #1-309 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017 USENE/W062
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,17032.0,1.00%,F,T)
100 %A3.921E4



File:U224772 #1-309 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-017 USENE/W062
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,17032.0,1.00%,F,T)
 200 %



291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,21568.0,1.00%,F,T)
 200 %

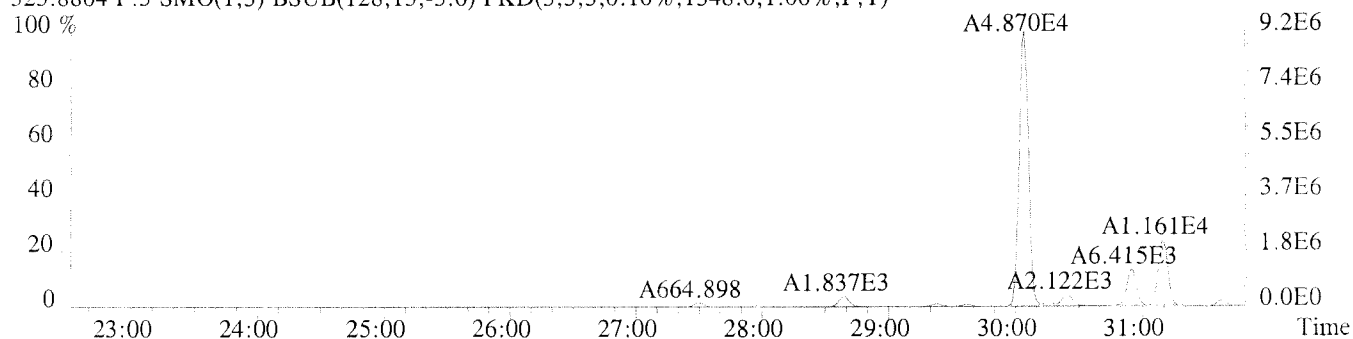


MANUAL INTEGRATION EXPLANATION
 1. POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER
 ANALYST *cee* REVIEWER *PA*

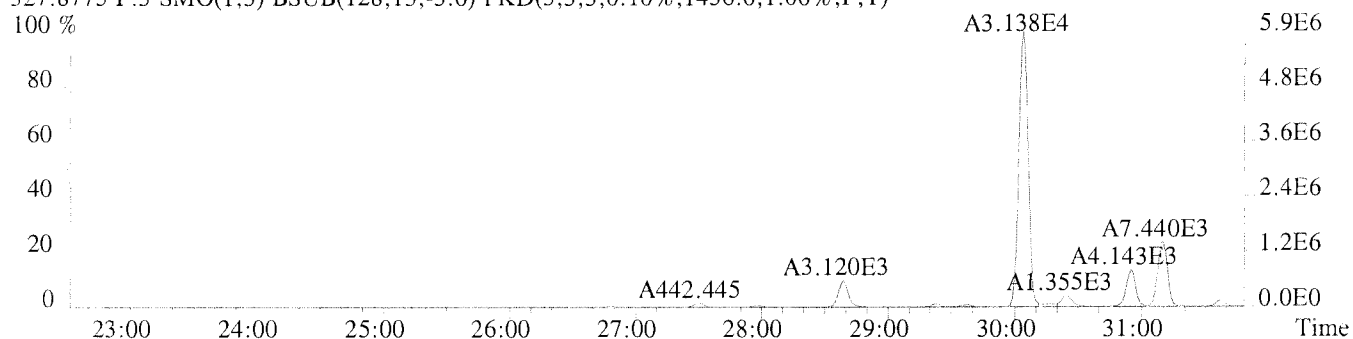
1/18/11 1/19/11

File:U224772 #1-594 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017 USENE/W062

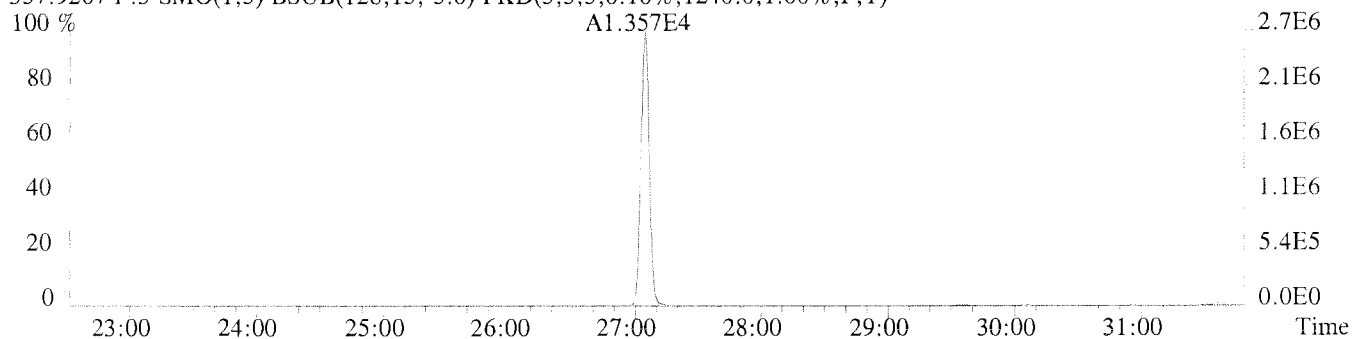
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1348.0,1.00%,F,T)



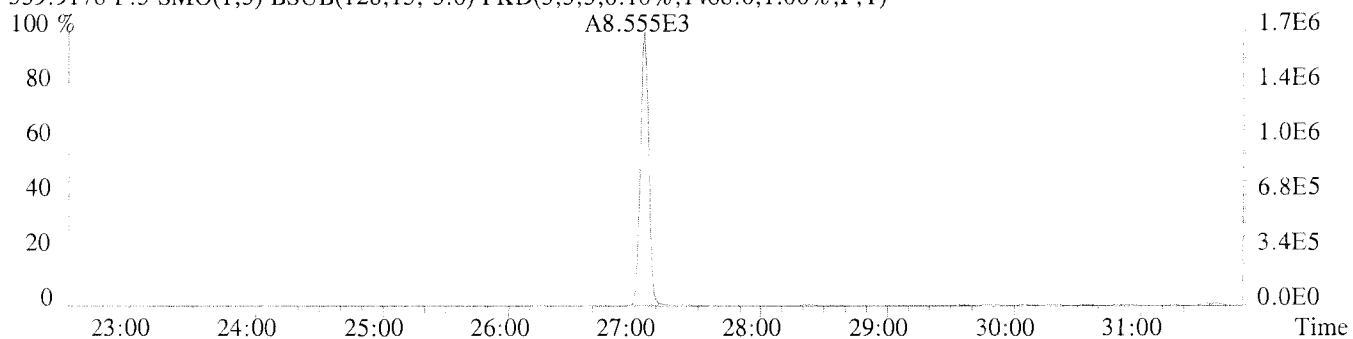
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1436.0,1.00%,F,T)



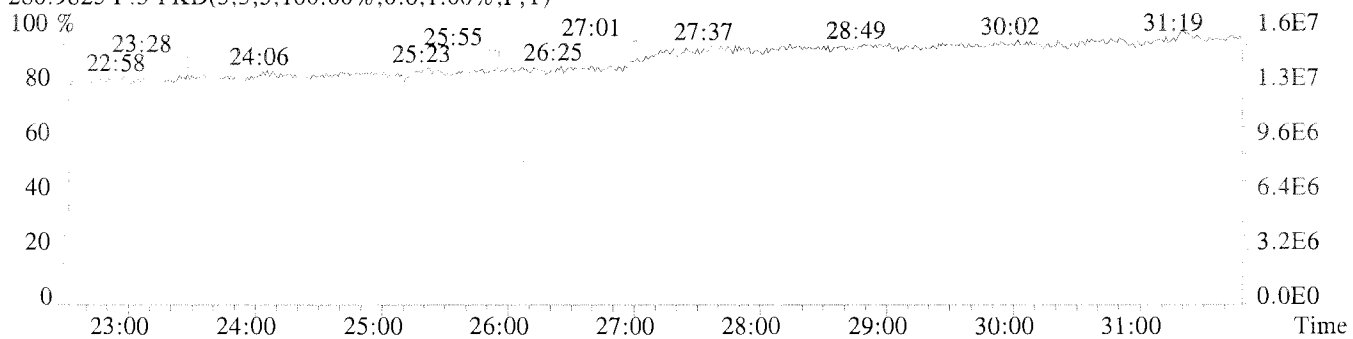
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1240.0,1.00%,F,T)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1468.0,1.00%,F,T)



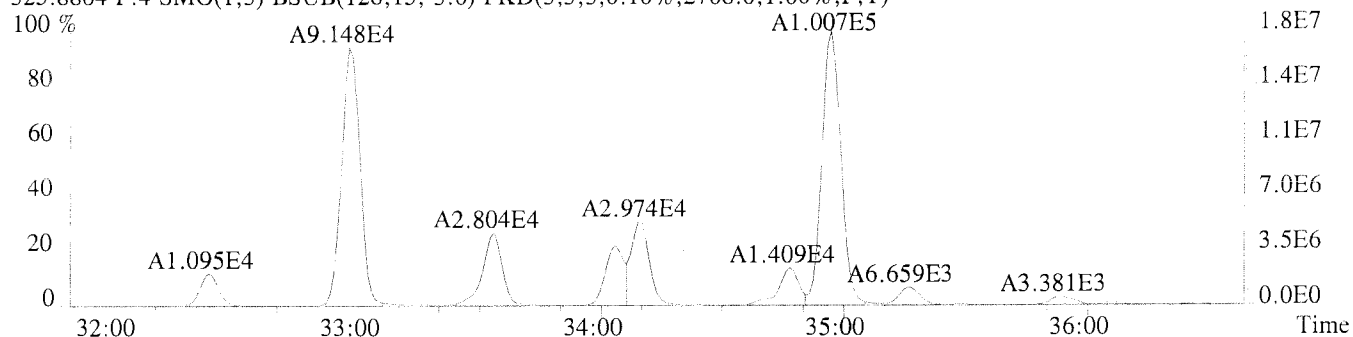
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



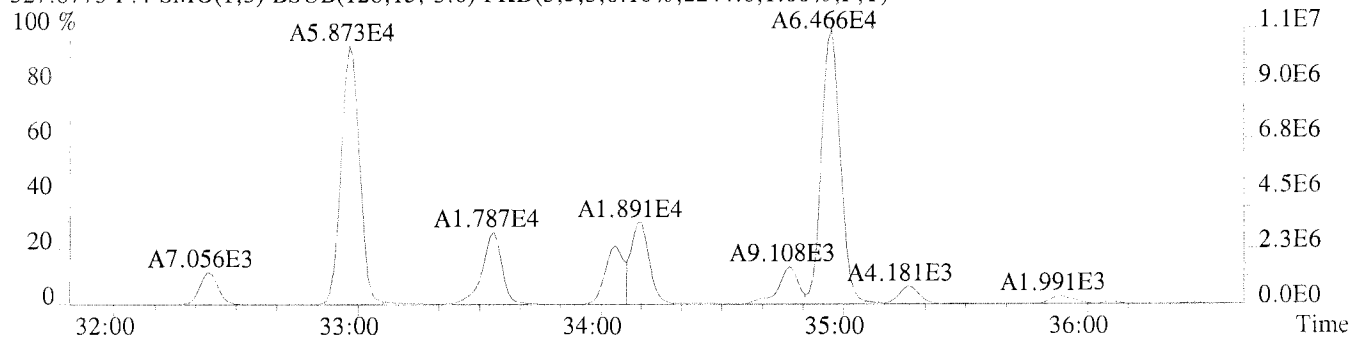
File:U224772 #1-309 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017 USENE/W062

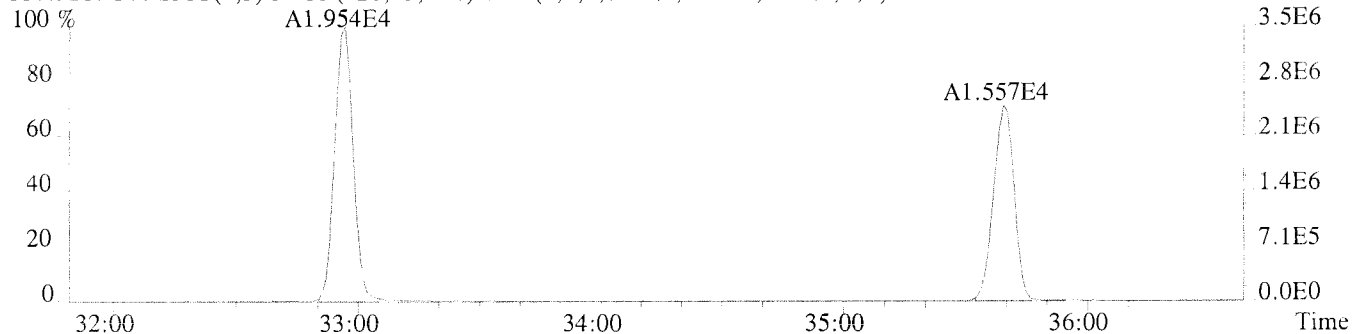
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2708.0,1.00%,F,T)



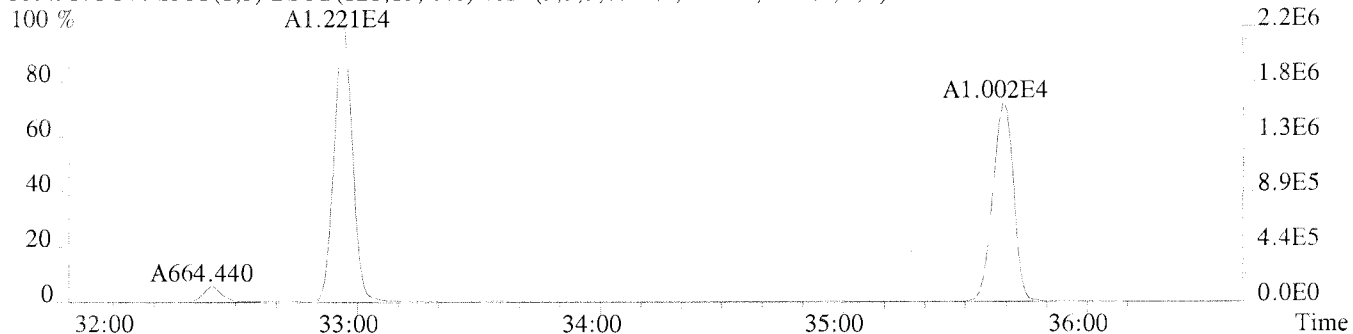
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2244.0,1.00%,F,T)



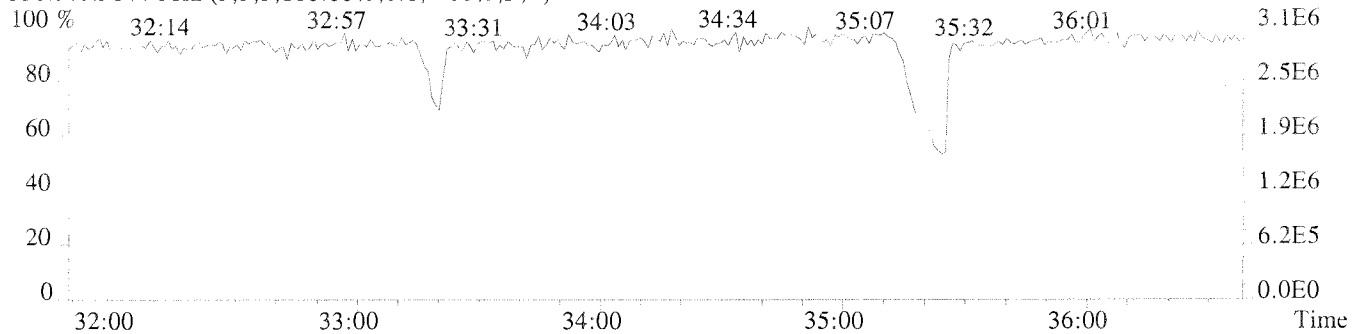
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2332.0,1.00%,F,T)



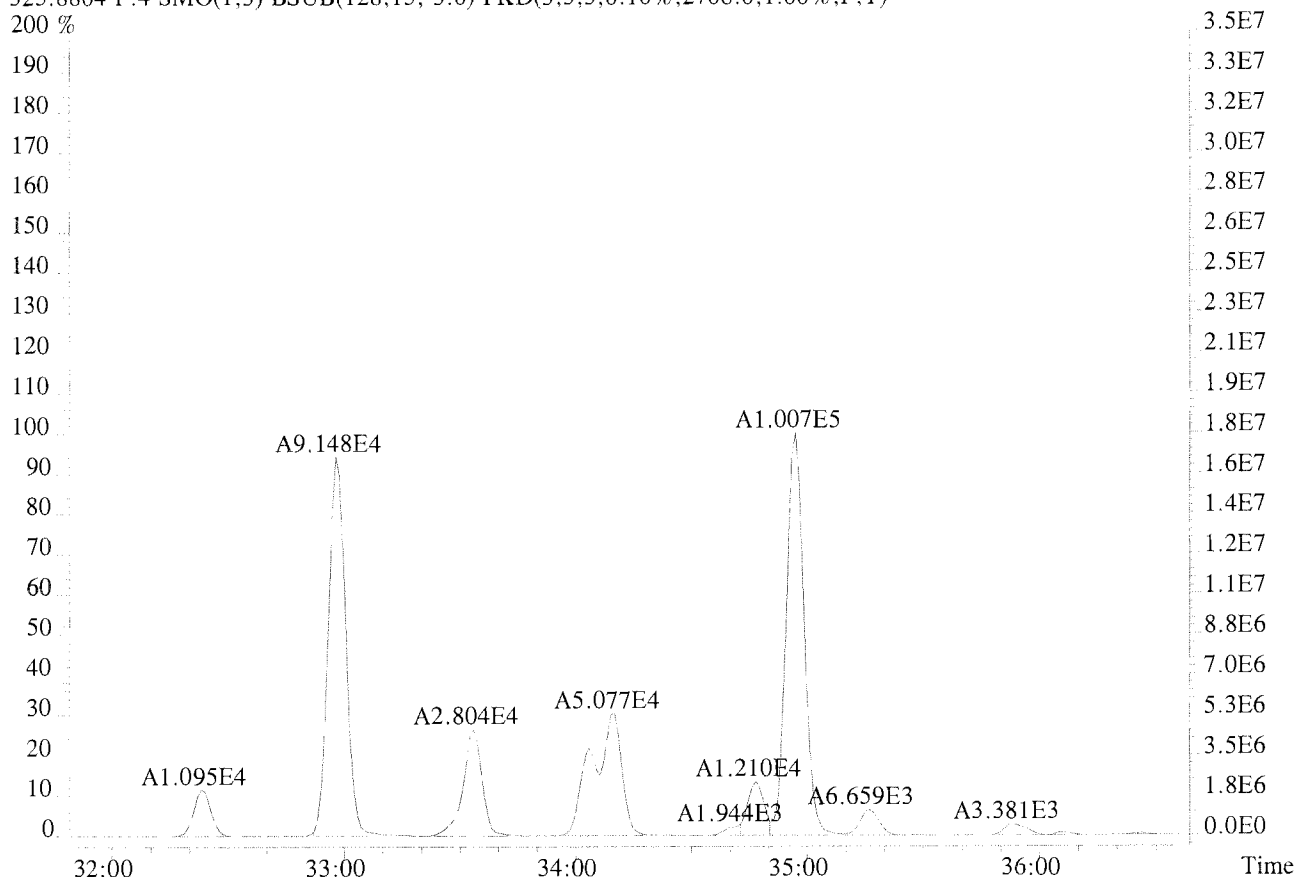
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1700.0,1.00%,F,T)



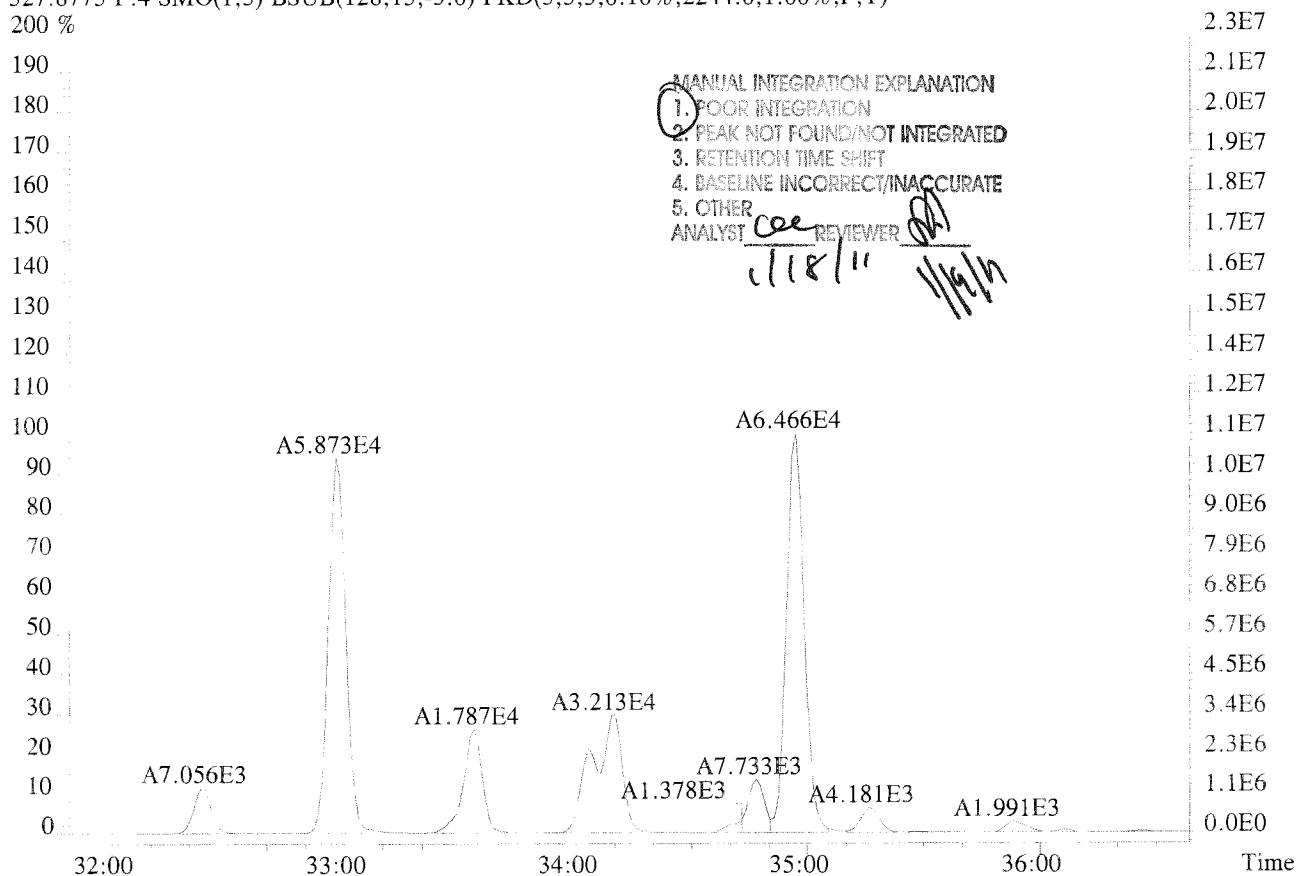
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224772 #1-309 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-017 USENE/W062
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2708.0,1.00%,F,T)
 200 %

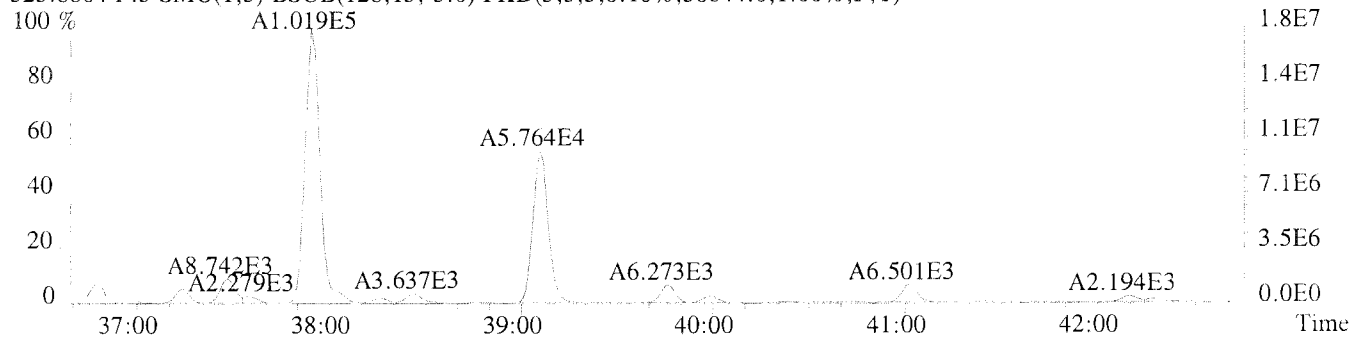


327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2244.0,1.00%,F,T)
 200 %

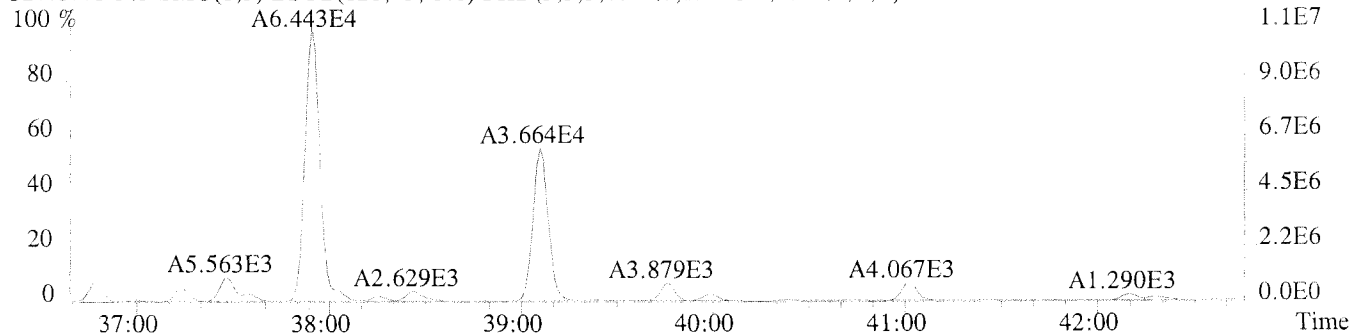


File:U224772 #1-391 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017 USENE/W062

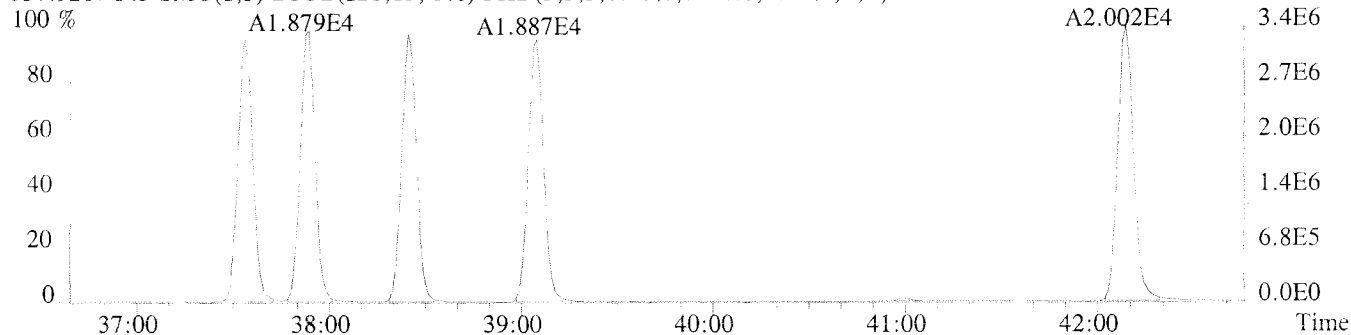
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,30844.0,1.00%,F,T)



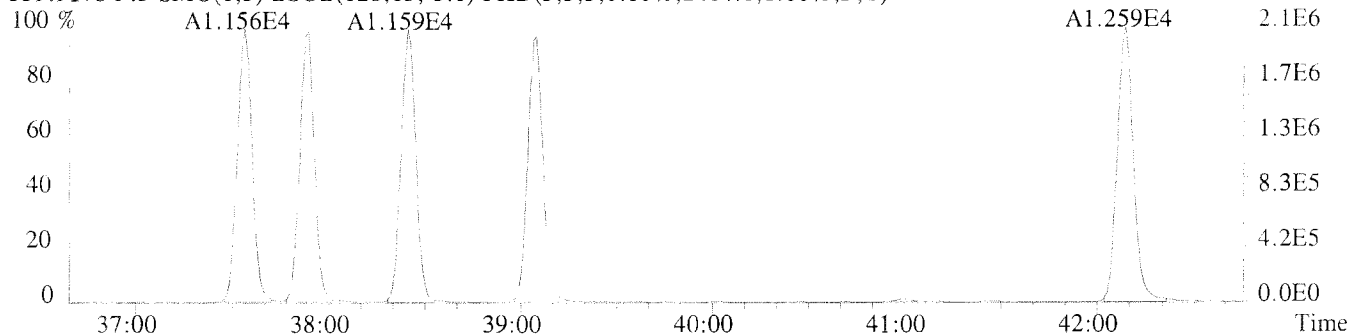
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,29380.0,1.00%,F,T)



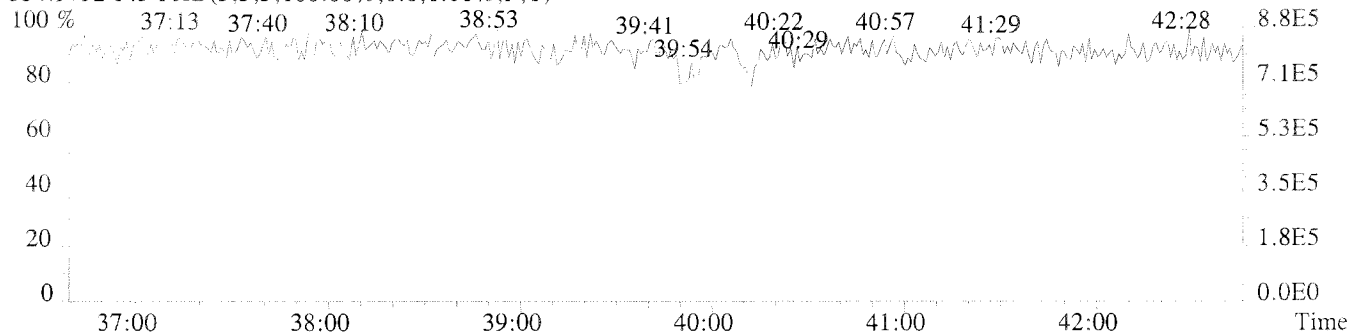
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7136.0,1.00%,F,T)



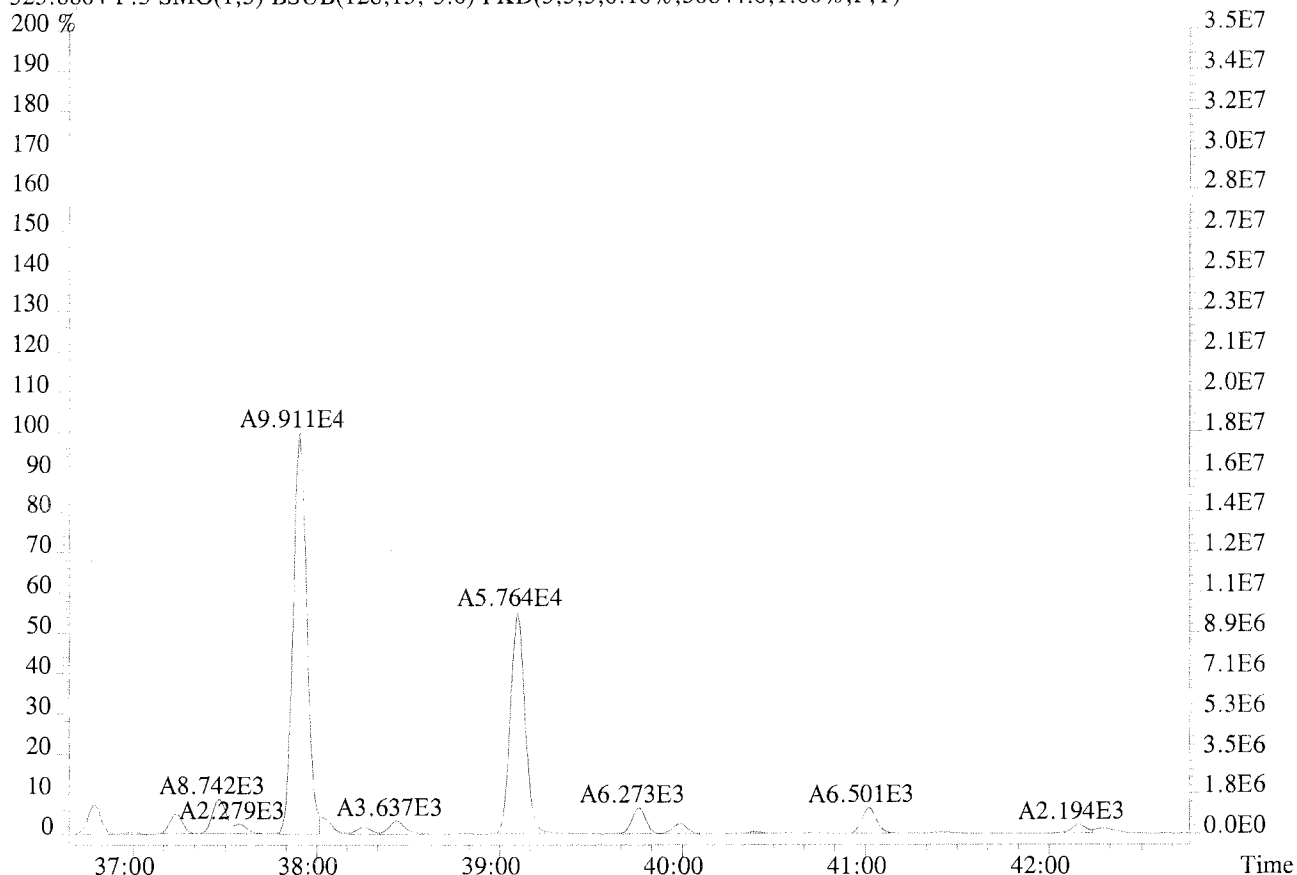
339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2464.0,1.00%,F,T)



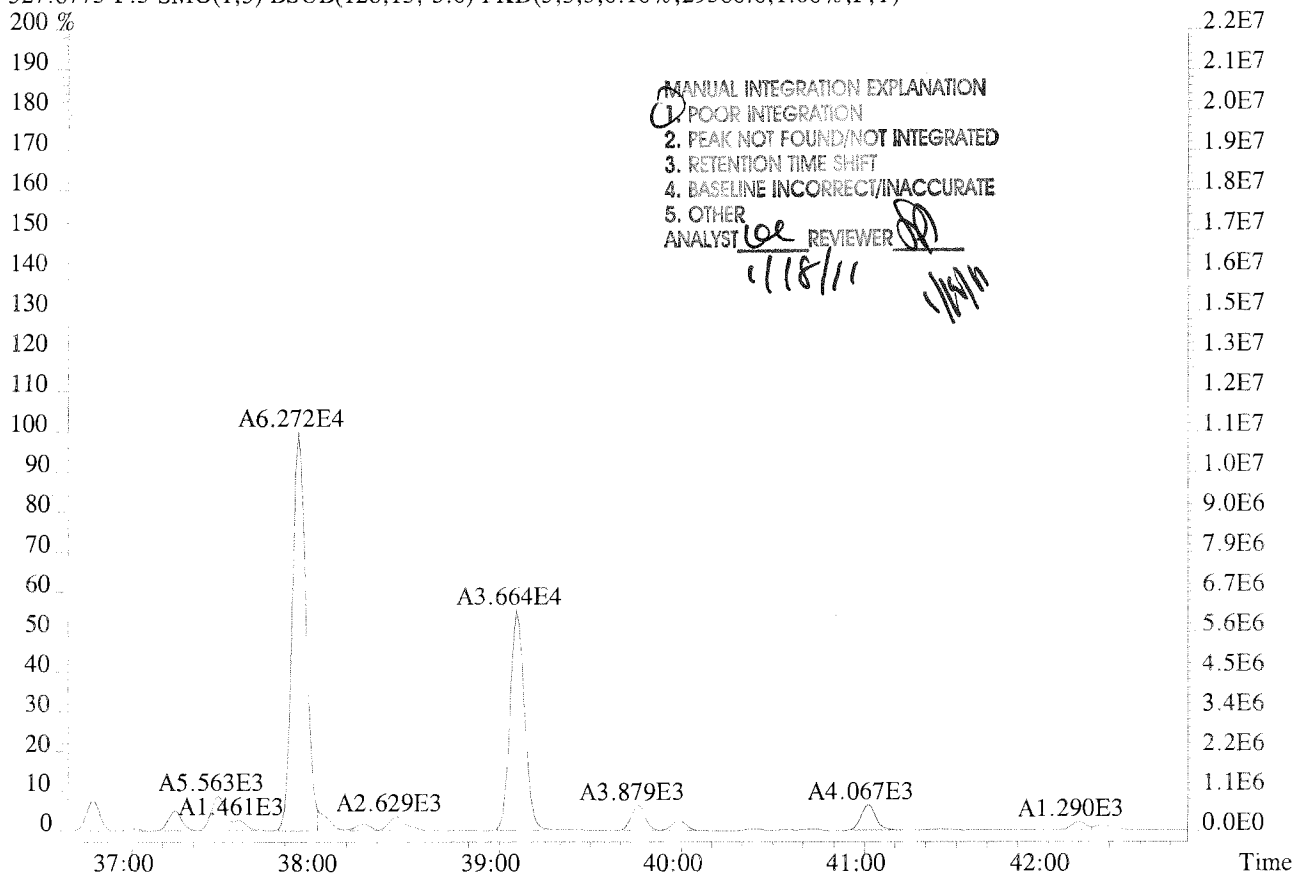
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224772 #1-391 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:K1013433-017 USENE/W062
 325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,30844.0,1.00%,F,T)



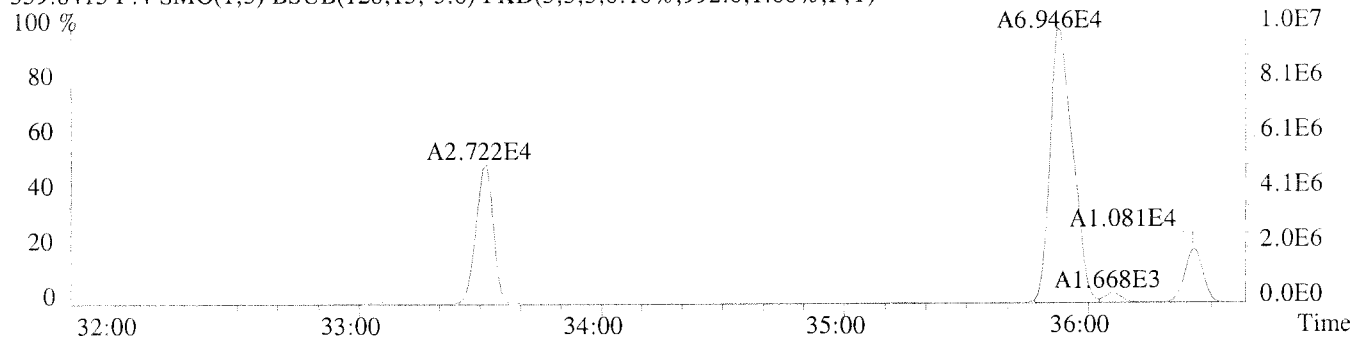
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,29380.0,1.00%,F,T)



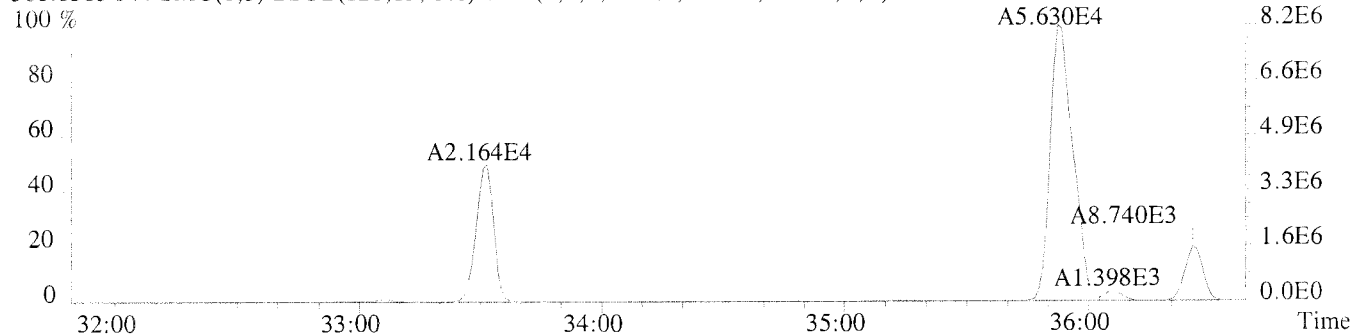
File:U224772 #1-309 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017 USENE/W062

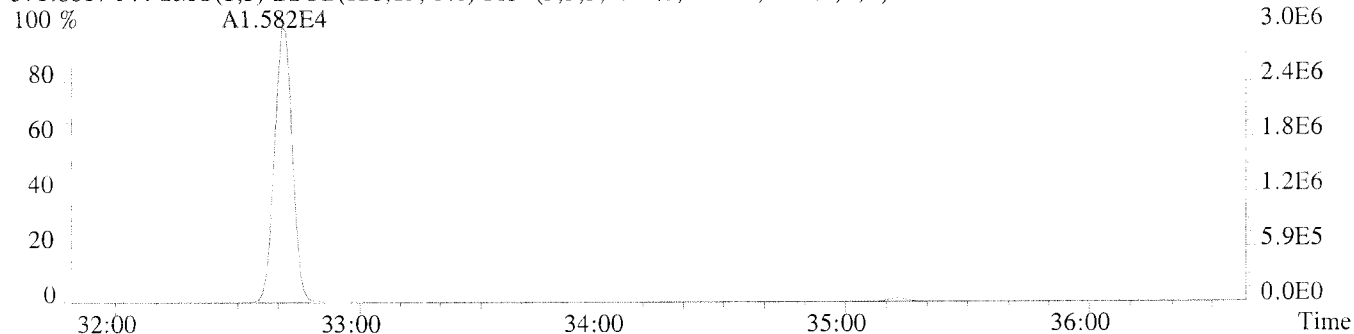
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,992.0,1.00%,F,T)



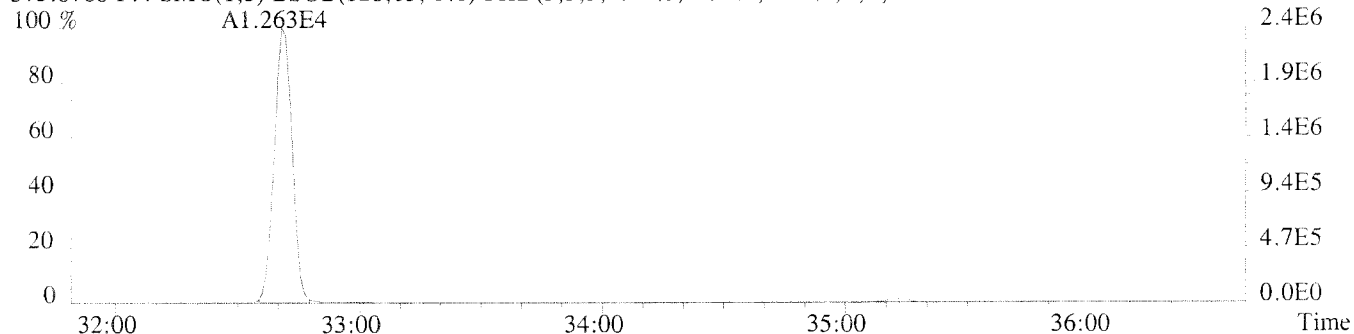
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1332.0,1.00%,F,T)



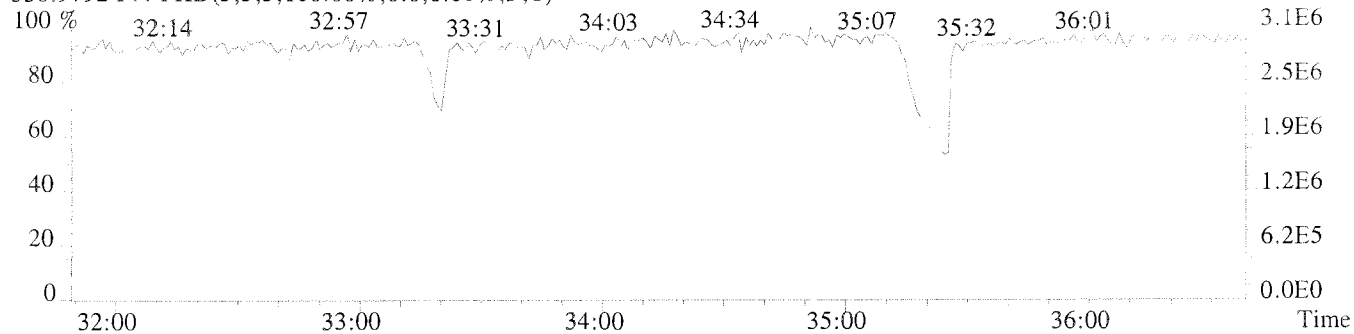
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1348.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1296.0,1.00%,F,T)

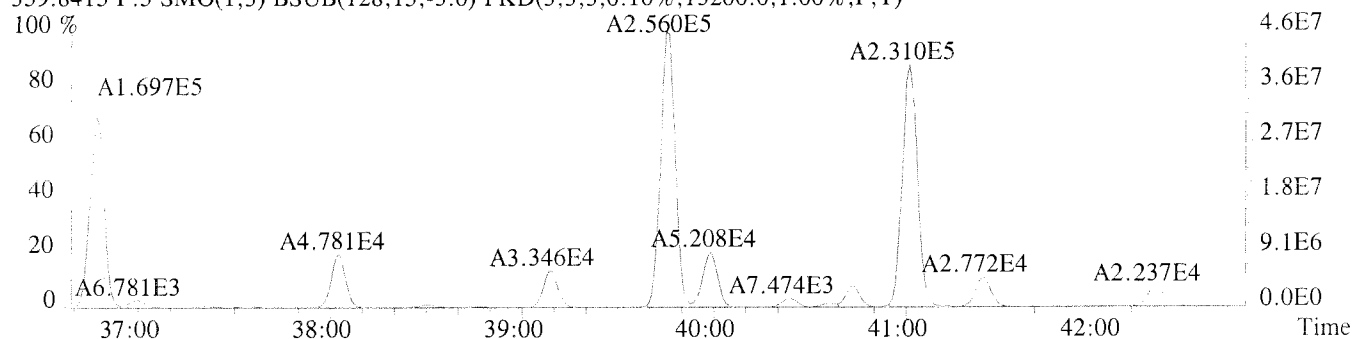


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

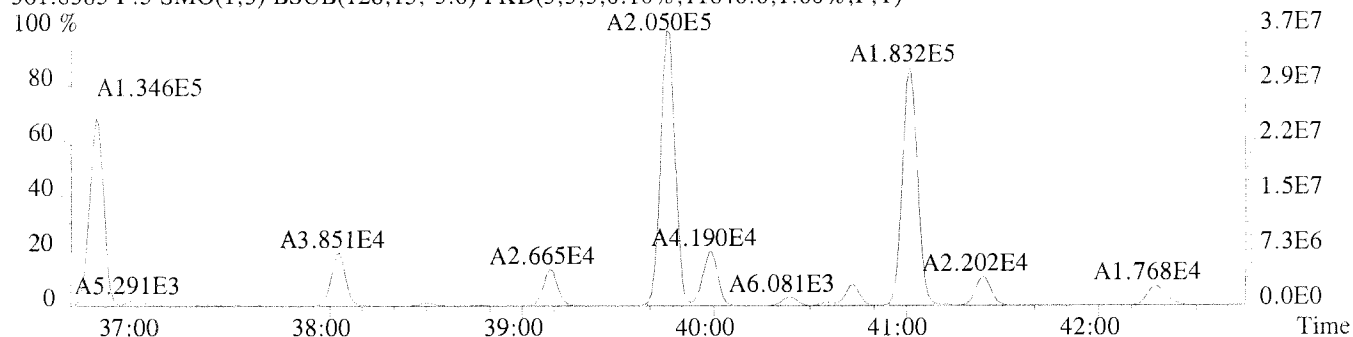


File:U224772 #1-391 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017 USENE/W062

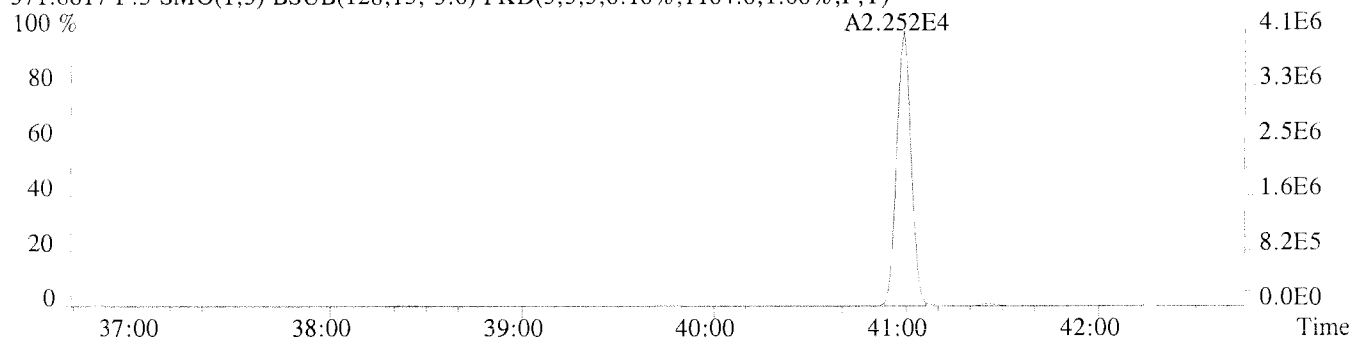
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13200.0,1.00%,F,T)



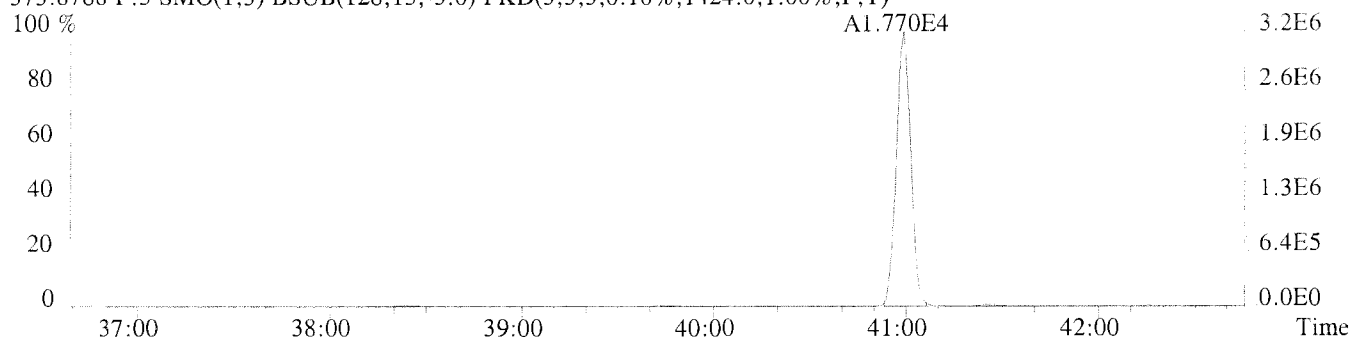
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11840.0,1.00%,F,T)



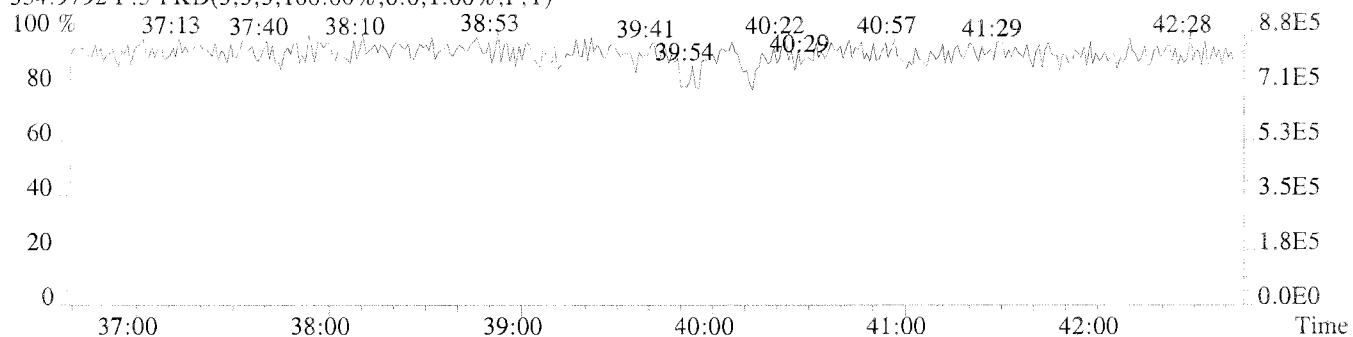
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1104.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1424.0,1.00%,F,T)

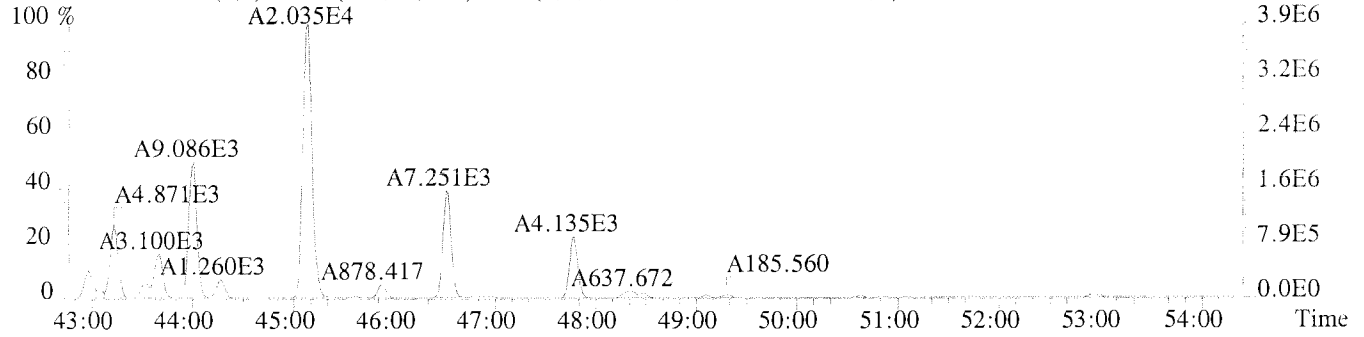


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

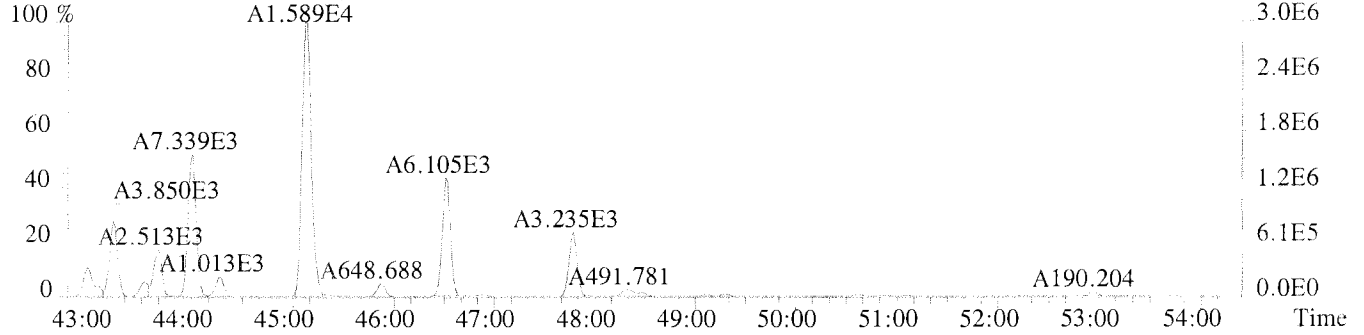


File:U224772 #1-577 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017 USENE/W062

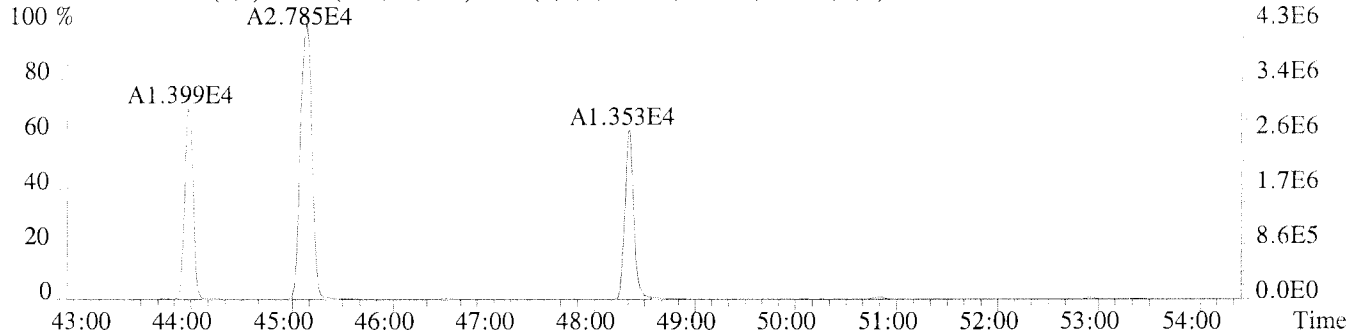
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11968.0,1.00%,F,T)



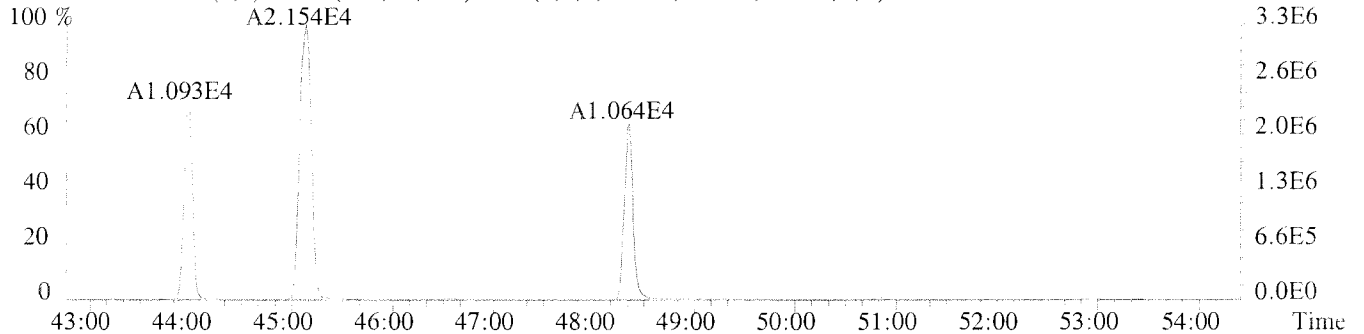
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9572.0,1.00%,F,T)



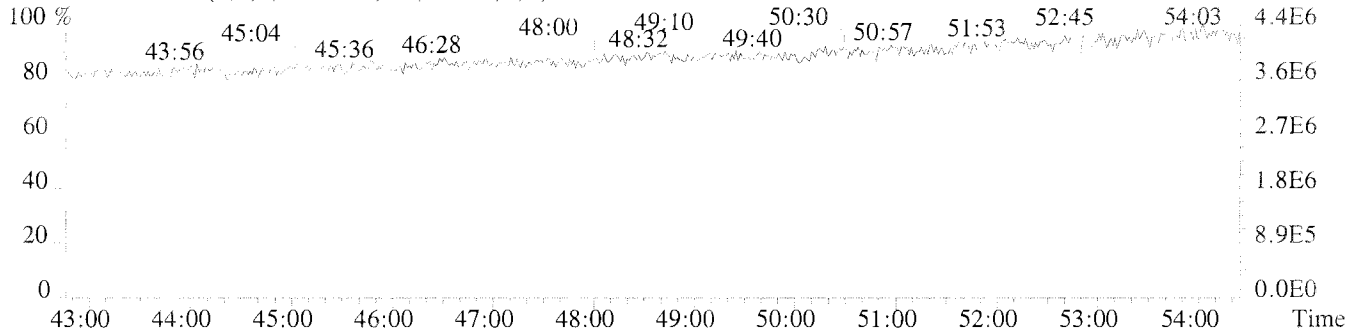
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1992.0,1.00%,F,T)



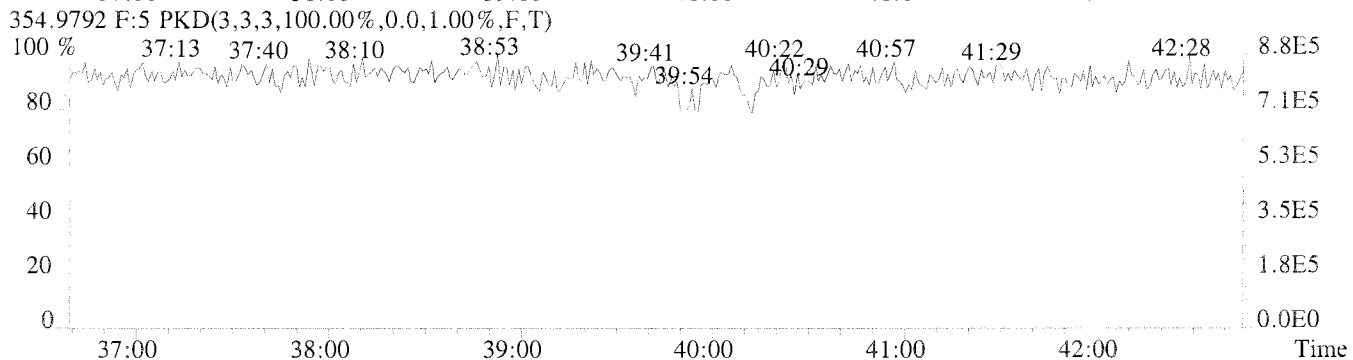
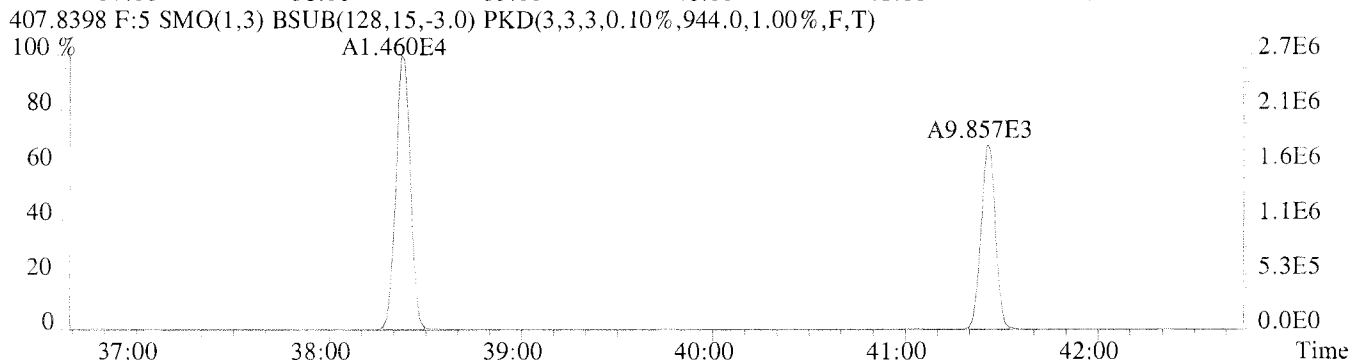
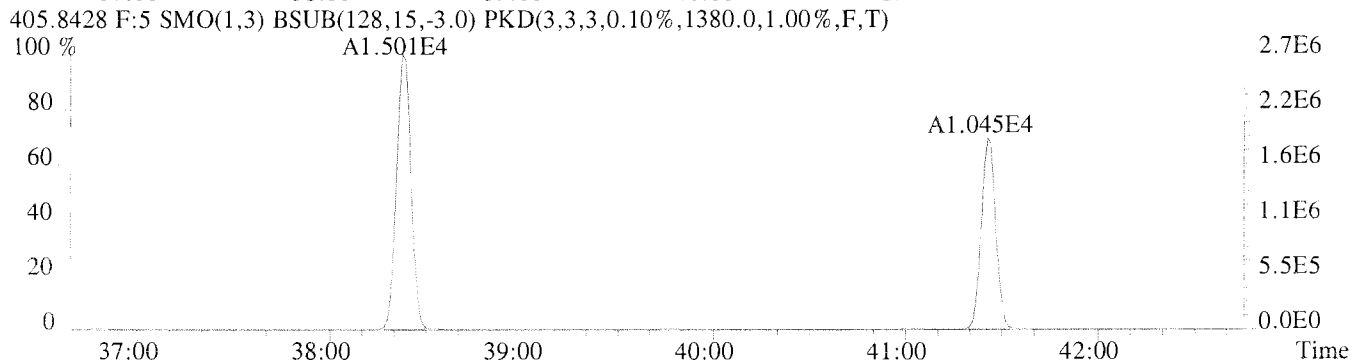
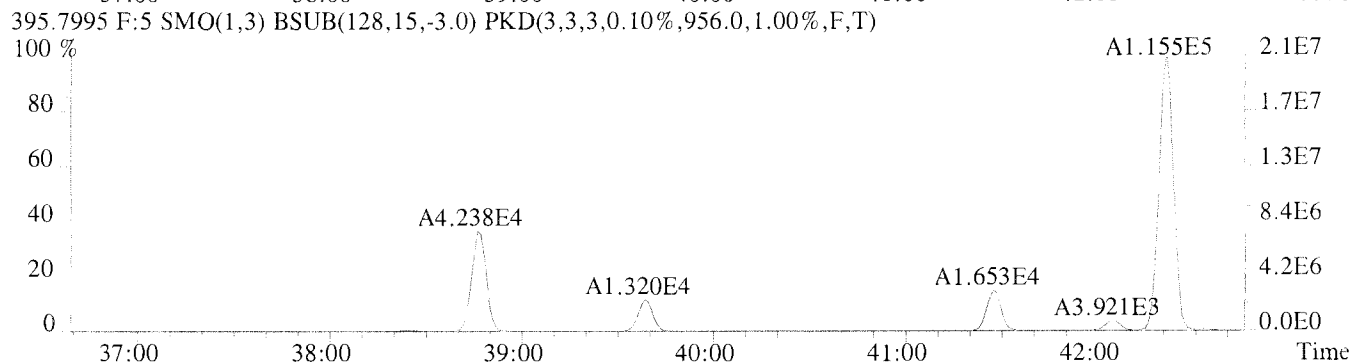
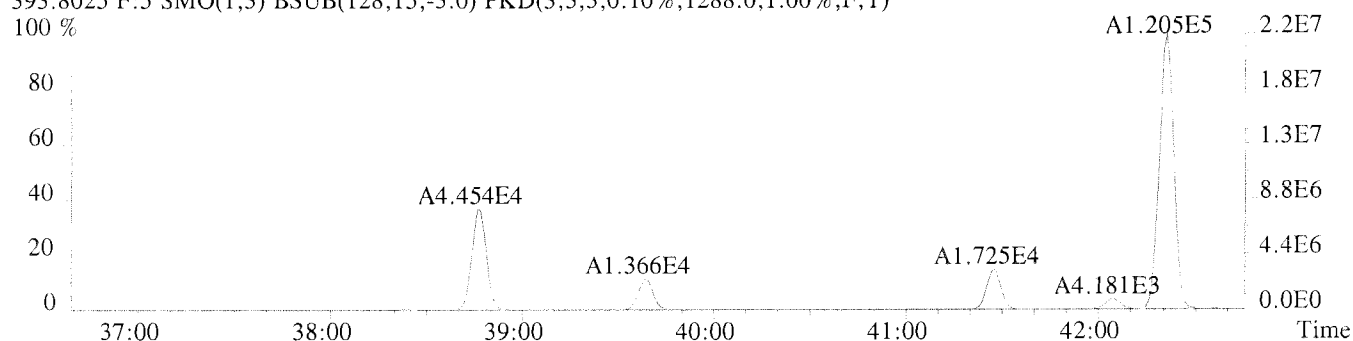
373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2368.0,1.00%,F,T)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



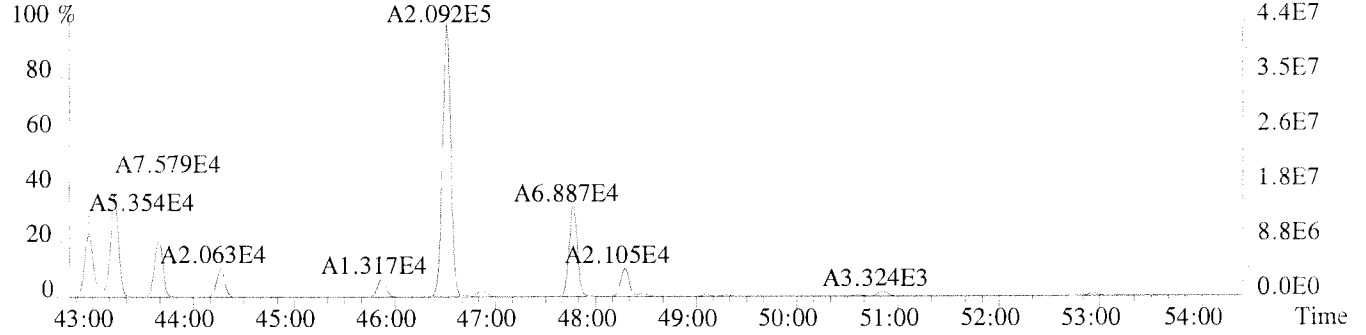
File:U224772 #1-391 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017 USENE/W062
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1288.0,1.00%,F,T)
100 %



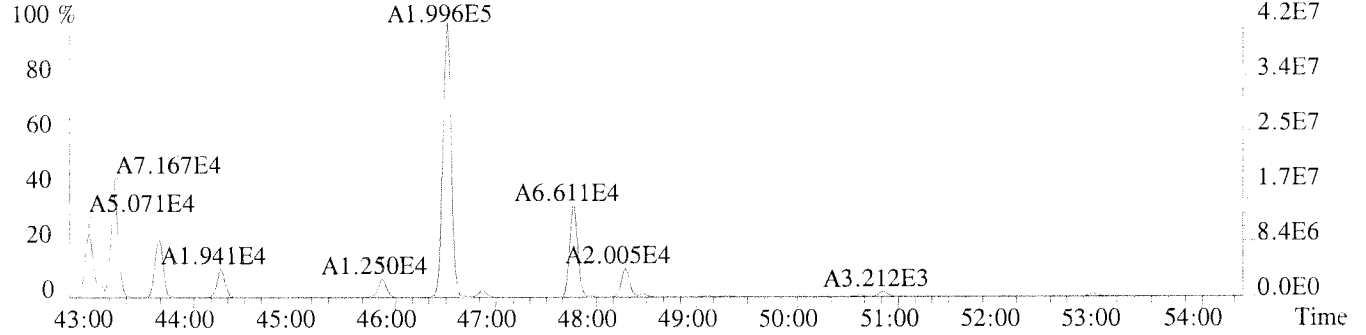
File:U224772 #1-577 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017 USENE/W062

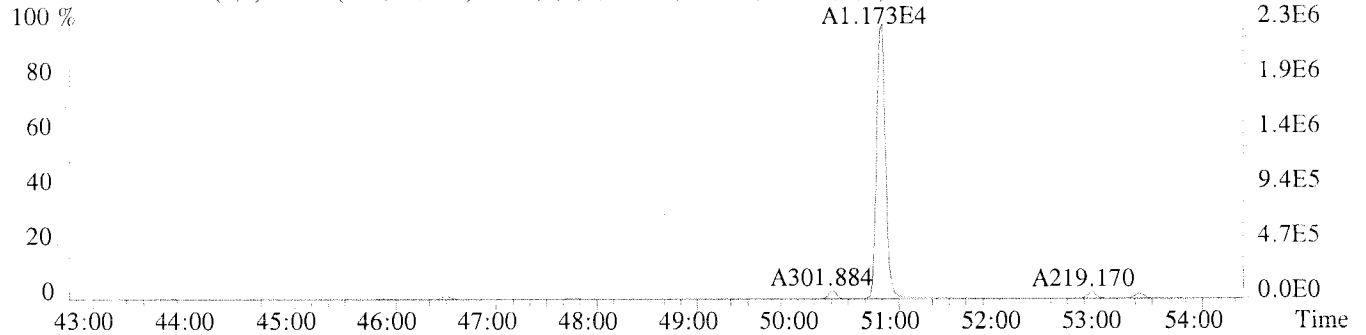
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,20616.0,1.00%,F,T)



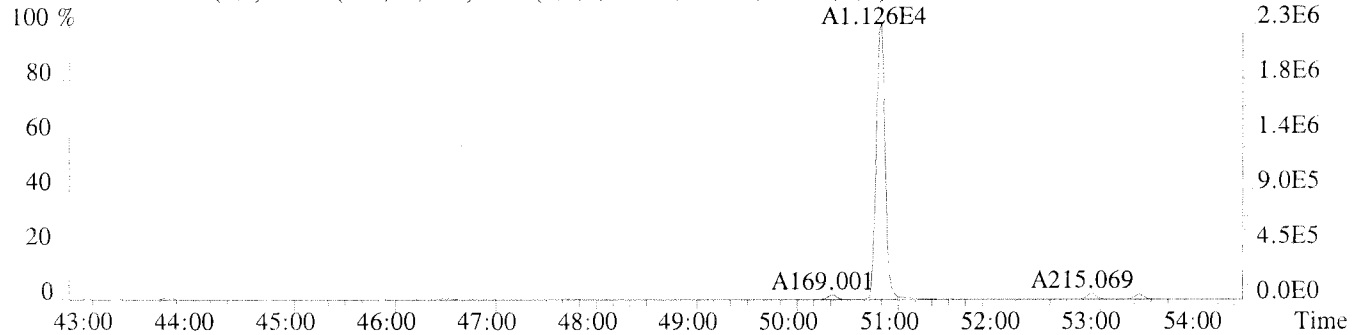
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13844.0,1.00%,F,T)



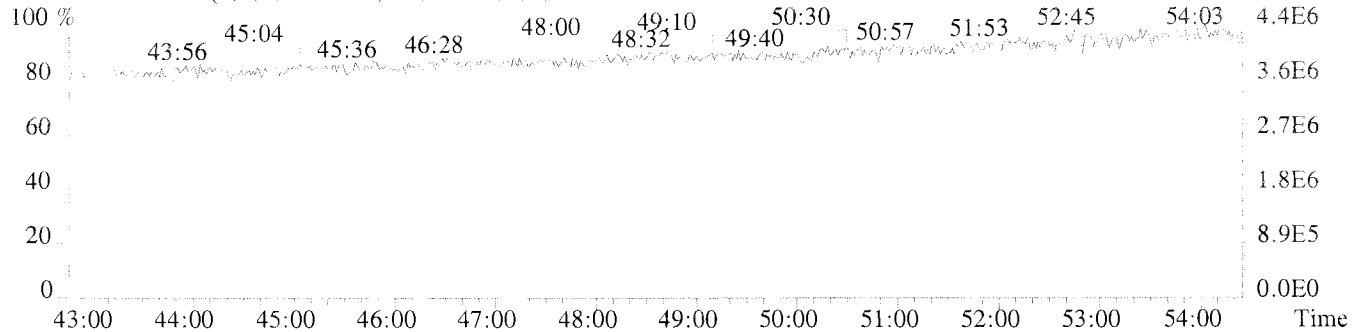
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1072.0,1.00%,F,T)



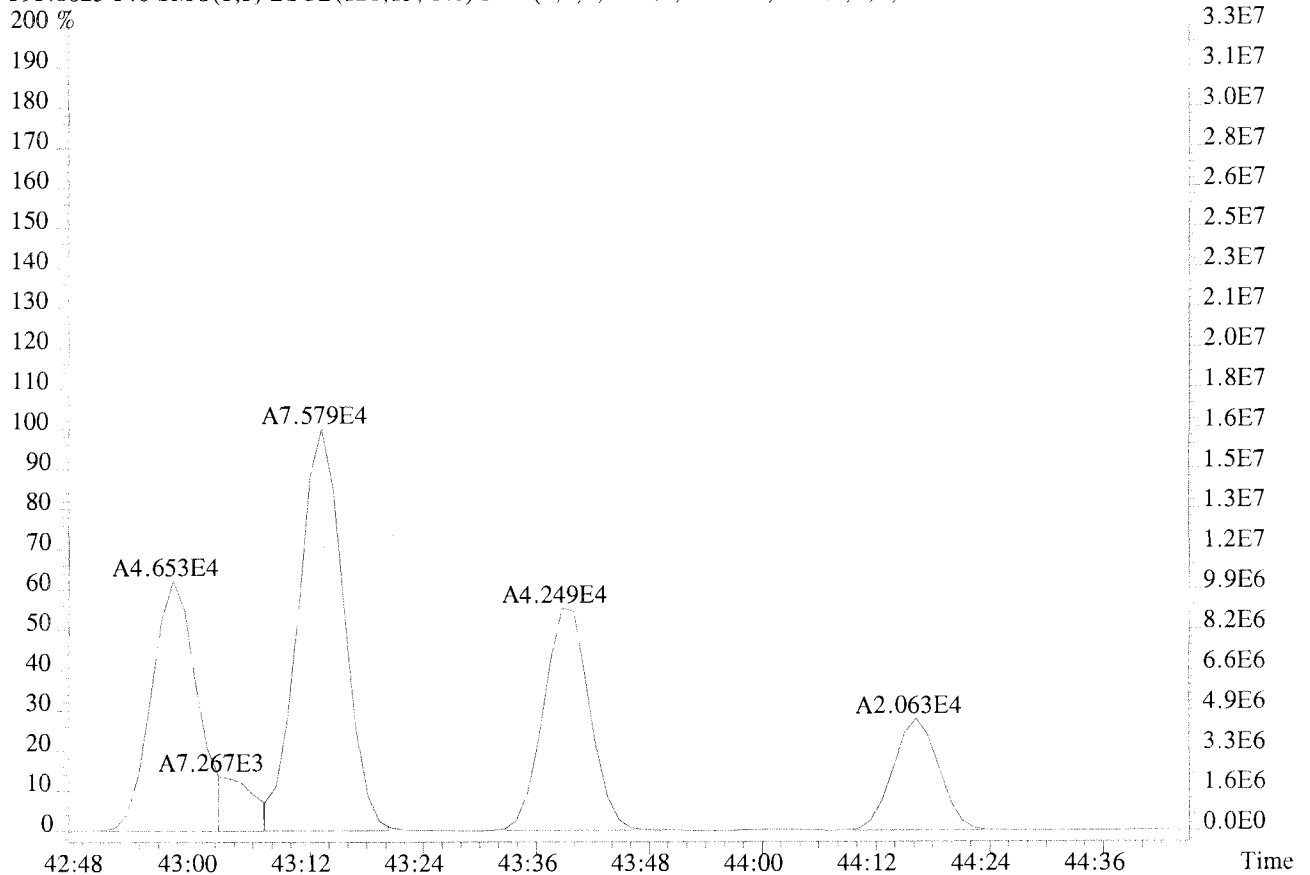
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1284.0,1.00%,F,T)



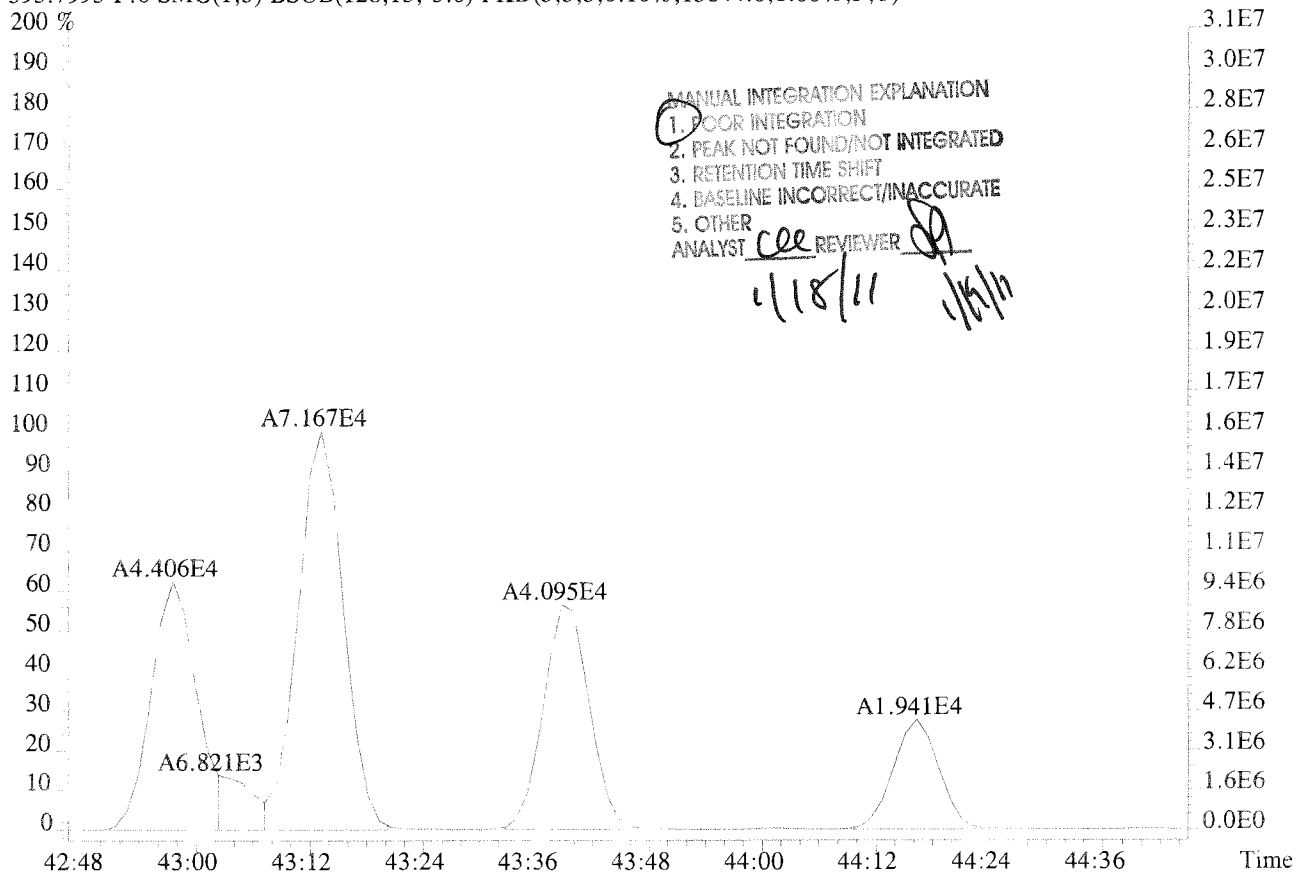
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



File:U224772 #1-577 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:K1013433-017 USENE/W062
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,20616.0,1.00%,F,T)

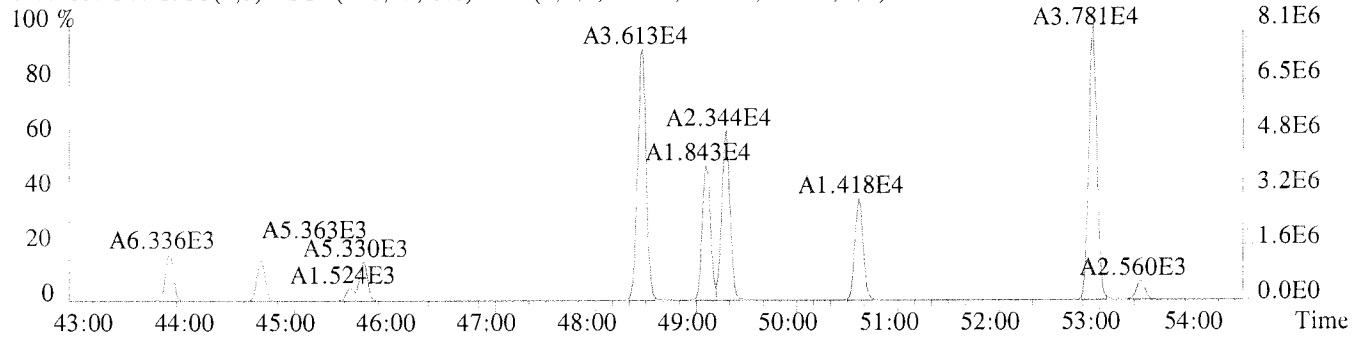


395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13844.0,1.00%,F,T)

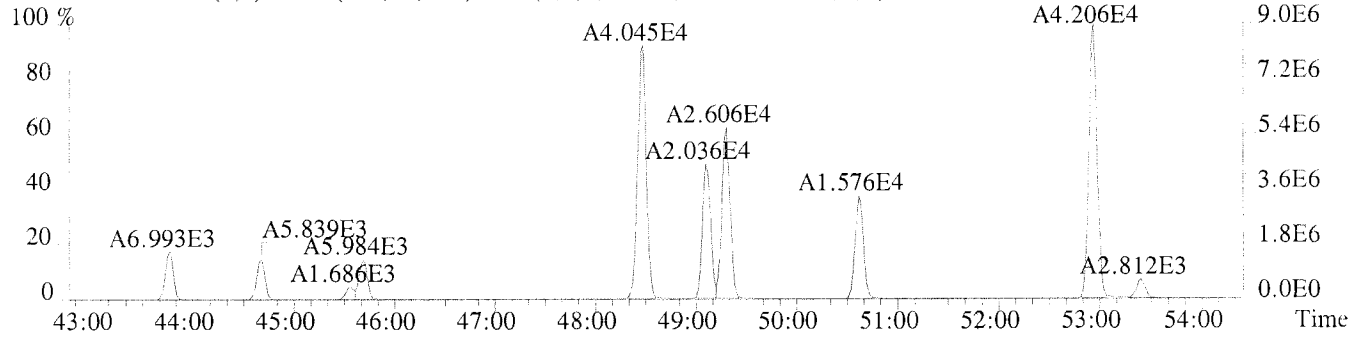


File:U224772 #1-577 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017 USENE/W062

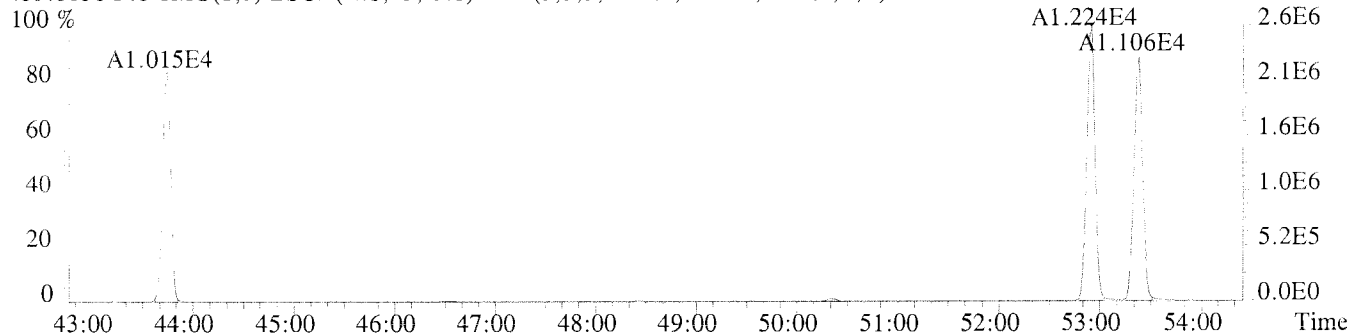
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1472.0,1.00%,F,T)



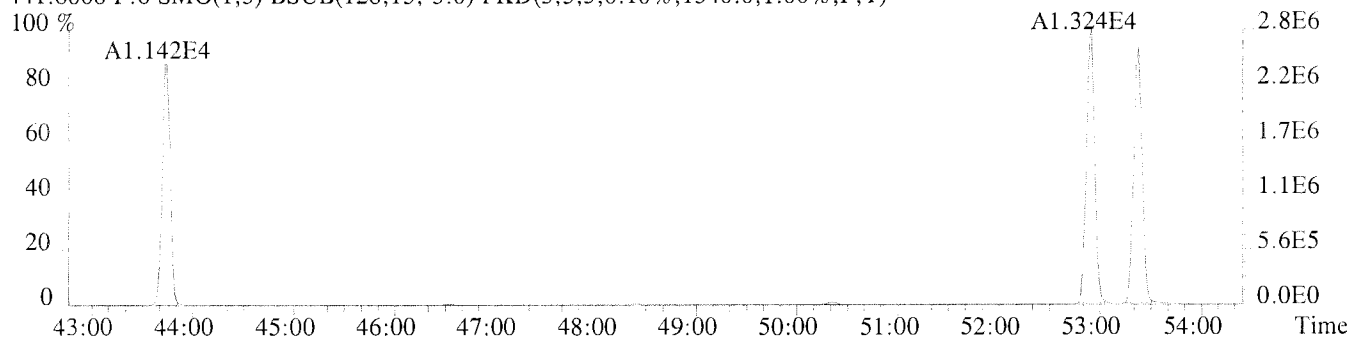
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1200.0,1.00%,F,T)



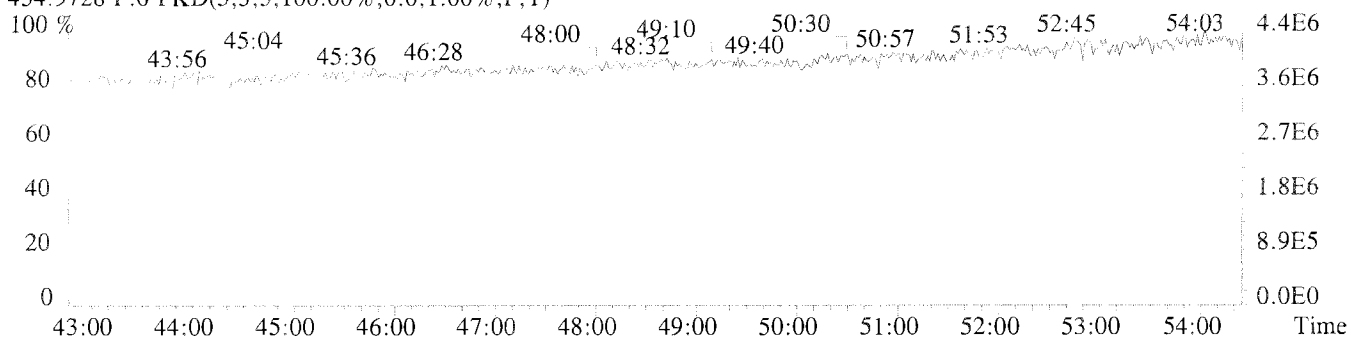
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1340.0,1.00%,F,T)

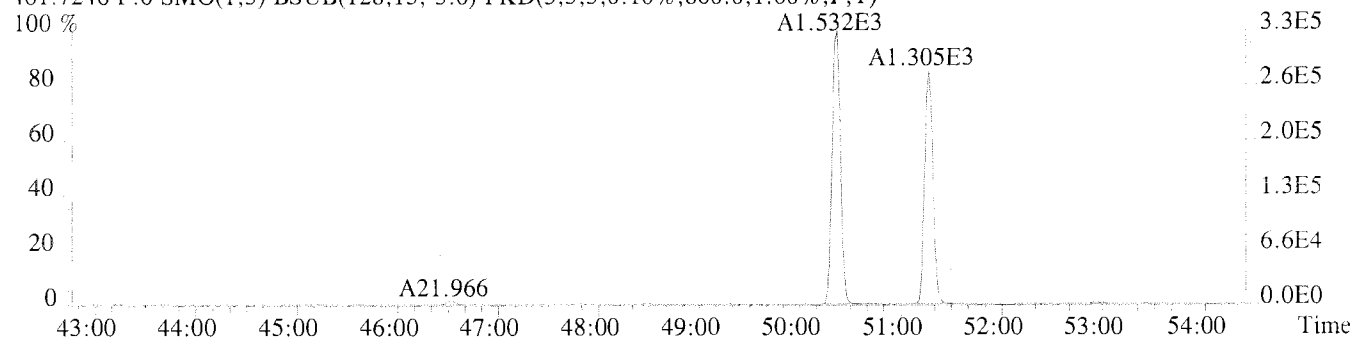


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

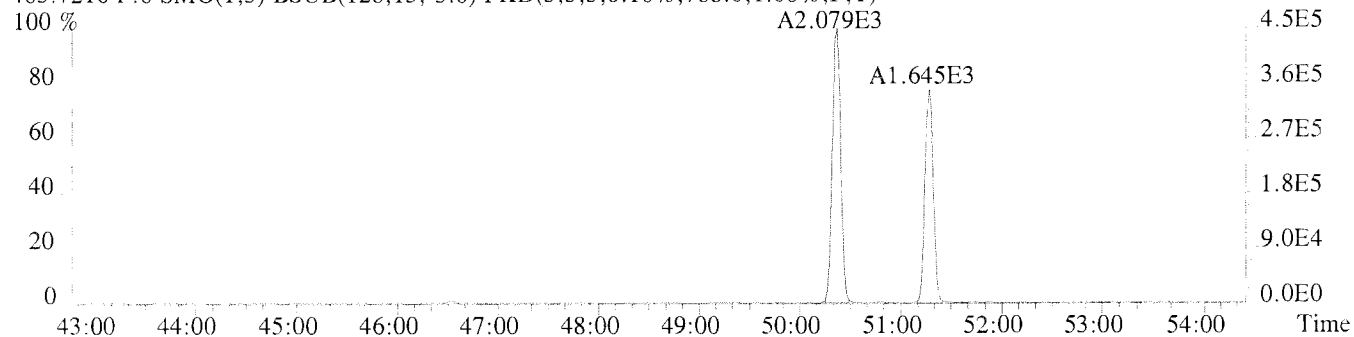


Sample#1 Exp:K1013433-017 USENE/W062

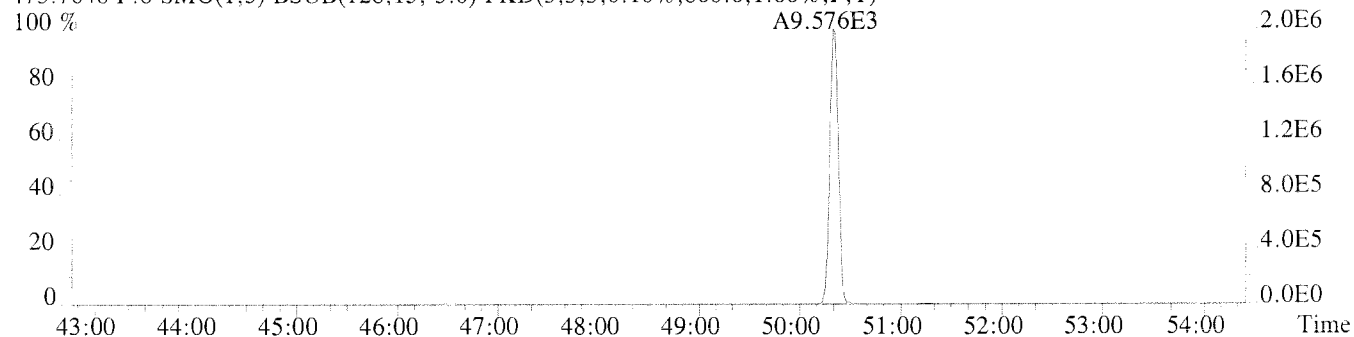
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,860.0,1.00%,F,T)



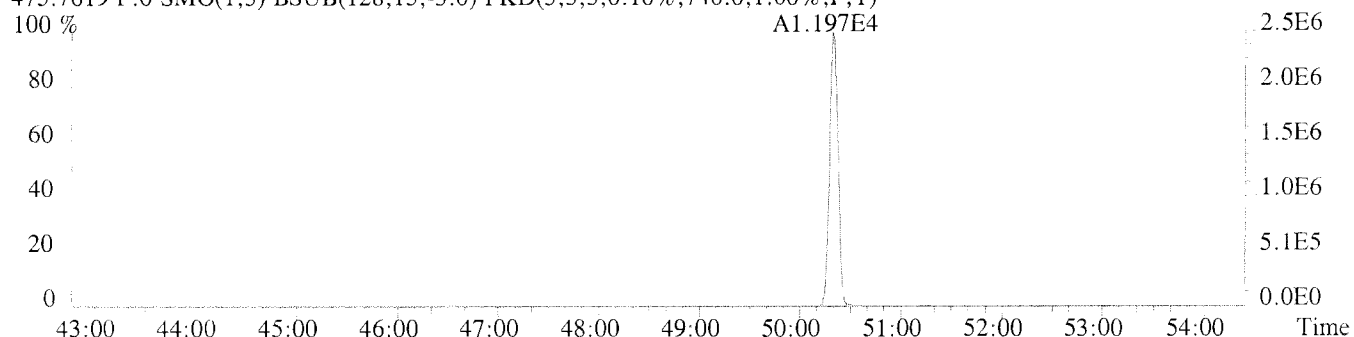
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,788.0,1.00%,F,T)



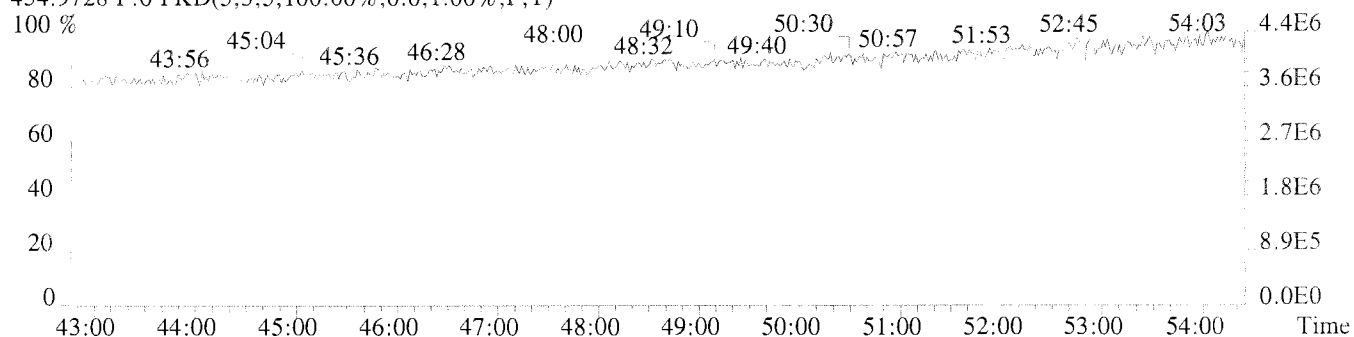
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,800.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,740.0,1.00%,F,T)



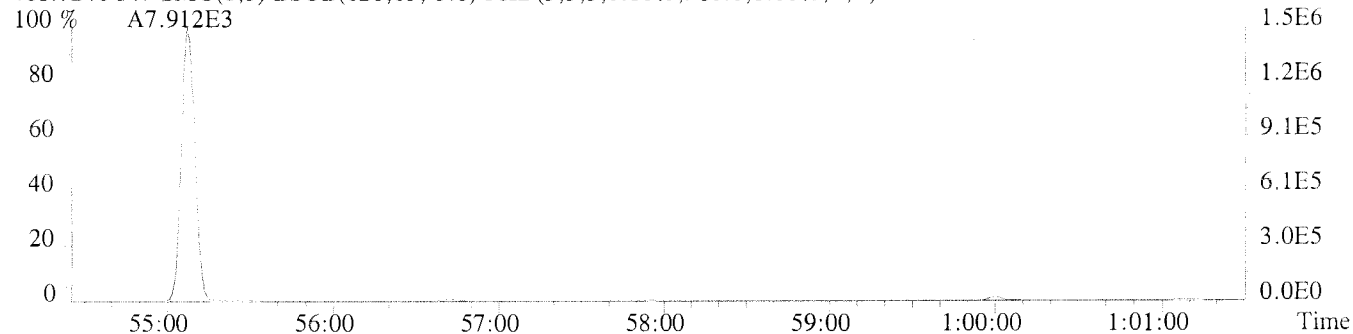
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



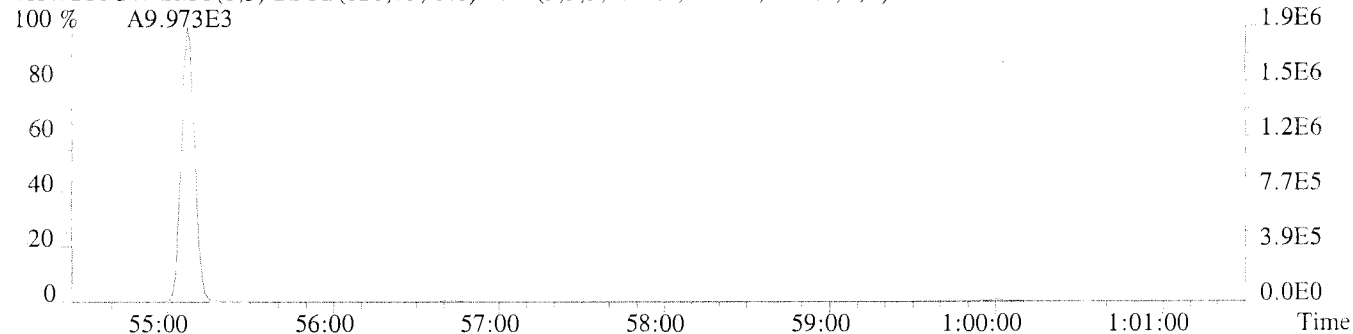
File:U224772 #1-400 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017 USENE/W062

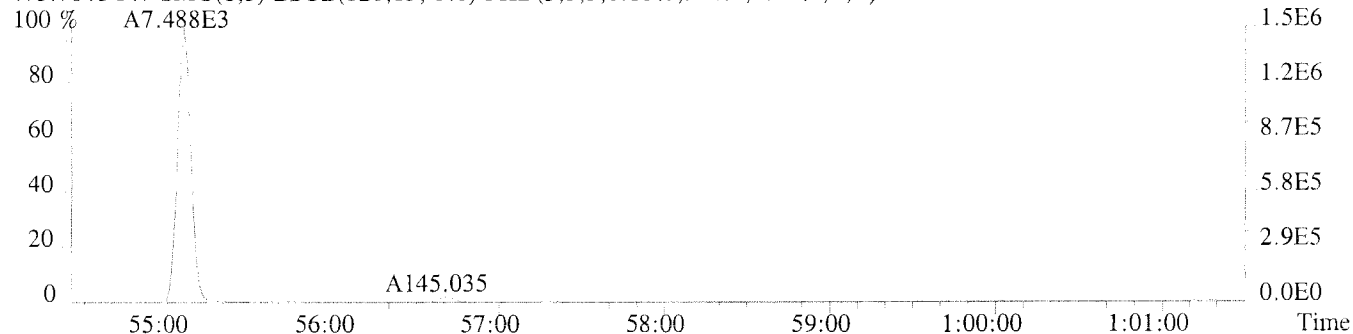
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,960.0,1.00%,F,T)



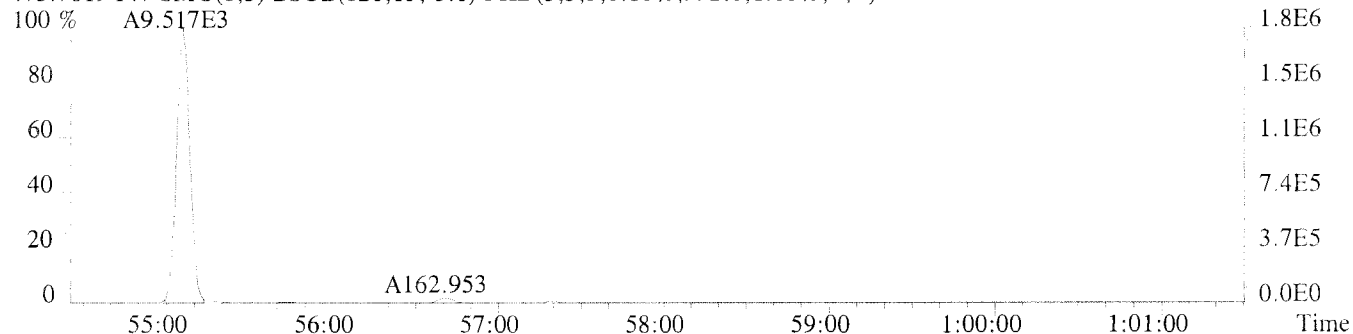
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1368.0,1.00%,F,T)



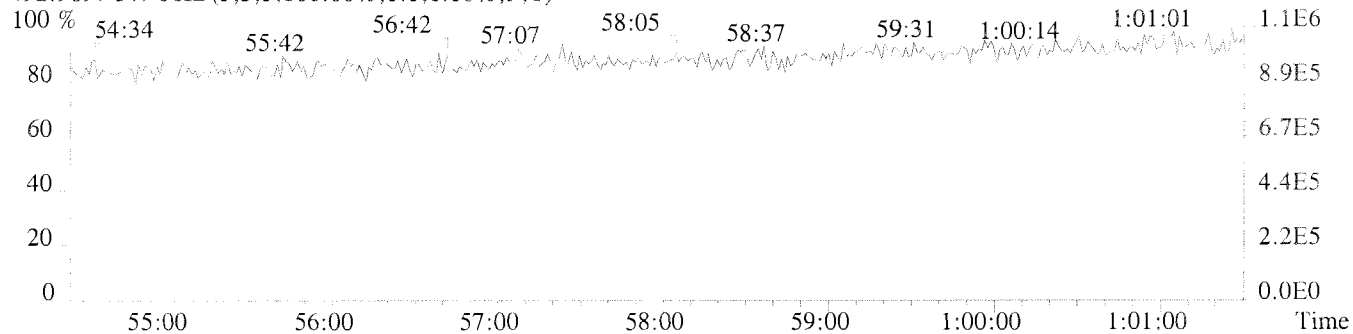
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,944.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,992.0,1.00%,F,T)

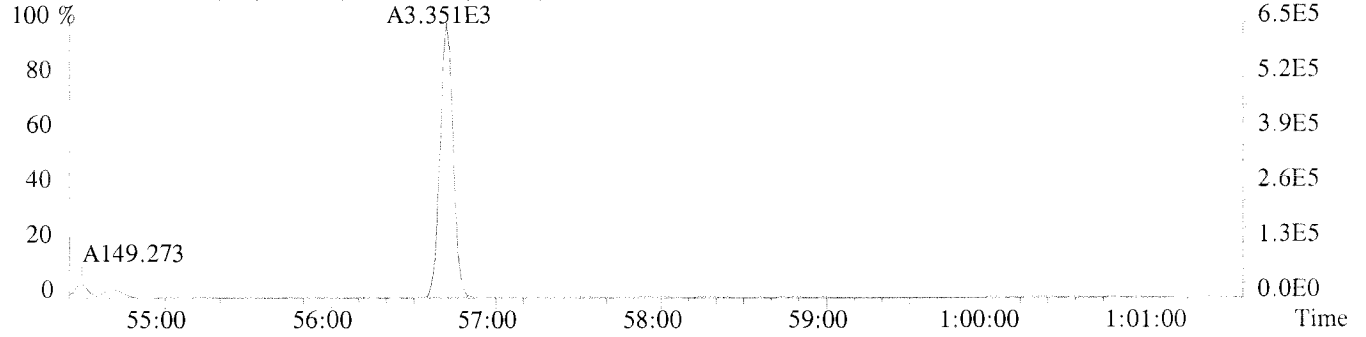


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

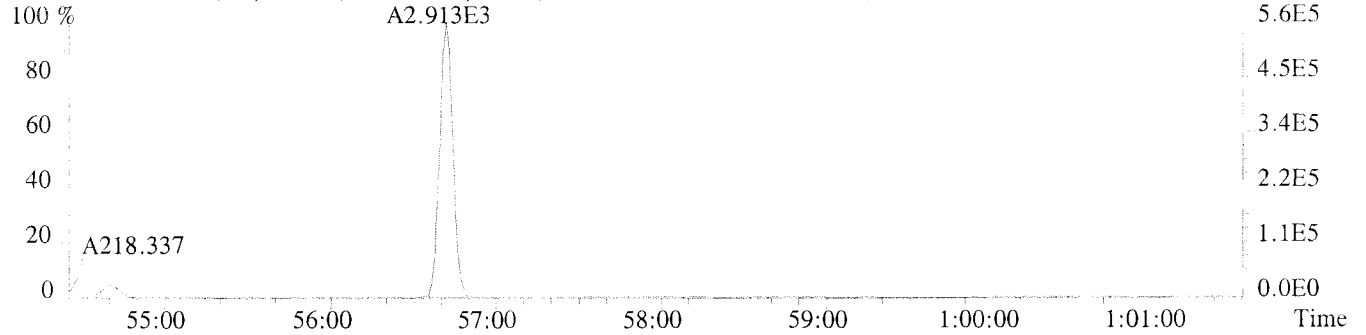


File:U224772 #1-400 Acq:17-JAN-2011 11:14:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017 USENE/W062

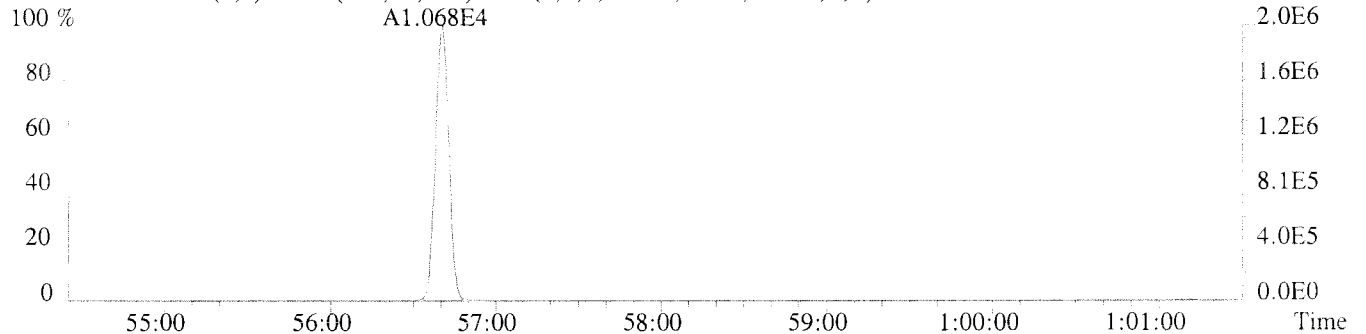
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1020.0,1.00%,F,T)



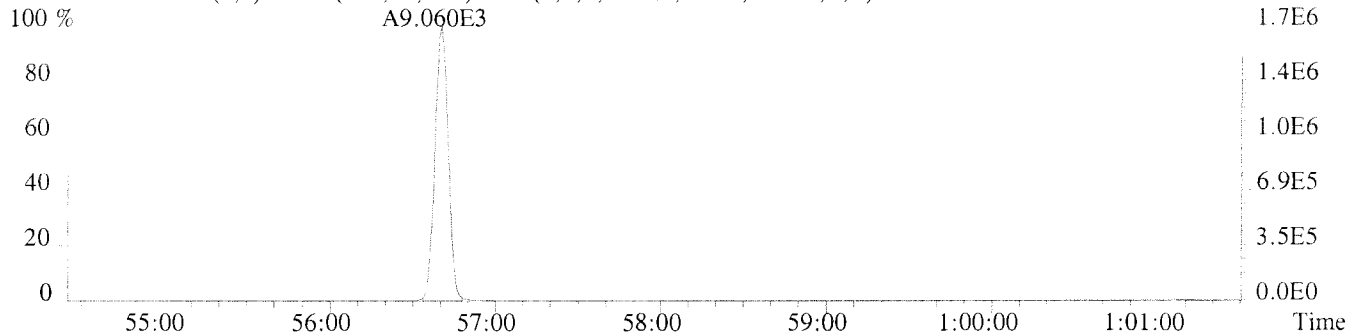
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,988.0,1.00%,F,T)



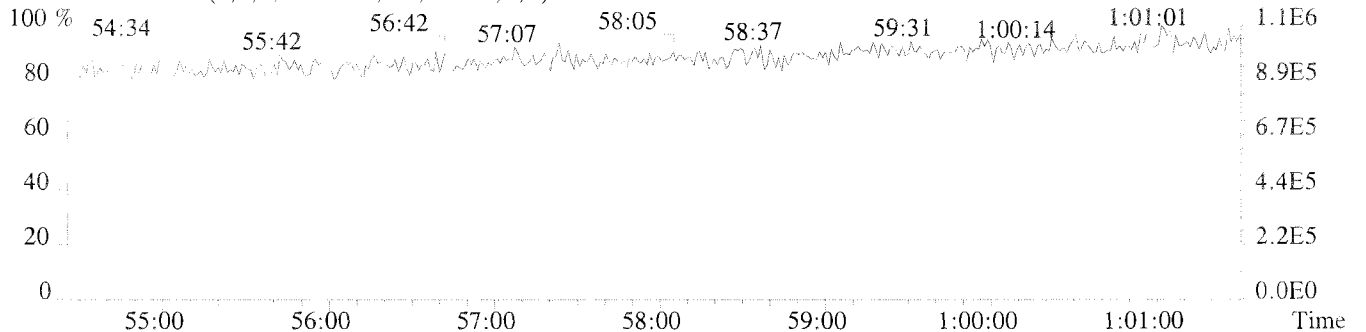
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,820.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,896.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
USEN-E/W-06-2

Run #15 Filename U224776
Processed: 18-JAN-11 15:46:10

Samp: 1 Inj: 1 Acquired: 17-JAN-11 16:00:57
Sample ID: K1013433-017DL

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet	Mod?	RRF
1	1	PCB-1	NotFnd	*	*	*	n n	1.0617
2	1	PCB-2	NotFnd	*	*	*	n n	1.0541
3	1	PCB-3	NotFnd	*	*	*	n n	1.0567
4	1	PCB-4	NotFnd	*	*	*	n n	0.9523
5	1	PCB-10	NotFnd	*	*	*	n n	1.3162
6	2	PCB-9	NotFnd	*	*	*	n n	1.0344
7	2	PCB-7	NotFnd	*	*	*	n n	1.0421
8	2	PCB-6	NotFnd	*	*	*	n n	1.0675
9	2	PCB-5	NotFnd	*	*	*	n n	0.8980
10	2	PCB-8	NotFnd	*	*	*	n n	1.1352
11	2	PCB-14	NotFnd	*	*	*	n n	1.0687
12	2	PCB-11	NotFnd	*	*	*	n n	1.0812
13	2	PCB-12/13	NotFnd	*	*	*	n n	1.0148
14	2	PCB-15	NotFnd	*	*	*	n n	0.9734
15	2	PCB-19	NotFnd	*	*	*	n n	1.0211
16	2	PCB-18/30	NotFnd	*	*	*	n n	0.9107
17	2	PCB-17	NotFnd	*	*	*	n n	0.7931
18	2	PCB-27	NotFnd	*	*	*	n n	1.1075
19	2	PCB-24	NotFnd	*	*	*	n n	0.9951
20	2	PCB-16	NotFnd	*	*	*	n n	0.6247
21	2	PCB-32	NotFnd	*	*	*	n n	1.1794
22	3	PCB-34	NotFnd	*	*	*	n n	1.3548
23	3	PCB-23	NotFnd	*	*	*	n n	1.2463
24	3	PCB-26/29	NotFnd	*	*	*	n n	1.3970
25	3	PCB-25	NotFnd	*	*	*	n n	1.5757
26	3	PCB-31	NotFnd	*	*	*	n n	1.4606
27	3	PCB-20/28	NotFnd	*	*	*	n n	1.2810
28	3	PCB-21/33	NotFnd	*	*	*	n n	1.4332
29	3	PCB-22	NotFnd	*	*	*	n n	1.2503
30	3	PCB-36	NotFnd	*	*	*	n n	1.4020
31	3	PCB-39	NotFnd	*	*	*	n n	1.4099
32	3	PCB-38	NotFnd	*	*	*	n n	1.3785
33	3	PCB-35	NotFnd	*	*	*	n n	1.3415
34	3	PCB-37	NotFnd	*	*	*	n n	1.0819
35	2	PCB-54	NotFnd	*	*	*	n n	0.9626
36	3	PCB-50/53	NotFnd	*	*	*	n n	0.7750
37	3	PCB-45/51	NotFnd	*	*	*	n n	0.7550
38	3	PCB-46	NotFnd	*	*	*	n n	0.6764
39	3	PCB-52	NotFnd	*	*	*	n n	0.8241
40	3	PCB-43/73	NotFnd	*	*	*	n n	0.8236
41	3	PCB-49/69	NotFnd	*	*	*	n n	0.9327
42	3	PCB-48	NotFnd	*	*	*	n n	0.7552
43	3	PCB-44/47/65	NotFnd	*	*	*	n n	0.8575
44	3	PCB-59/62/75	NotFnd	*	*	*	n n	1.0336
45	3	PCB-42	NotFnd	*	*	*	n n	0.7598
46	3	PCB-40/41/71	NotFnd	*	*	*	n n	0.7753
47	3	PCB-64	NotFnd	*	*	*	n n	1.1120
48	3	PCB-72	NotFnd	*	*	*	n n	1.1115
49	3	PCB-68	NotFnd	*	*	*	n n	1.0471
50	3	PCB-57	NotFnd	*	*	*	n n	1.0514

51	3	PCB-58	NotFnd	*	*	*	n	n	1.0107
52	3	PCB-67	NotFnd	*	*	*	n	n	1.2004
53	3	PCB-63	NotFnd	*	*	*	n	n	1.1198
54	3	PCB-61/70/74/76	NotFnd	*	*	*	n	n	1.0667
55	3	PCB-66	NotFnd	*	*	*	n	n	1.1266
56	3	PCB-55	NotFnd	*	*	*	n	n	0.9457
57	4	PCB-56	NotFnd	*	*	*	n	n	1.0666
58	4	PCB-60	NotFnd	*	*	*	n	n	1.0281
59	4	PCB-80	NotFnd	*	*	*	n	n	1.2345
60	4	PCB-79	NotFnd	*	*	*	n	n	1.1765
61	4	PCB-78	NotFnd	*	*	*	n	n	1.0368
62	4	PCB-81	NotFnd	*	*	*	n	n	1.0839
63	4	PCB-77	NotFnd	*	*	*	n	n	1.0368
64	3	PCB-104	NotFnd	*	*	*	n	n	1.0032
65	3	PCB-96	NotFnd	*	*	*	n	n	1.1937
66	3	PCB-103	NotFnd	*	*	*	n	n	0.9923
67	3	PCB-94	NotFnd	*	*	*	n	n	0.7946
68	3	PCB-95	NotFnd	*	*	*	n	n	0.9064
69	3	PCB-93/100	NotFnd	*	*	*	n	n	0.8589
70	3	PCB-98/102	NotFnd	*	*	*	n	n	0.8783
71	3	PCB-88/91	NotFnd	*	*	*	n	n	0.8669
72	3	PCB-84	NotFnd	*	*	*	n	n	0.7832
73	3	PCB-89	NotFnd	*	*	*	n	n	0.8175
74	4	PCB-121	NotFnd	*	*	*	n	n	1.0126
75	4	PCB-92	NotFnd	*	*	*	n	n	0.7078
76	4	PCB-90/101/113	NotFnd	*	*	*	n	n	0.8257
77	4	PCB-83/99	NotFnd	*	*	*	n	n	0.6849
78	4	PCB-112	NotFnd	*	*	*	n	n	0.9768
79	4	PCB-86/87/97/109/119/125	NotFnd	*	*	*	n	n	0.7969
80	4	PCB-117	NotFnd	*	*	*	n	n	0.8378
81	4	PCB-85/116	NotFnd	*	*	*	n	n	0.8627
82	4	PCB-110/115	NotFnd	*	*	*	n	n	0.9154
83	4	PCB-82	NotFnd	*	*	*	n	n	0.6012
84	4	PCB-111	NotFnd	*	*	*	n	n	0.8847
85	4	PCB-120	NotFnd	*	*	*	n	n	0.9630
86	5	PCB-108/124	NotFnd	*	*	*	n	n	0.8660
87	5	PCB-107	NotFnd	*	*	*	n	n	0.9679
88	5	PCB-123	NotFnd	*	*	*	n	n	1.0758
89	5	PCB-106	NotFnd	*	*	*	n	n	0.9401
90	5	PCB-118	NotFnd	*	*	*	n	n	1.1029
91	5	PCB-122	NotFnd	*	*	*	n	n	0.8099
92	5	PCB-114	NotFnd	*	*	*	n	n	1.0787
93	5	PCB-105	NotFnd	*	*	*	n	n	1.0593
94	5	PCB-127	NotFnd	*	*	*	n	n	0.8305
95	5	PCB-126	NotFnd	*	*	*	n	n	1.0408
96	4	PCB-155	NotFnd	*	*	*	n	n	0.9771
97	4	PCB-152	NotFnd	*	*	*	n	n	1.8526
98	4	PCB-150	NotFnd	*	*	*	n	n	1.6823
99	4	PCB-136	NotFnd	*	*	*	n	n	1.7659
100	4	PCB-145	NotFnd	*	*	*	n	n	1.6039
101	4	PCB-148	NotFnd	*	*	*	n	n	1.2761
102	4	PCB-135/151	NotFnd	*	*	*	n	n	1.1786
103	4	PCB-154	NotFnd	*	*	*	n	n	1.4069
104	4	PCB-144	NotFnd	*	*	*	n	n	1.2596
105	5	PCB-147/149	NotFnd	*	*	*	n	n	0.9913
106	5	PCB-134	NotFnd	*	*	*	n	n	0.8134
107	5	PCB-143	NotFnd	*	*	*	n	n	0.9599

108	5	PCB-139/140	NotFnd	*	*	*	n	n	0.9649
109	5	PCB-131	NotFnd	*	*	*	n	n	0.8720
110	5	PCB-142	NotFnd	*	*	*	n	n	0.8537
111	5	PCB-132	NotFnd	*	*	*	n	n	0.7901
112	5	PCB-133	NotFnd	*	*	*	n	n	0.8551
113	5	PCB-165	NotFnd	*	*	*	n	n	1.0611
114	5	PCB-146	NotFnd	*	*	*	n	n	1.0650
115	5	PCB-161	NotFnd	*	*	*	n	n	1.1902
116	5	PCB-153/168	NotFnd	*	*	*	n	n	1.1032
117	5	PCB-141	NotFnd	*	*	*	n	n	0.9068
118	5	PCB-130	NotFnd	*	*	*	n	n	0.7682
119	5	PCB-137	NotFnd	*	*	*	n	n	0.8033
120	5	PCB-164	NotFnd	*	*	*	n	n	1.1581
121	5	PCB-129/138/163	NotFnd	*	*	*	n	n	0.8763
122	5	PCB-160	NotFnd	*	*	*	n	n	1.1495
123	5	PCB-158	NotFnd	*	*	*	n	n	1.2203
124	5	PCB-128/166	NotFnd	*	*	*	n	n	1.0052
125	6	PCB-159	NotFnd	*	*	*	n	n	0.8692
126	6	PCB-162	NotFnd	*	*	*	n	n	0.8306
127	6	PCB-167	NotFnd	*	*	*	n	n	1.0299
128	6	PCB-156/157	NotFnd	*	*	*	n	n	1.0644
129	6	PCB-169	NotFnd	*	*	*	n	n	1.0362
130	5	PCB-188	NotFnd	*	*	*	n	n	0.9497
131	5	PCB-179	NotFnd	*	*	*	n	n	1.3157
132	5	PCB-184	NotFnd	*	*	*	n	n	1.2794
133	5	PCB-176	NotFnd	*	*	*	n	n	1.2918
134	5	PCB-186	NotFnd	*	*	*	n	n	1.1683
135	5	PCB-178	NotFnd	*	*	*	n	n	0.8355
136	5	PCB-175	NotFnd	*	*	*	n	n	0.8746
137	5	PCB-187	NotFnd	*	*	*	n	n	1.0732
138	5	PCB-182	NotFnd	*	*	*	n	n	0.9007
139	6	PCB-183	NotFnd	*	*	*	n	y	0.6169
140	6	PCB-185	NotFnd	*	*	*	n	n	0.4962
141	6	PCB-174	NotFnd	*	*	*	n	y	0.5560
142	6	PCB-177	NotFnd	*	*	*	n	y	0.5174
143	6	PCB-181	NotFnd	*	*	*	n	n	0.5073
144	6	PCB-171/173	NotFnd	*	*	*	n	y	0.4833
145	6	PCB-172	NotFnd	*	*	*	n	y	0.4330
146	6	PCB-192	NotFnd	*	*	*	n	n	0.5186
147	6	PCB-180/193	46:30	8.460e+03	8.415e+03	1.01	y	n	0.5218
148	6	PCB-191	NotFnd	*	*	*	n	y	0.5440
149	6	PCB-170	NotFnd	*	*	*	n	y	0.3735
150	6	PCB-190	NotFnd	*	*	*	n	y	0.5257
151	6	PCB-189	NotFnd	*	*	*	n	y	0.9118
152	6	PCB-202	NotFnd	*	*	*	n	n	0.8687
153	6	PCB-201	NotFnd	*	*	*	n	n	1.0343
154	6	PCB-204	NotFnd	*	*	*	n	n	0.9888
155	6	PCB-197	NotFnd	*	*	*	n	n	0.9692
156	6	PCB-200	NotFnd	*	*	*	n	n	1.0198
157	6	PCB-198/199	NotFnd	*	*	*	n	n	0.5581
158	6	PCB-196	NotFnd	*	*	*	n	n	0.5876
159	6	PCB-203	NotFnd	*	*	*	n	n	0.5816
160	6	PCB-195	NotFnd	*	*	*	n	n	0.5191
161	6	PCB-194	NotFnd	*	*	*	n	n	0.4975
162	6	PCB-205	NotFnd	*	*	*	n	n	0.9331
163	6	PCB-208	NotFnd	*	*	*	n	n	0.9147
164	6	PCB-207	NotFnd	*	*	*	n	n	1.1351

165	7	PCB-206	NotFnd	*	*	*	n n	0.9373
166	7	PCB-209	NotFnd	*	*	*	n n	0.9245
167	1	PCB-1L	12:56	2.110e+04	6.653e+03	3.17	y n	1.1278
168	1	PCB-3L	15:07	2.095e+04	6.668e+03	3.14	y n	1.1560
169	1	PCB-4L	15:22	1.245e+04	8.164e+03	1.52	y n	0.8995
170	2	PCB-15L	21:18	1.579e+04	9.764e+03	1.62	y n	1.0207
171	2	PCB-19L	18:30	6.939e+03	6.930e+03	1.00	y n	0.6111
172	3	PCB-37L	28:19	1.310e+04	1.253e+04	1.05	y n	1.3160
173	2	PCB-54L	21:35	9.966e+03	1.287e+04	0.77	y n	1.2721
174	4	PCB-81L	35:02	7.545e+03	1.009e+04	0.75	y n	1.0738
175	4	PCB-77L	35:36	7.720e+03	1.000e+04	0.77	y n	1.0702
176	3	PCB-104L	27:03	1.414e+04	9.087e+03	1.56	y n	1.4912
177	5	PCB-123L	37:33	1.005e+04	6.377e+03	1.58	y n	1.1778
178	5	PCB-118L	37:53	1.090e+04	6.885e+03	1.58	y n	1.2110
179	5	PCB-114L	38:24	1.037e+04	6.526e+03	1.59	y n	1.1896
180	5	PCB-105L	39:04	1.084e+04	6.481e+03	1.67	y n	1.1605
181	5	PCB-126L	42:08	1.122e+04	7.017e+03	1.60	y n	1.0617
182	4	PCB-155L	32:40	1.264e+04	1.007e+04	1.25	y n	1.6959
183	6	PCB-167L	43:57	7.383e+03	5.894e+03	1.25	y n	1.0133
184	6	PCB-156/157L	45:07	1.470e+04	1.124e+04	1.31	y n	0.9268
185	6	PCB-169L	48:20	6.899e+03	5.432e+03	1.27	y n	0.8322
186	5	PCB-188L	38:22	8.871e+03	8.463e+03	1.05	y n	2.6945
187	6	PCB-189L	50:49	5.893e+03	5.596e+03	1.05	y n	1.4447
188	6	PCB-202L	43:42	5.703e+03	6.435e+03	0.89	y n	1.8164
189	6	PCB-205L	53:22	5.525e+03	5.949e+03	0.93	y n	1.2914
190	6	PCB-208L	50:20	5.092e+03	6.386e+03	0.80	y n	1.4411
191	7	PCB-206L	55:06	3.796e+03	4.991e+03	0.76	y n	1.0999
192	7	PCB-209L	56:40	5.618e+03	4.853e+03	1.16	y n	1.5058
193	3	PCB-28L	24:18	9.363e+02	1.028e+03	0.91	y n	1.5006
194	4	PCB-111L	35:35	7.012e+02	4.756e+02	1.47	y n	1.2093
195	5	PCB-178L	41:25	4.686e+02	4.318e+02	1.09	y n	1.2813
196	2	PCB-9L	17:21	1.607e+04	1.012e+04	1.59	y n	-
197	3	PCB-52L	26:07	8.024e+03	1.011e+04	0.79	y n	-
198	4	PCB-101L	32:56	9.380e+03	6.036e+03	1.55	y n	-
199	5	PCB-138L	40:57	8.740e+03	6.865e+03	1.27	y n	-
200	6	PCB-194L	52:54	4.039e+03	4.579e+03	0.88	y n	-

$$\frac{(9.00e+02 + 1.24e+03) \times 10000 \text{ PS} \times 2.5 \times 10}{(1.09e+06 + 9.30e+05) \times 5.3455 \times 0.9245 \times 0.488} = 112 \text{ ng / kg}$$

$$\frac{(8.46e+03 + 8.415e+03) \times 10000 \text{ PS} \times 20}{(8.87e+03 + 8.46e+03) \times 5.3455 \times 0.528 \times 0.154} = 77748 \text{ ng / kg}$$

PCB 209 EDL
PCB 180/193
1/19/11
SP

Columbia Analytical Services, Inc.
 19408 Park Row, Suite 320
 Houston, TX 77084
 Office (713) 266-1599. Fax (713) 266-0130

sp166resp
 02/2009

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
USEN-E/W-06-2

Run #15 Filename U224776#1 Samp: 1 Inj: 1 Acquired: 17-JAN-11 16:00:57

Processed: 18-JAN-11 15:46:10 LAB. ID: K1013433-017DL

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	*	2.14e+03	*	*	1.88e+03	*
2	PCB-2	*	2.14e+03	*	*	1.88e+03	*
3	PCB-3	*	2.14e+03	*	*	1.88e+03	*
4	PCB-4	*	2.41e+03	*	*	1.22e+04	*
5	PCB-10	*	2.41e+03	*	*	1.22e+04	*
6	PCB-9	*	3.07e+03	*	*	1.01e+04	*
7	PCB-7	*	3.07e+03	*	*	1.01e+04	*
8	PCB-6	*	3.07e+03	*	*	1.01e+04	*
9	PCB-5	*	3.07e+03	*	*	1.01e+04	*
10	PCB-8	*	3.07e+03	*	*	1.01e+04	*
11	PCB-14	*	3.07e+03	*	*	1.01e+04	*
12	PCB-11	*	3.07e+03	*	*	1.01e+04	*
13	PCB-12/13	*	3.07e+03	*	*	1.01e+04	*
14	PCB-15	*	3.07e+03	*	*	1.01e+04	*
15	PCB-19	*	2.18e+03	*	*	1.82e+03	*
16	PCB-18/30	*	2.18e+03	*	*	1.82e+03	*
17	PCB-17	*	2.18e+03	*	*	1.82e+03	*
18	PCB-27	*	2.18e+03	*	*	1.82e+03	*
19	PCB-24	*	2.18e+03	*	*	1.82e+03	*
20	PCB-16	*	2.18e+03	*	*	1.82e+03	*
21	PCB-32	*	2.18e+03	*	*	1.82e+03	*
22	PCB-34	*	3.50e+03	*	*	3.01e+03	*
23	PCB-23	*	3.50e+03	*	*	3.01e+03	*
24	PCB-26/29	*	3.50e+03	*	*	3.01e+03	*
25	PCB-25	*	3.50e+03	*	*	3.01e+03	*
26	PCB-31	*	3.50e+03	*	*	3.01e+03	*
27	PCB-20/28	*	3.50e+03	*	*	3.01e+03	*
28	PCB-21/33	*	3.50e+03	*	*	3.01e+03	*
29	PCB-22	*	3.50e+03	*	*	3.01e+03	*
30	PCB-36	*	3.50e+03	*	*	3.01e+03	*
31	PCB-39	*	3.50e+03	*	*	3.01e+03	*
32	PCB-38	*	3.50e+03	*	*	3.01e+03	*
33	PCB-35	*	3.50e+03	*	*	3.01e+03	*
34	PCB-37	*	3.50e+03	*	*	3.01e+03	*
35	PCB-54	*	1.31e+03	*	*	1.32e+03	*
36	PCB-50/53	*	1.28e+03	*	*	1.50e+03	*
37	PCB-45/51	*	1.28e+03	*	*	1.50e+03	*
38	PCB-46	*	1.28e+03	*	*	1.50e+03	*
39	PCB-52	*	1.28e+03	*	*	1.50e+03	*
40	PCB-43/73	*	1.28e+03	*	*	1.50e+03	*
41	PCB-49/69	*	1.28e+03	*	*	1.50e+03	*
42	PCB-48	*	1.28e+03	*	*	1.50e+03	*
43	PCB-44/47/65	*	1.28e+03	*	*	1.50e+03	*
44	PCB-59/62/75	*	1.28e+03	*	*	1.50e+03	*
45	PCB-42	*	1.28e+03	*	*	1.50e+03	*
46	PCB-40/41/71	*	1.28e+03	*	*	1.50e+03	*
47	PCB-64	*	1.28e+03	*	*	1.50e+03	*

48	PCB-72	*	1.28e+03	*	*	1.50e+03	*
49	PCB-68	*	1.28e+03	*	*	1.50e+03	*
50	PCB-57	*	1.28e+03	*	*	1.50e+03	*
51	PCB-58	*	1.28e+03	*	*	1.50e+03	*
52	PCB-67	*	1.28e+03	*	*	1.50e+03	*
53	PCB-63	*	1.28e+03	*	*	1.50e+03	*
54	PCB-61/70/74/76	*	1.28e+03	*	*	1.50e+03	*
55	PCB-66	*	1.28e+03	*	*	1.50e+03	*
56	PCB-55	*	1.28e+03	*	*	1.50e+03	*
57	PCB-56	*	1.86e+03	*	*	3.05e+03	*
58	PCB-60	*	1.86e+03	*	*	3.05e+03	*
59	PCB-80	*	1.86e+03	*	*	3.05e+03	*
60	PCB-79	*	1.86e+03	*	*	3.05e+03	*
61	PCB-78	*	1.86e+03	*	*	3.05e+03	*
62	PCB-81	*	1.86e+03	*	*	3.05e+03	*
63	PCB-77	*	1.86e+03	*	*	3.05e+03	*
64	PCB-104	*	1.06e+03	*	*	1.44e+03	*
65	PCB-96	*	1.06e+03	*	*	1.44e+03	*
66	PCB-103	*	1.06e+03	*	*	1.44e+03	*
67	PCB-94	*	1.06e+03	*	*	1.44e+03	*
68	PCB-95	*	1.06e+03	*	*	1.44e+03	*
69	PCB-93/100	*	1.06e+03	*	*	1.44e+03	*
70	PCB-98/102	*	1.06e+03	*	*	1.44e+03	*
71	PCB-88/91	*	1.06e+03	*	*	1.44e+03	*
72	PCB-84	*	1.06e+03	*	*	1.44e+03	*
73	PCB-89	*	1.06e+03	*	*	1.44e+03	*
74	PCB-121	*	2.23e+03	*	*	3.29e+03	*
75	PCB-92	*	2.23e+03	*	*	3.29e+03	*
76	PCB-90/101/113	*	2.23e+03	*	*	3.29e+03	*
77	PCB-83/99	*	2.23e+03	*	*	3.29e+03	*
78	PCB-112	*	2.23e+03	*	*	3.29e+03	*
79	CB-86/87/97/109/119/125	*	2.23e+03	*	*	3.29e+03	*
80	PCB-117	*	2.23e+03	*	*	3.29e+03	*
81	PCB-85/116	*	2.23e+03	*	*	3.29e+03	*
82	PCB-110/115	*	2.23e+03	*	*	3.29e+03	*
83	PCB-82	*	2.23e+03	*	*	3.29e+03	*
84	PCB-111	*	2.23e+03	*	*	3.29e+03	*
85	PCB-120	*	2.23e+03	*	*	3.29e+03	*
86	PCB-108/124	*	3.53e+03	*	*	2.70e+03	*
87	PCB-107	*	3.53e+03	*	*	2.70e+03	*
88	PCB-123	*	3.53e+03	*	*	2.70e+03	*
89	PCB-106	*	3.53e+03	*	*	2.70e+03	*
90	PCB-118	*	3.53e+03	*	*	2.70e+03	*
91	PCB-122	*	3.53e+03	*	*	2.70e+03	*
92	PCB-114	*	3.53e+03	*	*	2.70e+03	*
93	PCB-105	*	3.53e+03	*	*	2.70e+03	*
94	PCB-127	*	3.53e+03	*	*	2.70e+03	*
95	PCB-126	*	3.53e+03	*	*	2.70e+03	*
96	PCB-155	*	7.60e+02	*	*	9.24e+02	*
97	PCB-152	*	7.60e+02	*	*	9.24e+02	*
98	PCB-150	*	7.60e+02	*	*	9.24e+02	*
99	PCB-136	*	7.60e+02	*	*	9.24e+02	*
100	PCB-145	*	7.60e+02	*	*	9.24e+02	*
101	PCB-148	*	7.60e+02	*	*	9.24e+02	*
102	PCB-135/151	*	7.60e+02	*	*	9.24e+02	*
103	PCB-154	*	7.60e+02	*	*	9.24e+02	*
104	PCB-144	*	7.60e+02	*	*	9.24e+02	*

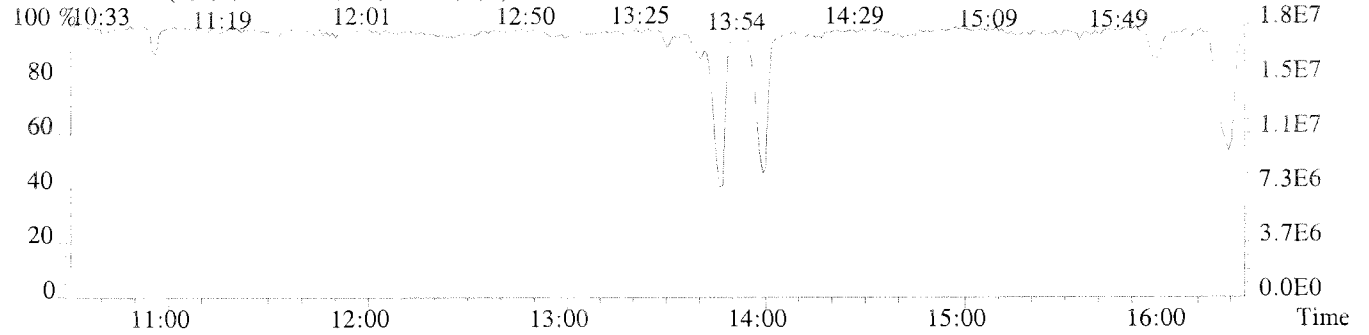
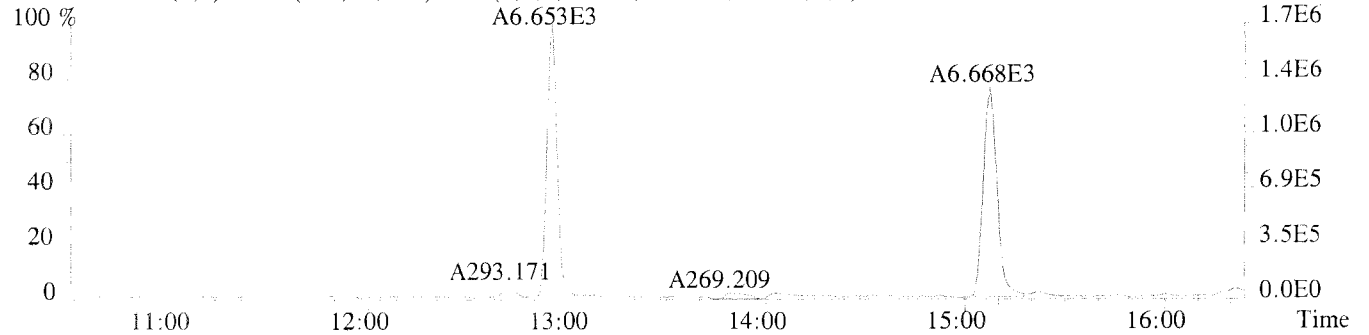
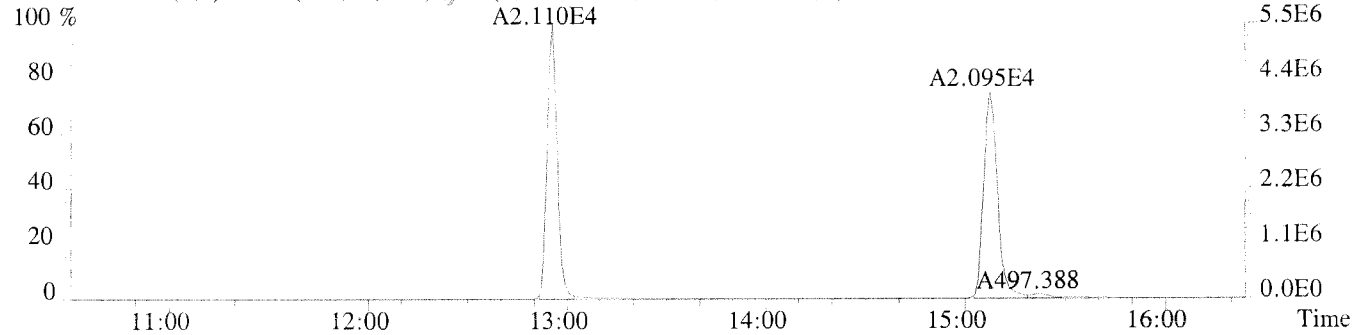
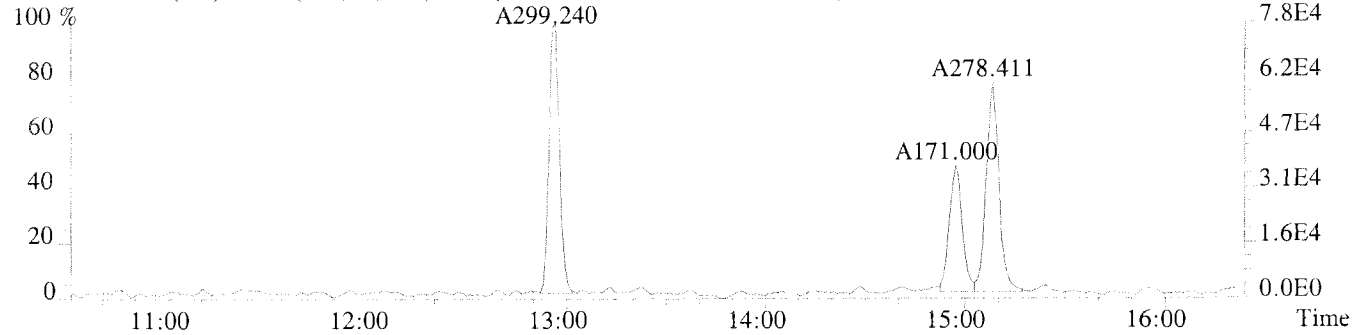
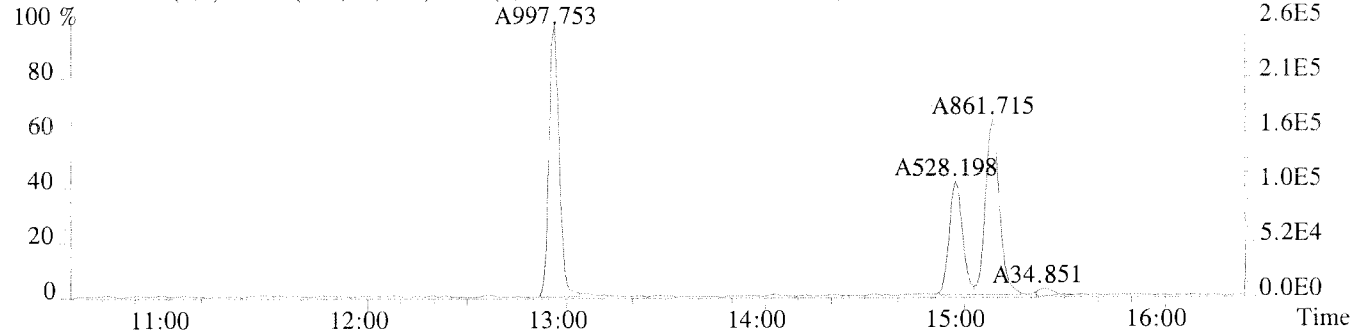
105	PCB-147/149	*	2.72e+03	*	*	2.58e+03	*
106	PCB-134	*	2.72e+03	*	*	2.58e+03	*
107	PCB-143	*	2.72e+03	*	*	2.58e+03	*
108	PCB-139/140	*	2.72e+03	*	*	2.58e+03	*
109	PCB-131	*	2.72e+03	*	*	2.58e+03	*
110	PCB-142	*	2.72e+03	*	*	2.58e+03	*
111	PCB-132	*	2.72e+03	*	*	2.58e+03	*
112	PCB-133	*	2.72e+03	*	*	2.58e+03	*
113	PCB-165	*	2.72e+03	*	*	2.58e+03	*
114	PCB-146	*	2.72e+03	*	*	2.58e+03	*
115	PCB-161	*	2.72e+03	*	*	2.58e+03	*
116	PCB-153/168	*	2.72e+03	*	*	2.58e+03	*
117	PCB-141	*	2.72e+03	*	*	2.58e+03	*
118	PCB-130	*	2.72e+03	*	*	2.58e+03	*
119	PCB-137	*	2.72e+03	*	*	2.58e+03	*
120	PCB-164	*	2.72e+03	*	*	2.58e+03	*
121	PCB-129/138/163	*	2.72e+03	*	*	2.58e+03	*
122	PCB-160	*	2.72e+03	*	*	2.58e+03	*
123	PCB-158	*	2.72e+03	*	*	2.58e+03	*
124	PCB-128/166	*	2.72e+03	*	*	2.58e+03	*
125	PCB-159	*	1.78e+03	*	*	1.16e+03	*
126	PCB-162	*	1.78e+03	*	*	1.16e+03	*
127	PCB-167	*	1.78e+03	*	*	1.16e+03	*
128	PCB-156/157	*	1.78e+03	*	*	1.16e+03	*
129	PCB-169	*	1.78e+03	*	*	1.16e+03	*
130	PCB-188	*	1.16e+03	*	*	1.40e+03	*
131	PCB-179	*	1.16e+03	*	*	1.40e+03	*
132	PCB-184	*	1.16e+03	*	*	1.40e+03	*
133	PCB-176	*	1.16e+03	*	*	1.40e+03	*
134	PCB-186	*	1.16e+03	*	*	1.40e+03	*
135	PCB-178	*	1.16e+03	*	*	1.40e+03	*
136	PCB-175	*	1.16e+03	*	*	1.40e+03	*
137	PCB-187	*	1.16e+03	*	*	1.40e+03	*
138	PCB-182	*	1.16e+03	*	*	1.40e+03	*
139	PCB-183	*	2.14e+03	*	*	2.05e+03	*
140	PCB-185	*	2.14e+03	*	*	2.05e+03	*
141	PCB-174	*	2.14e+03	*	*	2.05e+03	*
142	PCB-177	*	2.14e+03	*	*	2.05e+03	*
143	PCB-181	*	2.14e+03	*	*	2.05e+03	*
144	PCB-171/173	*	2.14e+03	*	*	2.05e+03	*
145	PCB-172	*	2.14e+03	*	*	2.05e+03	*
146	PCB-192	*	2.14e+03	*	*	2.05e+03	*
147	PCB-180/193	1.70e+06	2.14e+03	8.0e+02	1.70e+06	2.05e+03	8.3e+02
148	PCB-191	*	2.14e+03	*	*	2.05e+03	*
149	PCB-170	*	2.14e+03	*	*	2.05e+03	*
150	PCB-190	*	2.14e+03	*	*	2.05e+03	*
151	PCB-189	*	2.14e+03	*	*	2.05e+03	*
152	PCB-202	*	6.92e+02	*	*	9.76e+02	*
153	PCB-201	*	6.92e+02	*	*	9.76e+02	*
154	PCB-204	*	6.92e+02	*	*	9.76e+02	*
155	PCB-197	*	6.92e+02	*	*	9.76e+02	*
156	PCB-200	*	6.92e+02	*	*	9.76e+02	*
157	PCB-198/199	*	6.92e+02	*	*	9.76e+02	*
158	PCB-196	*	6.92e+02	*	*	9.76e+02	*
159	PCB-203	*	6.92e+02	*	*	9.76e+02	*
160	PCB-195	*	6.92e+02	*	*	9.76e+02	*
161	PCB-194	*	6.92e+02	*	*	9.76e+02	*
162	PCB-205	*	6.92e+02	*	*	9.76e+02	*

Run #15

Filename U224776#1 Samp: 1

Acquired: 17-JAN-11 16:00:57

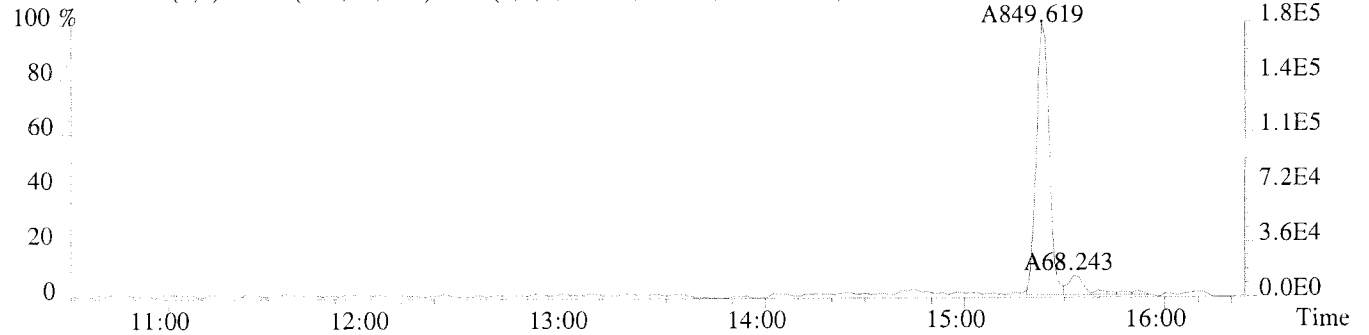
163	PCB-208	*	9.44e+02	*	*	8.32e+02	*
164	PCB-207	*	9.44e+02	*	*	8.32e+02	*
165	PCB-206	*	1.05e+03	*	*	1.46e+03	*
166	PCB-209	*	9.00e+02	*	*	1.24e+03	*
167	PCB-11L	5.53e+06	1.92e+03	2.9e+03	1.72e+06	2.03e+04	8.4e+01
168	PCB-3L	4.15e+06	1.92e+03	2.2e+03	1.32e+06	2.03e+04	6.5e+01
169	PCB-4L	2.69e+06	3.02e+03	8.9e+02	1.79e+06	1.92e+03	9.3e+02
170	PCB-15L	2.32e+06	7.67e+03	3.0e+02	1.42e+06	3.00e+03	4.8e+02
171	PCB-19L	1.56e+06	4.02e+04	3.9e+01	1.50e+06	2.24e+04	6.7e+01
172	PCB-37L	1.70e+06	1.46e+04	1.2e+02	1.64e+06	8.80e+03	1.9e+02
173	PCB-54L	2.04e+06	3.44e+03	5.9e+02	2.64e+06	1.44e+03	1.8e+03
174	PCB-81L	1.05e+06	1.02e+03	1.0e+03	1.40e+06	9.36e+02	1.5e+03
175	PCB-77L	1.04e+06	1.02e+03	1.0e+03	1.30e+06	9.36e+02	1.4e+03
176	PCB-104L	2.58e+06	1.18e+03	2.2e+03	1.66e+06	1.14e+03	1.5e+03
177	PCB-123L	1.64e+06	3.83e+03	4.3e+02	1.02e+06	6.26e+03	1.6e+02
178	PCB-118L	1.76e+06	3.83e+03	4.6e+02	1.11e+06	6.26e+03	1.8e+02
179	PCB-114L	1.69e+06	3.83e+03	4.4e+02	1.03e+06	6.26e+03	1.6e+02
180	PCB-105L	1.72e+06	3.83e+03	4.5e+02	1.03e+06	6.26e+03	1.6e+02
181	PCB-126L	1.60e+06	3.83e+03	4.2e+02	1.01e+06	6.26e+03	1.6e+02
182	PCB-155L	2.26e+06	6.24e+02	3.6e+03	1.84e+06	1.03e+03	1.8e+03
183	PCB-167L	1.53e+06	9.12e+02	1.7e+03	1.22e+06	3.87e+03	3.1e+02
184	PCB-156/157L	2.08e+06	9.12e+02	2.3e+03	1.59e+06	3.87e+03	4.1e+02
185	PCB-169L	1.17e+06	9.12e+02	1.3e+03	9.36e+05	3.87e+03	2.4e+02
186	PCB-188L	1.61e+06	1.20e+03	1.3e+03	1.51e+06	1.14e+03	1.3e+03
187	PCB-189L	1.13e+06	8.24e+02	1.4e+03	1.09e+06	6.96e+02	1.6e+03
188	PCB-202L	1.21e+06	9.08e+02	1.3e+03	1.37e+06	1.05e+03	1.3e+03
189	PCB-205L	1.10e+06	9.08e+02	1.2e+03	1.20e+06	1.05e+03	1.1e+03
190	PCB-208L	1.08e+06	8.24e+02	1.3e+03	1.36e+06	7.52e+02	1.8e+03
191	PCB-206L	7.08e+05	1.48e+03	4.8e+02	9.33e+05	1.44e+03	6.5e+02
192	PCB-209L	1.09e+06	1.00e+03	1.1e+03	9.30e+05	1.13e+03	8.2e+02
193	PCB-28L	1.56e+05	1.46e+04	1.1e+01	1.74e+05	8.80e+03	2.0e+01
194	PCB-111L	1.22e+05	9.68e+02	1.3e+02	8.32e+04	8.88e+02	9.4e+01
195	PCB-178L	8.24e+04	1.20e+03	6.9e+01	7.52e+04	1.14e+03	6.6e+01
196	PCB-9L	3.23e+06	7.67e+03	4.2e+02	2.05e+06	3.00e+03	6.9e+02
197	PCB-52L	1.34e+06	1.62e+03	8.3e+02	1.70e+06	1.57e+03	1.1e+03
198	PCB-101L	1.62e+06	9.68e+02	1.7e+03	1.05e+06	8.88e+02	1.2e+03
199	PCB-138L	1.51e+06	1.42e+03	1.1e+03	1.17e+06	1.71e+03	6.8e+02
200	PCB-194L	8.34e+05	9.08e+02	9.2e+02	9.29e+05	1.05e+03	8.9e+02



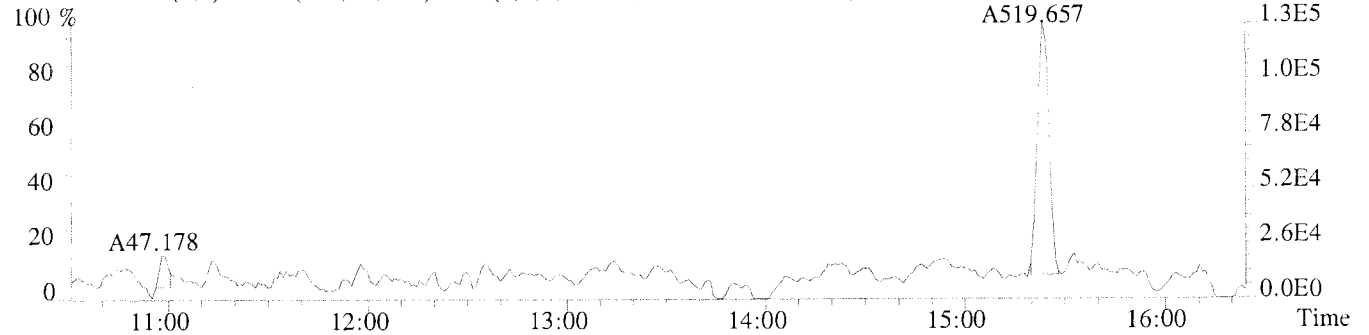
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Sample#1 Exp:K1013433-017DL USENE/W06

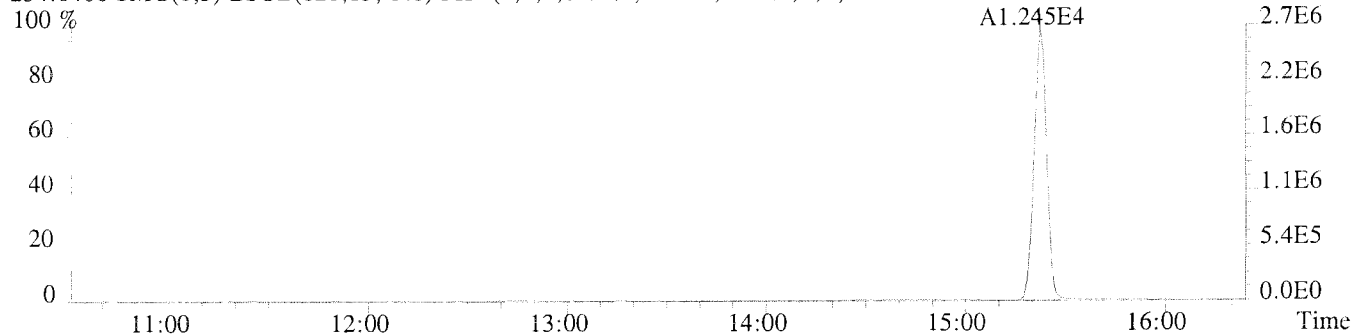
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2412.0,1.00%,F,T)



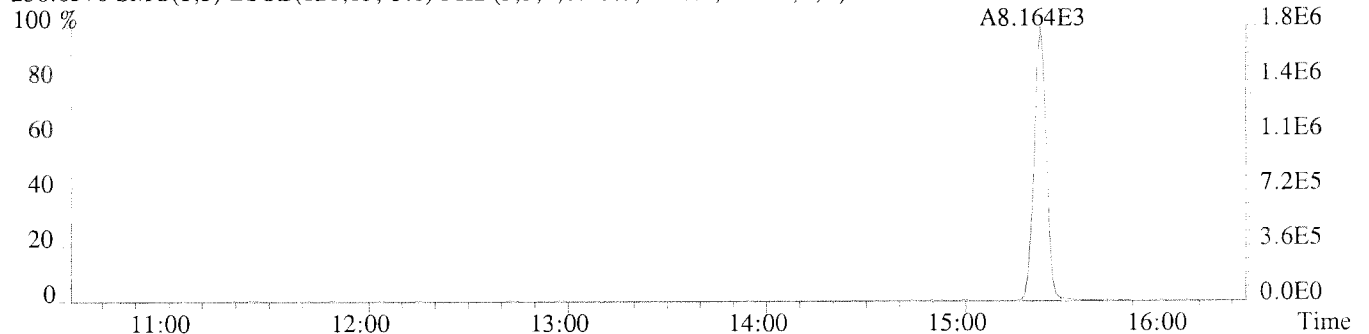
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12204.0,1.00%,F,T)



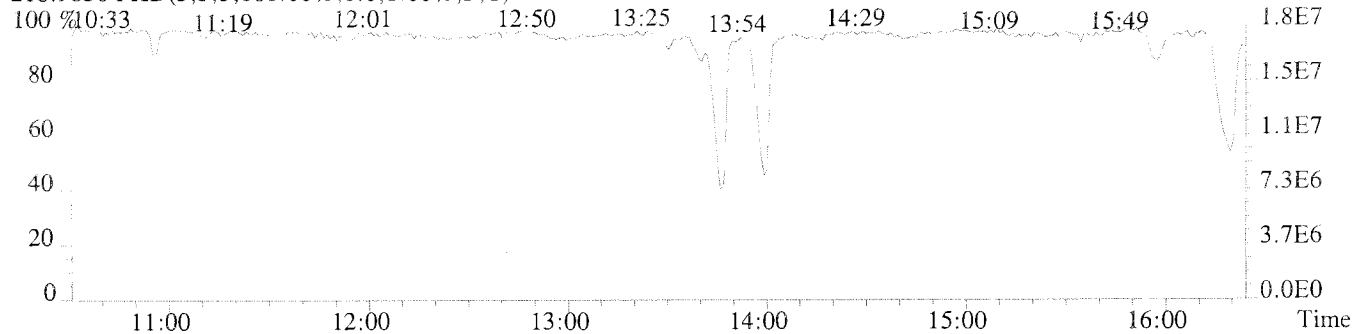
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3024.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1916.0,1.00%,F,T)



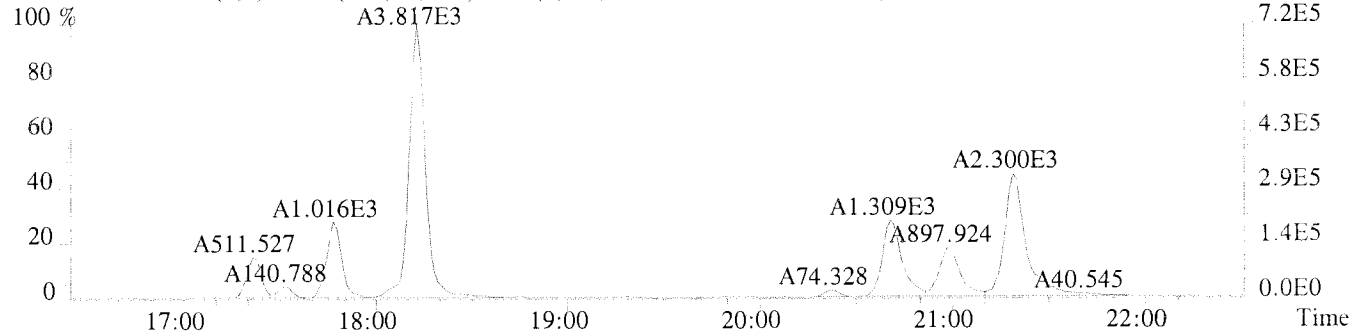
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



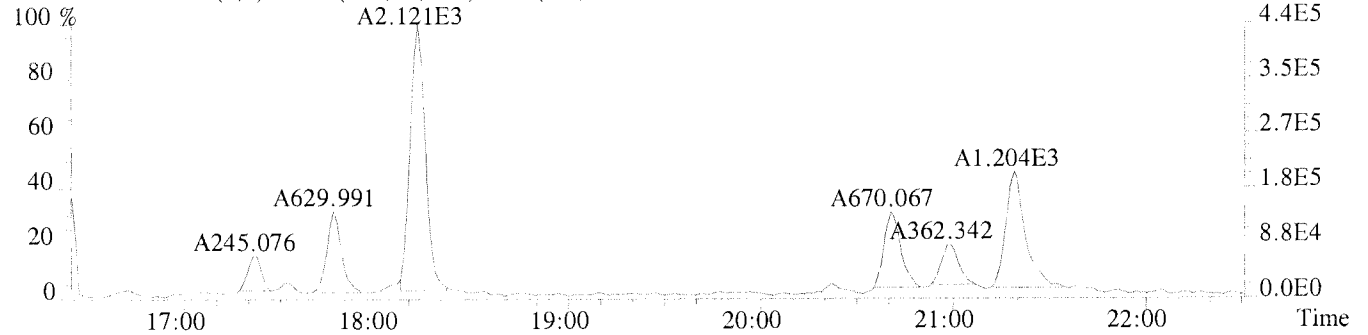
File:U224776 #1-337 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017DL USENE/W06

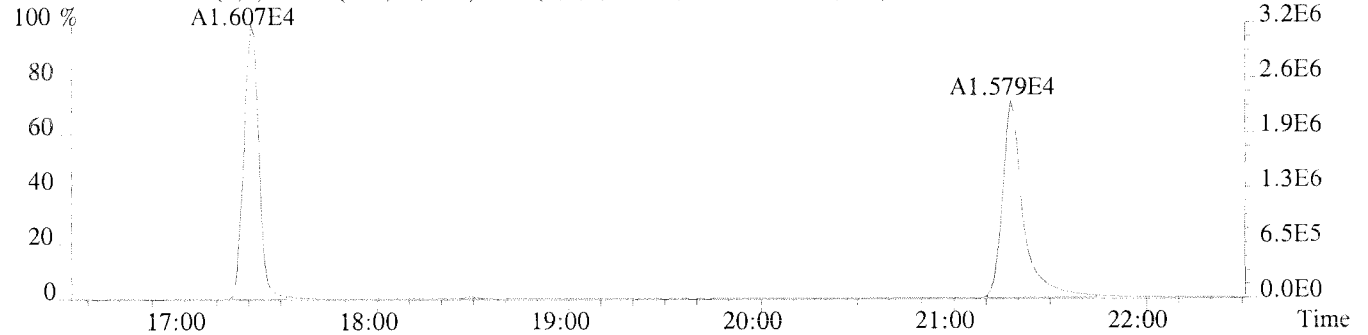
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3072.0,1.00%,F,T)



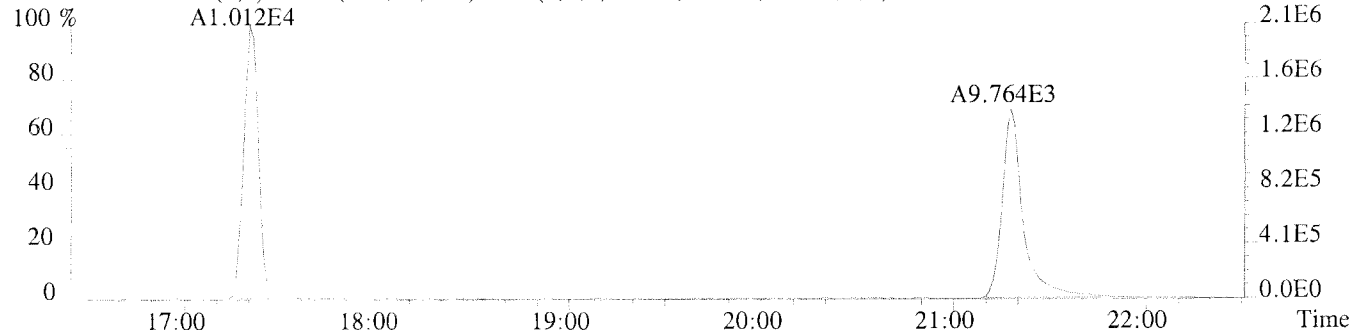
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10072.0,1.00%,F,T)



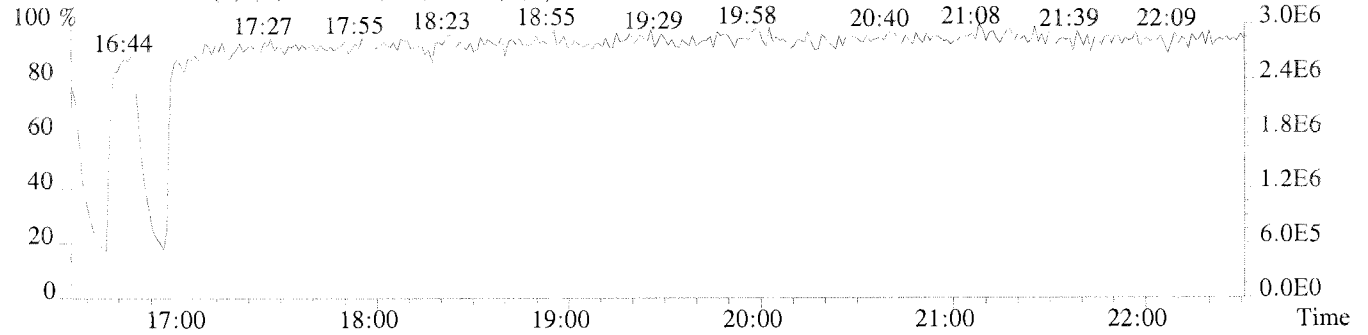
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7672.0,1.00%,F,T)

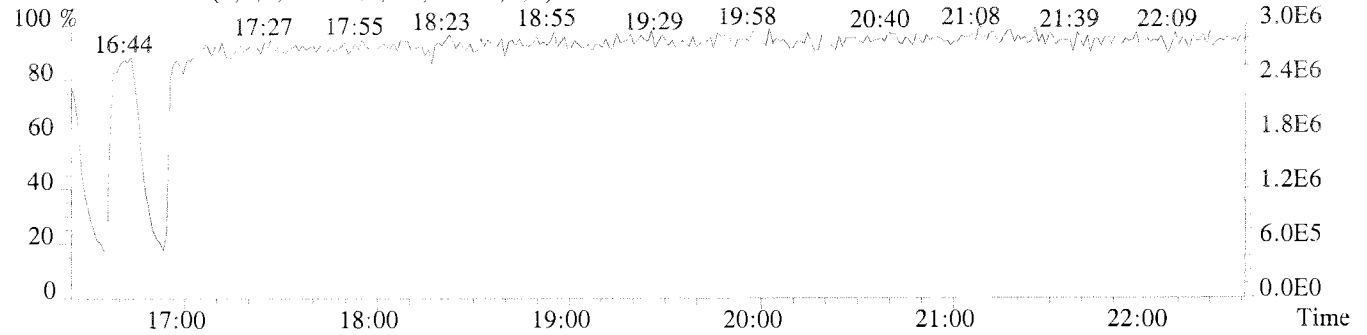
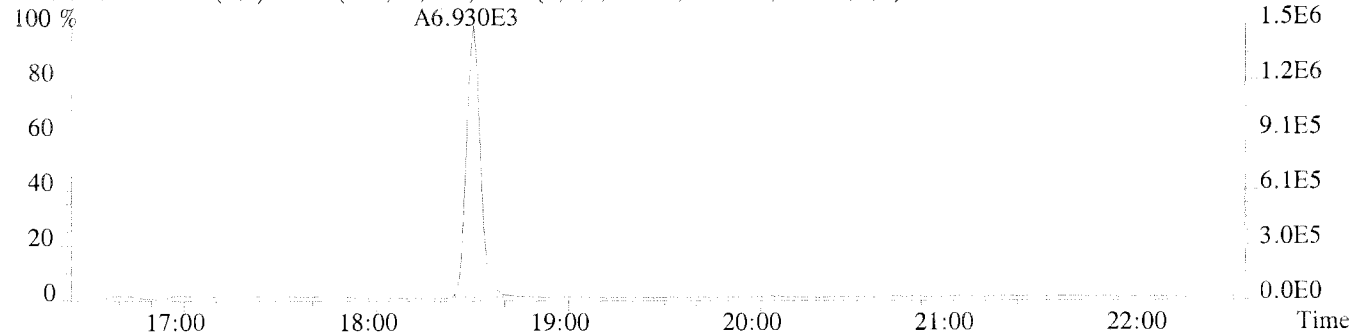
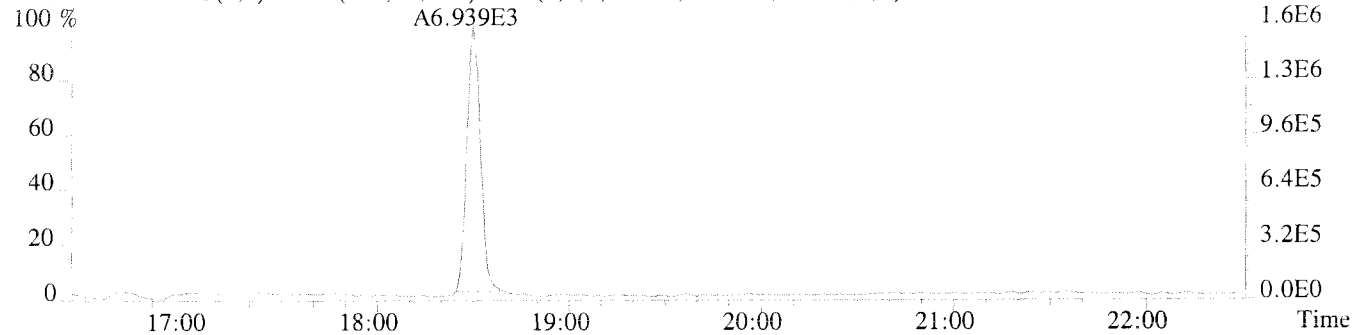
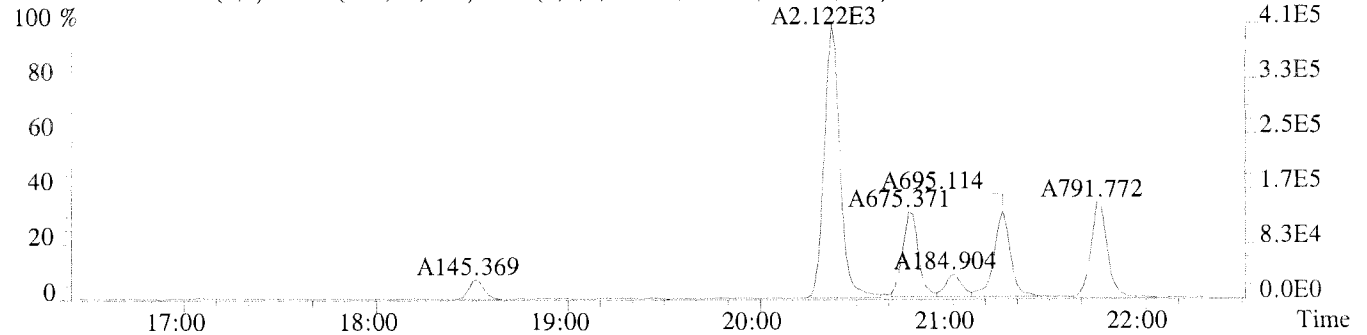
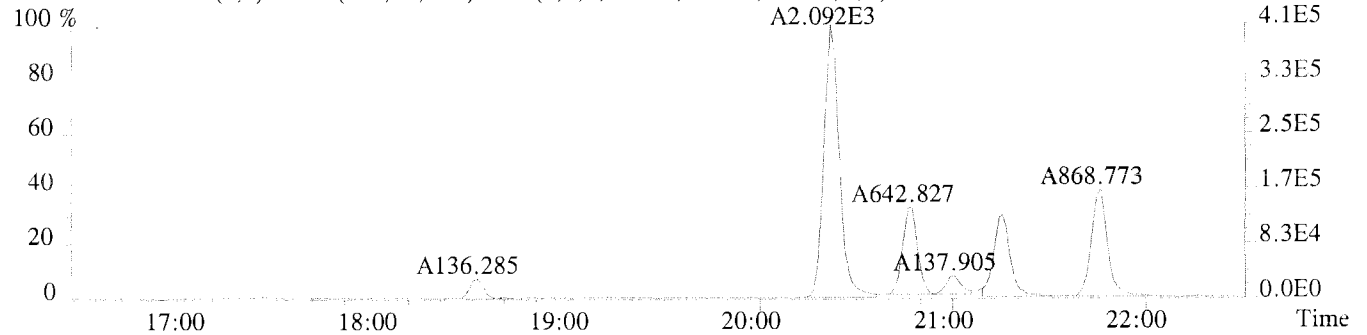


236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2996.0,1.00%,F,T)



242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

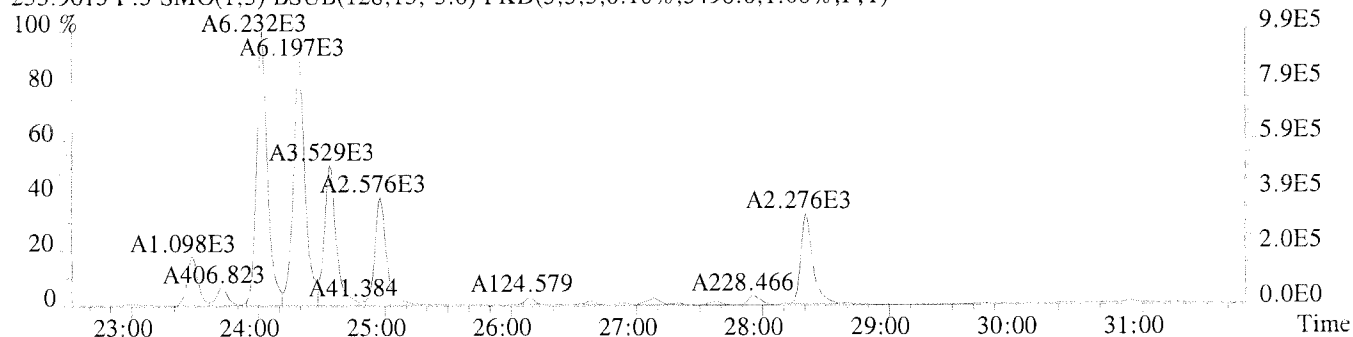




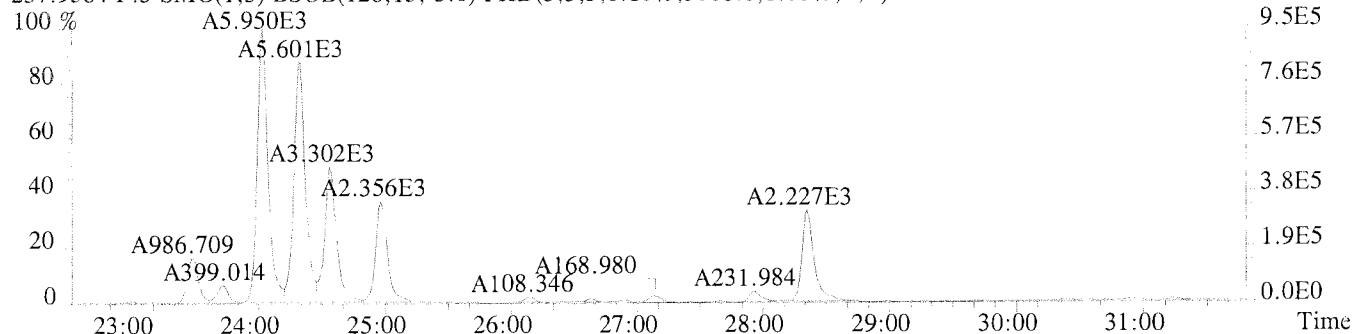
File:U224776 #1-594 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017DL USENE/W06

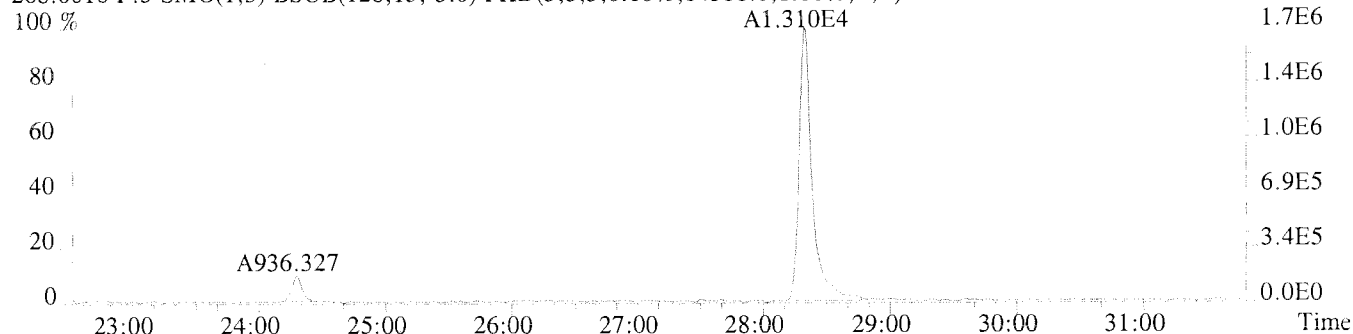
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3496.0,1.00%,F,T)



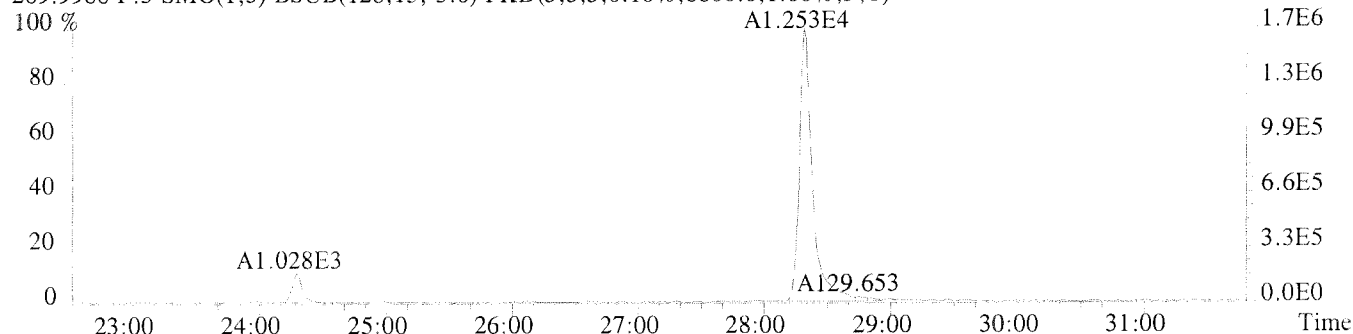
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3008.0,1.00%,F,T)



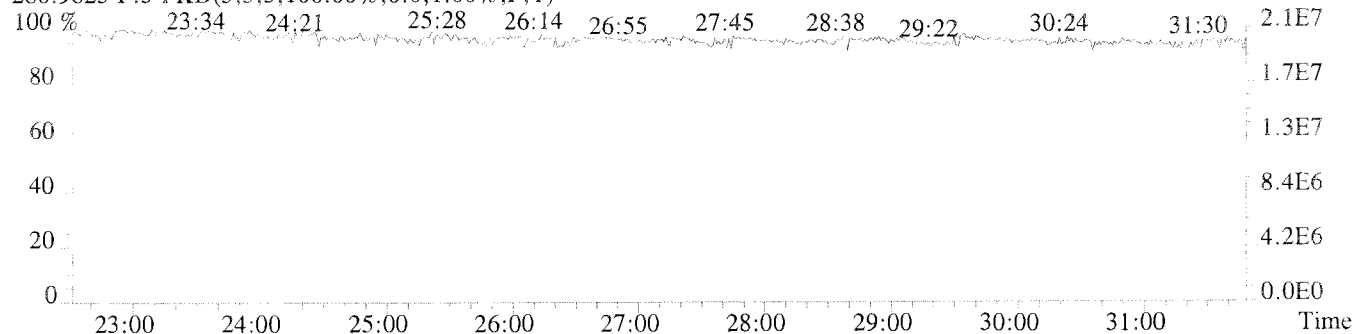
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14588.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8800.0,1.00%,F,T)



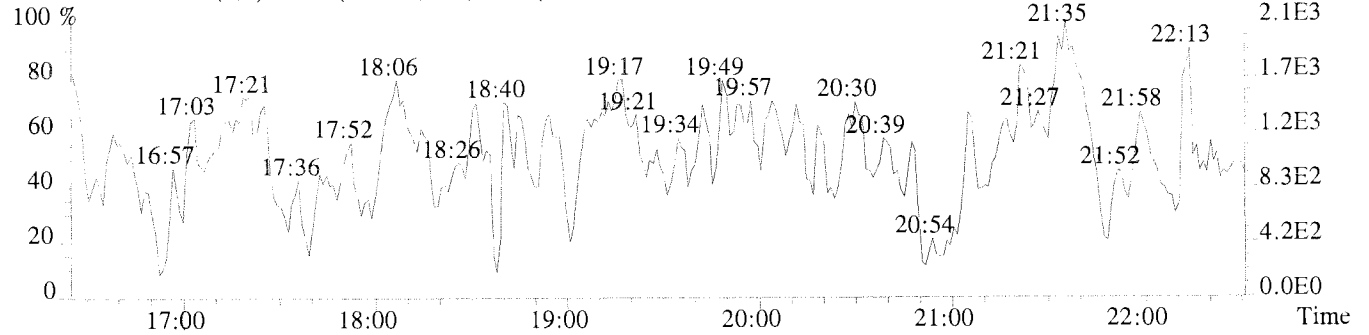
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



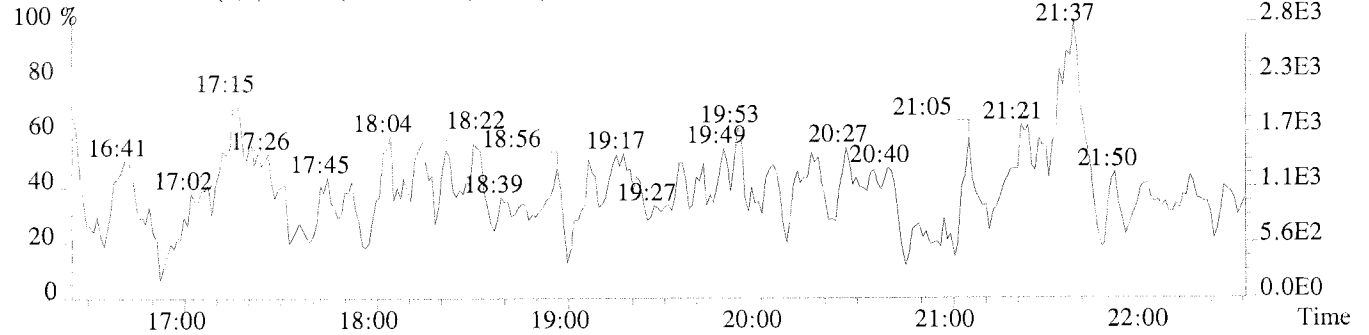
File:U224776 #1-337 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017DL USENE/W06

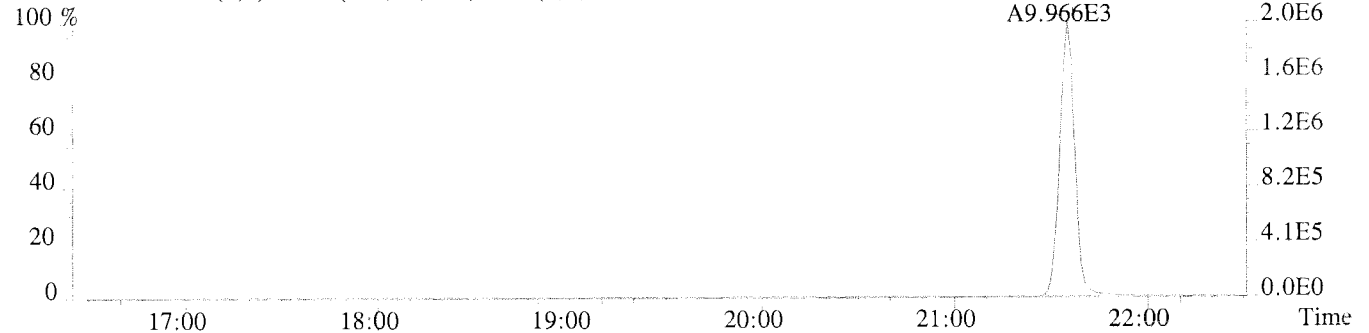
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1312.0,1.00%,F,T)



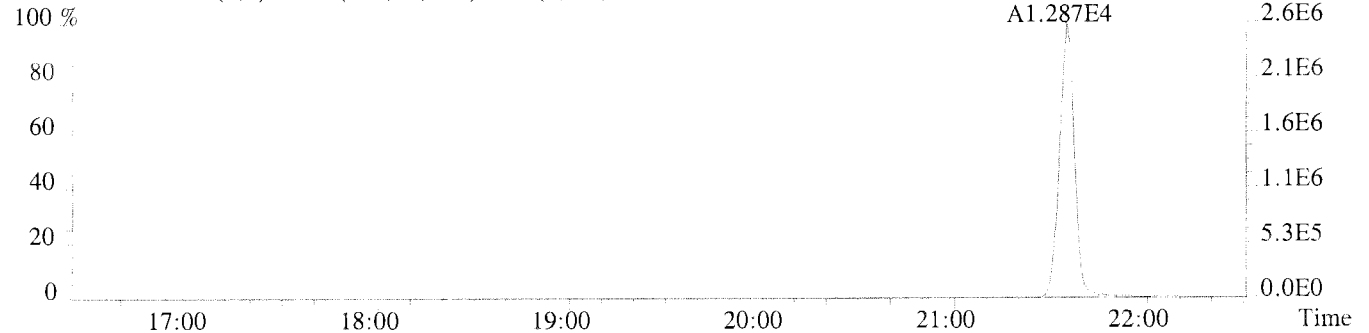
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1324.0,1.00%,F,T)



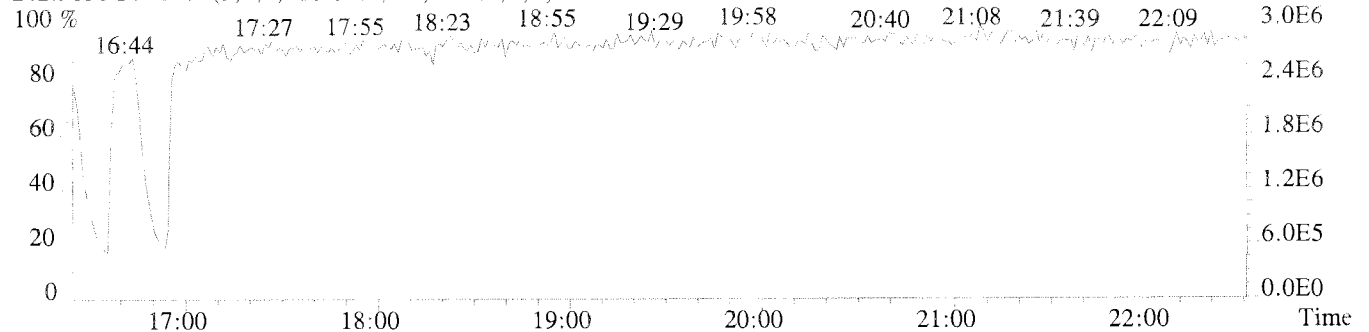
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3436.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1436.0,1.00%,F,T)



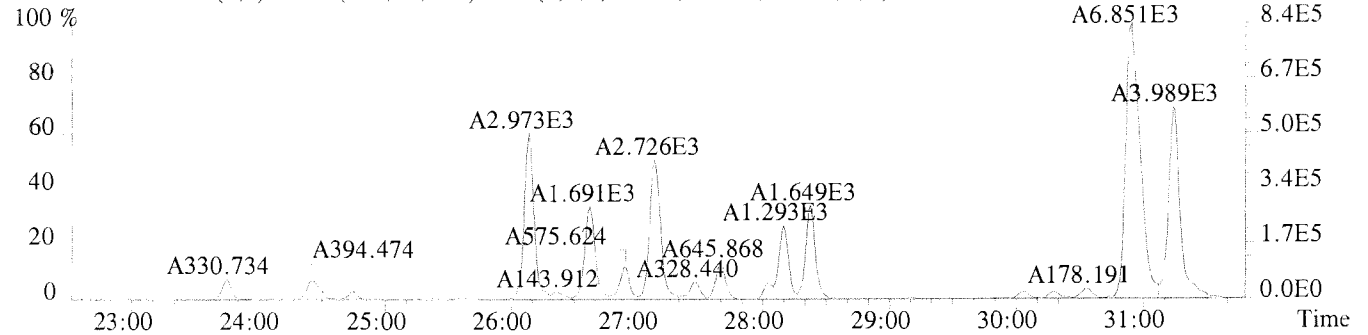
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



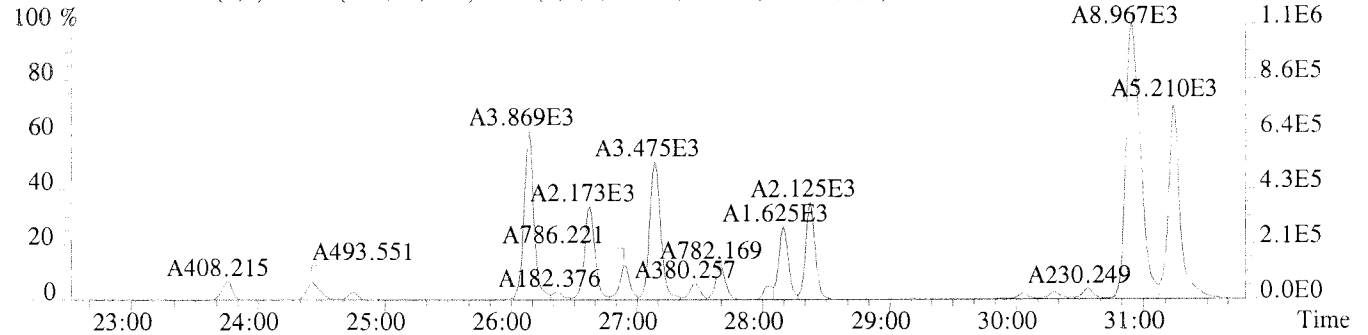
File:U224776 #1-594 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017DL USENE/W06

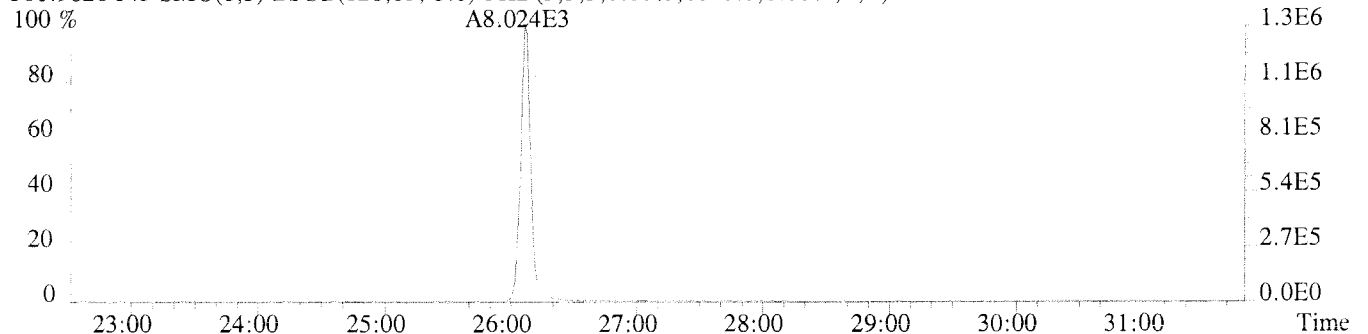
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1284.0,1.00%,F,T)



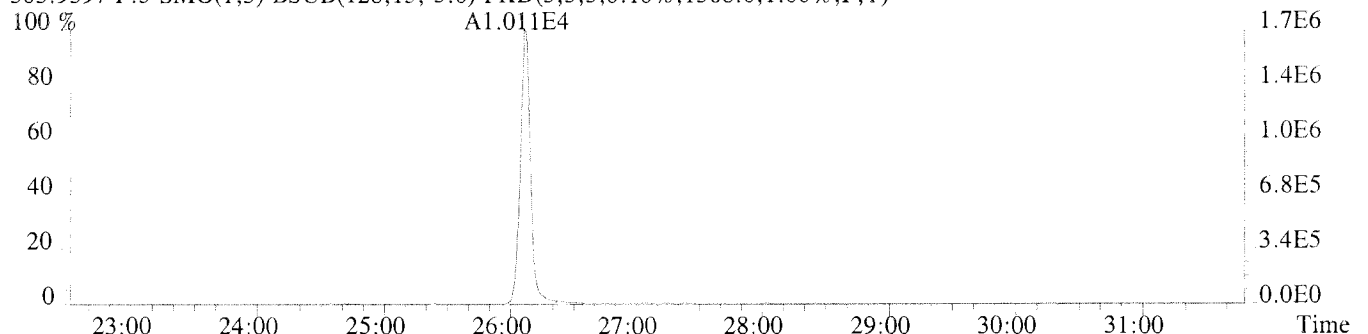
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1496.0,1.00%,F,T)



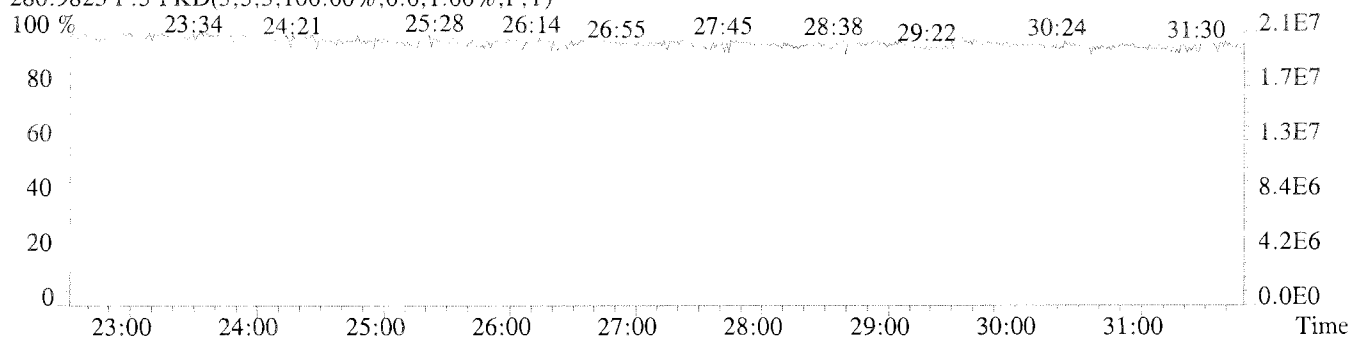
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1620.0,1.00%,F,T)



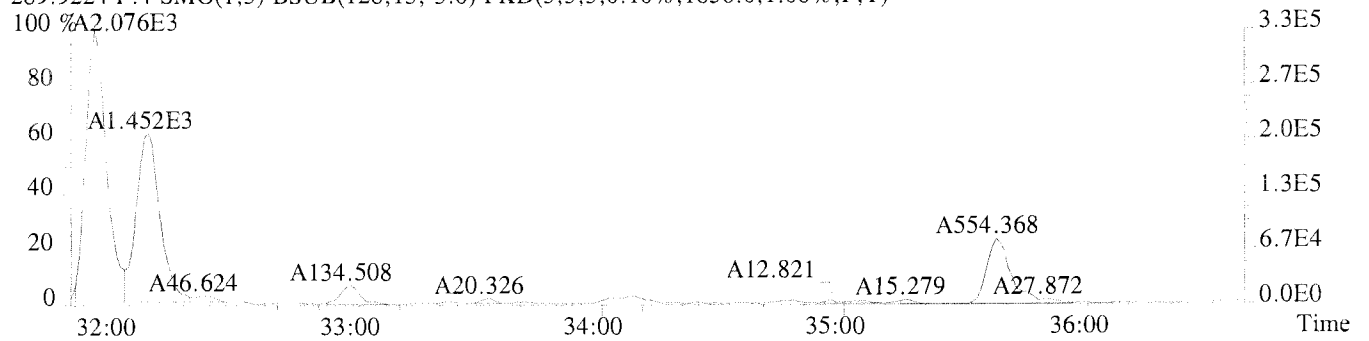
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1568.0,1.00%,F,T)



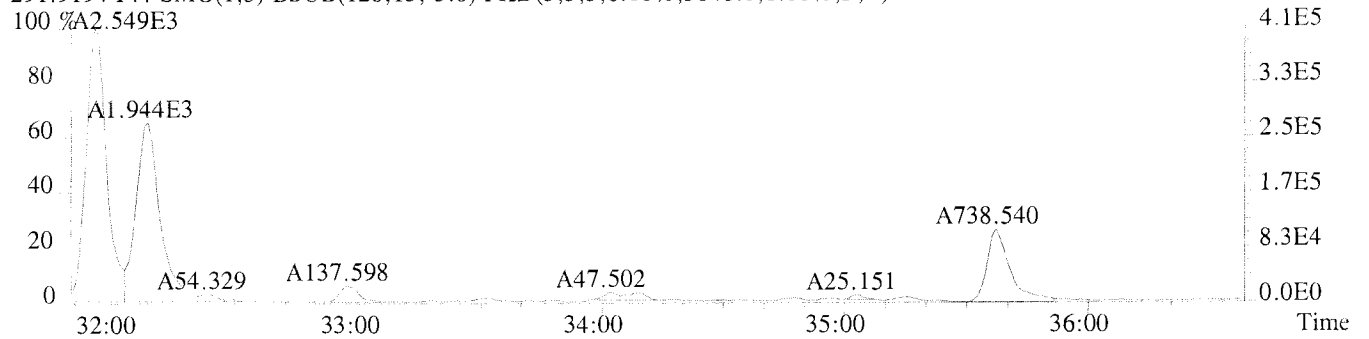
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



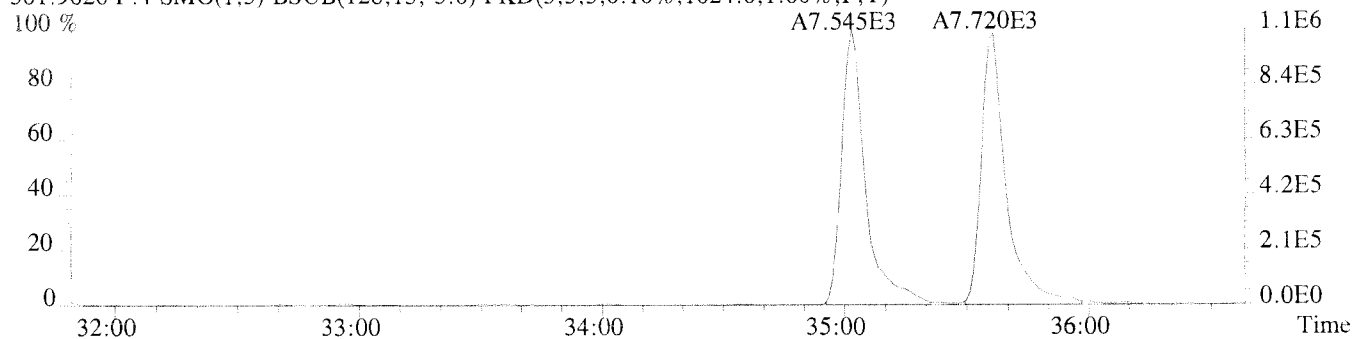
File:U224776 #1-309 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017DL USENE/W06
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1856.0,1.00%,F,T)
100 %A2.076E3



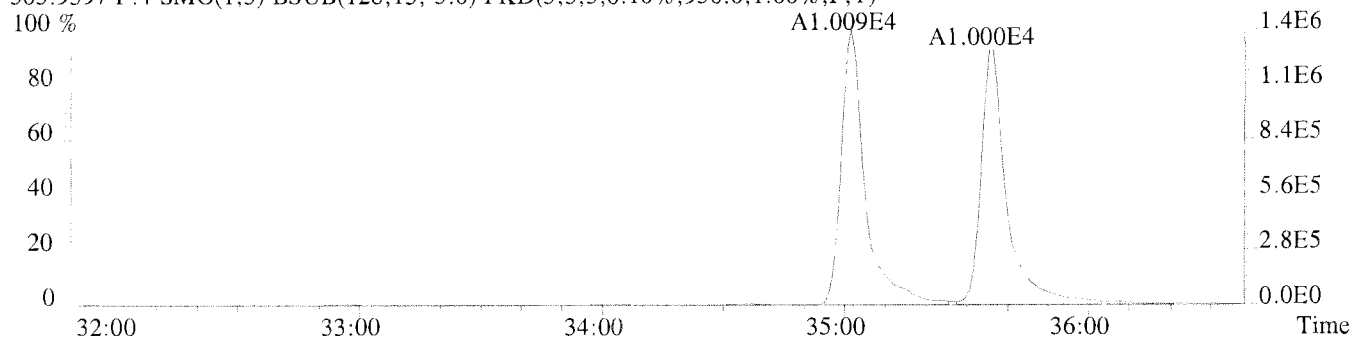
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3048.0,1.00%,F,T)
100 %A2.549E3



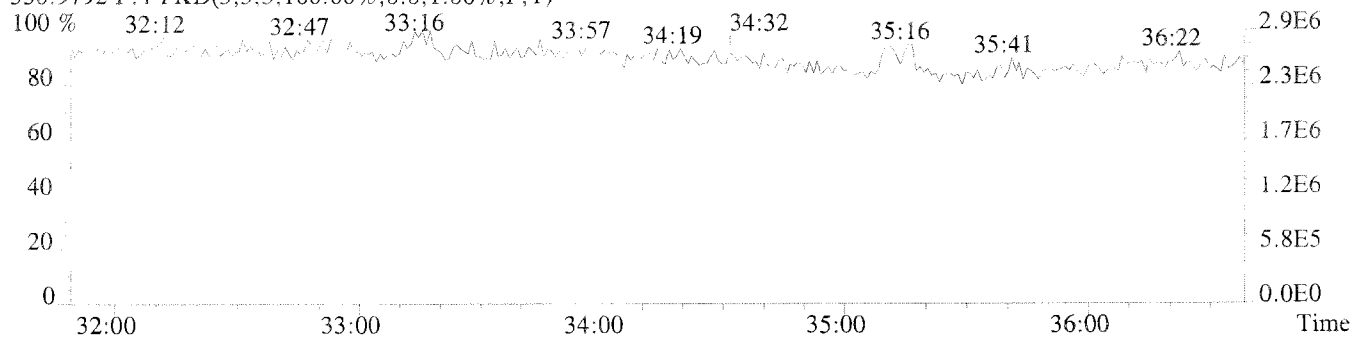
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1024.0,1.00%,F,T)
100 %



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,936.0,1.00%,F,T)
100 %



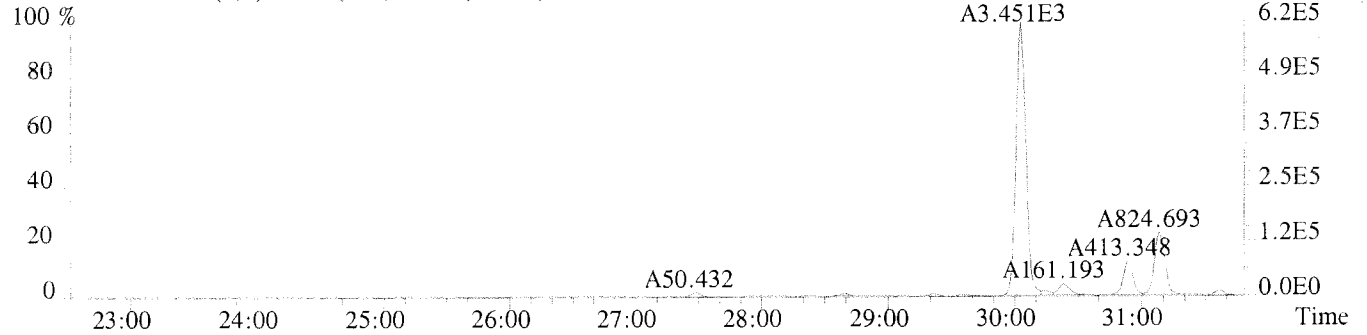
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)
100 %



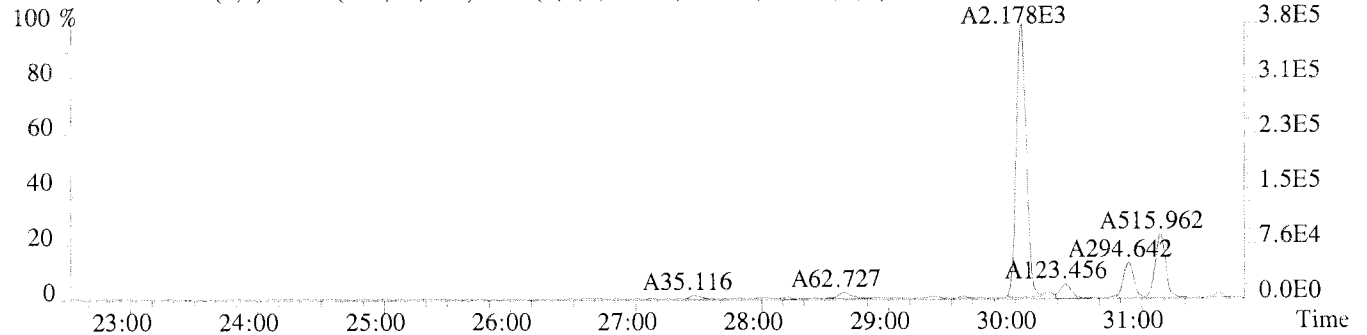
File:U224776 #1-594 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017DL USENE/W06

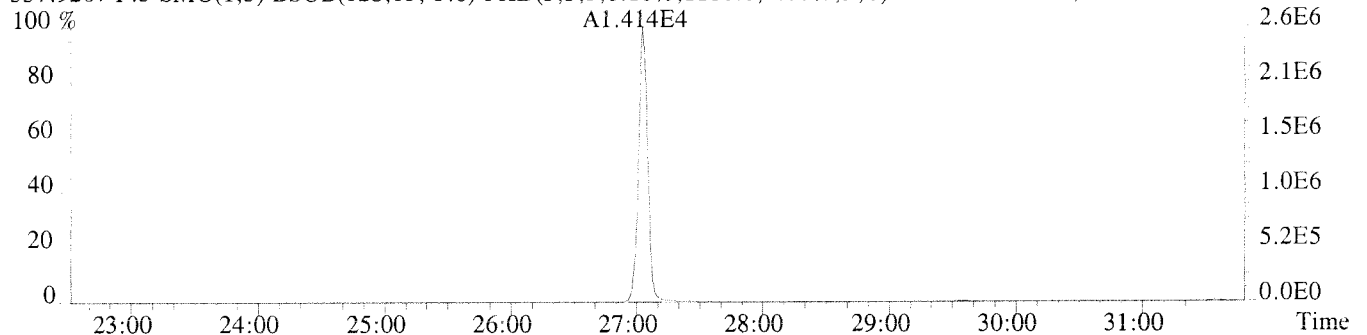
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1064.0,1.00%,F,T)



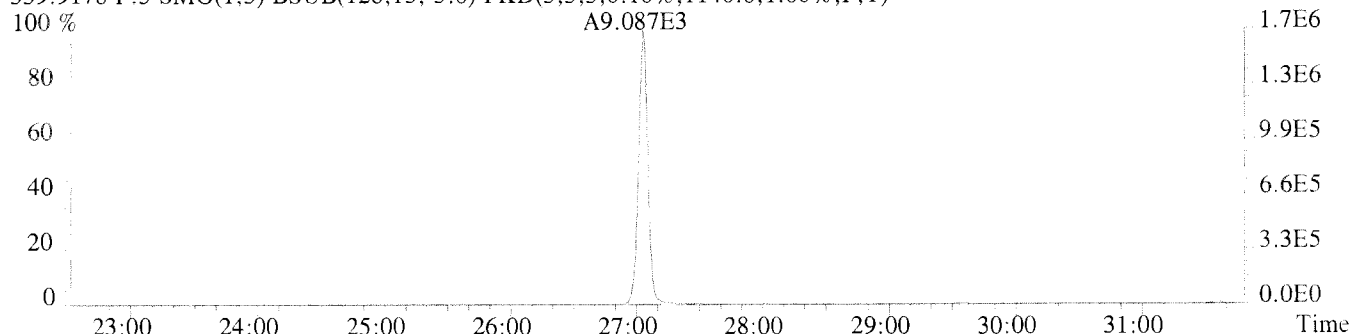
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1444.0,1.00%,F,T)



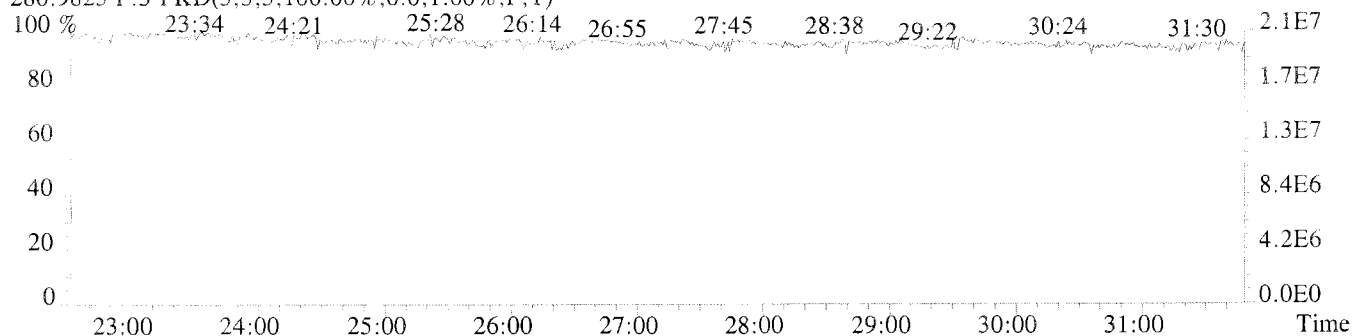
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1180.0,1.00%,F,T)

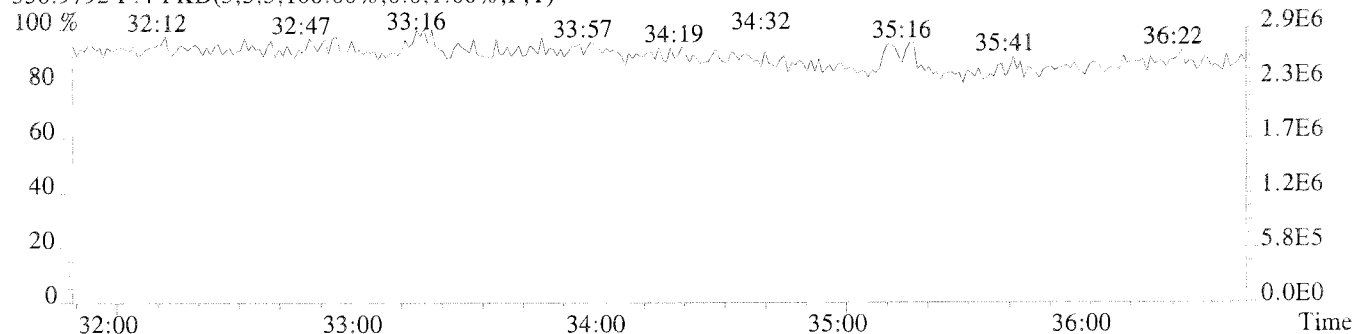
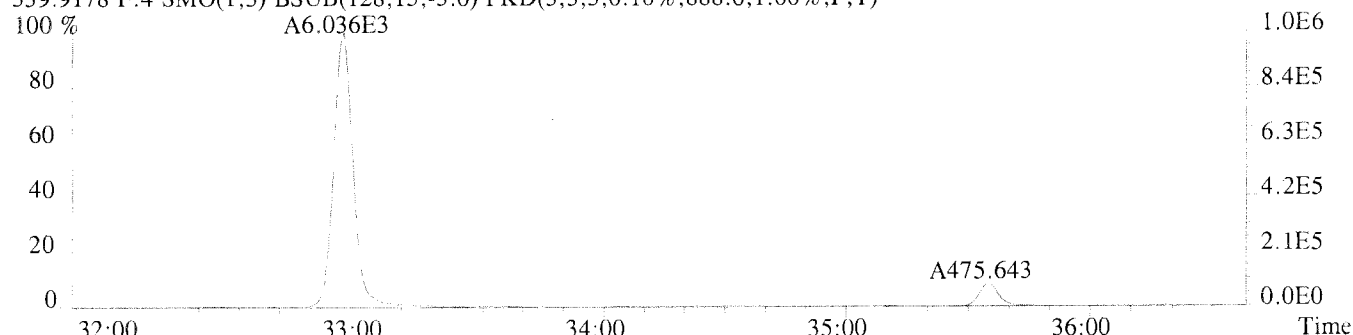
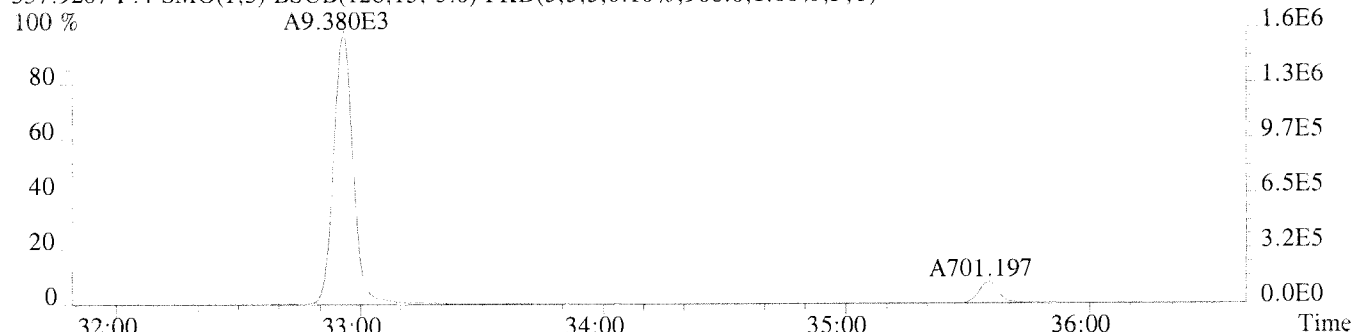
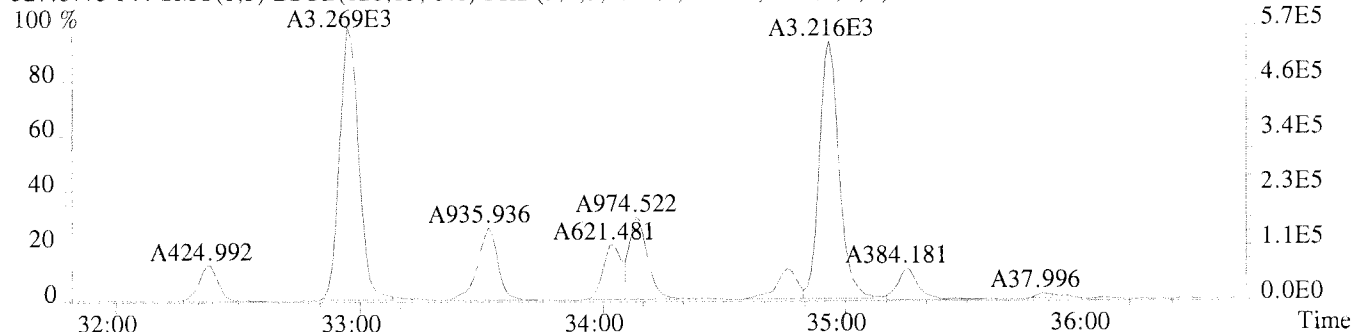
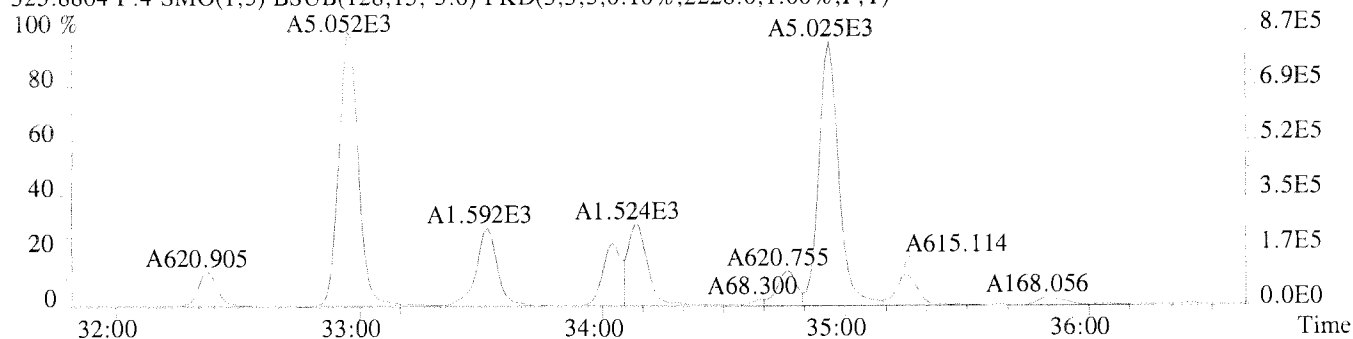


339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1140.0,1.00%,F,T)

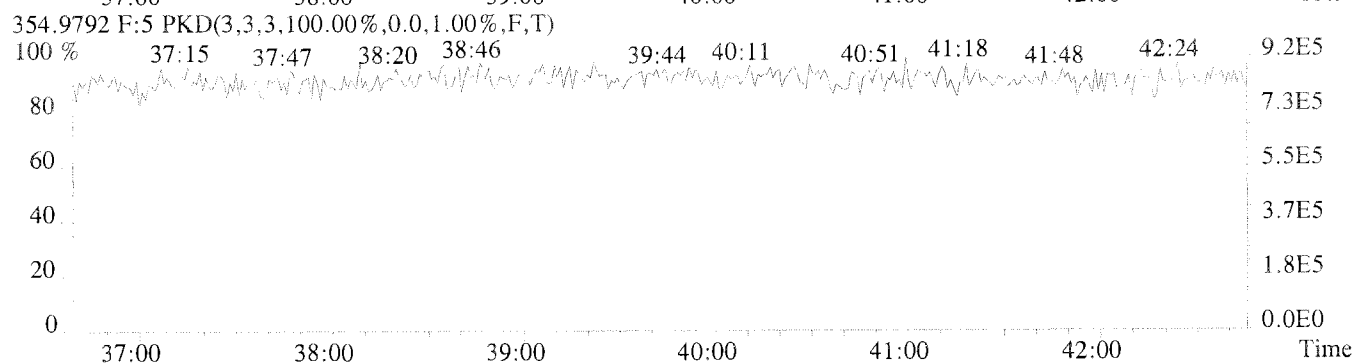
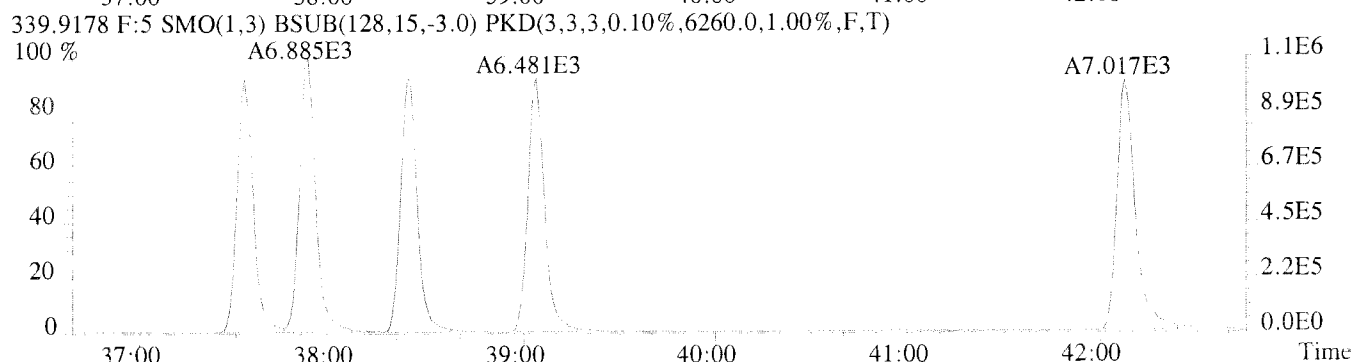
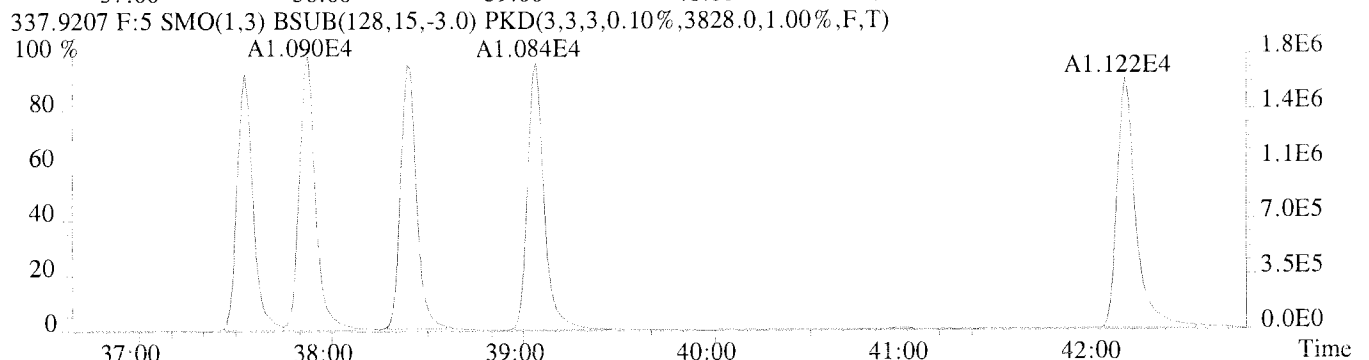
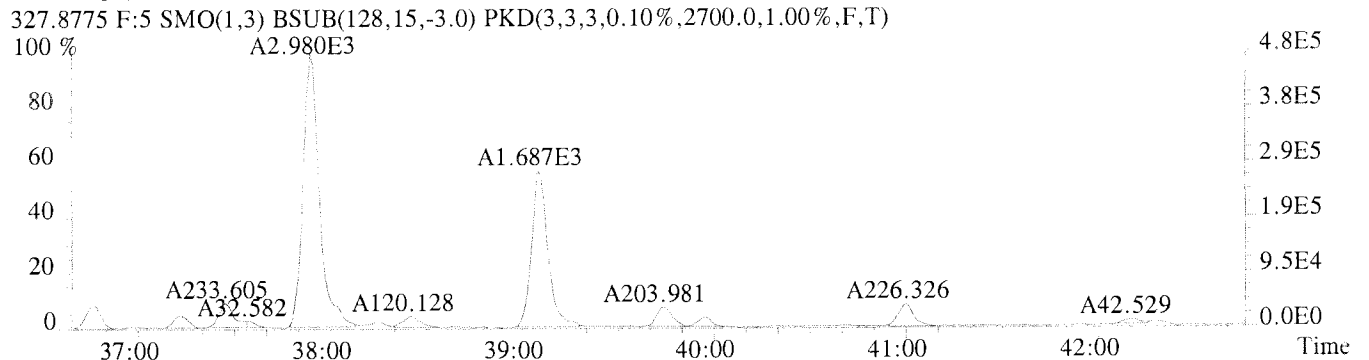
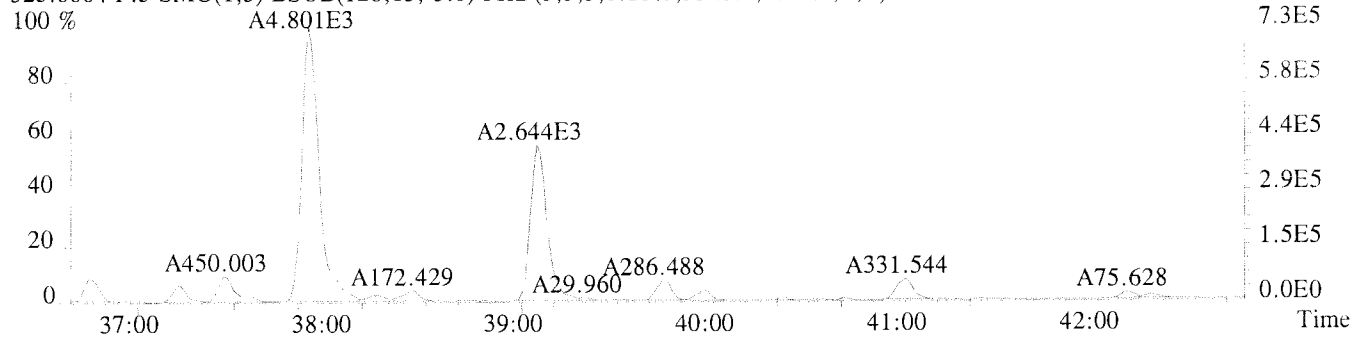


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



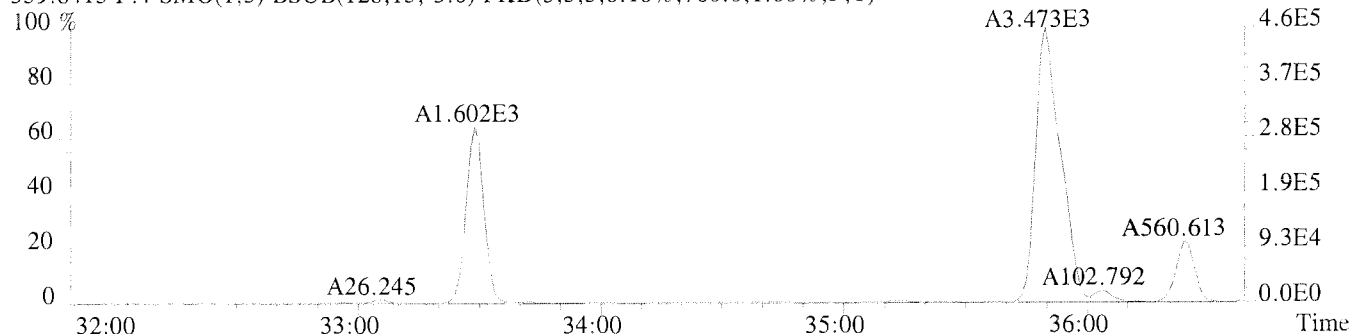


File:U224776 #1-391 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017DL USENE/W06
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3528.0,1.00%,F,T)

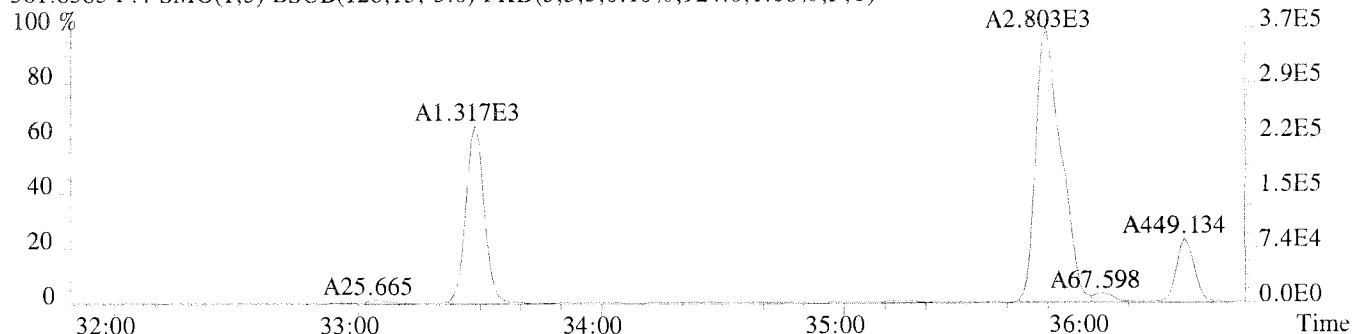


File:U224776 #1-309 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017DL USENE/W06

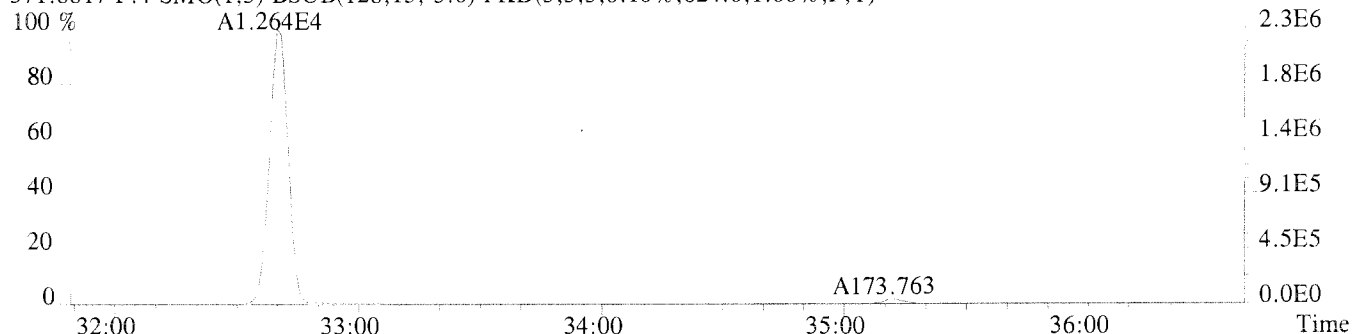
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,760.0,1.00%,F,T)



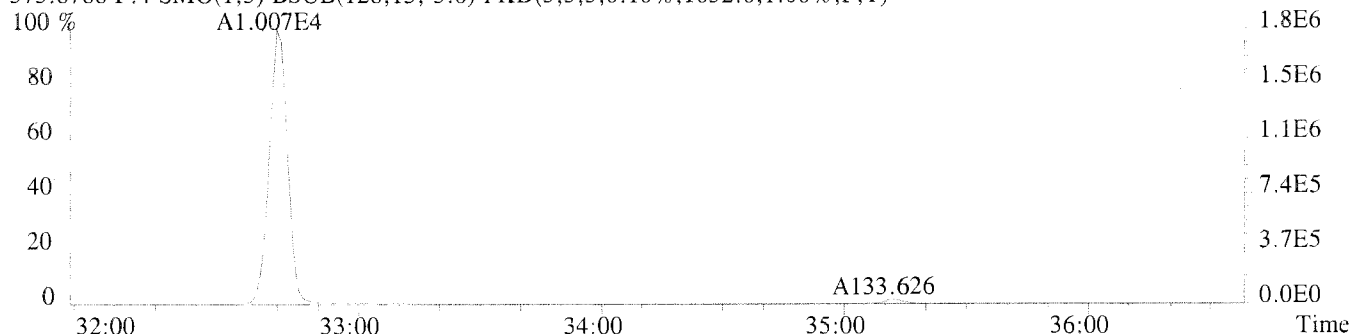
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,924.0,1.00%,F,T)



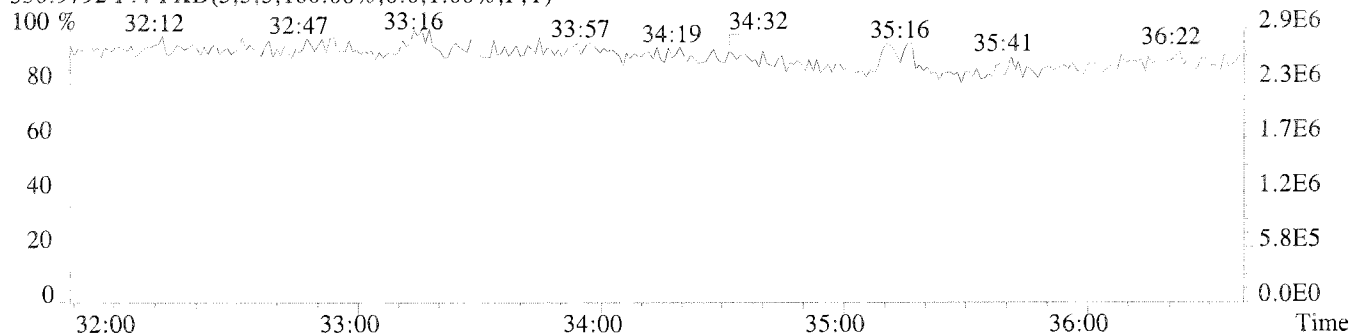
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,624.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1032.0,1.00%,F,T)



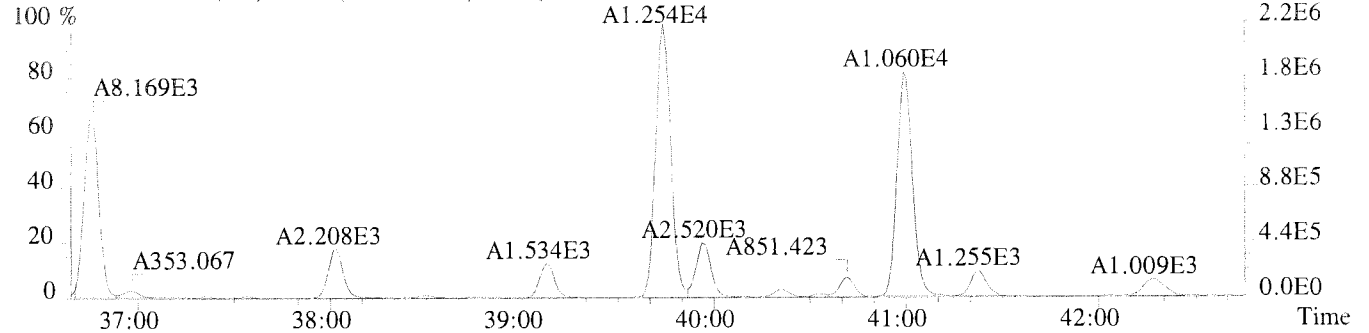
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



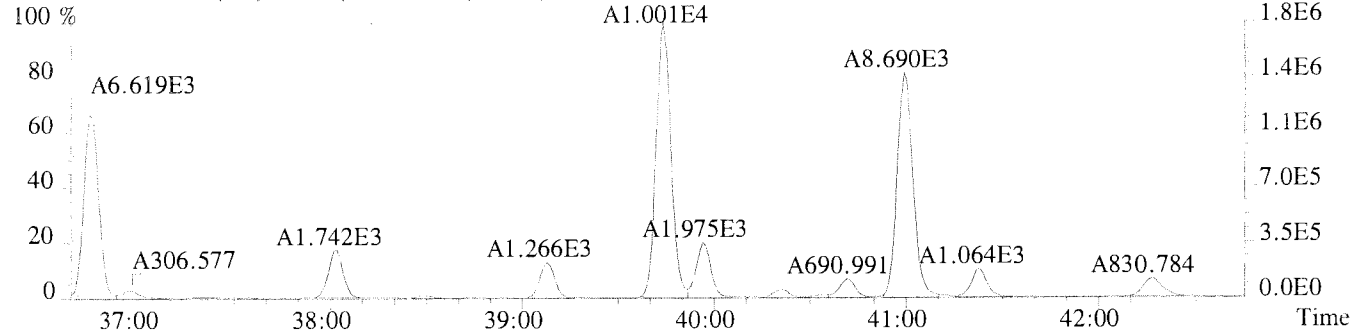
File:U224776 #1-391 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017DL USENE/W06

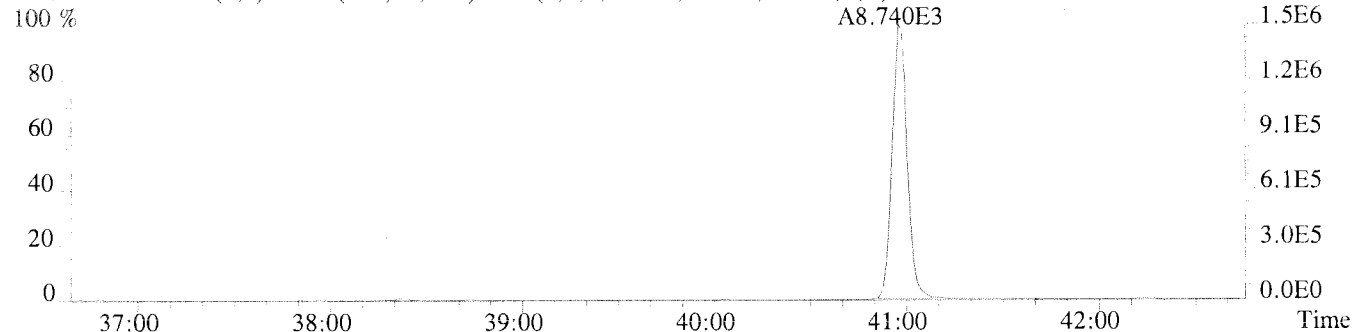
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2716.0,1.00%,F,T)



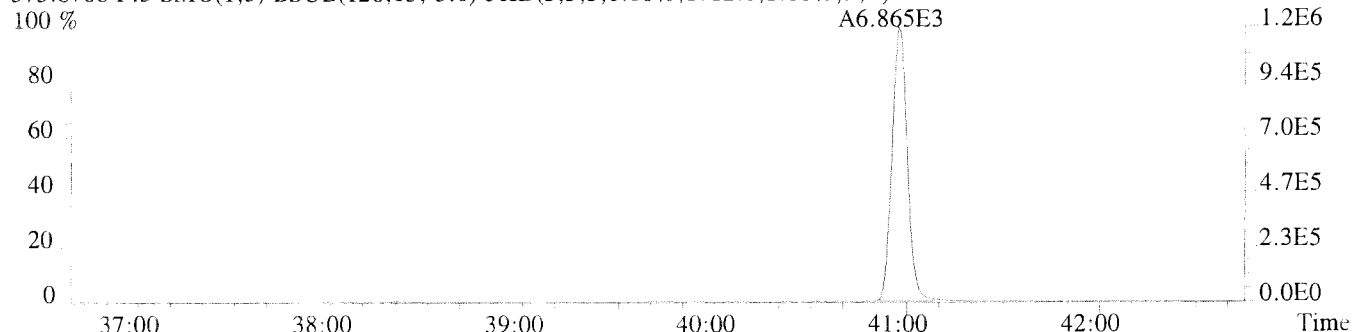
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2584.0,1.00%,F,T)



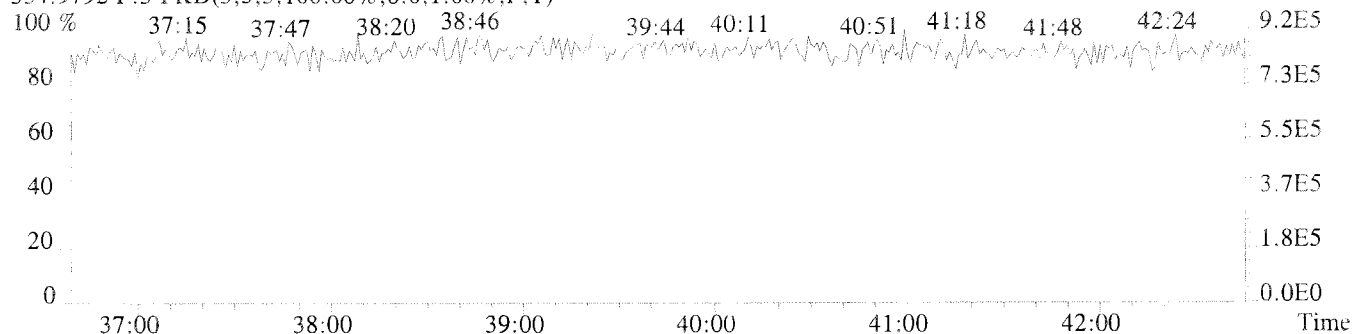
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1420.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1712.0,1.00%,F,T)



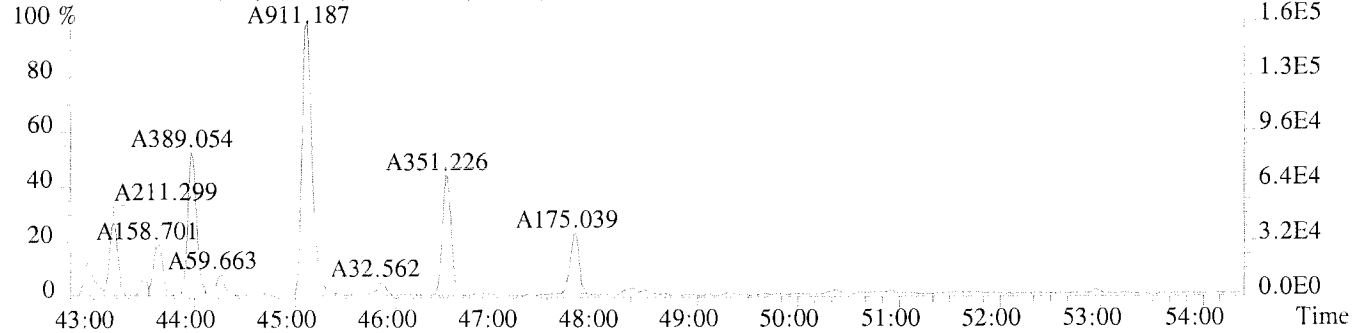
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



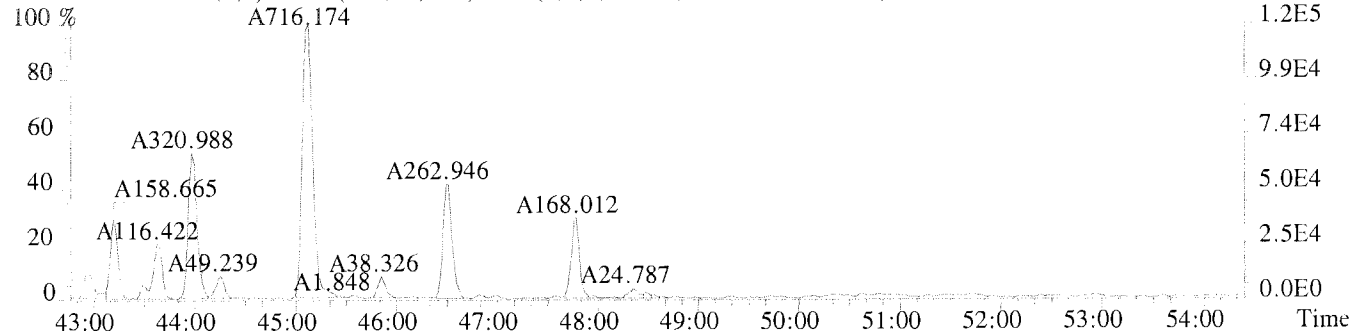
File:U224776 #1-577 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017DL USENE/W06

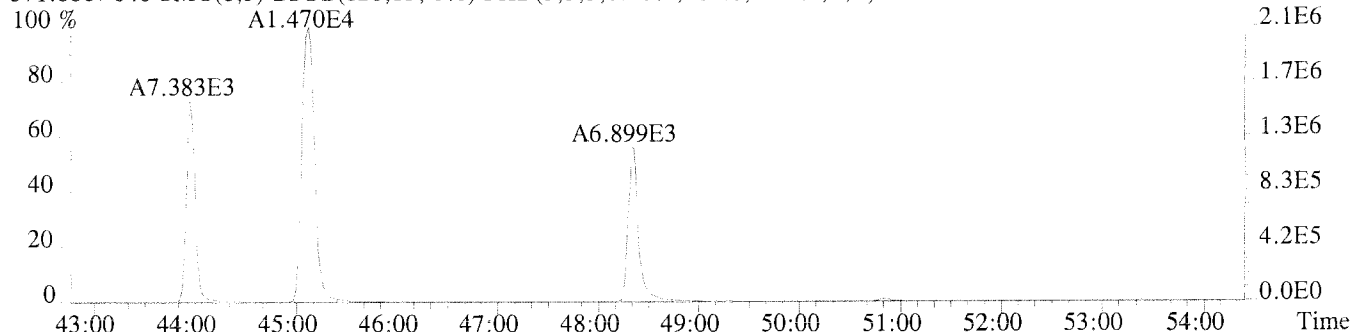
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1784.0,1.00%,F,T)



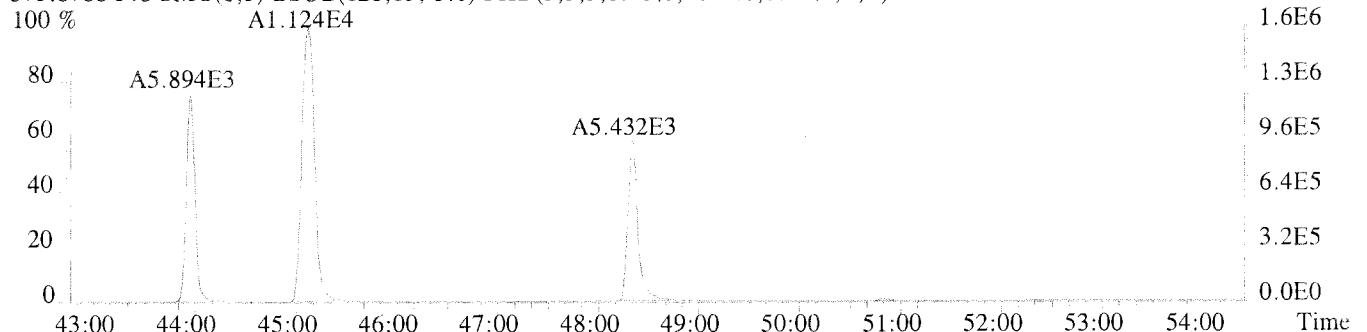
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1164.0,1.00%,F,T)



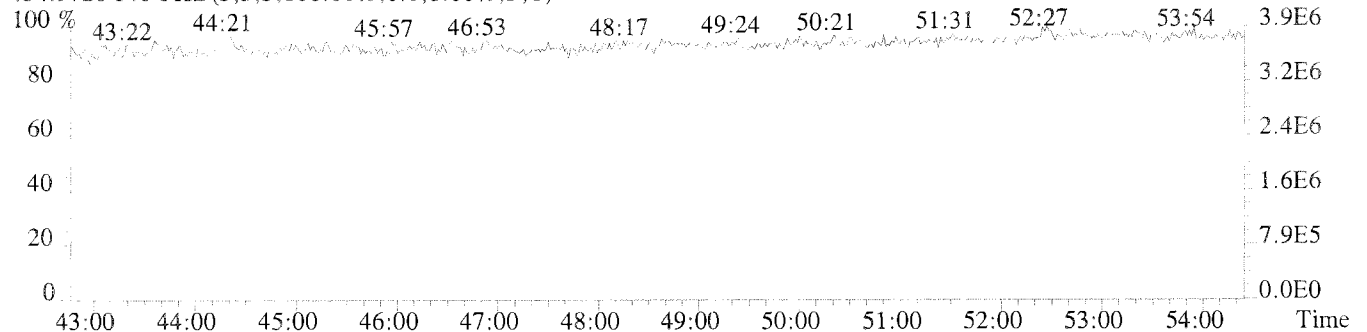
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,912.0,1.00%,F,T)



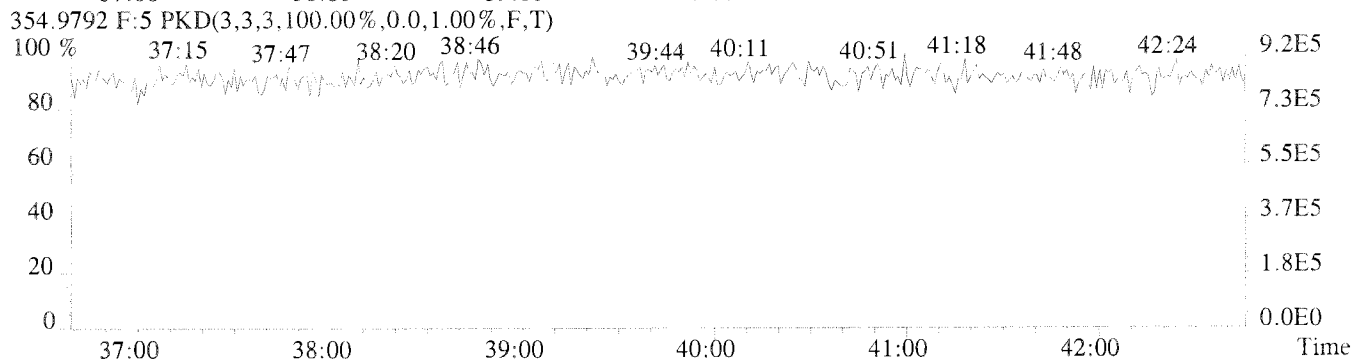
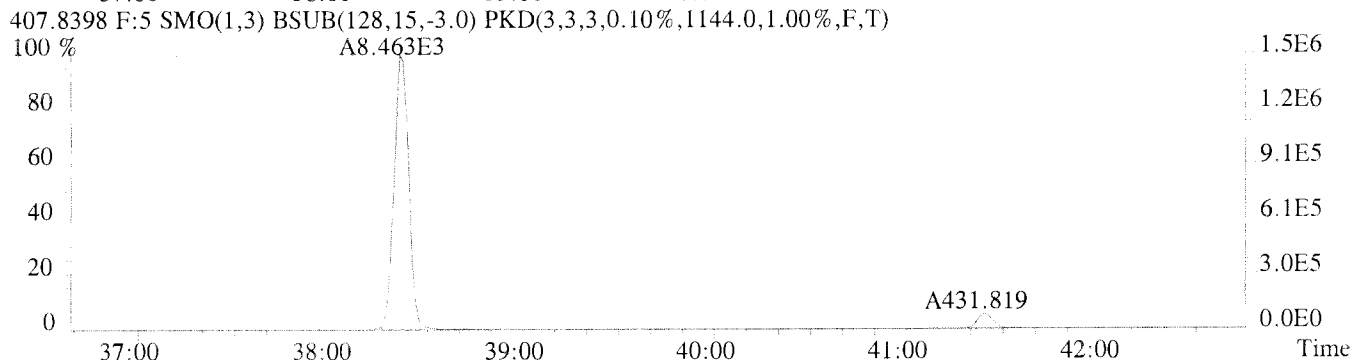
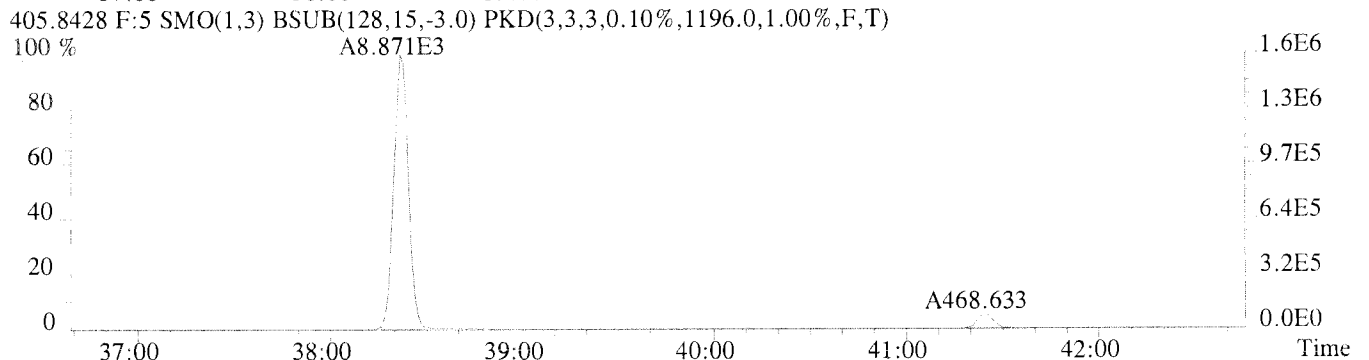
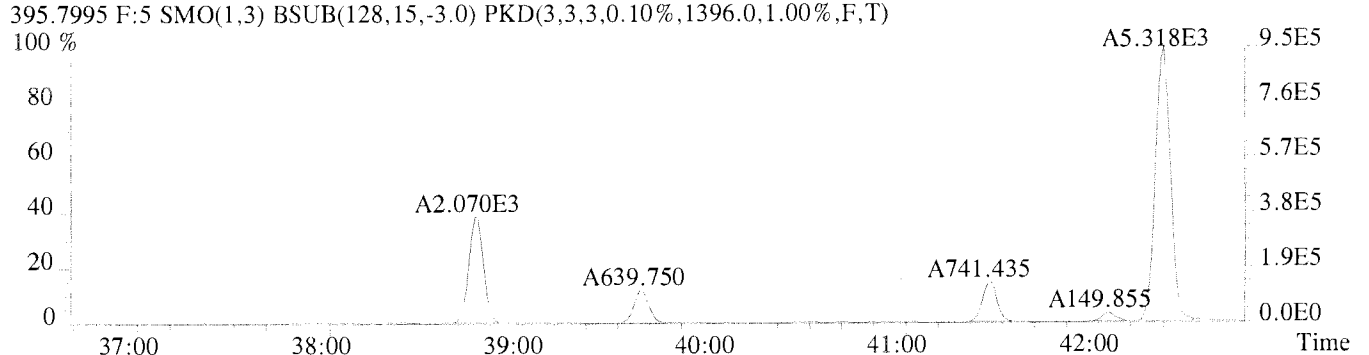
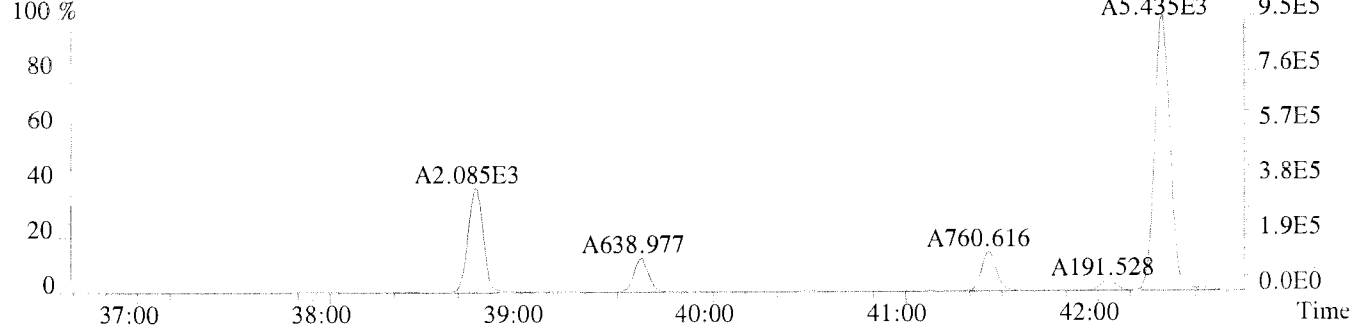
373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3872.0,1.00%,F,T)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



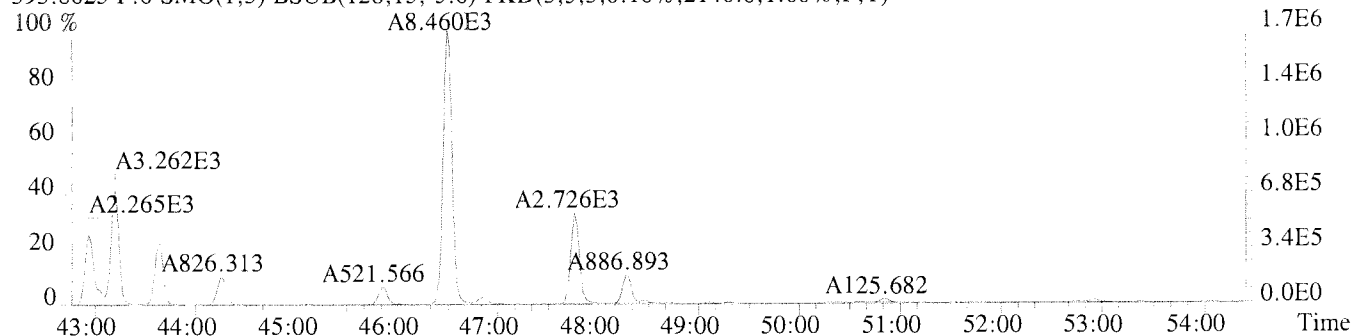
File:U224776 #1-391 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017DL USENE/W06



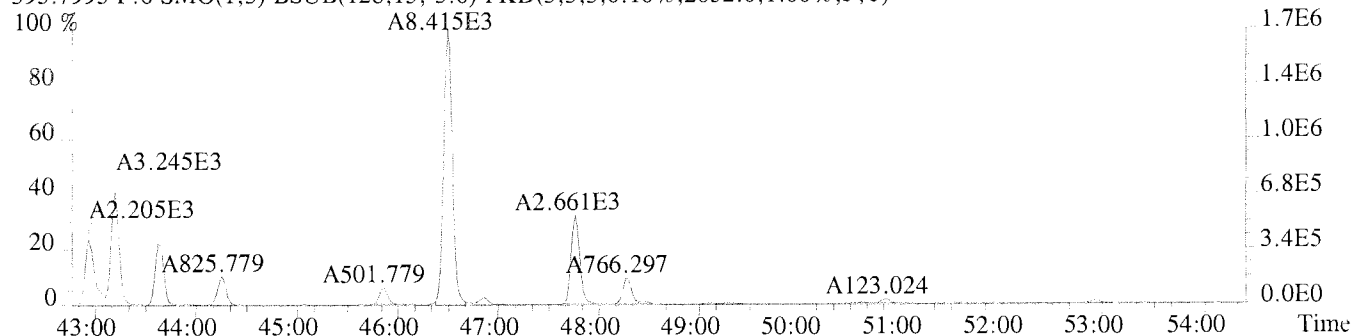
File:U224776 #1-577 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017DL USENE/W06

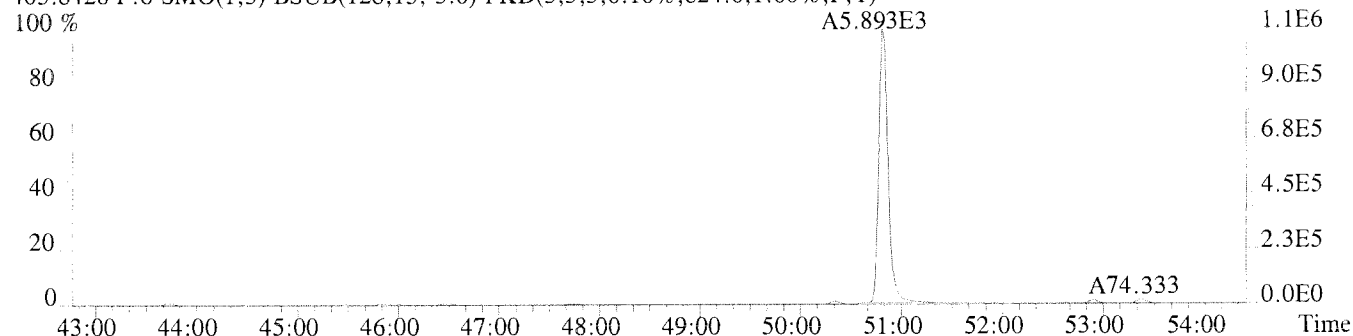
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2140.0,1.00%,F,T)



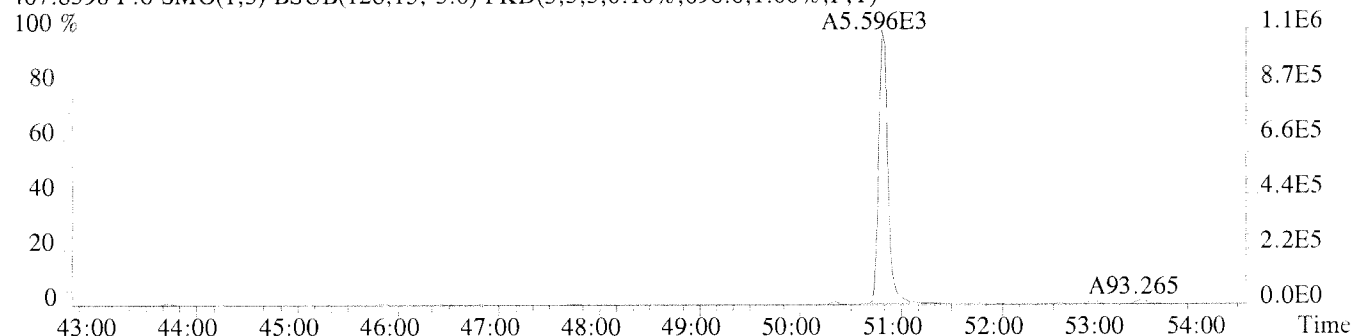
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2052.0,1.00%,F,T)



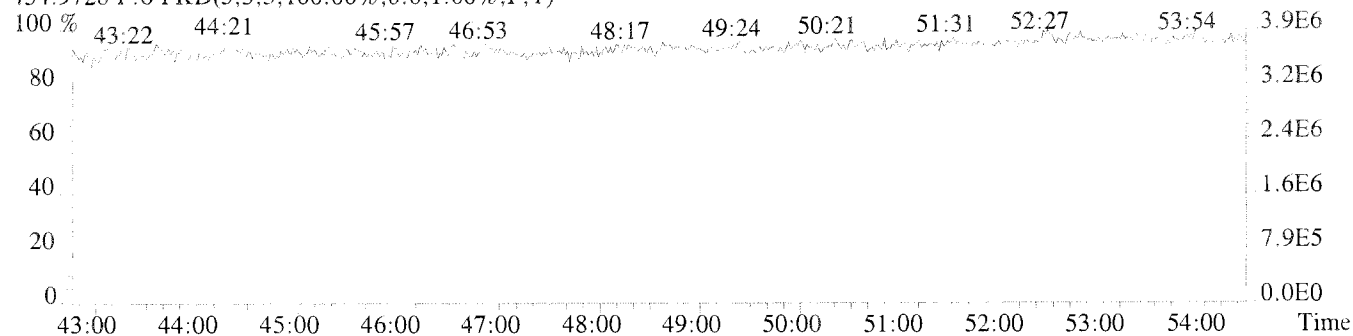
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,824.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,696.0,1.00%,F,T)

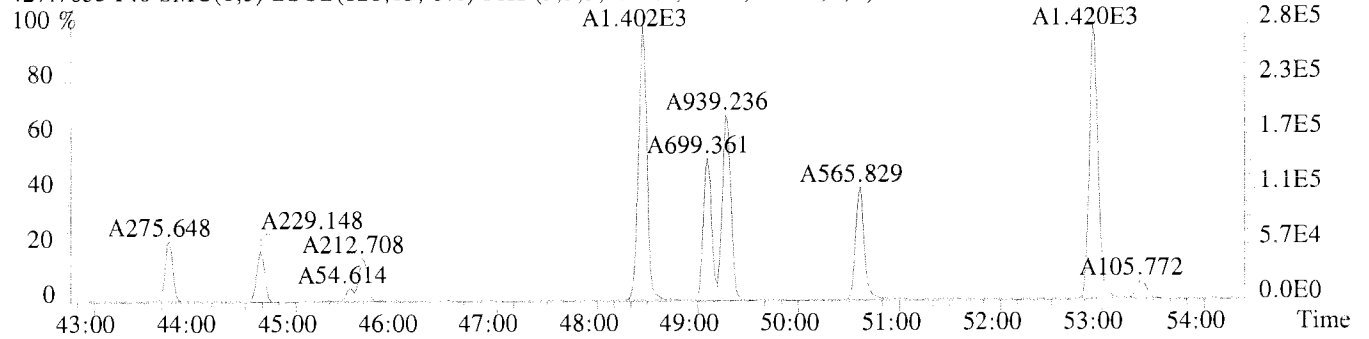


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

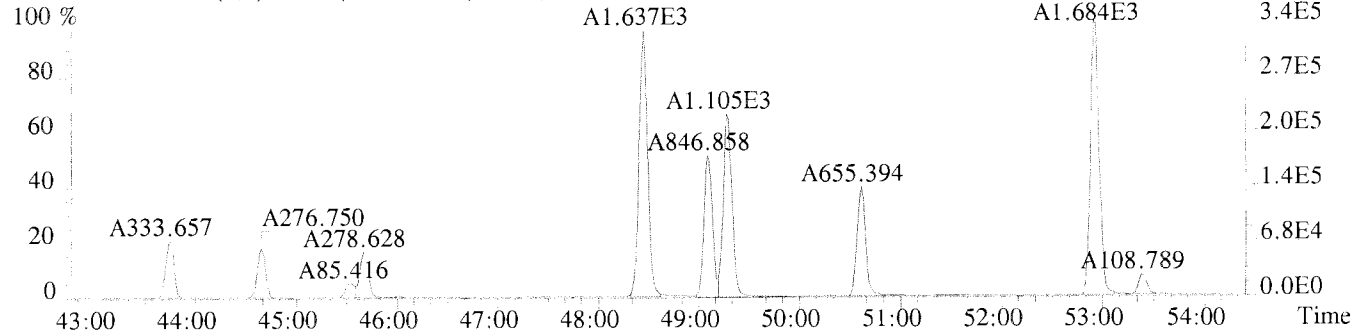


File:U224776 #1-577 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017DL USENE/W06

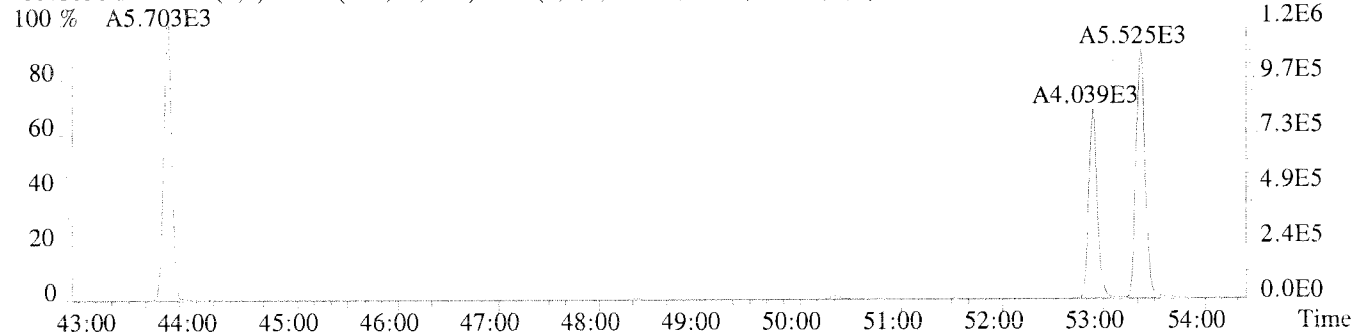
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,692.0,1.00%,F,T)



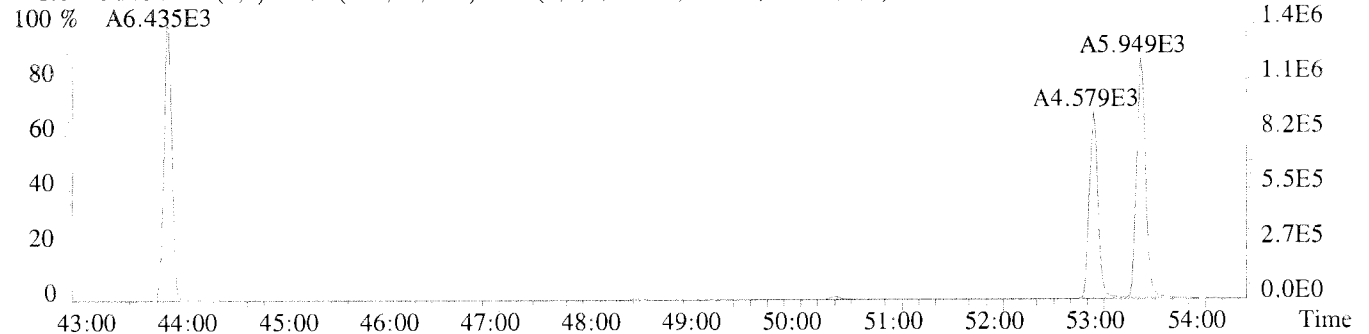
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,976.0,1.00%,F,T)



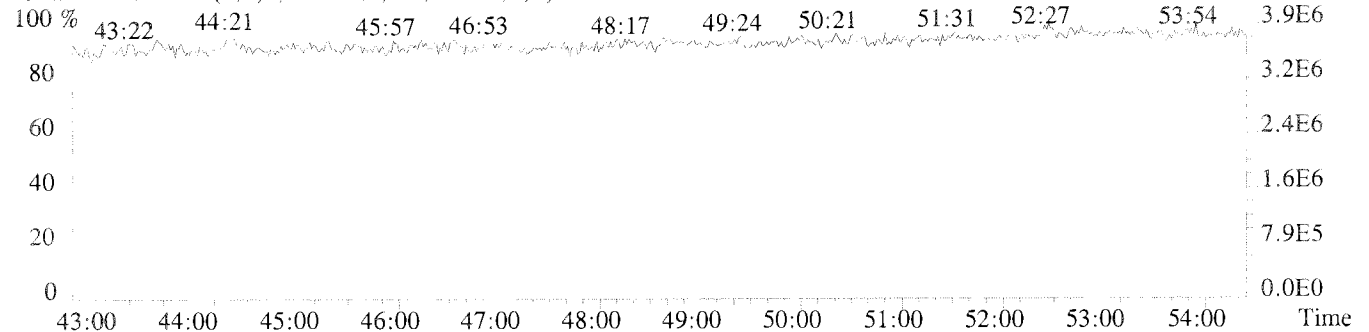
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,908.0,1.00%,F,T)



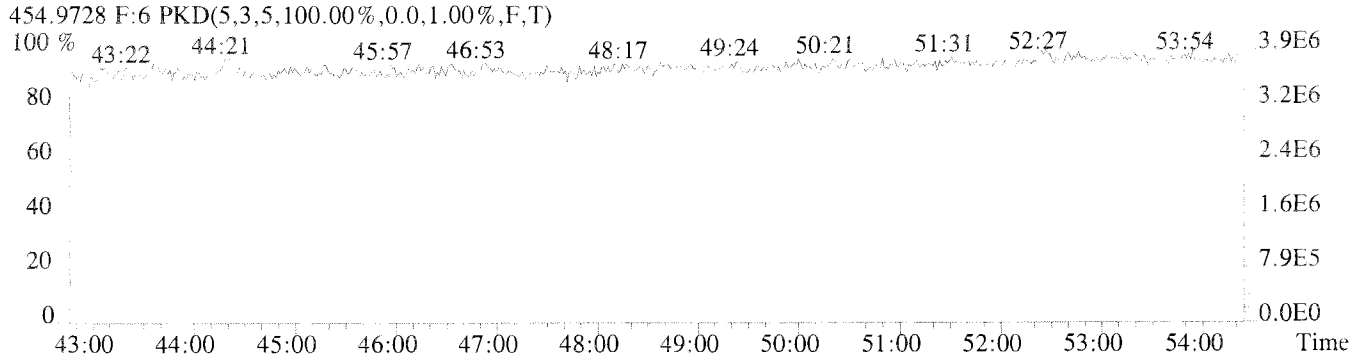
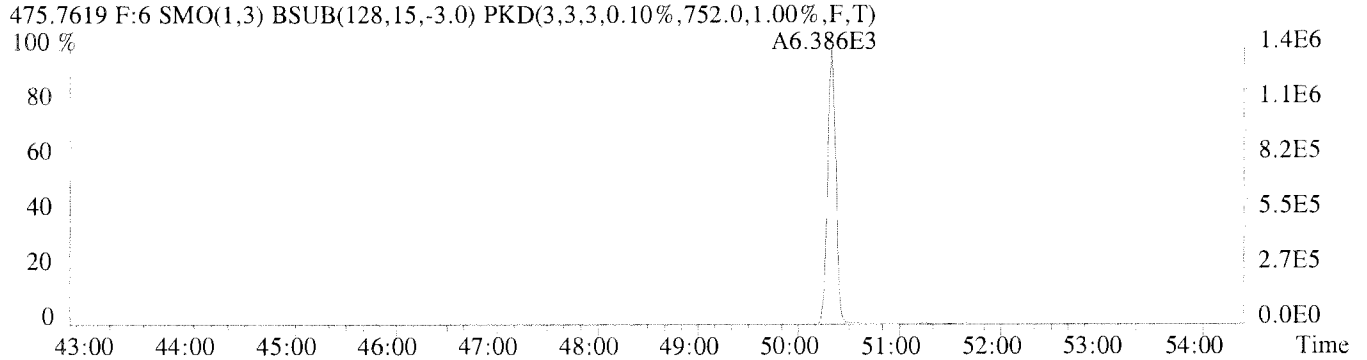
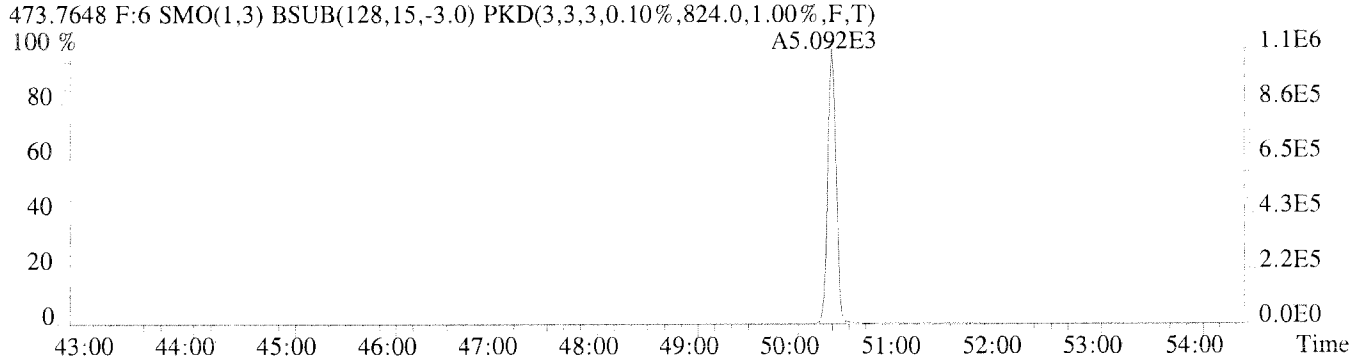
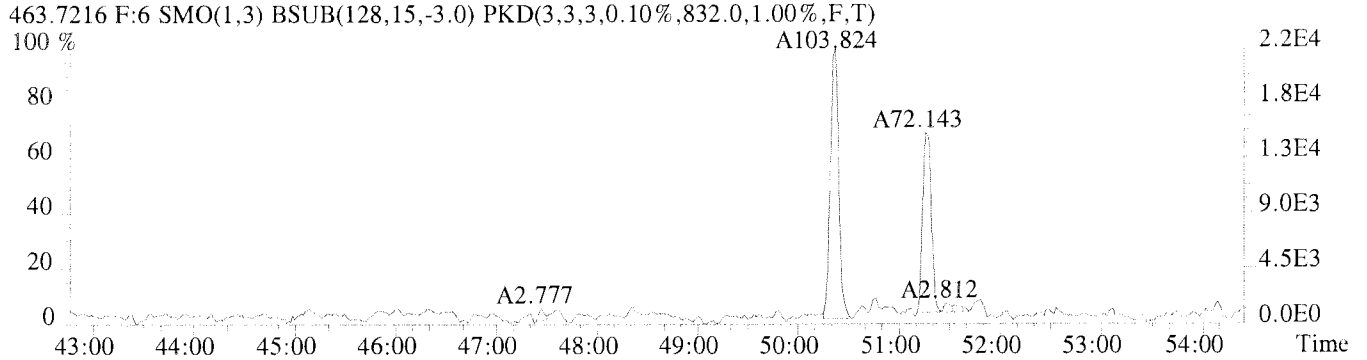
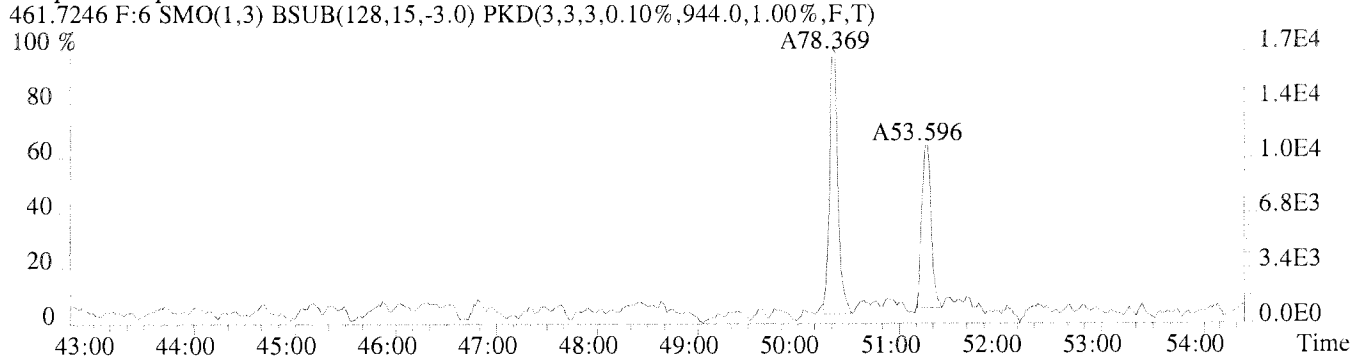
441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1048.0,1.00%,F,T)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



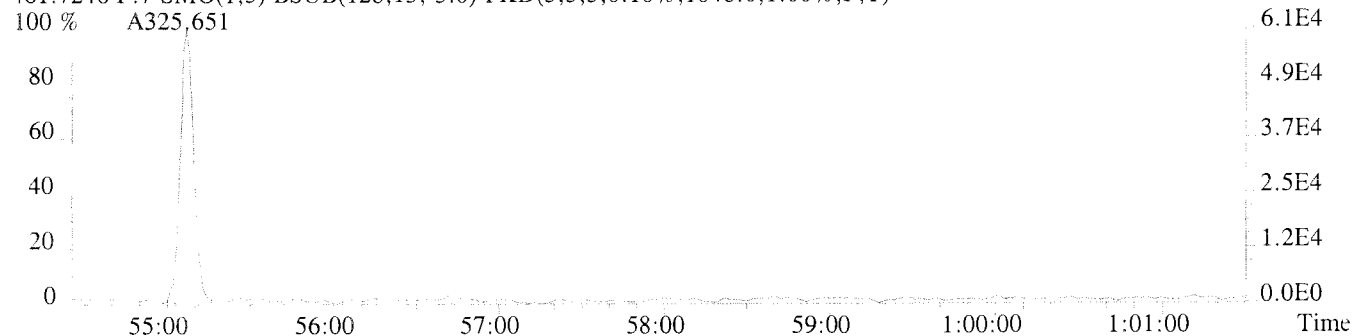
File:U224776 #1-577 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:K1013433-017DL USENE/W06



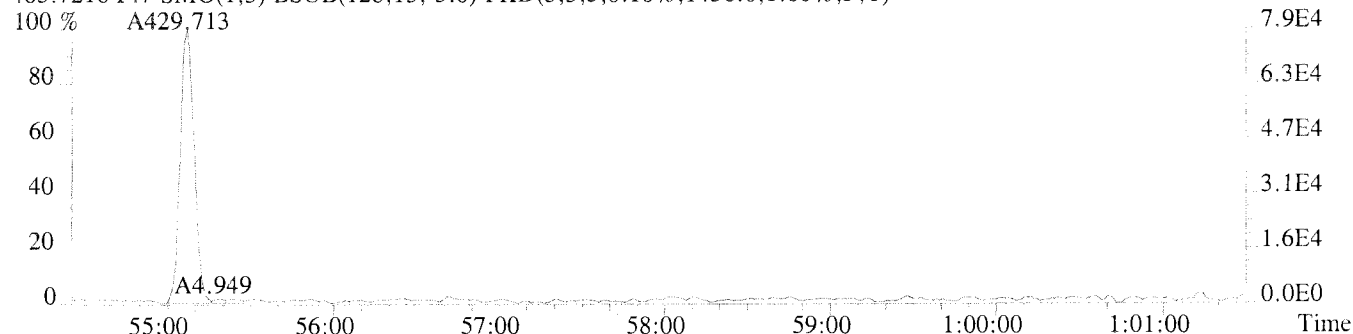
File:U224776 #1-400 Acq:17-JAN-2011 16:00:57 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:K1013433-017DL USENE/W06

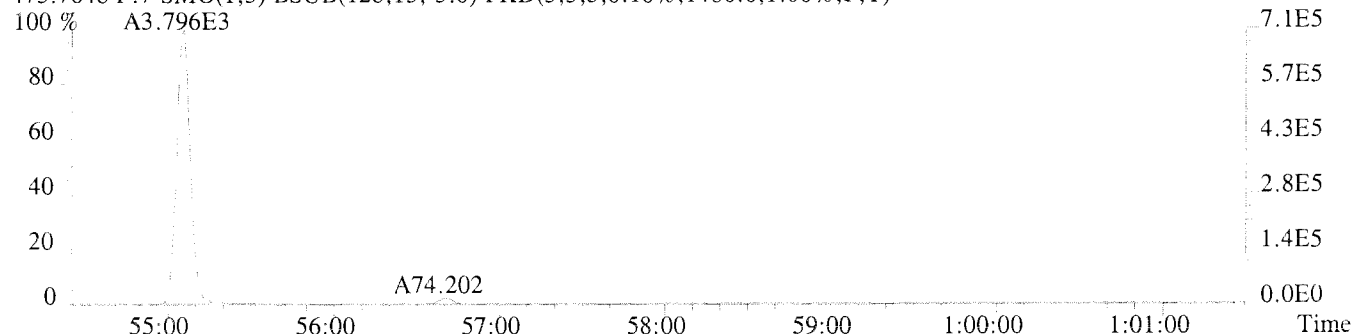
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1048.0,1.00%,F,T)



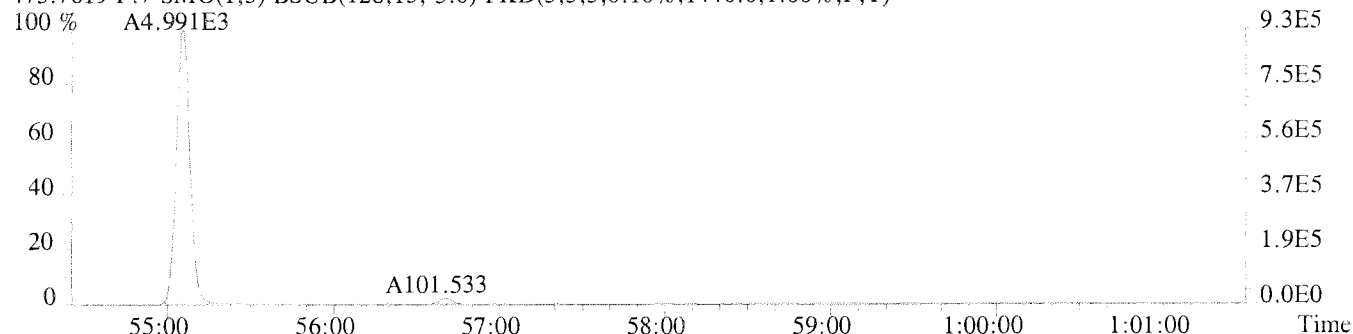
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1456.0,1.00%,F,T)



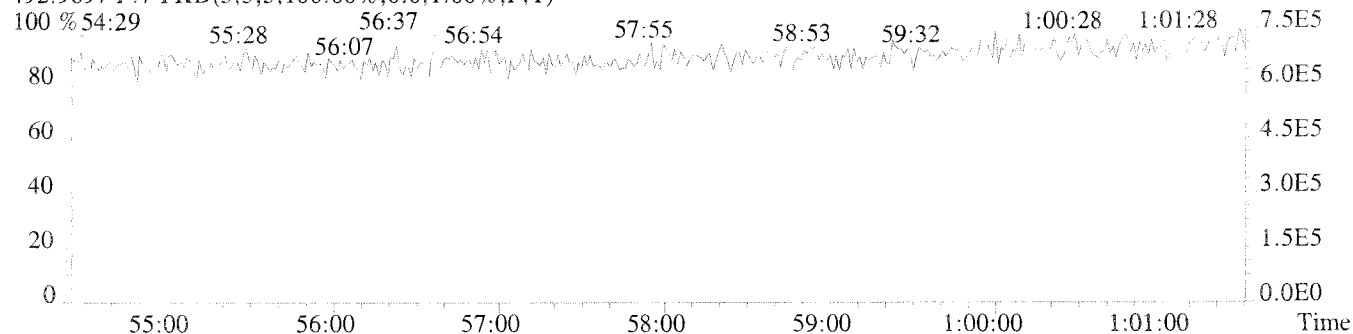
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1480.0,1.00%,F,T)

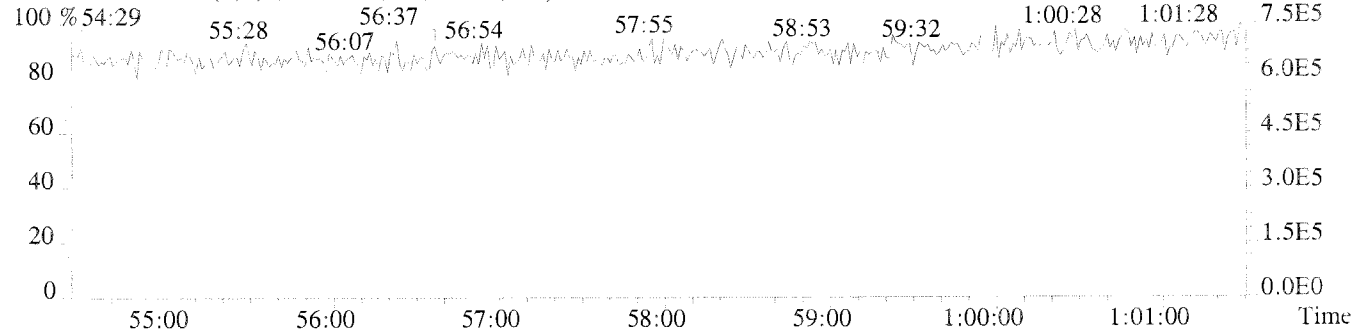
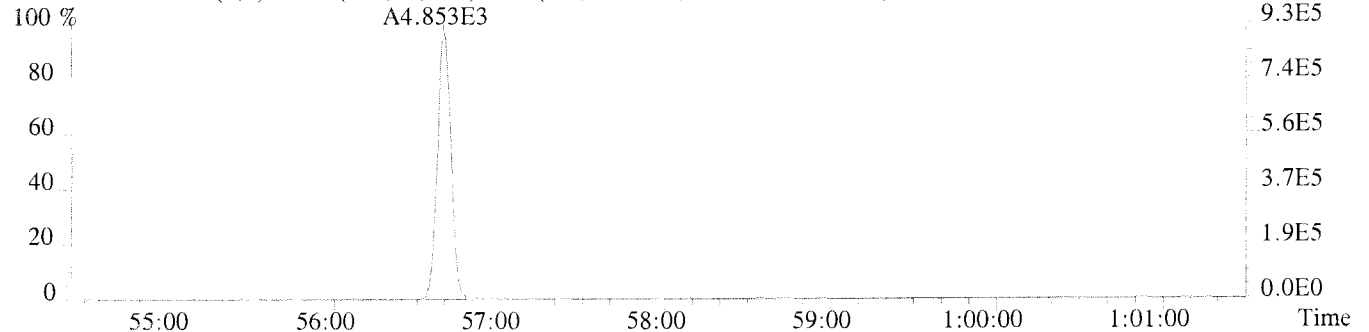
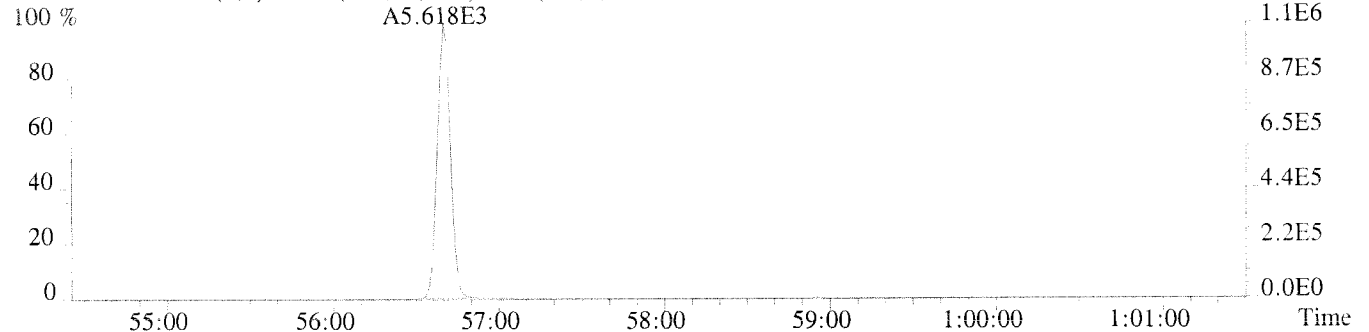
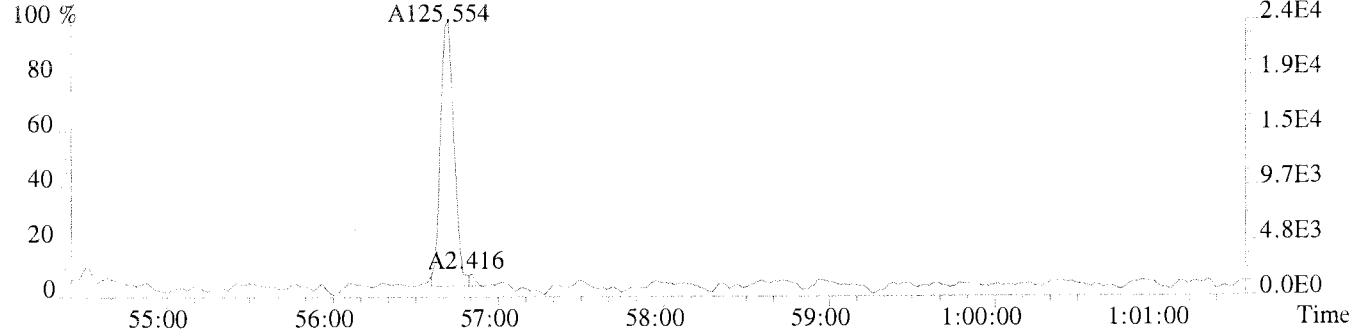
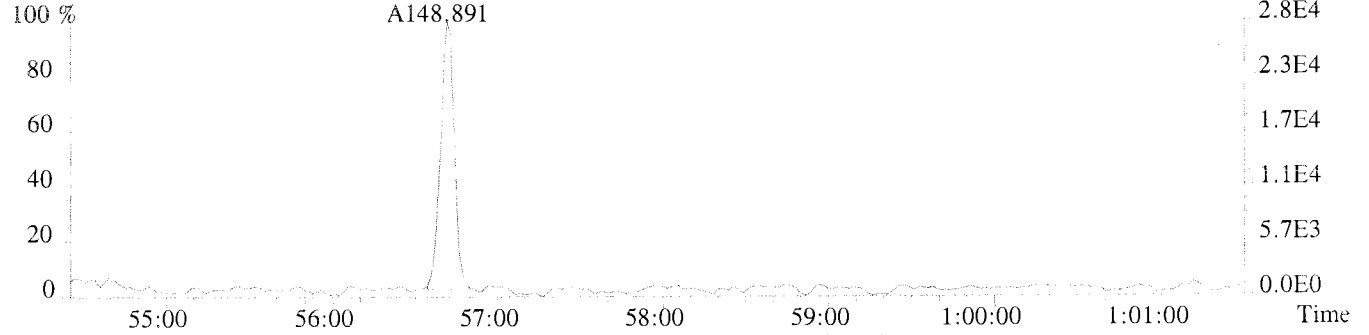


475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1440.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)





Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
METHOD BLANK

Run #9 Filename U224749 Samp: 1 Inj: 1 Acquired: 14-JAN-11 20:16:39
Processed: 17-JAN-11 09:52:02 Sample ID: EQ1100013-01

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet	Mod?	RRF	
1	1	PCB-1	NotFnd	*	*	*	n	n	1.0617
2	1	PCB-2	NotFnd	*	*	*	n	n	0.9704
3	1	PCB-3	NotFnd	*	*	*	n	n	1.0567
4	1	PCB-4	NotFnd	*	*	*	n	n	0.9523
5	1	PCB-10	NotFnd	*	*	*	n	n	1.3785
6	2	PCB-9	NotFnd	*	*	*	n	n	0.9612
7	2	PCB-7	NotFnd	*	*	*	n	n	1.0002
8	2	PCB-6	NotFnd	*	*	*	n	n	1.0339
9	2	PCB-5	NotFnd	*	*	*	n	n	0.8682
10	2	PCB-8	NotFnd	*	*	*	n	y	1.1200
11	2	PCB-14	NotFnd	*	*	*	n	n	1.0360
12	2	PCB-11	20:42	2.093e+03	1.271e+03	1.65	y	n	1.0194
13	2	PCB-12/13	NotFnd	*	*	*	n	n	1.0026
14	2	PCB-15	NotFnd	*	*	*	n	n	0.9734
15	2	PCB-19	NotFnd	*	*	*	n	n	1.0211
16	2	PCB-18/30	20:25	9.949e+01	8.987e+01	1.11	y	y	0.9619
17	2	PCB-17	20:48	3.651e+01	4.796e+01	0.76	n	y	0.8213
18	2	PCB-27	NotFnd	*	*	*	n	n	1.1610
19	2	PCB-24	NotFnd	*	*	*	n	n	1.0395
20	2	PCB-16	21:17	3.406e+01	3.062e+01	1.11	y	y	0.7028
21	2	PCB-32	21:47	5.219e+01	5.169e+01	1.01	y	y	1.2306
22	3	PCB-34	NotFnd	*	*	*	n	n	1.2167
23	3	PCB-23	NotFnd	*	*	*	n	n	1.1771
24	3	PCB-26/29	NotFnd	*	*	*	n	y	1.3051
25	3	PCB-25	NotFnd	*	*	*	n	n	1.4473
26	3	PCB-31	24:02	1.900e+02	1.720e+02	1.10	y	y	1.3289
27	3	PCB-20/28	24:20	2.372e+02	2.243e+02	1.06	y	y	1.2370
28	3	PCB-21/33	24:35	1.215e+02	1.408e+02	0.86	n	y	1.2980
29	3	PCB-22	24:58	7.764e+01	6.804e+01	1.14	y	y	1.1512
30	3	PCB-36	NotFnd	*	*	*	n	n	1.3385
31	3	PCB-39	NotFnd	*	*	*	n	n	1.2963
32	3	PCB-38	NotFnd	*	*	*	n	n	1.2983
33	3	PCB-35	NotFnd	*	*	*	n	n	1.2506
34	3	PCB-37	28:21	8.042e+01	7.114e+01	1.13	y	y	1.0819
35	2	PCB-54	NotFnd	*	*	*	n	n	0.9626
36	3	PCB-50/53	NotFnd	*	*	*	n	y	0.8145
37	3	PCB-45/51	24:27	2.529e+01	3.070e+01	0.82	y	y	0.7826
38	3	PCB-46	NotFnd	*	*	*	n	n	0.7142
39	3	PCB-52	26:09	1.849e+02	2.550e+02	0.73	y	y	0.8813
40	3	PCB-43/73	NotFnd	*	*	*	n	n	0.8676
41	3	PCB-49/69	26:39	7.432e+01	8.528e+01	0.87	y	n	0.9971
42	3	PCB-48	26:55	1.746e+01	2.429e+01	0.72	y	y	0.8258
43	3	PCB-44/47/65	27:10	1.664e+02	2.030e+02	0.82	y	n	0.9170
44	3	PCB-59/62/75	NotFnd	*	*	*	n	y	1.1069
45	3	PCB-42	27:41	1.888e+01	2.485e+01	0.76	y	y	0.8357
46	3	PCB-40/41/71	28:11	4.926e+01	6.358e+01	0.77	y	y	0.8356
47	3	PCB-64	28:24	7.206e+01	9.123e+01	0.79	y	y	1.1693
48	3	PCB-72	NotFnd	*	*	*	n	n	1.1917
49	3	PCB-68	NotFnd	*	*	*	n	n	1.1605
50	3	PCB-57	NotFnd	*	*	*	n	n	1.1554

51	3	PCB-58	NotFnd	*	*	*	n	n	1.1364
52	3	PCB-67	NotFnd	*	*	*	n	n	1.2931
53	3	PCB-63	NotFnd	*	*	*	n	n	1.2433
54	3	PCB-61/70/74/76	30:56	2.193e+02	3.323e+02	0.66	y	y	1.1652
55	3	PCB-66	31:15	1.090e+02	1.555e+02	0.70	y	y	1.2268
56	3	PCB-55	NotFnd	*	*	*	n	n	1.0507
57	4	PCB-56	31:55	5.595e+01	4.610e+01	1.21	n	y	1.0877
58	4	PCB-60	NotFnd	*	*	*	n	y	1.0815
59	4	PCB-80	NotFnd	*	*	*	n	n	1.2762
60	4	PCB-79	NotFnd	*	*	*	n	n	1.3021
61	4	PCB-78	NotFnd	*	*	*	n	n	1.1577
62	4	PCB-81	NotFnd	*	*	*	n	n	1.0839
63	4	PCB-77	NotFnd	*	*	*	n	n	1.0368
64	3	PCB-104	NotFnd	*	*	*	n	n	1.0032
65	3	PCB-96	NotFnd	*	*	*	n	n	0.9461
66	3	PCB-103	NotFnd	*	*	*	n	n	0.8131
67	3	PCB-94	NotFnd	*	*	*	n	n	0.6539
68	3	PCB-95	30:03	1.845e+02	1.270e+02	1.45	y	n	0.7546
69	3	PCB-93/100	NotFnd	*	*	*	n	n	0.7009
70	3	PCB-98/102	NotFnd	*	*	*	n	n	0.7426
71	3	PCB-88/91	30:54	3.243e+01	2.146e+01	1.51	y	n	0.7176
72	3	PCB-84	31:09	5.742e+01	4.123e+01	1.39	y	n	0.6633
73	3	PCB-89	NotFnd	*	*	*	n	n	0.6954
74	4	PCB-121	NotFnd	*	*	*	n	n	0.9310
75	4	PCB-92	32:22	4.518e+01	2.005e+01	2.25	n	y	0.7068
76	4	PCB-90/101/113	32:57	2.223e+02	1.334e+02	1.67	y	n	0.8027
77	4	PCB-83/99	33:33	1.100e+02	6.361e+01	1.73	y	y	0.6796
78	4	PCB-112	NotFnd	*	*	*	n	n	1.0127
79	4	PCB-86/87/97/109/119/125	34:09	1.435e+02	1.046e+02	1.37	y	y	0.8230
80	4	PCB-117	NotFnd	*	*	*	n	n	0.8484
81	4	PCB-85/116	NotFnd	*	*	*	n	n	0.8859
82	4	PCB-110/115	34:56	2.856e+02	1.831e+02	1.56	y	y	0.9685
83	4	PCB-82	NotFnd	*	*	*	n	n	0.6546
84	4	PCB-111	NotFnd	*	*	*	n	n	0.9211
85	4	PCB-120	NotFnd	*	*	*	n	n	1.0275
86	5	PCB-108/124	NotFnd	*	*	*	n	n	0.9125
87	5	PCB-107	NotFnd	*	*	*	n	n	1.0384
88	5	PCB-123	NotFnd	*	*	*	n	n	1.0758
89	5	PCB-106	NotFnd	*	*	*	n	n	1.0932
90	5	PCB-118	37:54	2.020e+02	1.340e+02	1.51	y	n	1.1029
91	5	PCB-122	NotFnd	*	*	*	n	n	0.9458
92	5	PCB-114	NotFnd	*	*	*	n	n	1.0787
93	5	PCB-105	39:06	7.684e+01	5.482e+01	1.40	y	y	1.0593
94	5	PCB-127	NotFnd	*	*	*	n	n	0.9685
95	5	PCB-126	NotFnd	*	*	*	n	n	1.0408
96	4	PCB-155	NotFnd	*	*	*	n	n	0.9771
97	4	PCB-152	NotFnd	*	*	*	n	n	1.1965
98	4	PCB-150	NotFnd	*	*	*	n	n	1.1050
99	4	PCB-136	33:30	2.864e+01	2.084e+01	1.37	y	y	1.1661
100	4	PCB-145	NotFnd	*	*	*	n	n	1.0778
101	4	PCB-148	NotFnd	*	*	*	n	n	0.8871
102	4	PCB-135/151	35:50	3.664e+01	2.507e+01	1.46	n	y	0.8522
103	4	PCB-154	NotFnd	*	*	*	n	n	1.0188
104	4	PCB-144	NotFnd	*	*	*	n	y	0.9007
105	5	PCB-147/149	36:46	8.216e+01	6.957e+01	1.18	y	y	0.9377
106	5	PCB-134	NotFnd	*	*	*	n	n	0.7677
107	5	PCB-143	NotFnd	*	*	*	n	n	0.9456

108	5	PCB-139/140	NotFnd	*	*	*	n	n	0.9451
109	5	PCB-131	NotFnd	*	*	*	n	n	0.8664
110	5	PCB-142	NotFnd	*	*	*	n	n	0.8466
111	5	PCB-132	38:02	3.725e+01	2.274e+01	1.64	n	y	0.8083
112	5	PCB-133	NotFnd	*	*	*	n	n	0.8767
113	5	PCB-165	NotFnd	*	*	*	n	n	1.0856
114	5	PCB-146	NotFnd	*	*	*	n	n	1.0588
115	5	PCB-161	NotFnd	*	*	*	n	n	1.2250
116	5	PCB-153/168	39:45	8.050e+01	6.790e+01	1.19	y	y	1.1005
117	5	PCB-141	NotFnd	*	*	*	n	y	0.9429
118	5	PCB-130	NotFnd	*	*	*	n	n	0.8205
119	5	PCB-137	NotFnd	*	*	*	n	n	0.9029
120	5	PCB-164	NotFnd	*	*	*	n	n	1.1633
121	5	PCB-129/138/163	41:00	1.310e+02	8.471e+01	1.55	n	n	0.9643
122	5	PCB-160	NotFnd	*	*	*	n	n	1.1134
123	5	PCB-158	NotFnd	*	*	*	n	n	1.3050
124	5	PCB-128/166	NotFnd	*	*	*	n	y	1.0220
125	6	PCB-159	NotFnd	*	*	*	n	n	1.0406
126	6	PCB-162	NotFnd	*	*	*	n	n	1.0021
127	6	PCB-167	NotFnd	*	*	*	n	n	1.0299
128	6	PCB-156/157	NotFnd	*	*	*	n	n	1.0644
129	6	PCB-169	NotFnd	*	*	*	n	n	1.0362
130	5	PCB-188	NotFnd	*	*	*	n	n	0.9497
131	5	PCB-179	NotFnd	*	*	*	n	y	1.1594
132	5	PCB-184	NotFnd	*	*	*	n	n	1.1040
133	5	PCB-176	NotFnd	*	*	*	n	n	1.1081
134	5	PCB-186	NotFnd	*	*	*	n	n	1.0221
135	5	PCB-178	NotFnd	*	*	*	n	n	0.7873
136	5	PCB-175	NotFnd	*	*	*	n	n	0.8326
137	5	PCB-187	NotFnd	*	*	*	n	n	0.8686
138	5	PCB-182	NotFnd	*	*	*	n	n	0.8571
139	6	PCB-183	NotFnd	*	*	*	n	n	0.6804
140	6	PCB-185	NotFnd	*	*	*	n	n	0.6925
141	6	PCB-174	NotFnd	*	*	*	n	n	0.6836
142	6	PCB-177	NotFnd	*	*	*	n	n	0.6459
143	6	PCB-181	NotFnd	*	*	*	n	n	0.6473
144	6	PCB-171/173	NotFnd	*	*	*	n	n	0.6352
145	6	PCB-172	NotFnd	*	*	*	n	n	0.6241
146	6	PCB-192	NotFnd	*	*	*	n	n	0.7467
147	6	PCB-180/193	NotFnd	*	*	*	n	n	0.7630
148	6	PCB-191	NotFnd	*	*	*	n	n	0.8323
149	6	PCB-170	NotFnd	*	*	*	n	n	0.5878
150	6	PCB-190	NotFnd	*	*	*	n	n	0.8945
151	6	PCB-189	NotFnd	*	*	*	n	n	0.9118
152	6	PCB-202	NotFnd	*	*	*	n	n	0.8687
153	6	PCB-201	NotFnd	*	*	*	n	n	1.0150
154	6	PCB-204	NotFnd	*	*	*	n	n	1.0045
155	6	PCB-197	NotFnd	*	*	*	n	n	1.0194
156	6	PCB-200	NotFnd	*	*	*	n	n	0.9761
157	6	PCB-198/199	NotFnd	*	*	*	n	n	0.6882
158	6	PCE-196	NotFnd	*	*	*	n	n	0.7301
159	6	PCB-203	NotFnd	*	*	*	n	n	0.7310
160	6	PCE-195	NotFnd	*	*	*	n	n	0.6824
161	6	PCB-194	NotFnd	*	*	*	n	n	0.6889
162	6	PCB-205	NotFnd	*	*	*	n	n	0.9331
163	6	PCB-208	NotFnd	*	*	*	n	n	0.9147
164	6	PCB-207	NotFnd	*	*	*	n	n	0.9673

165	7	PCB-206	NotFnd		*		*		*	n	n	0.9373
166	7	PCB-209	NotFnd		*		*		*	n	n	0.9245
167	1	PCB-1L	12:57		3.822e+04		1.288e+04		2.97	y	n	1.1619
168	1	PCB-3L	15:10		3.893e+04		1.238e+04		3.15	y	n	1.1871
169	1	PCB-4L	15:25		2.351e+04		1.486e+04		1.58	y	n	0.9067
170	2	PCB-15L	21:19		2.811e+04		1.823e+04		1.54	y	n	1.0299
171	2	PCB-19L	18:35		1.413e+04		1.373e+04		1.03	y	n	0.6145
172	3	PCB-37L	28:19		2.517e+04		2.410e+04		1.04	y	n	1.3198
173	2	PCB-54L	21:37		1.545e+04		1.889e+04		0.82	y	n	1.2606
174	4	PCB-81L	35:02		1.797e+04		2.338e+04		0.77	y	n	1.0877
175	4	PCB-77L	35:36		1.897e+04		2.391e+04		0.79	y	n	1.0905
176	3	PCB-104L	27:04		2.334e+04		1.469e+04		1.59	y	n	1.4802
177	5	PCB-123L	37:33		2.352e+04		1.531e+04		1.54	y	n	1.2142
178	5	PCB-118L	37:53		2.409e+04		1.563e+04		1.54	y	n	1.2461
179	5	PCB-114L	38:24		2.370e+04		1.522e+04		1.56	y	n	1.2363
180	5	PCB-105L	39:04		2.442e+04		1.569e+04		1.56	y	n	1.1971
181	5	PCB-126L	42:08		2.600e+04		1.687e+04		1.54	y	n	1.1046
182	4	PCB-155L	32:41		2.097e+04		1.669e+04		1.26	y	n	1.5987
183	6	PCB-167L	43:58		1.736e+04		1.381e+04		1.26	y	n	1.0506
184	6	PCB-156/157L	45:07		3.416e+04		2.673e+04		1.28	y	n	0.9622
185	6	PCB-169L	48:21		1.585e+04		1.245e+04		1.27	y	n	0.8858
186	5	PCB-188L	38:23		1.822e+04		1.723e+04		1.06	y	n	2.4832
187	6	PCB-189L	50:50		1.408e+04		1.338e+04		1.05	y	n	1.5028
188	6	PCB-202L	43:44		1.219e+04		1.342e+04		0.91	y	n	1.7573
189	6	PCB-205L	53:23		1.162e+04		1.283e+04		0.91	y	n	1.3167
190	6	PCB-208L	50:21		9.219e+03		1.151e+04		0.80	y	n	1.4456
191	7	PCB-206L	55:06		9.653e+03		1.224e+04		0.79	y	n	1.1761
192	7	PCB-209L	56:41		1.343e+04		1.105e+04		1.21	y	n	1.6061
193	3	PCB-28L	24:19		2.638e+04		2.600e+04		1.01	y	n	1.5382
194	4	PCB-111L	35:35		2.278e+04		1.453e+04		1.57	y	n	1.2383
195	5	PCB-178L	41:25		1.213e+04		1.149e+04		1.06	y	n	1.3547
196	2	PCB-9L	17:28		5.185e+04		3.378e+04		1.53	y	n	-
197	3	PCB-52L	26:08		2.810e+04		3.549e+04		0.79	y	n	-
198	4	PCB-101L	32:56		3.437e+04		2.178e+04		1.58	y	n	-
199	5	PCB-138L	40:58		3.559e+04		2.774e+04		1.28	y	n	-
200	6	PCB-194L	52:55		1.520e+04		1.675e+04		0.91	y	n	-

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
METHOD BLANK

Run #9 Filename U224749#1 Samp: 1 Inj: 1 Acquired: 14-JAN-11 20:16:39

Processed: 17-JAN-11 09:52:02 LAB. ID: EQ1100013-01

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	*	1.96e+03	*	*	1.71e+03	*
2	PCB-2	*	1.96e+03	*	*	1.71e+03	*
3	PCB-3	*	1.96e+03	*	*	1.71e+03	*
4	PCB-4	*	4.54e+03	*	*	4.54e+04	*
5	PCB-10	*	4.54e+03	*	*	4.54e+04	*
6	PCB-9	*	1.53e+03	*	*	8.75e+03	*
7	PCB-7	*	1.53e+03	*	*	8.75e+03	*
8	PCB-6	*	1.53e+03	*	*	8.75e+03	*
9	PCB-5	*	1.53e+03	*	*	8.75e+03	*
10	PCB-8	*	1.53e+03	*	*	8.75e+03	*
11	PCB-14	*	1.53e+03	*	*	8.75e+03	*
12	PCB-11	4.04e+05	1.53e+03	2.6e+02	2.48e+05	8.75e+03	2.8e+01
13	PCB-12/13	*	1.53e+03	*	*	8.75e+03	*
14	PCB-15	*	1.53e+03	*	*	8.75e+03	*
15	PCB-19	*	2.30e+03	*	*	1.88e+03	*
16	PCB-18/30	2.27e+04	2.30e+03	9.9e+00	2.05e+04	1.88e+03	1.1e+01
17	PCB-17	8.28e+03	2.30e+03	3.6e+00	1.03e+04	1.88e+03	5.5e+00
18	PCB-27	*	2.30e+03	*	*	1.88e+03	*
19	PCB-24	*	2.30e+03	*	*	1.88e+03	*
20	PCB-16	7.50e+03	2.30e+03	3.3e+00	6.53e+03	1.88e+03	3.5e+00
21	PCB-32	1.08e+04	2.30e+03	4.7e+00	9.74e+03	1.88e+03	5.2e+00
22	PCB-34	*	2.29e+03	*	*	1.75e+03	*
23	PCB-23	*	2.29e+03	*	*	1.75e+03	*
24	PCB-26/29	*	2.29e+03	*	*	1.75e+03	*
25	PCB-25	*	2.29e+03	*	*	1.75e+03	*
26	PCB-31	3.28e+04	2.29e+03	1.4e+01	3.00e+04	1.75e+03	1.7e+01
27	PCB-20/28	3.72e+04	2.29e+03	1.6e+01	3.80e+04	1.75e+03	2.2e+01
28	PCB-21/33	2.13e+04	2.29e+03	9.3e+00	2.34e+04	1.75e+03	1.3e+01
29	PCB-22	1.45e+04	2.29e+03	6.3e+00	1.33e+04	1.75e+03	7.6e+00
30	PCB-36	*	2.29e+03	*	*	1.75e+03	*
31	PCB-39	*	2.29e+03	*	*	1.75e+03	*
32	PCB-38	*	2.29e+03	*	*	1.75e+03	*
33	PCB-35	*	2.29e+03	*	*	1.75e+03	*
34	PCB-37	1.37e+04	2.29e+03	6.0e+00	1.08e+04	1.75e+03	6.2e+00
35	PCB-54	*	1.26e+03	*	*	7.64e+02	*
36	PCB-50/53	*	1.08e+03	*	*	8.04e+02	*
37	PCB-45/51	2.73e+03	1.08e+03	2.5e+00	3.81e+03	8.04e+02	4.7e+00
38	PCB-46	*	1.08e+03	*	*	8.04e+02	*
39	PCB-52	3.45e+04	1.08e+03	3.2e+01	5.19e+04	8.04e+02	6.5e+01
40	PCB-43/73	*	1.08e+03	*	*	8.04e+02	*
41	PCB-49/69	1.49e+04	1.08e+03	1.4e+01	1.53e+04	8.04e+02	1.9e+01
42	PCB-48	3.61e+03	1.08e+03	3.4e+00	4.72e+03	8.04e+02	5.9e+00
43	PCB-44/47/65	2.78e+04	1.08e+03	2.6e+01	3.16e+04	8.04e+02	3.9e+01
44	PCB-59/62/75	*	1.08e+03	*	*	8.04e+02	*
45	PCB-42	4.04e+03	1.08e+03	3.8e+00	4.88e+03	8.04e+02	6.1e+00
46	PCB-40/41/71	7.02e+03	1.08e+03	6.5e+00	1.17e+04	8.04e+02	1.5e+01
47	PCB-64	1.14e+04	1.08e+03	1.1e+01	1.65e+04	8.04e+02	2.1e+01

48	PCB-72	*	1.08e+03	*	*	8.04e+02	*
49	PCB-68	*	1.08e+03	*	*	8.04e+02	*
50	PCB-57	*	1.08e+03	*	*	8.04e+02	*
51	PCB-58	*	1.08e+03	*	*	8.04e+02	*
52	PCB-67	*	1.08e+03	*	*	8.04e+02	*
53	PCB-63	*	1.08e+03	*	*	8.04e+02	*
54	PCB-61/70/74/76	2.81e+04	1.08e+03	2.6e+01	3.98e+04	8.04e+02	4.9e+01
55	PCB-66	1.62e+04	1.08e+03	1.5e+01	2.59e+04	8.04e+02	3.2e+01
56	PCB-55	*	1.08e+03	*	*	8.04e+02	*
57	PCB-56	9.84e+03	1.17e+03	8.4e+00	8.21e+03	1.57e+03	5.2e+00
58	PCB-60	*	1.17e+03	*	*	1.57e+03	*
59	PCB-80	*	1.17e+03	*	*	1.57e+03	*
60	PCB-79	*	1.17e+03	*	*	1.57e+03	*
61	PCB-78	*	1.17e+03	*	*	1.57e+03	*
62	PCB-81	*	1.17e+03	*	*	1.57e+03	*
63	PCB-77	*	1.17e+03	*	*	1.57e+03	*
64	PCB-104	*	8.52e+02	*	*	1.02e+03	*
65	PCB-96	*	8.52e+02	*	*	1.02e+03	*
66	PCB-103	*	8.52e+02	*	*	1.02e+03	*
67	PCB-94	*	8.52e+02	*	*	1.02e+03	*
68	PCB-95	3.64e+04	8.52e+02	4.3e+01	2.46e+04	1.02e+03	2.4e+01
69	PCB-93/100	*	8.52e+02	*	*	1.02e+03	*
70	PCB-98/102	*	8.52e+02	*	*	1.02e+03	*
71	PCB-88/91	5.36e+03	8.52e+02	6.3e+00	4.56e+03	1.02e+03	4.5e+00
72	PCB-84	1.10e+04	8.52e+02	1.3e+01	7.58e+03	1.02e+03	7.4e+00
73	PCB-89	*	8.52e+02	*	*	1.02e+03	*
74	PCB-121	*	8.60e+02	*	*	1.06e+03	*
75	PCB-92	7.89e+03	8.60e+02	9.2e+00	3.52e+03	1.06e+03	3.3e+00
76	PCB-90/101/113	3.88e+04	8.60e+02	4.5e+01	2.42e+04	1.06e+03	2.3e+01
77	PCB-83/99	1.94e+04	8.60e+02	2.3e+01	1.27e+04	1.06e+03	1.2e+01
78	PCB-112	*	8.60e+02	*	*	1.06e+03	*
79	CB-86/87/97/109/119/125	1.69e+04	8.60e+02	2.0e+01	9.84e+03	1.06e+03	9.3e+00
80	PCB-117	*	8.60e+02	*	*	1.06e+03	*
81	PCB-85/116	*	8.60e+02	*	*	1.06e+03	*
82	PCB-110/115	4.57e+04	8.60e+02	5.3e+01	3.01e+04	1.06e+03	2.8e+01
83	PCB-82	*	8.60e+02	*	*	1.06e+03	*
84	PCB-111	*	8.60e+02	*	*	1.06e+03	*
85	PCB-120	*	8.60e+02	*	*	1.06e+03	*
86	PCB-108/124	*	1.55e+03	*	*	1.73e+03	*
87	PCB-107	*	1.55e+03	*	*	1.73e+03	*
88	PCB-123	*	1.55e+03	*	*	1.73e+03	*
89	PCB-106	*	1.55e+03	*	*	1.73e+03	*
90	PCB-118	3.21e+04	1.55e+03	2.1e+01	2.31e+04	1.73e+03	1.3e+01
91	PCB-122	*	1.55e+03	*	*	1.73e+03	*
92	PCB-114	*	1.55e+03	*	*	1.73e+03	*
93	PCB-105	1.43e+04	1.55e+03	9.2e+00	1.01e+04	1.73e+03	5.8e+00
94	PCB-127	*	1.55e+03	*	*	1.73e+03	*
95	PCB-126	*	1.55e+03	*	*	1.73e+03	*
96	PCB-155	*	7.84e+02	*	*	7.44e+02	*
97	PCB-152	*	7.84e+02	*	*	7.44e+02	*
98	PCB-150	*	7.84e+02	*	*	7.44e+02	*
99	PCB-136	6.16e+03	7.84e+02	7.9e+00	3.29e+03	7.44e+02	4.4e+00
100	PCB-145	*	7.84e+02	*	*	7.44e+02	*
101	PCB-148	*	7.84e+02	*	*	7.44e+02	*
102	PCB-135/151	4.99e+03	7.84e+02	6.4e+00	3.84e+03	7.44e+02	5.2e+00
103	PCB-154	*	7.84e+02	*	*	7.44e+02	*
104	PCB-144	*	7.84e+02	*	*	7.44e+02	*

105	PCB-147/149	1.48e+04	9.48e+02	1.6e+01	1.33e+04	8.44e+02	1.6e+01
106	PCB-134	*	9.48e+02	*	*	8.44e+02	*
107	PCB-143	*	9.48e+02	*	*	8.44e+02	*
108	PCB-139/140	*	9.48e+02	*	*	8.44e+02	*
109	PCB-131	*	9.48e+02	*	*	8.44e+02	*
110	PCB-142	*	9.48e+02	*	*	8.44e+02	*
111	PCB-132	6.84e+03	9.48e+02	7.2e+00	4.34e+03	8.44e+02	5.1e+00
112	PCB-133	*	9.48e+02	*	*	8.44e+02	*
113	PCB-165	*	9.48e+02	*	*	8.44e+02	*
114	PCB-146	*	9.48e+02	*	*	8.44e+02	*
115	PCB-161	*	9.48e+02	*	*	8.44e+02	*
116	PCB-153/168	1.52e+04	9.48e+02	1.6e+01	1.16e+04	8.44e+02	1.4e+01
117	PCB-141	*	9.48e+02	*	*	8.44e+02	*
118	PCB-130	*	9.48e+02	*	*	8.44e+02	*
119	PCB-137	*	9.48e+02	*	*	8.44e+02	*
120	PCB-164	*	9.48e+02	*	*	8.44e+02	*
121	PCB-129/138/163	2.27e+04	9.48e+02	2.4e+01	1.34e+04	8.44e+02	1.6e+01
122	PCB-160	*	9.48e+02	*	*	8.44e+02	*
123	PCB-158	*	9.48e+02	*	*	8.44e+02	*
124	PCB-128/166	*	9.48e+02	*	*	8.44e+02	*
125	PCB-159	*	1.50e+03	*	*	1.31e+03	*
126	PCB-162	*	1.50e+03	*	*	1.31e+03	*
127	PCB-167	*	1.50e+03	*	*	1.31e+03	*
128	PCB-156/157	*	1.50e+03	*	*	1.31e+03	*
129	PCB-169	*	1.50e+03	*	*	1.31e+03	*
130	PCB-188	*	9.12e+02	*	*	1.02e+03	*
131	PCB-179	*	9.12e+02	*	*	1.02e+03	*
132	PCB-184	*	9.12e+02	*	*	1.02e+03	*
133	PCB-176	*	9.12e+02	*	*	1.02e+03	*
134	PCB-186	*	9.12e+02	*	*	1.02e+03	*
135	PCB-178	*	9.12e+02	*	*	1.02e+03	*
136	PCB-175	*	9.12e+02	*	*	1.02e+03	*
137	PCB-187	*	9.12e+02	*	*	1.02e+03	*
138	PCB-182	*	9.12e+02	*	*	1.02e+03	*
139	PCB-183	*	2.08e+03	*	*	1.43e+03	*
140	PCB-185	*	2.08e+03	*	*	1.43e+03	*
141	PCB-174	*	2.08e+03	*	*	1.43e+03	*
142	PCB-177	*	2.08e+03	*	*	1.43e+03	*
143	PCB-181	*	2.08e+03	*	*	1.43e+03	*
144	PCB-171/173	*	2.08e+03	*	*	1.43e+03	*
145	PCB-172	*	2.08e+03	*	*	1.43e+03	*
146	PCB-192	*	2.08e+03	*	*	1.43e+03	*
147	PCB-180/193	*	2.08e+03	*	*	1.43e+03	*
148	PCB-191	*	2.08e+03	*	*	1.43e+03	*
149	PCB-170	*	2.08e+03	*	*	1.43e+03	*
150	PCB-190	*	2.08e+03	*	*	1.43e+03	*
151	PCB-189	*	2.08e+03	*	*	1.43e+03	*
152	PCB-202	*	1.54e+03	*	*	1.33e+03	*
153	PCB-201	*	1.54e+03	*	*	1.33e+03	*
154	PCB-204	*	1.54e+03	*	*	1.33e+03	*
155	PCB-197	*	1.54e+03	*	*	1.33e+03	*
156	PCB-200	*	1.54e+03	*	*	1.33e+03	*
157	PCB-198/199	*	1.54e+03	*	*	1.33e+03	*
158	PCB-196	*	1.54e+03	*	*	1.33e+03	*
159	PCB-203	*	1.54e+03	*	*	1.33e+03	*
160	PCB-195	*	1.54e+03	*	*	1.33e+03	*
161	PCB-194	*	1.54e+03	*	*	1.33e+03	*
162	PCB-205	*	1.54e+03	*	*	1.33e+03	*

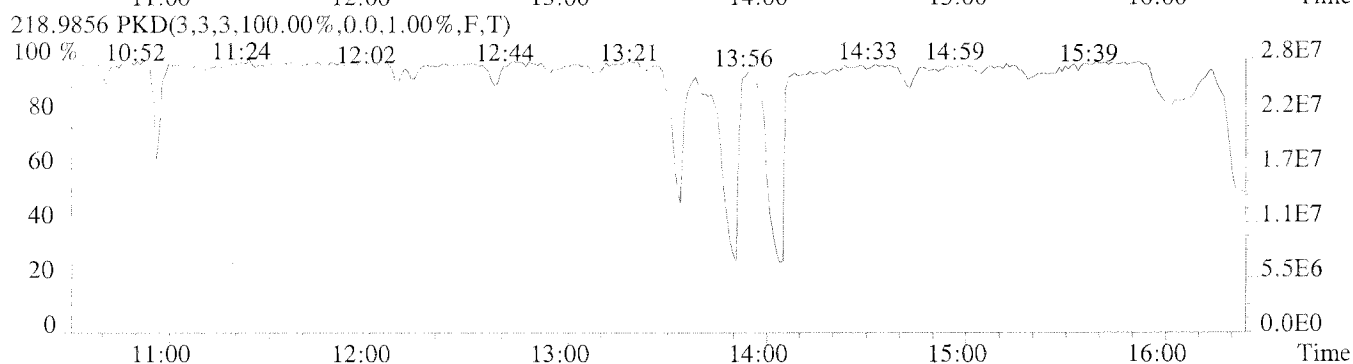
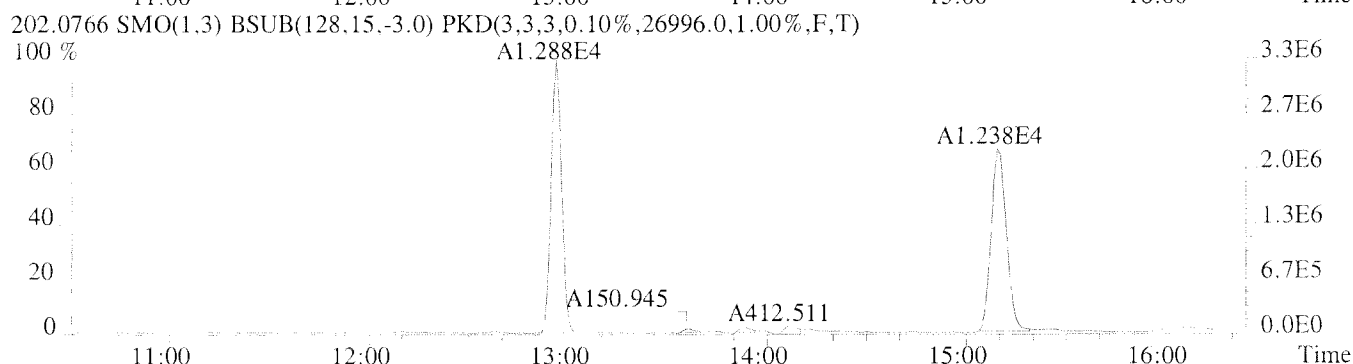
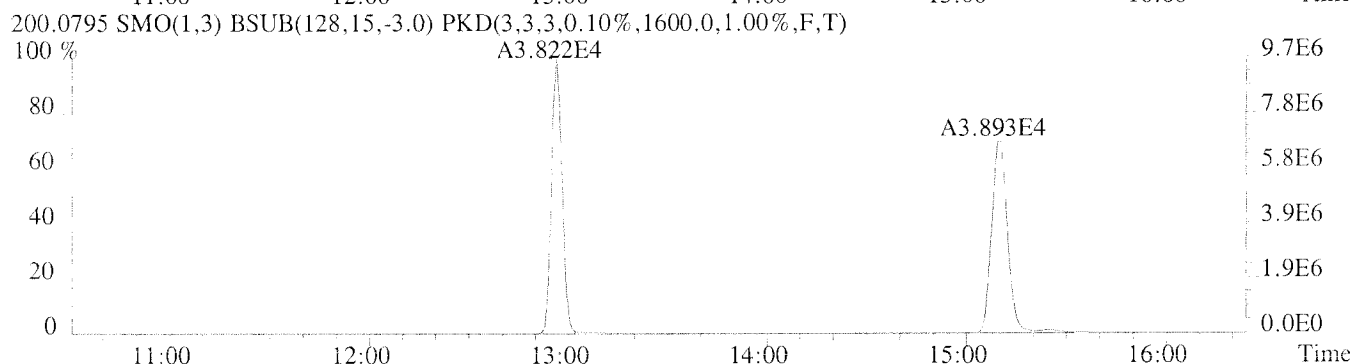
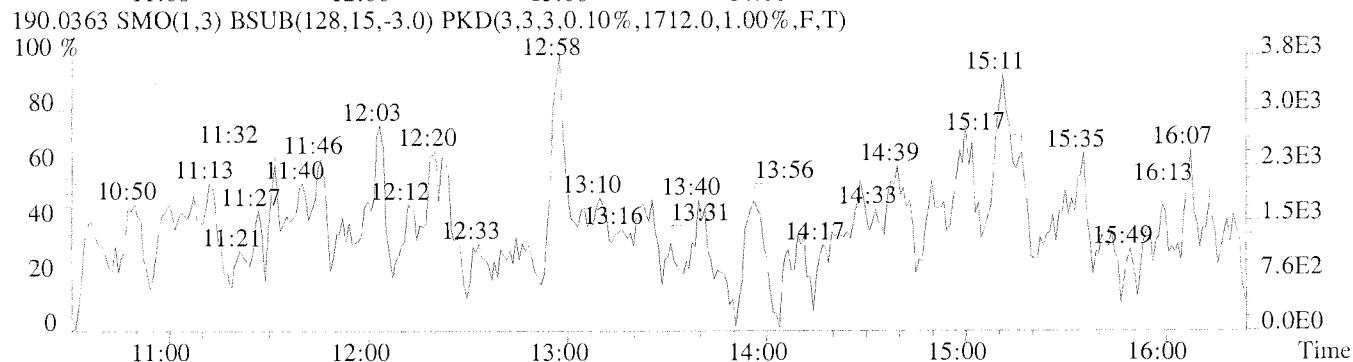
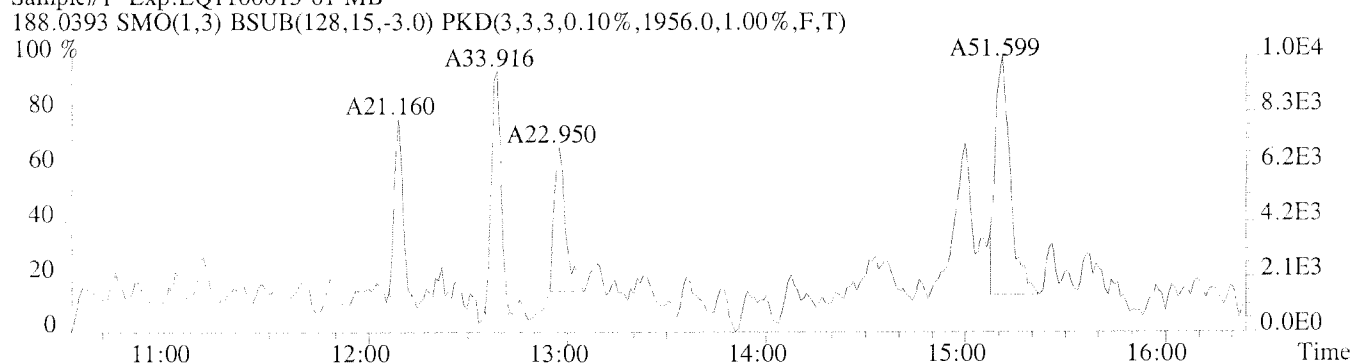
Run #9

Filename U224749#1 Samp: 1

Acquired: 14-JAN-11 20:16:39

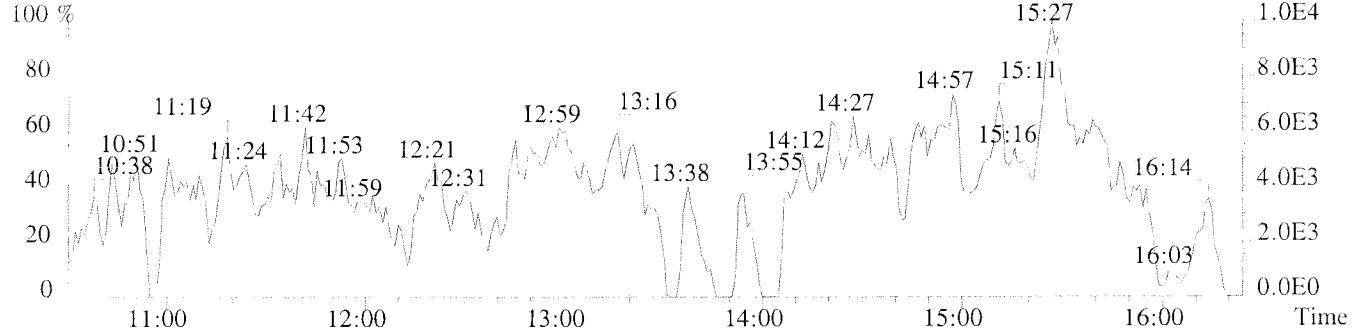
163	PCB-208	*	1.21e+03	*	*	1.53e+03	*
164	PCB-207	*	1.21e+03	*	*	1.53e+03	*
165	PCB-206	*	9.36e+02	*	*	1.28e+03	*
166	PCB-209	*	1.05e+03	*	*	9.64e+02	*
167	PCB-11L	9.75e+06	1.60e+03	6.1e+03	3.31e+06	2.70e+04	1.2e+02
168	PCB-3L	6.77e+06	1.60e+03	4.2e+03	2.20e+06	2.70e+04	8.1e+01
169	PCB-4L	3.82e+06	3.26e+03	1.2e+03	2.42e+06	2.09e+03	1.2e+03
170	PCB-15L	5.35e+06	4.20e+03	1.3e+03	3.46e+06	9.52e+02	3.6e+03
171	PCB-19L	3.25e+06	3.84e+04	8.5e+01	3.19e+06	4.37e+04	7.3e+01
172	PCB-37L	3.64e+06	1.42e+04	2.6e+02	3.47e+06	8.26e+03	4.2e+02
173	PCB-54L	3.42e+06	2.93e+03	1.2e+03	4.16e+06	1.44e+03	2.9e+03
174	PCB-81L	2.67e+06	1.56e+03	1.7e+03	3.49e+06	1.14e+03	3.1e+03
175	PCB-77L	2.75e+06	1.56e+03	1.8e+03	3.40e+06	1.14e+03	3.0e+03
176	PCB-104L	4.55e+06	8.64e+02	5.3e+03	2.86e+06	1.00e+03	2.9e+03
177	PCB-123L	3.95e+06	4.06e+03	9.7e+02	2.56e+06	4.10e+03	6.2e+02
178	PCB-118L	4.04e+06	4.06e+03	9.9e+02	2.60e+06	4.10e+03	6.3e+02
179	PCB-114L	4.05e+06	4.06e+03	1.0e+03	2.64e+06	4.10e+03	6.4e+02
180	PCB-105L	3.87e+06	4.06e+03	9.5e+02	2.51e+06	4.10e+03	6.1e+02
181	PCB-126L	4.03e+06	4.06e+03	9.9e+02	2.60e+06	4.10e+03	6.3e+02
182	PCB-155L	3.87e+06	1.10e+03	3.5e+03	3.11e+06	1.18e+03	2.6e+03
183	PCB-167L	3.73e+06	1.67e+03	2.2e+03	2.99e+06	1.90e+03	1.6e+03
184	PCB-156/157L	5.17e+06	1.67e+03	3.1e+03	4.03e+06	1.90e+03	2.1e+03
185	PCB-169L	3.09e+06	1.67e+03	1.8e+03	2.43e+06	1.90e+03	1.3e+03
186	PCB-188L	3.33e+06	2.00e+03	1.7e+03	3.15e+06	1.99e+03	1.6e+03
187	PCB-189L	2.86e+06	1.40e+03	2.0e+03	2.67e+06	1.17e+03	2.3e+03
188	PCB-202L	2.69e+06	1.25e+03	2.1e+03	2.98e+06	8.92e+02	3.3e+03
189	PCB-205L	2.40e+06	1.25e+03	1.9e+03	2.65e+06	8.92e+02	3.0e+03
190	PCB-208L	1.94e+06	1.61e+03	1.2e+03	2.41e+06	1.40e+03	1.7e+03
191	PCB-206L	1.87e+06	1.26e+03	1.5e+03	2.38e+06	8.88e+02	2.7e+03
192	PCB-209L	2.57e+06	7.52e+02	3.4e+03	2.11e+06	7.88e+02	2.7e+03
193	PCB-28L	4.68e+06	1.42e+04	3.3e+02	4.54e+06	8.26e+03	5.5e+02
194	PCB-111L	4.01e+06	1.44e+03	2.8e+03	2.58e+06	2.32e+03	1.1e+03
195	PCB-178L	2.16e+06	2.00e+03	1.1e+03	2.02e+06	1.99e+03	1.0e+03
196	PCB-9L	1.49e+07	4.20e+03	3.6e+03	9.80e+06	9.52e+02	1.0e+04
197	PCB-52L	5.14e+06	2.18e+03	2.4e+03	6.54e+06	1.10e+03	5.9e+03
198	PCB-101L	6.03e+06	1.44e+03	4.2e+03	3.83e+06	2.32e+03	1.7e+03
199	PCB-138L	6.38e+06	1.38e+03	4.6e+03	4.91e+06	1.14e+03	4.3e+03
200	PCB-194L	3.18e+06	1.25e+03	2.5e+03	3.51e+06	8.92e+02	3.9e+03

File:U224749 #1-379 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-01 MB

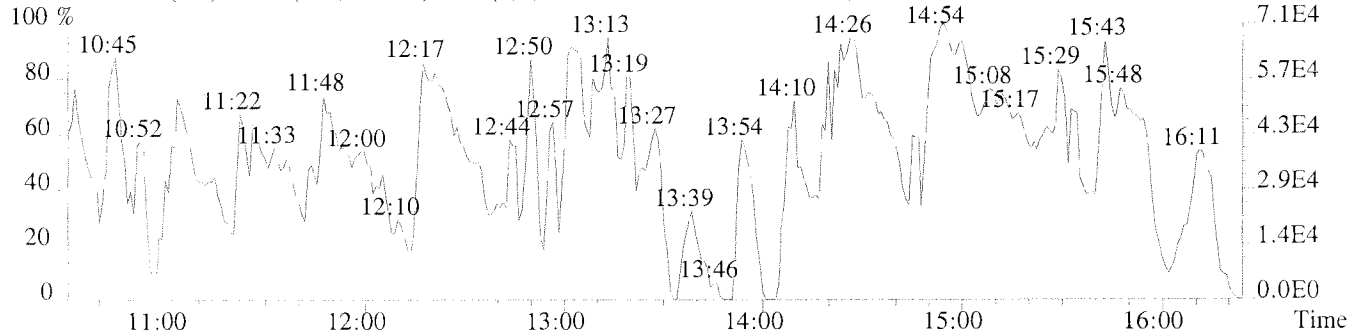


Sample#1 Exp:EQ1100013-01 MB

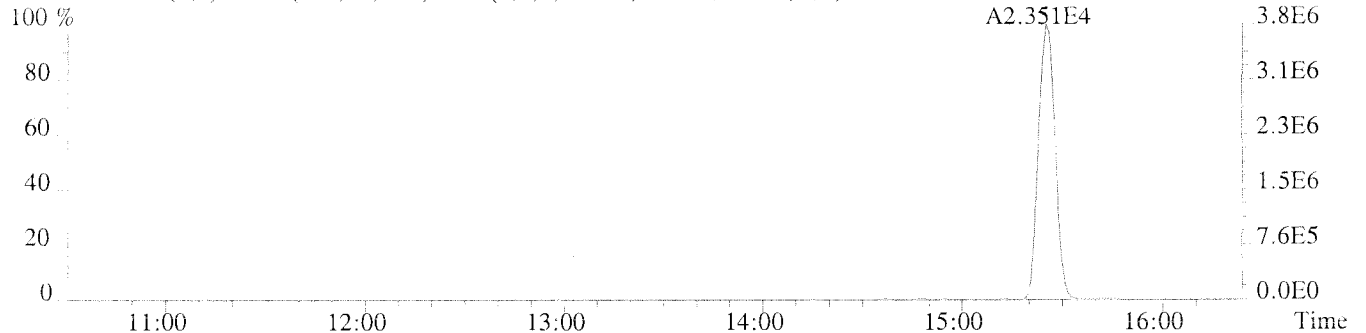
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4536.0,1.00%,F,T)



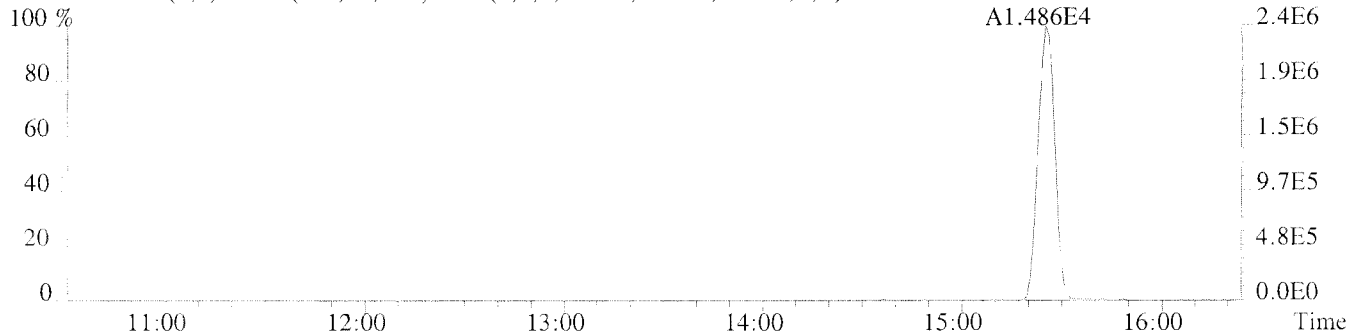
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,45392.0,1.00%,F,T)



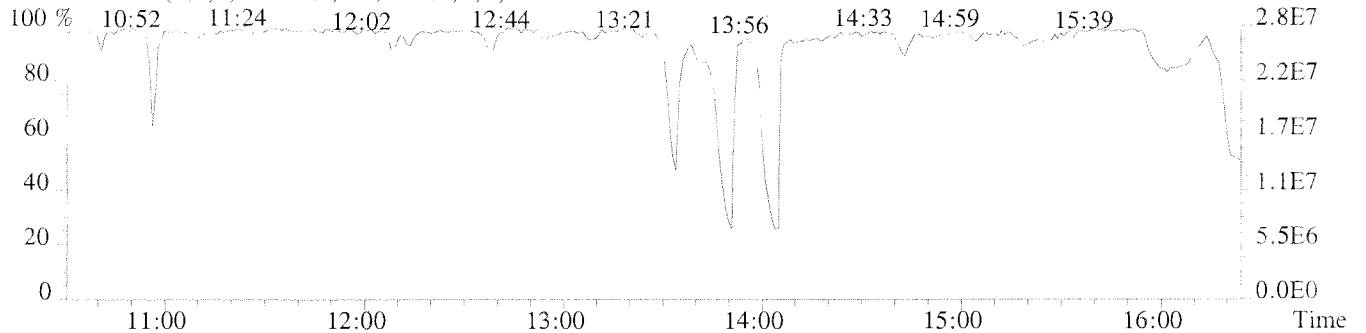
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3260.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2088.0,1.00%,F,T)



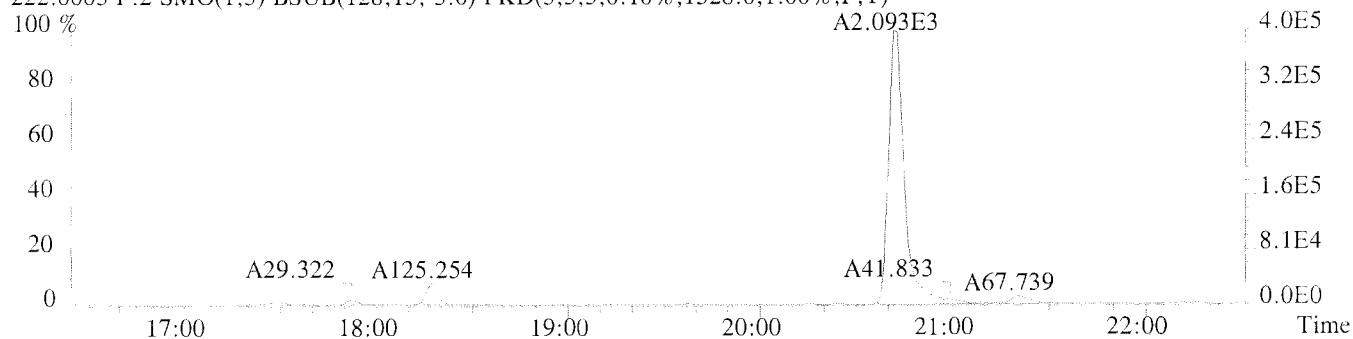
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



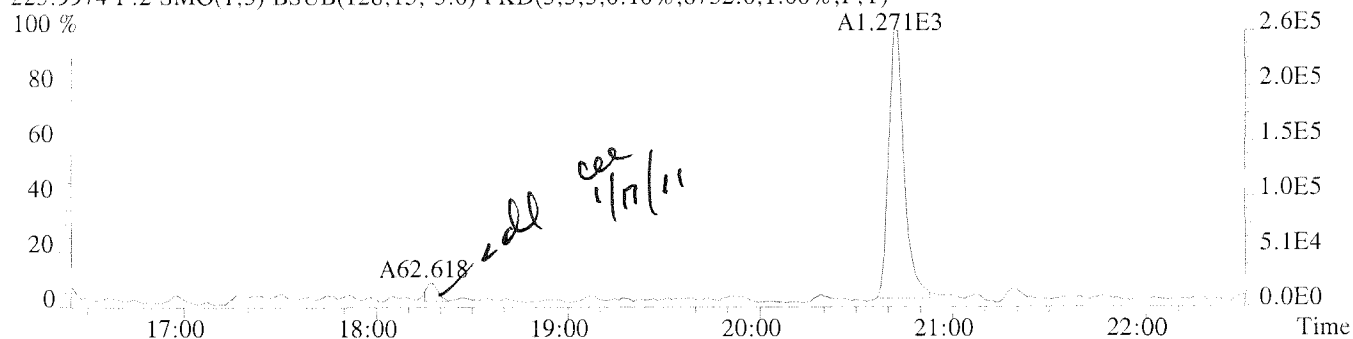
File:U224749 #1-337 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-01 MB

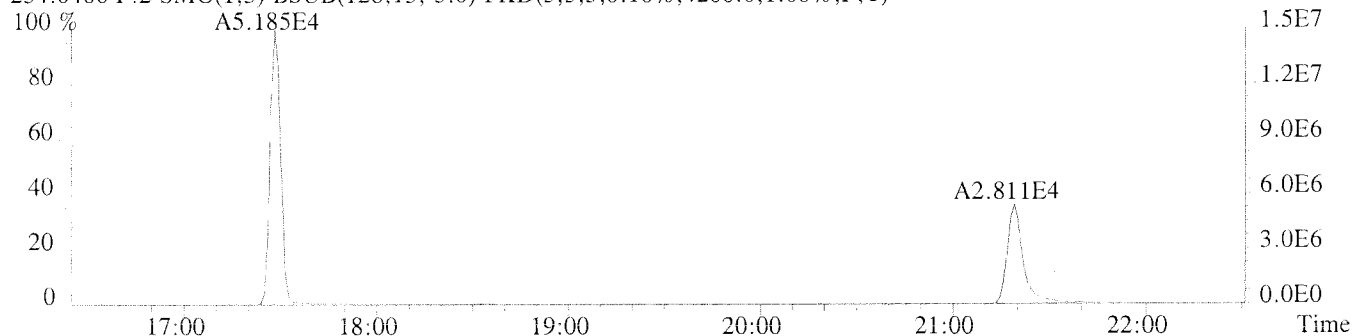
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1528.0,1.00%,F,T)



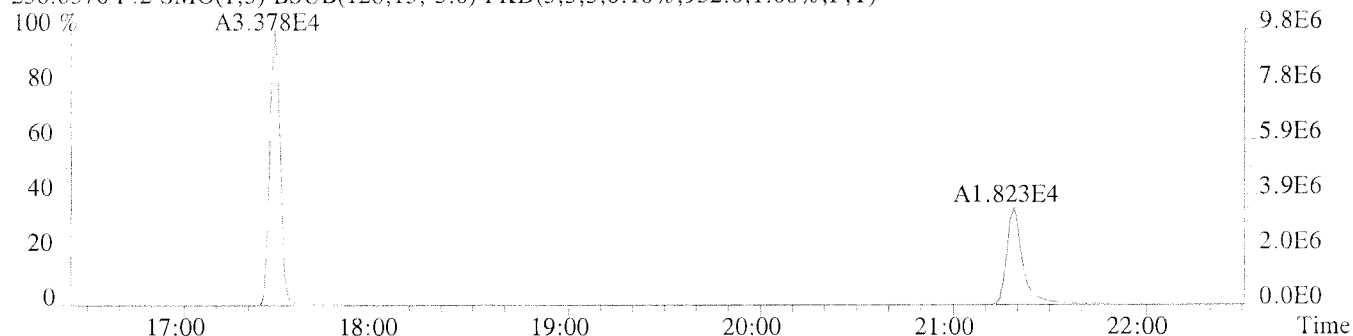
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8752.0,1.00%,F,T)



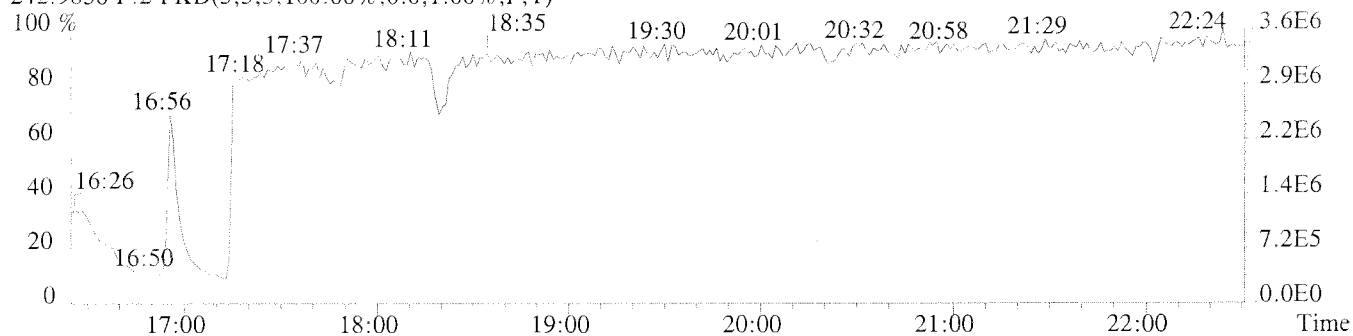
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4200.0,1.00%,F,T)



236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,952.0,1.00%,F,T)

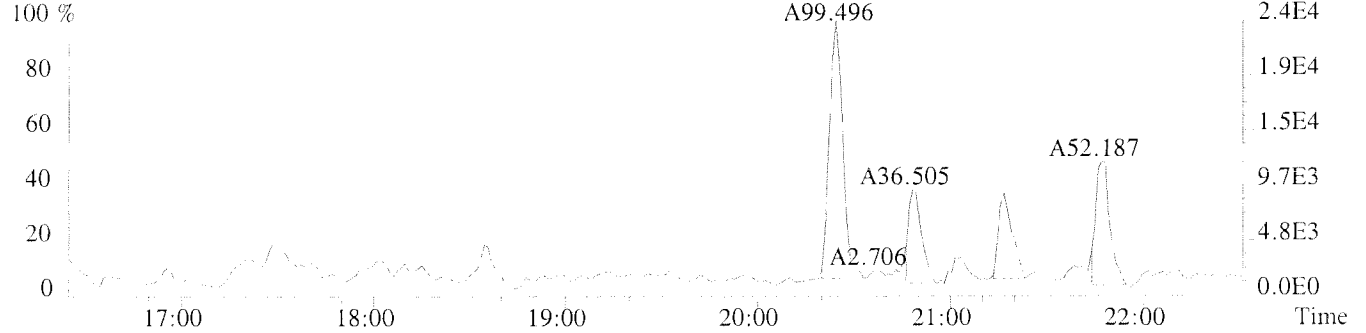


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

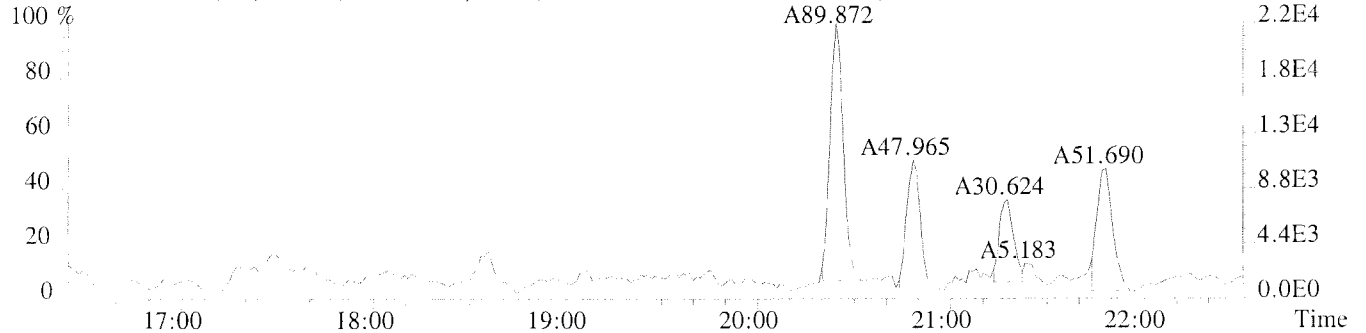


Sample#1 Exp:EQ1100013-01 MB

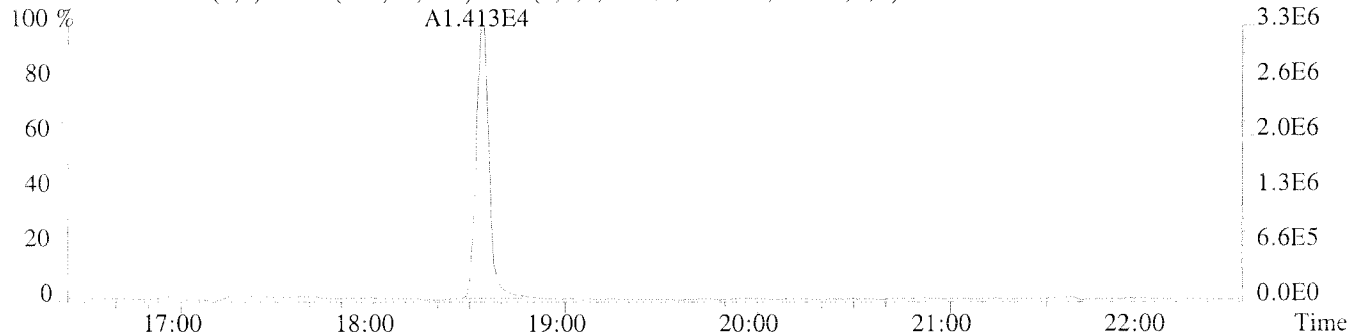
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2300.0,1.00%,F,T)



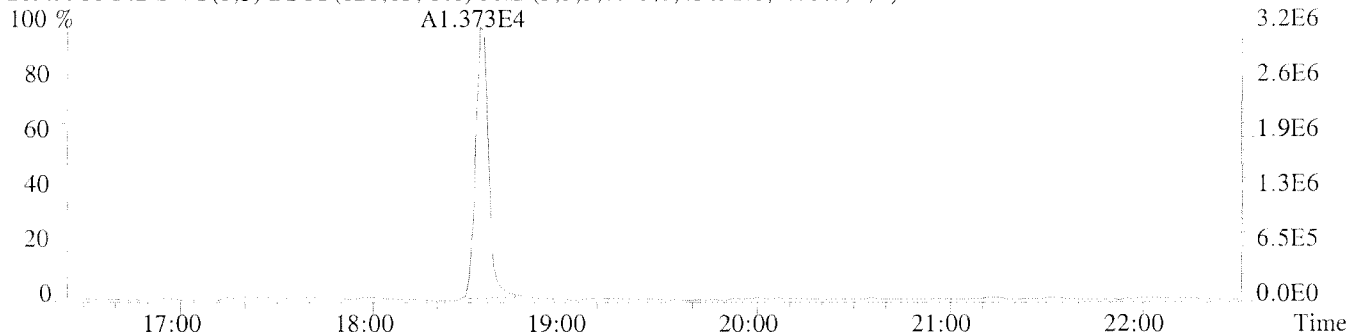
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1876.0,1.00%,F,T)



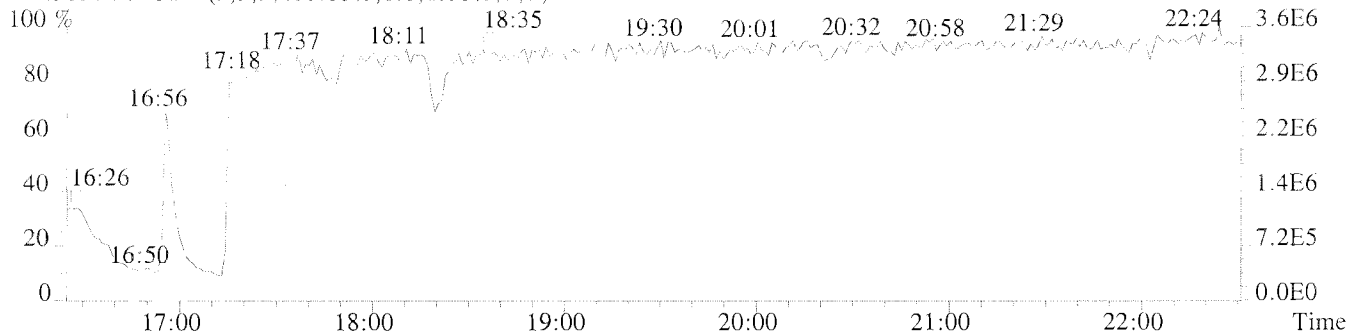
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,38372.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,43692.0,1.00%,F,T)



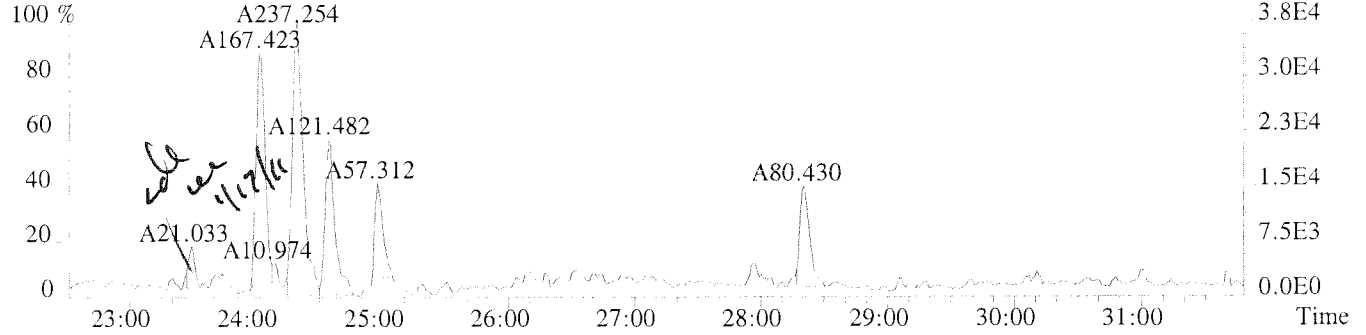
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



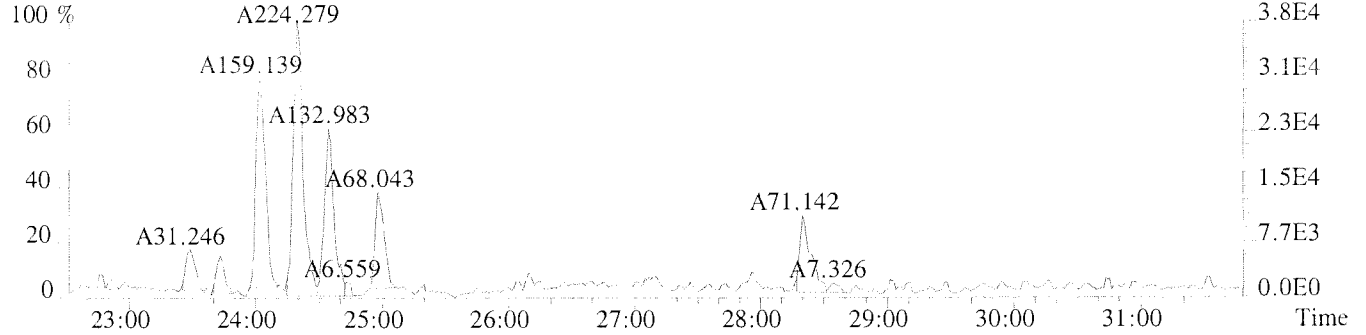
File:U224749 #1-594 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-01 MB

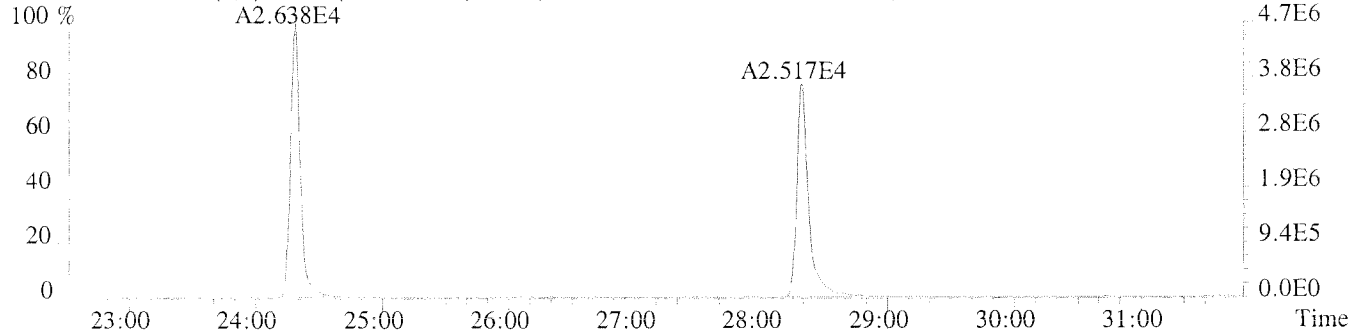
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2292.0,1.00%,F,T)



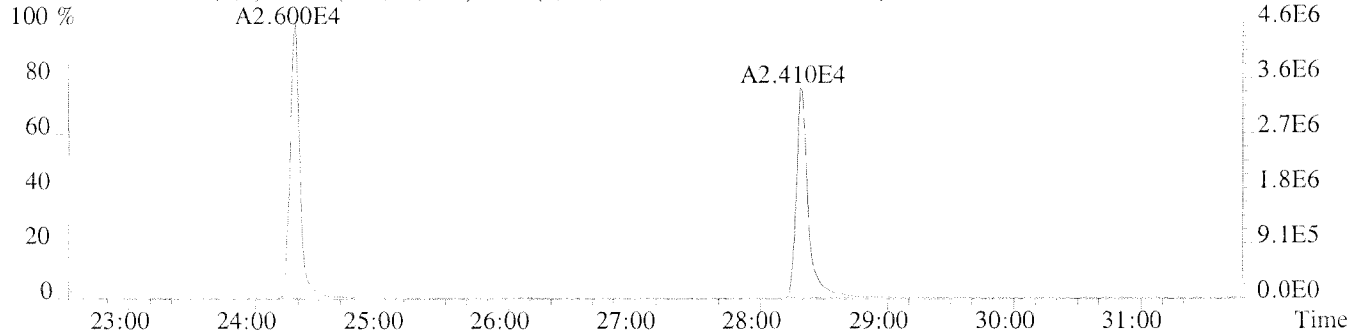
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1748.0,1.00%,F,T)



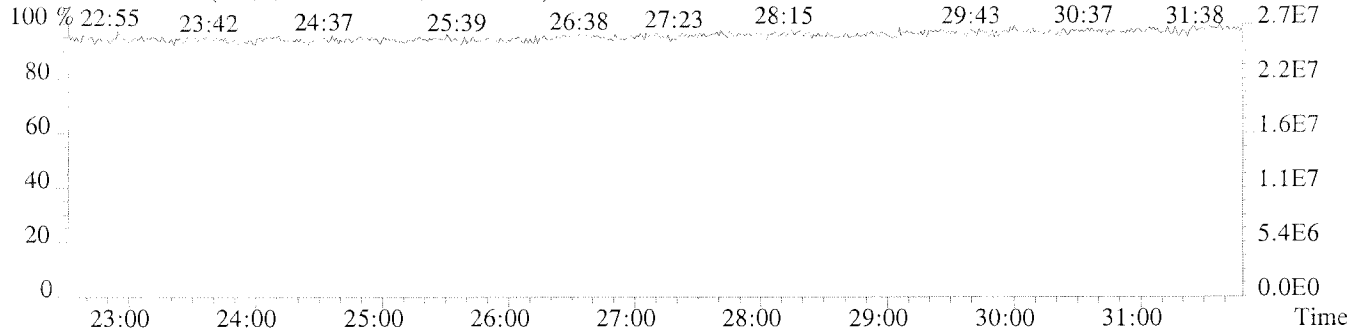
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14244.0,1.00%,F,T)



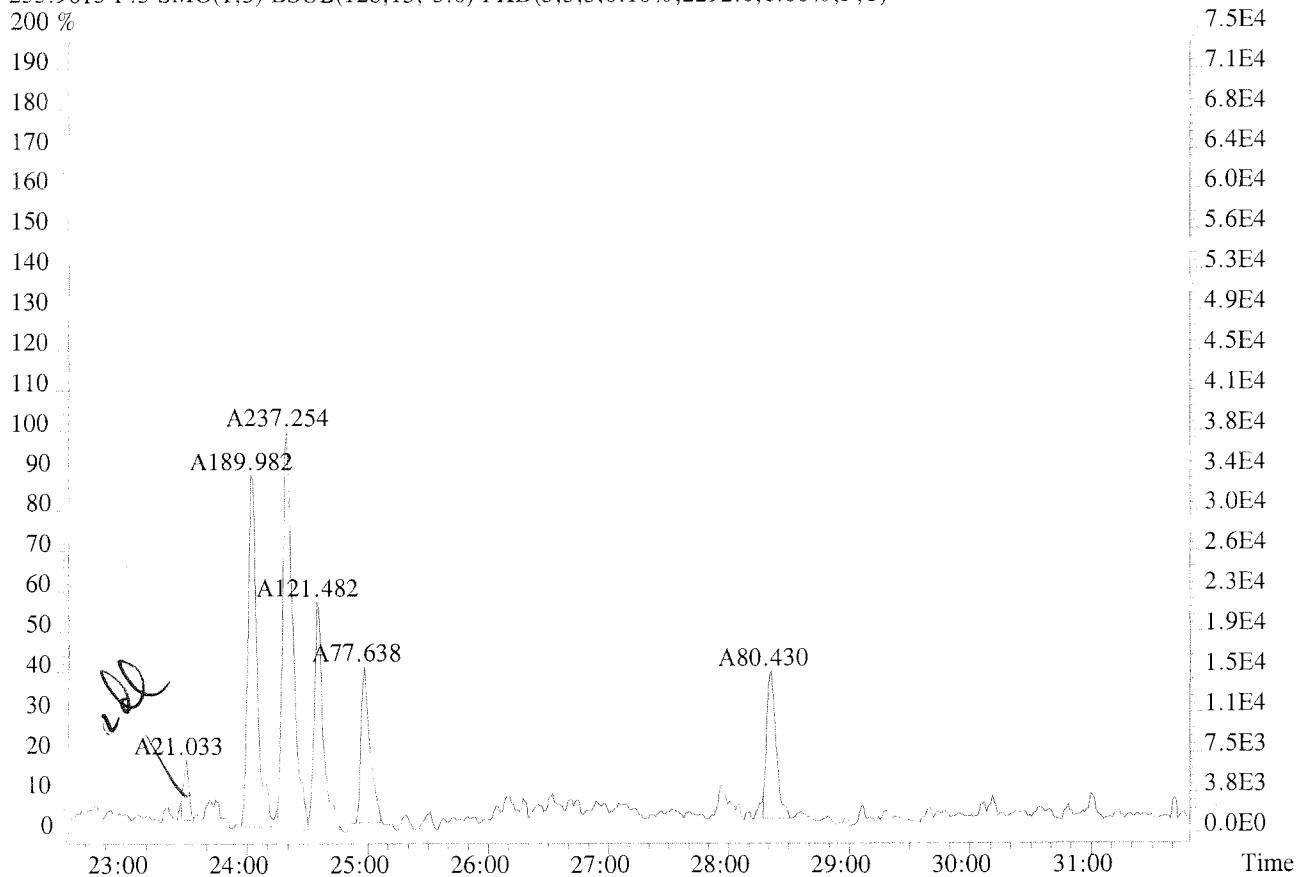
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8260.0,1.00%,F,T)



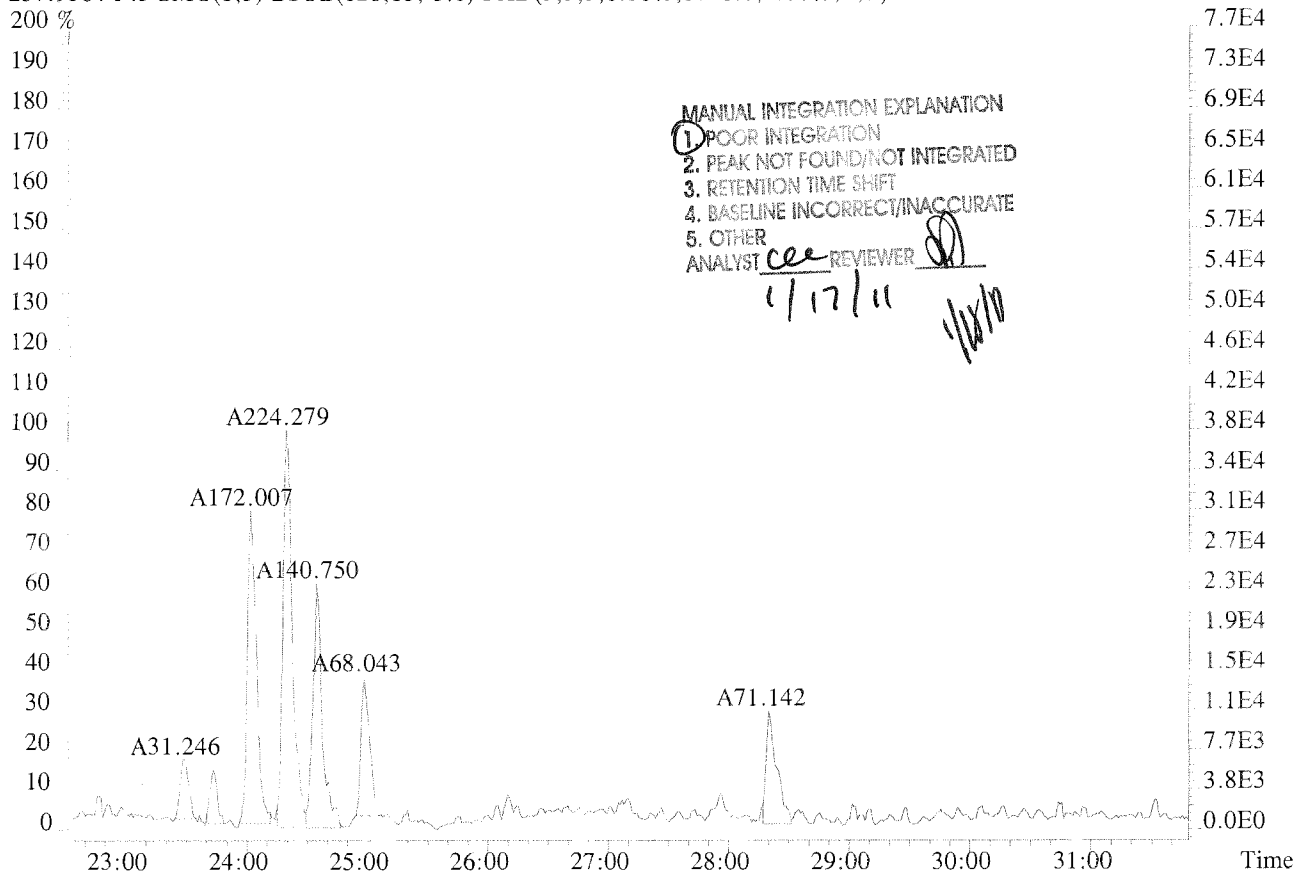
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224749 #1-594 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:EQ1100013-01 MB
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2292.0,1.00%,F,T)
 200 %



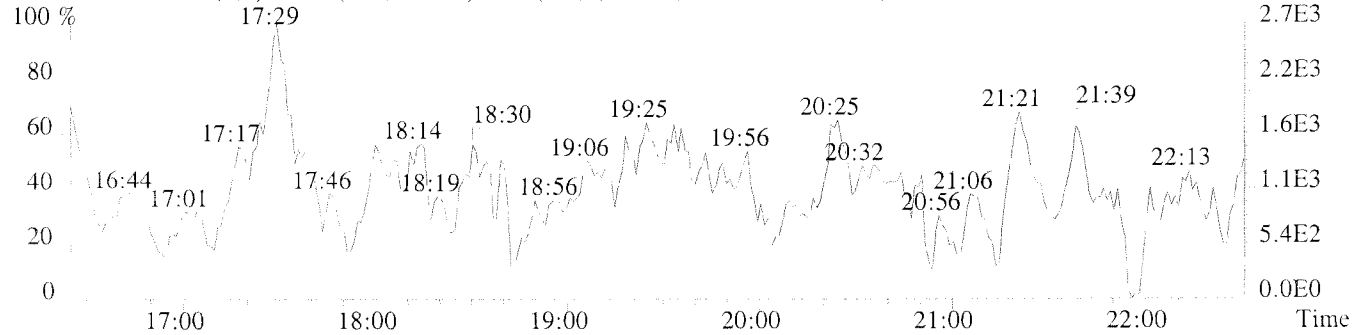
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1748.0,1.00%,F,T)
 200 %



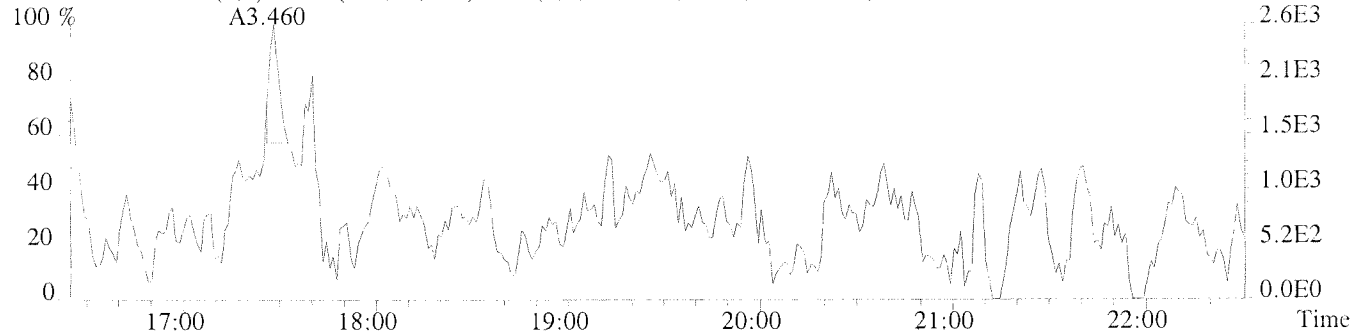
File:U224749 #1-337 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-01 MB

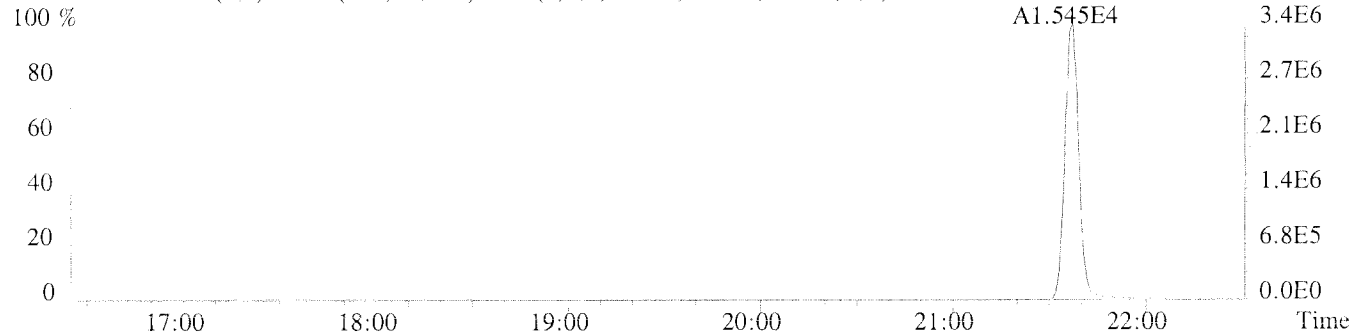
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,T)



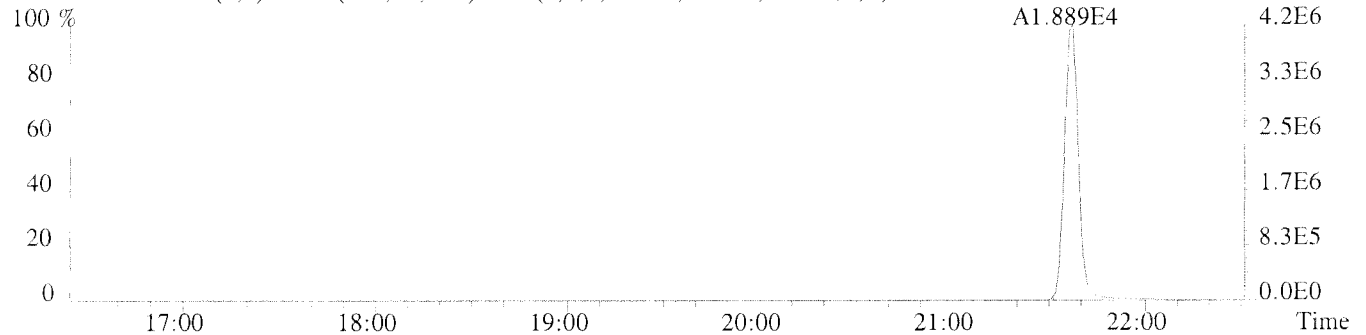
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,764.0,1.00%,F,T)



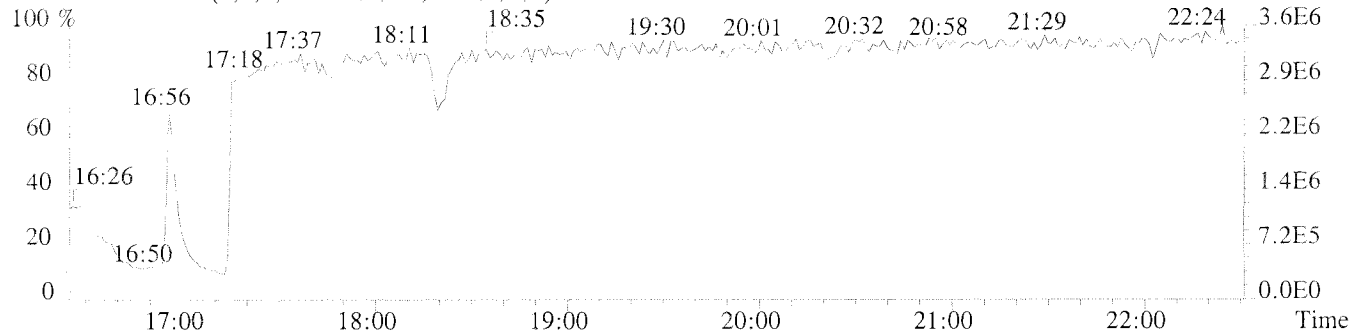
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2928.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1444.0,1.00%,F,T)

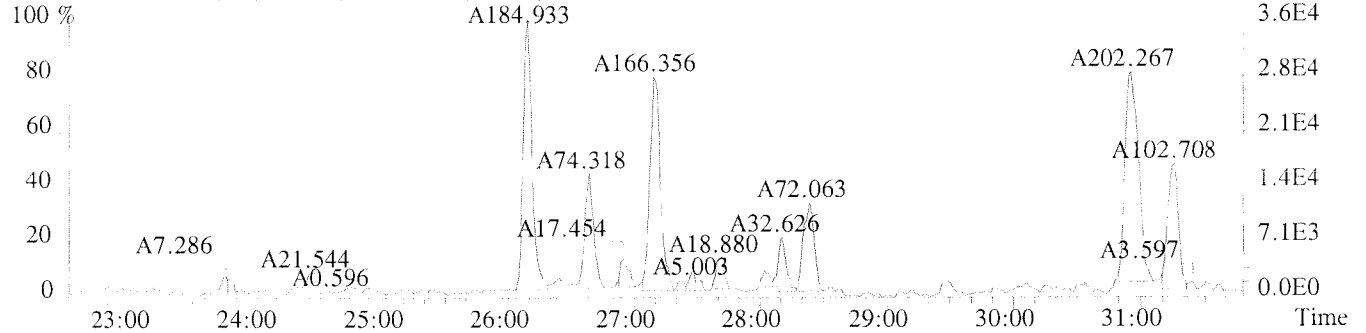


242.9856 F:2 PKD(3,3,3,100.00%.0.0,1.00%,F,T)

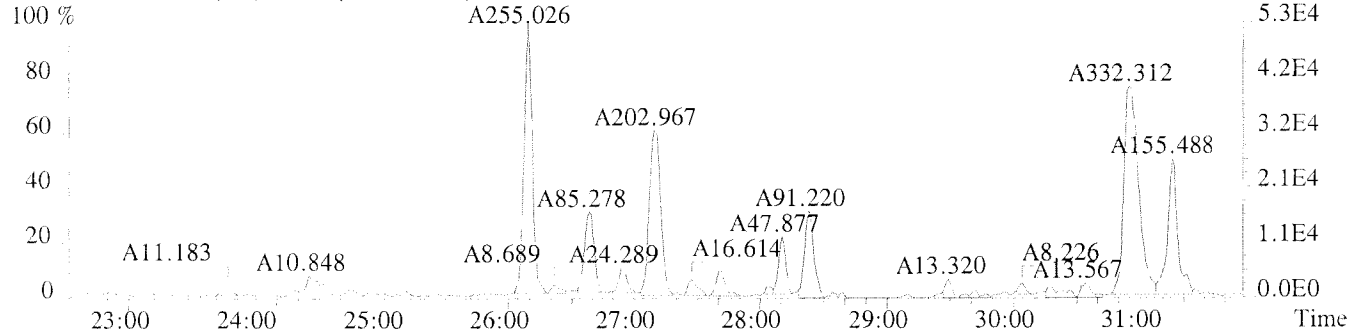


Sample#1 Exp:EQ1100013-01 MB

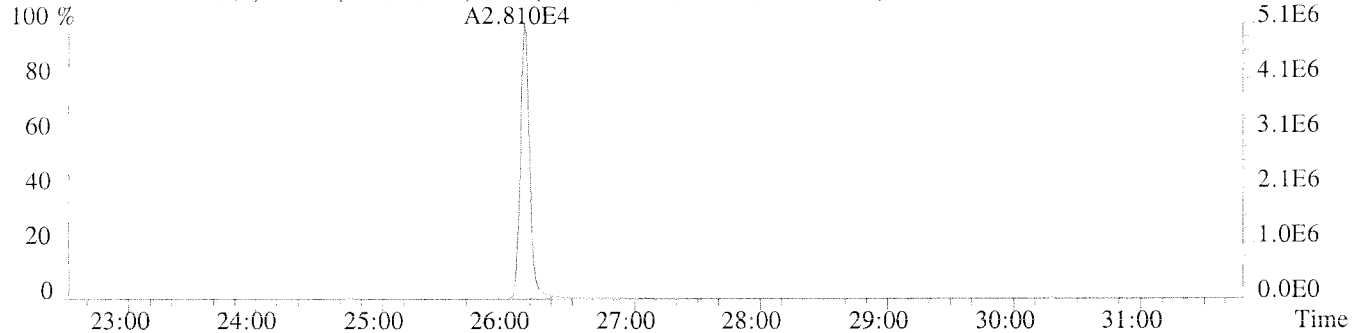
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1076.0,1.00%,F,T)



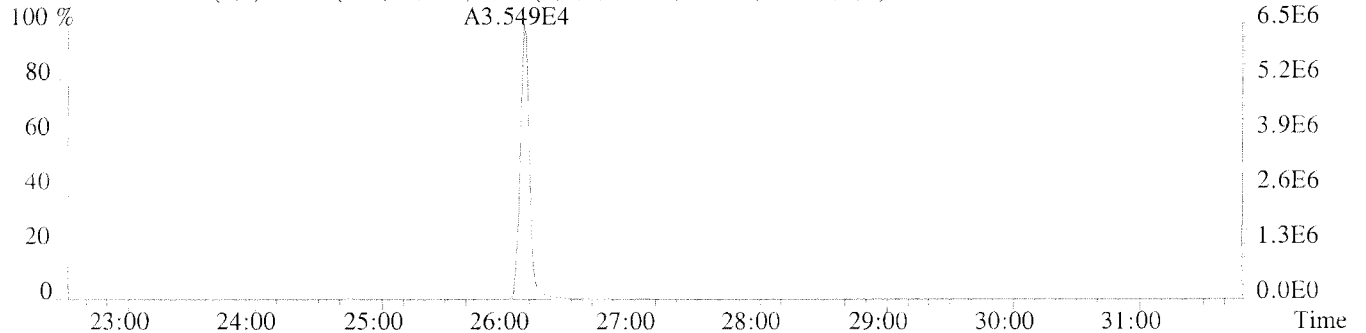
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,804.0,1.00%,F,T)



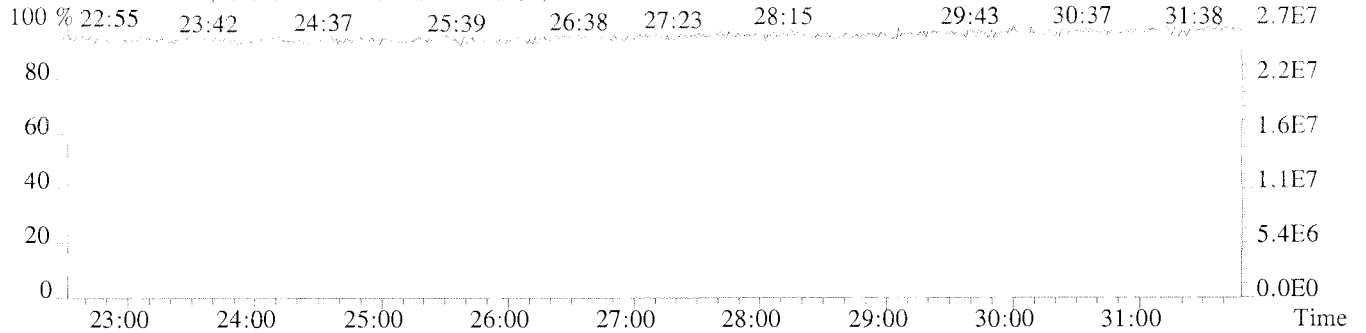
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2184.0,1.00%,F,T)



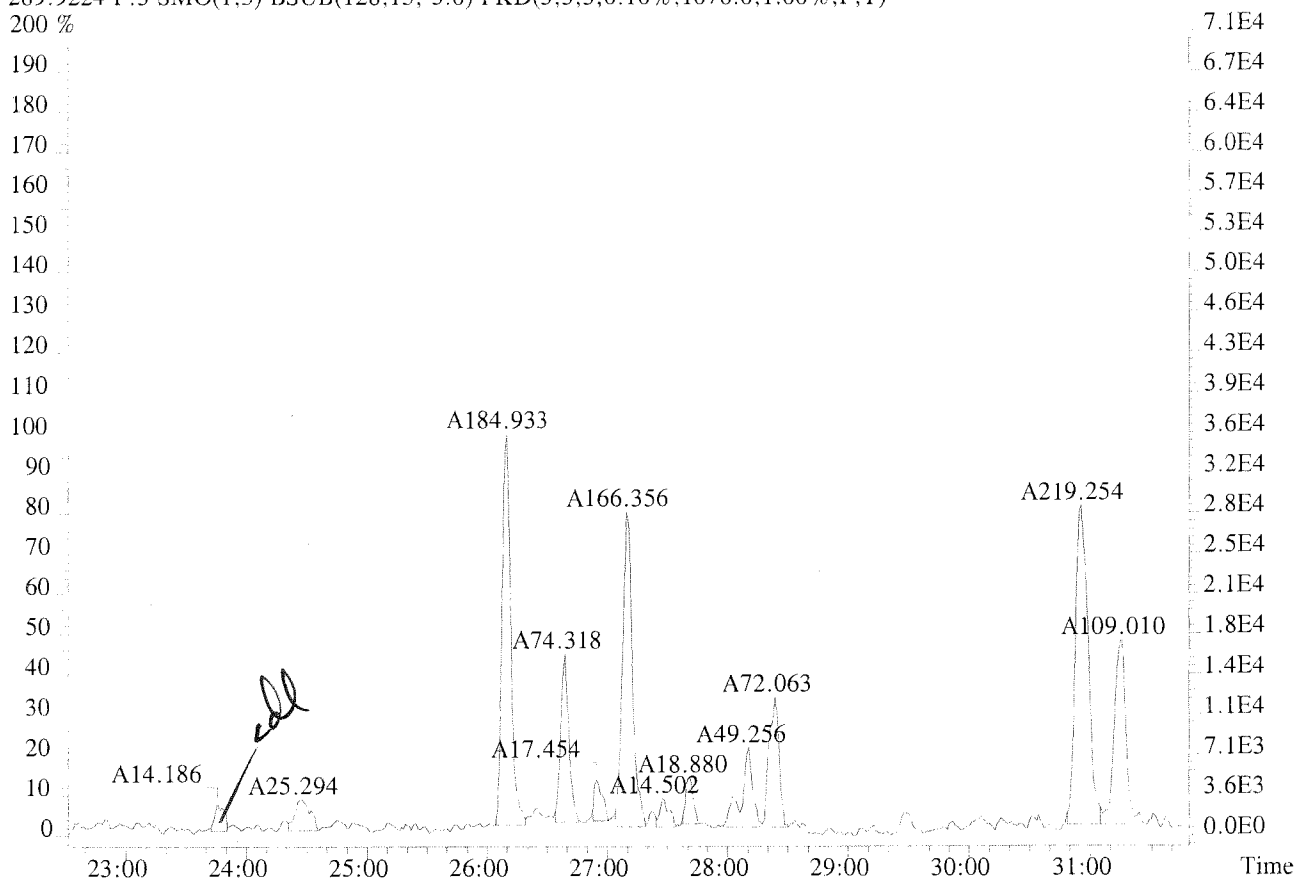
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1100.0,1.00%,F,T)



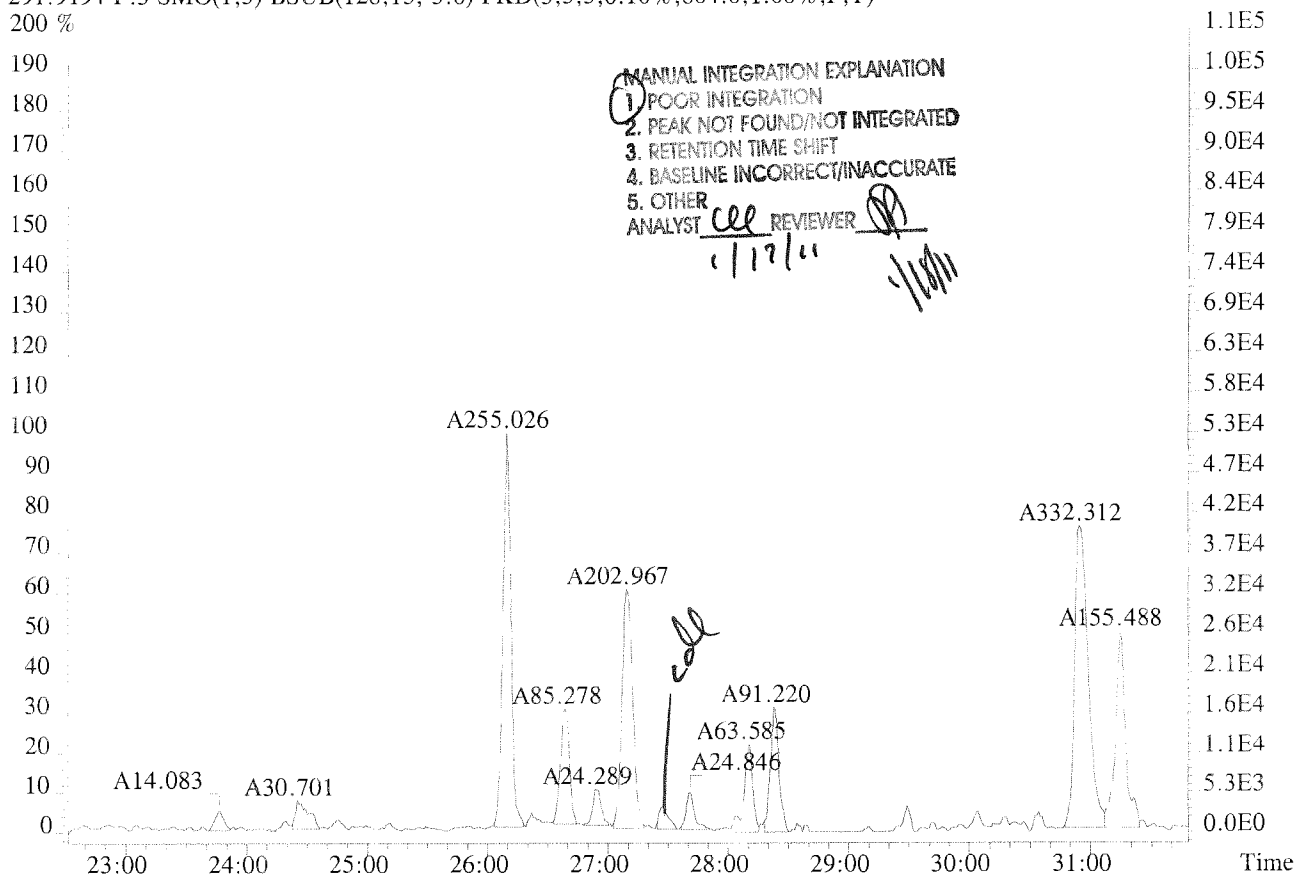
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224749 #1-594 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:EQ1100013-01 MB
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1076.0,1.00%,F,T)
 200 %



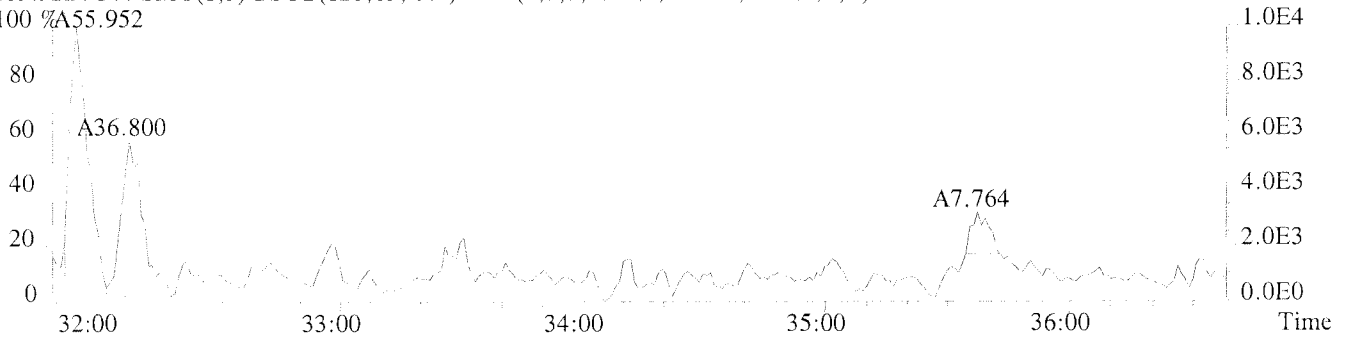
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,804.0,1.00%,F,T)
 200 %



Sample#1 Exp:EQ1100013-01 MB

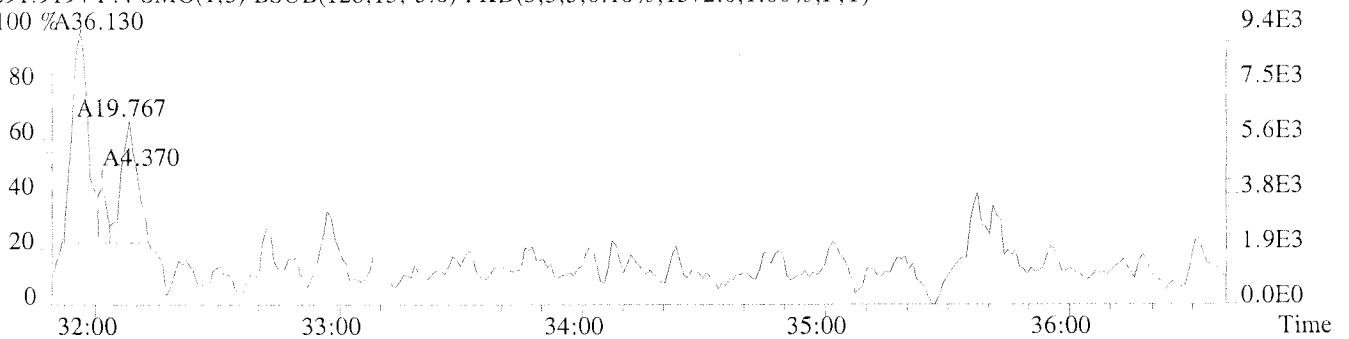
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1168.0,1.00%,F,T)

100 %A55.952



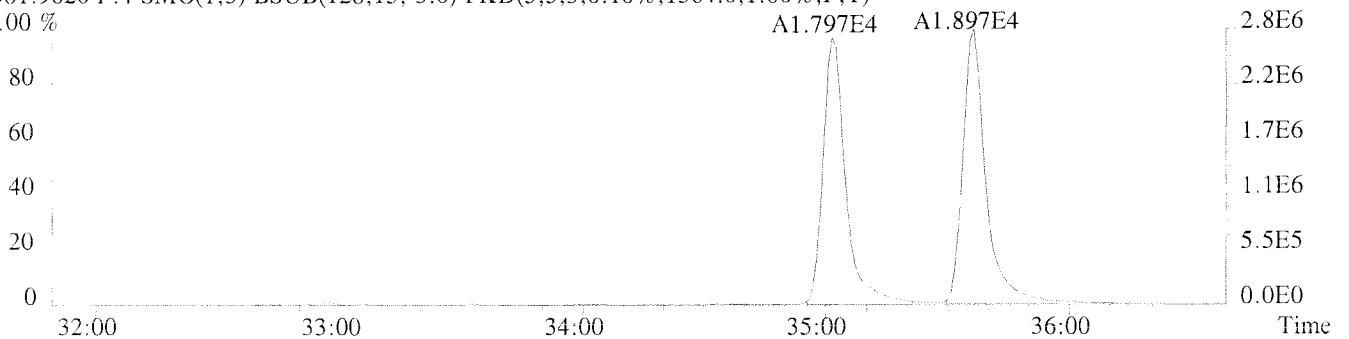
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1572.0,1.00%,F,T)

100 %A36.130



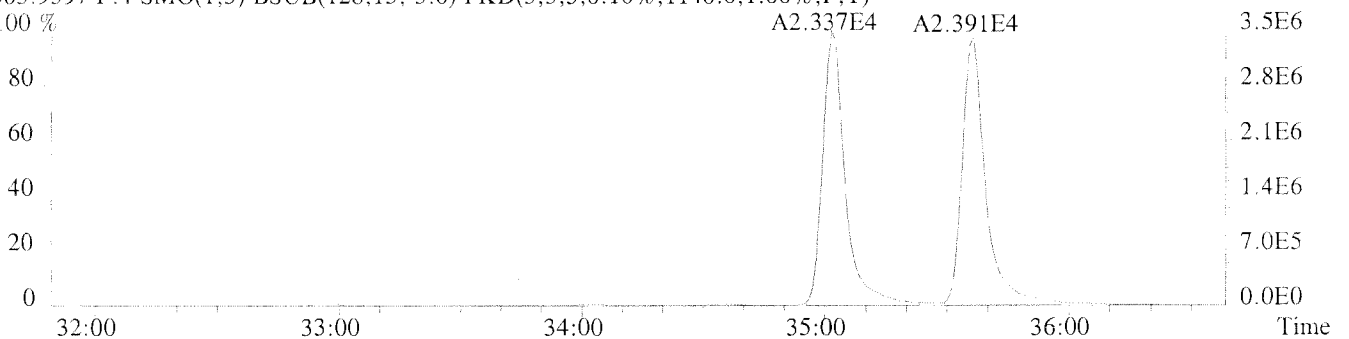
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1564.0,1.00%,F,T)

100 %



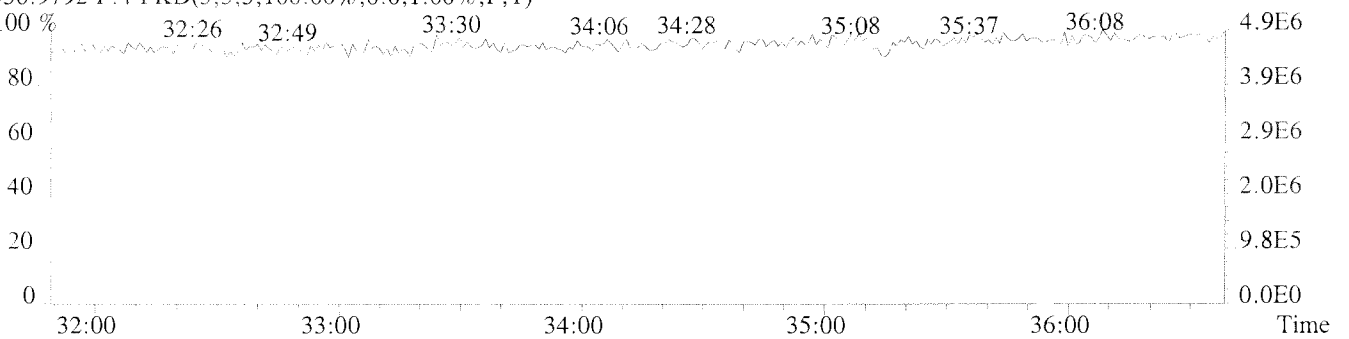
303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1140.0,1.00%,F,T)

100 %

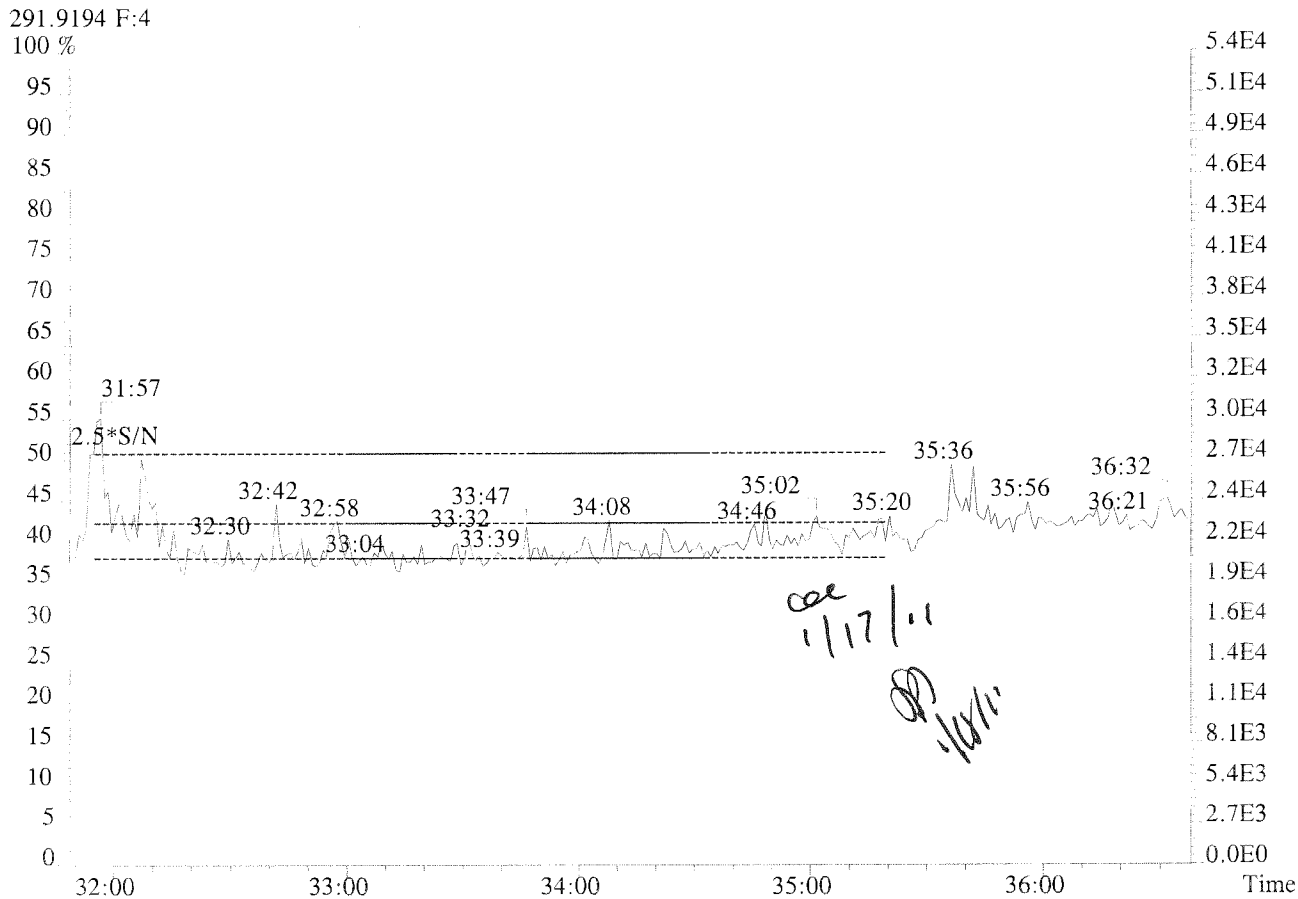
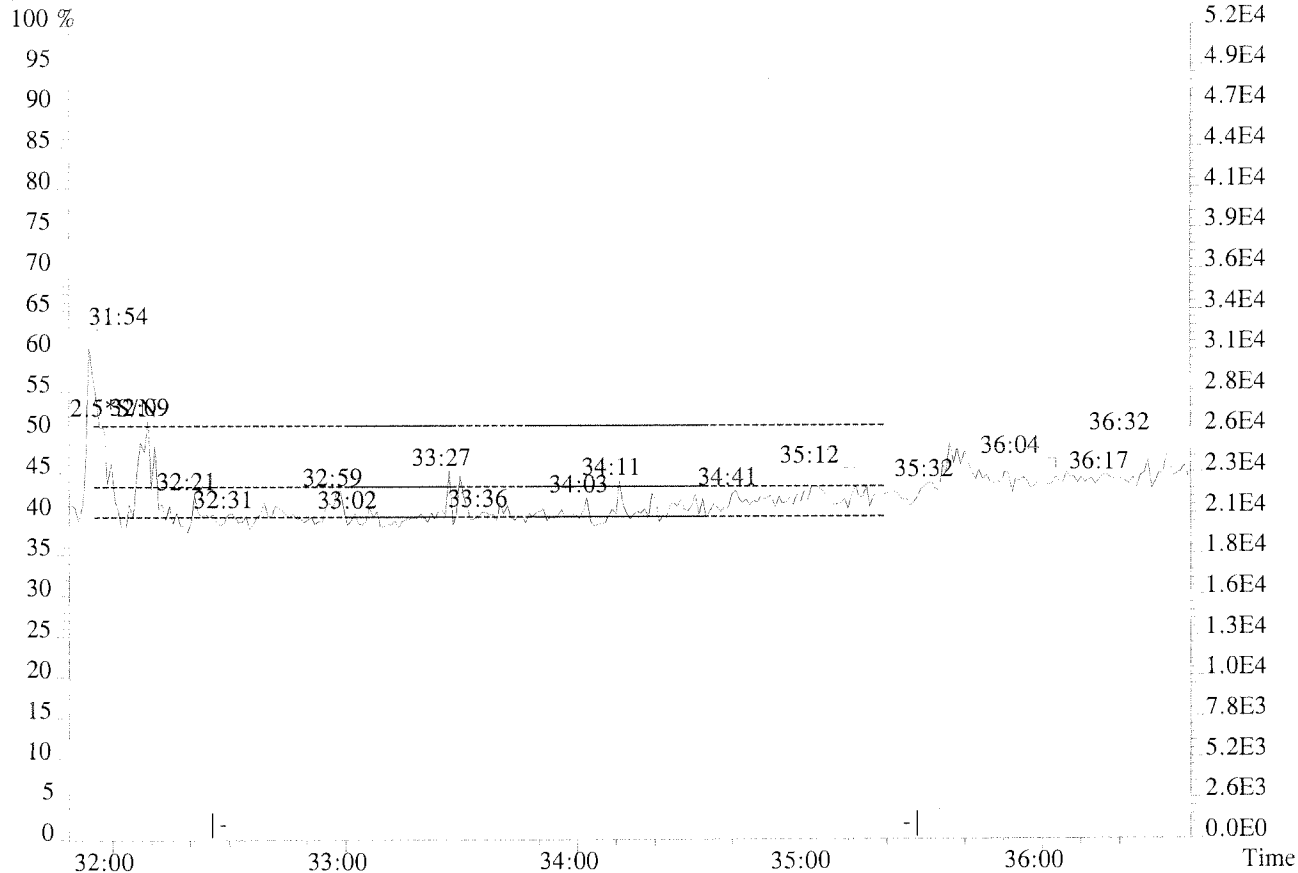


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

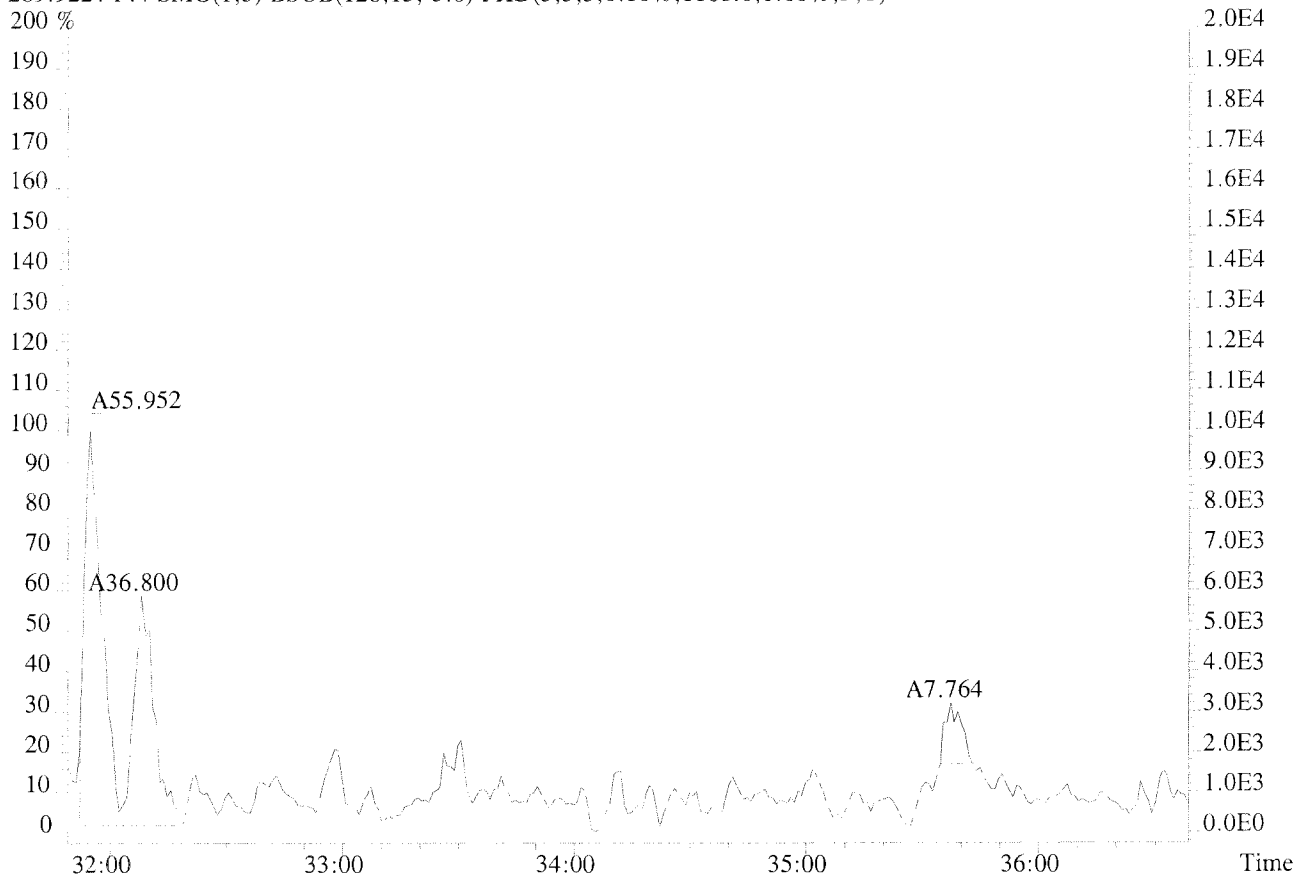
100 %



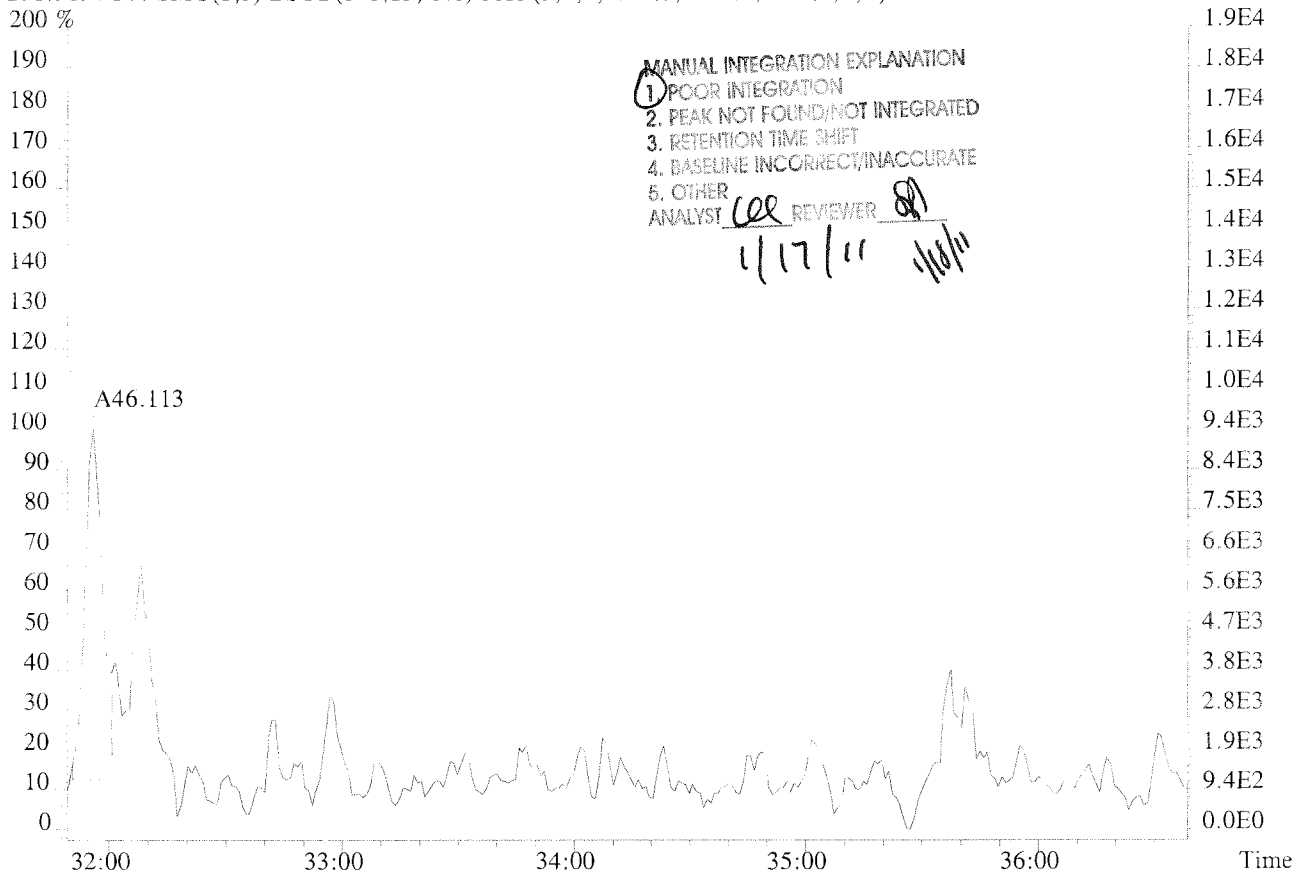
File:U224749 #1-309 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:EQ1100013-01 MB
 289.9224 F:4



File:U224749 #1-309 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:EQ1100013-01 MB
 289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1168.0,1.00%,F,T)



291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1572.0,1.00%,F,T)



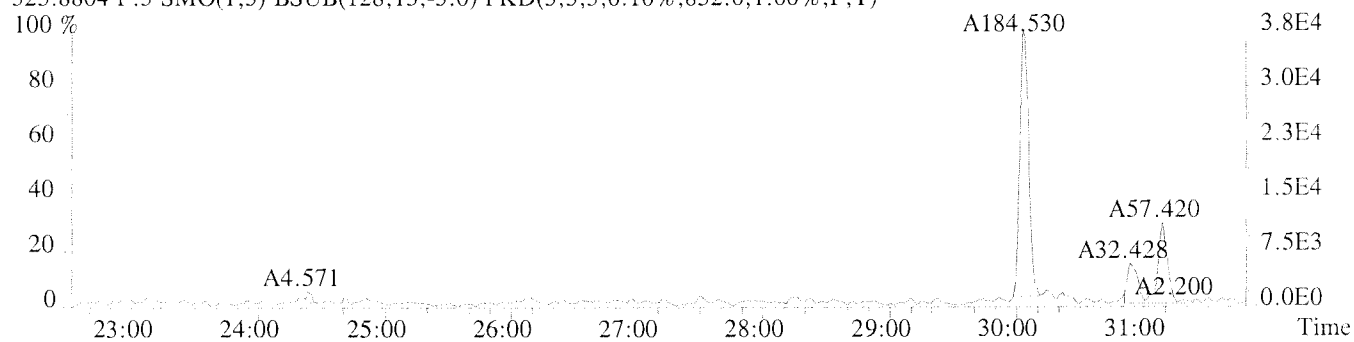
MANUAL INTEGRATION EXPLANATION
 ① POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER

ANALYST *cel* REVIEWER *SA*
 1/17/11 1/16/11

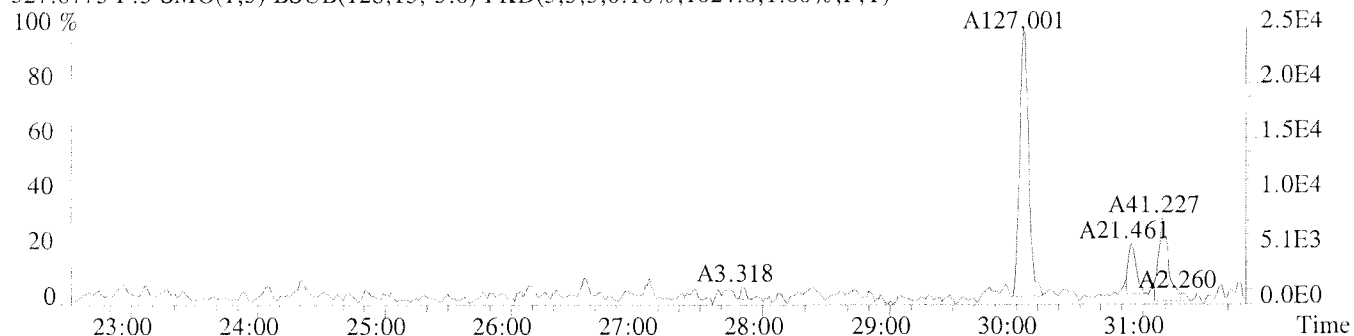
File:U224749 #1-594 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-01 MB

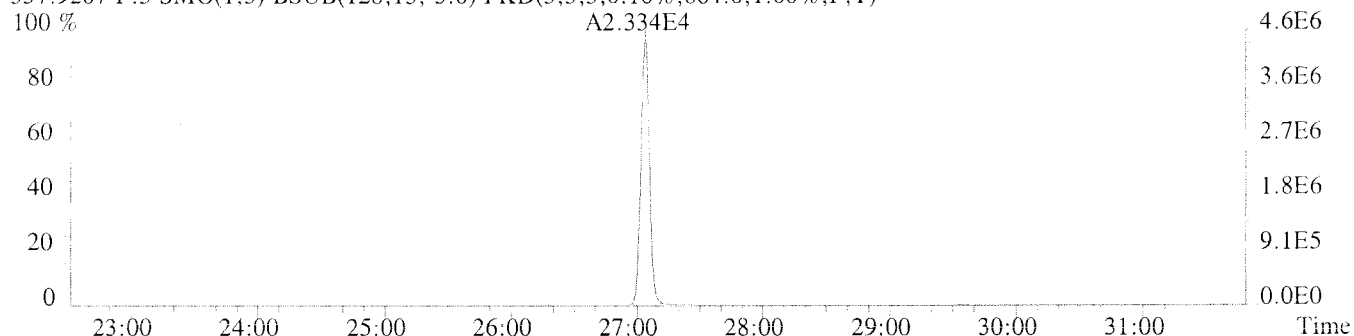
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,852.0,1.00%,F,T)



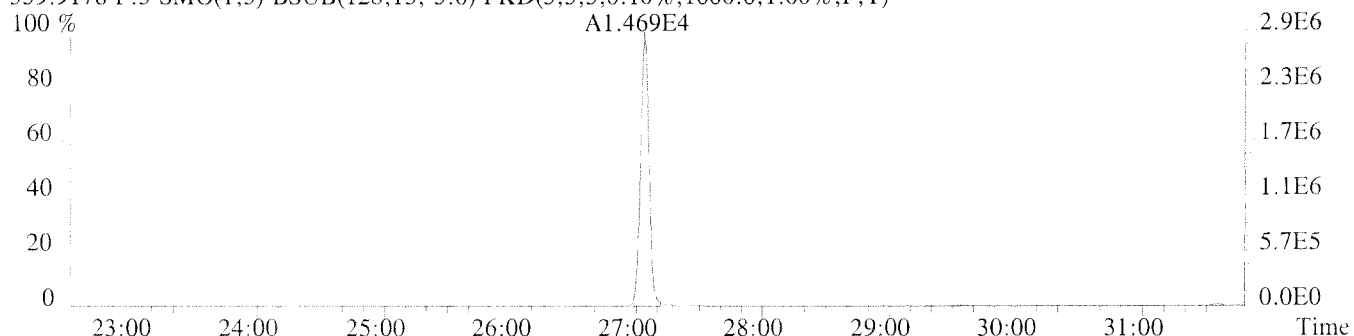
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1024.0,1.00%,F,T)



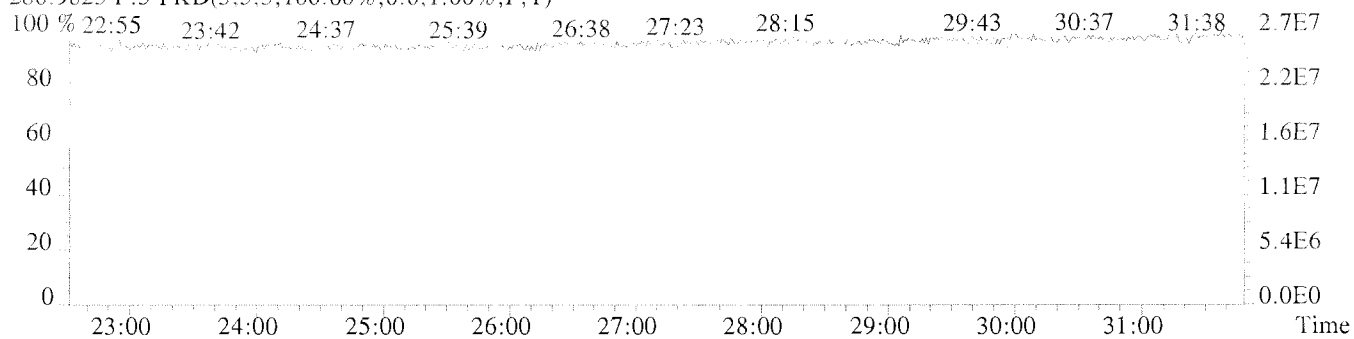
339.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,864.0,1.00%,F,T)



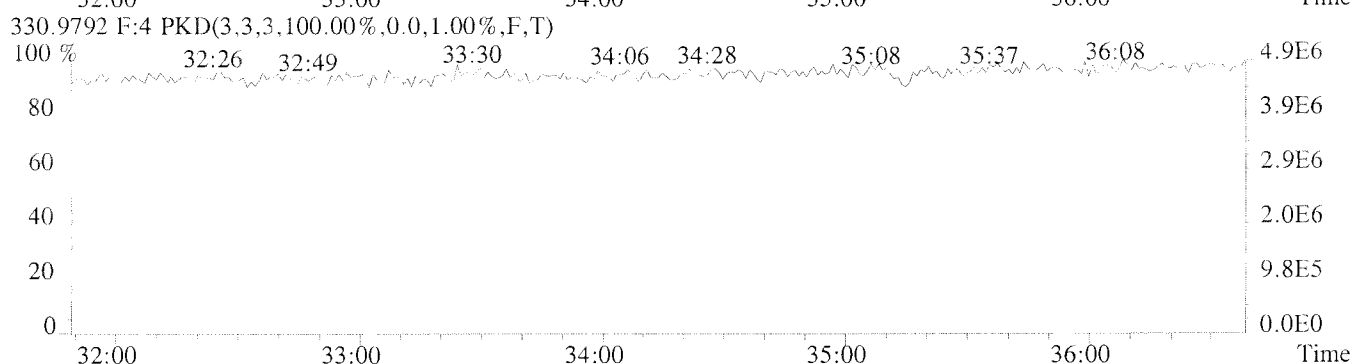
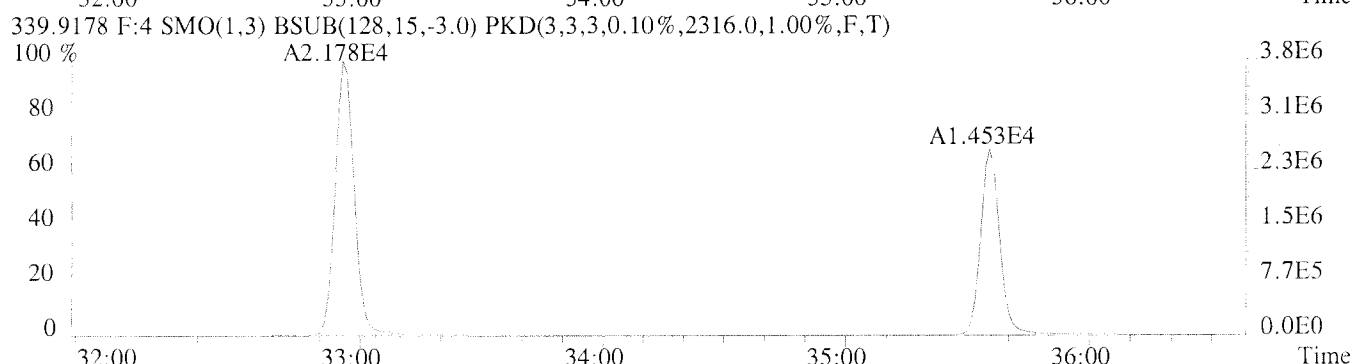
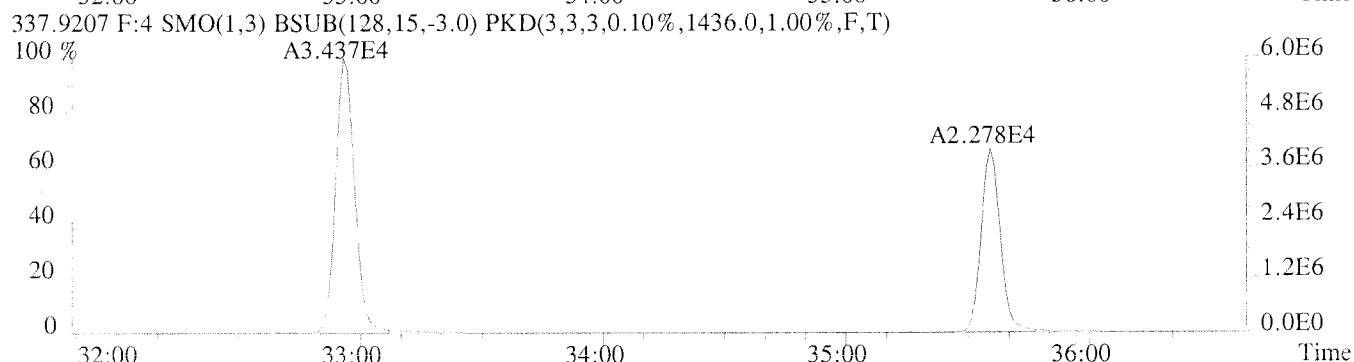
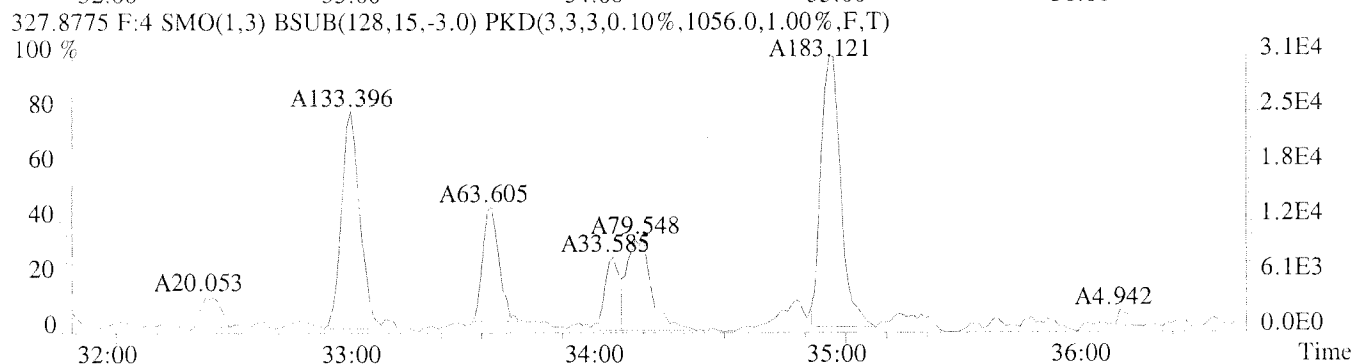
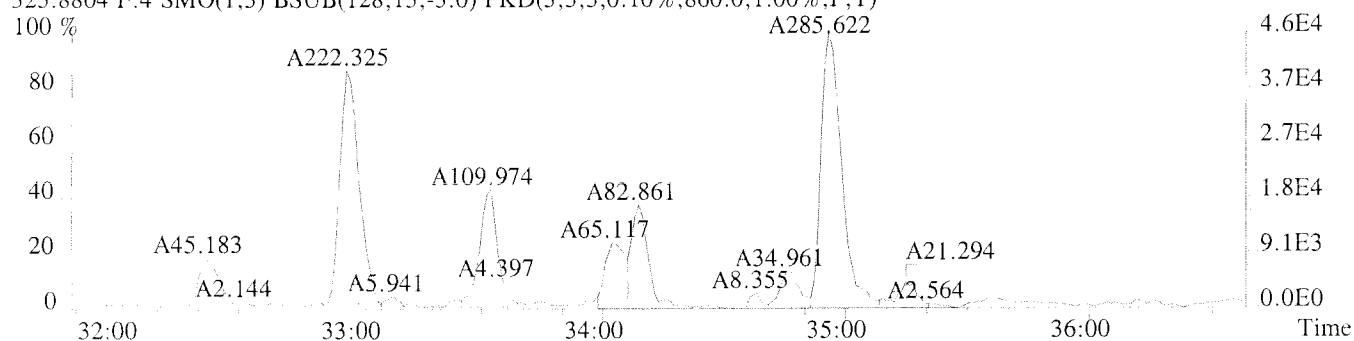
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1000.0,1.00%,F,T)



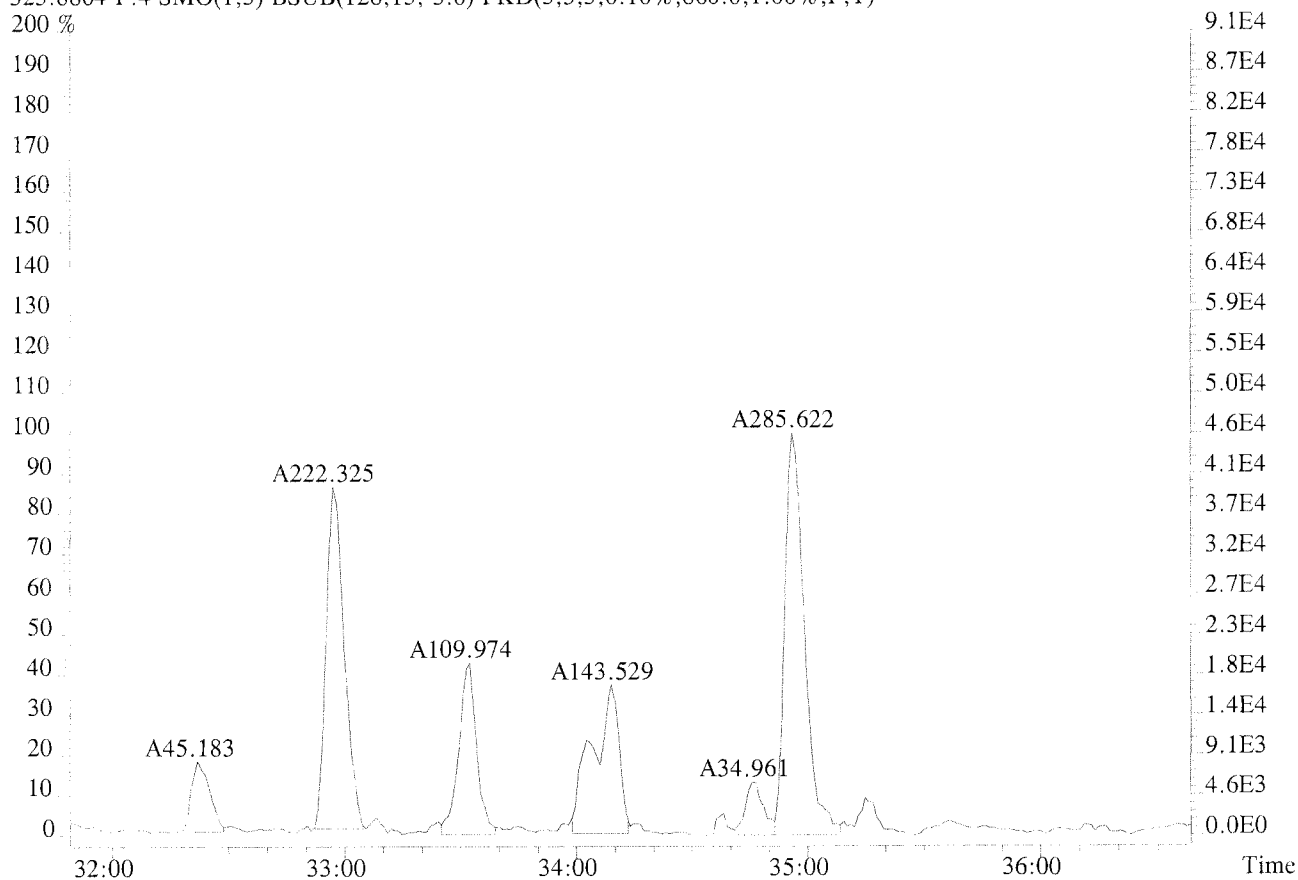
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



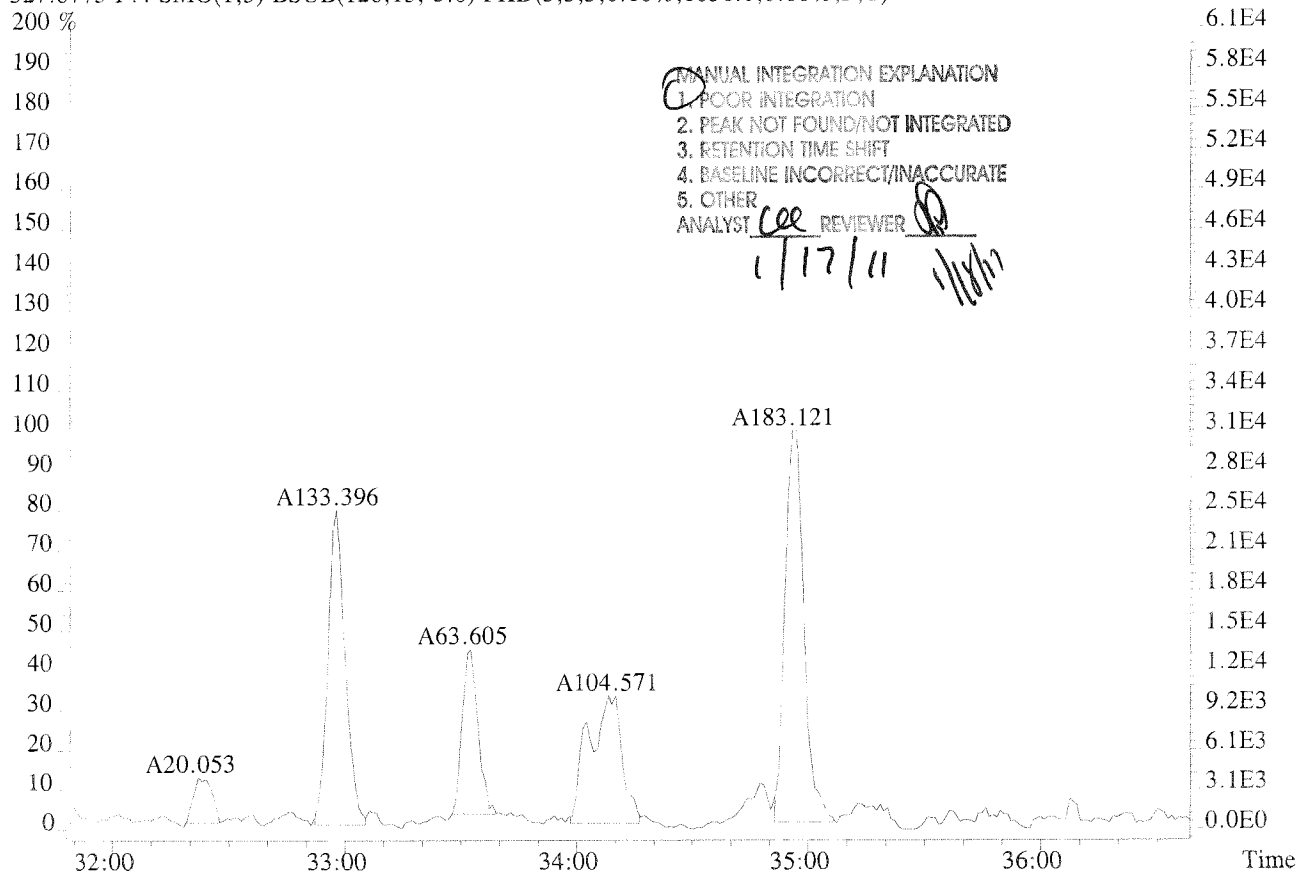
File:U224749 #1-309 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass spectF
 Sample#1 Exp:EQ1100013-01 MB
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,860.0,1.00%,F,T)
 100 %



File:U224749 #1-309 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:EQ1100013-01 MB
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,860.0,1.00%,F,T)

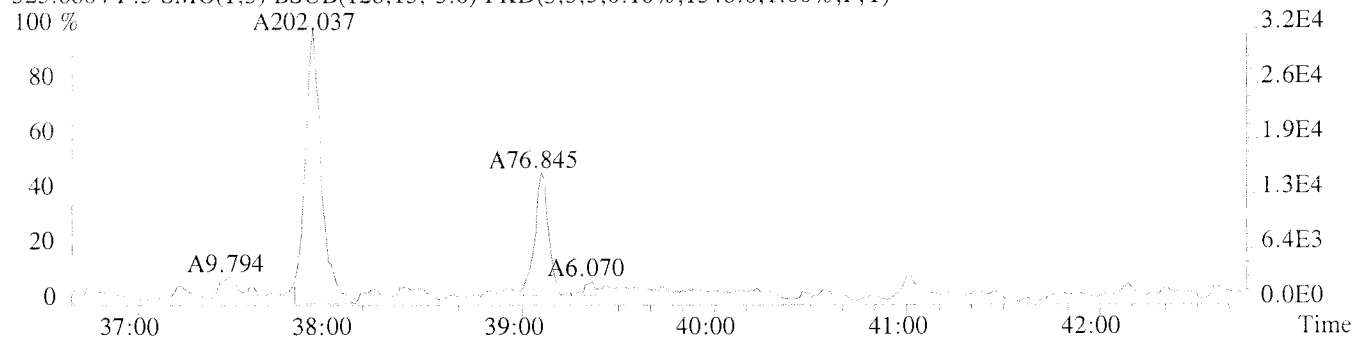


327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1056.0,1.00%,F,T)

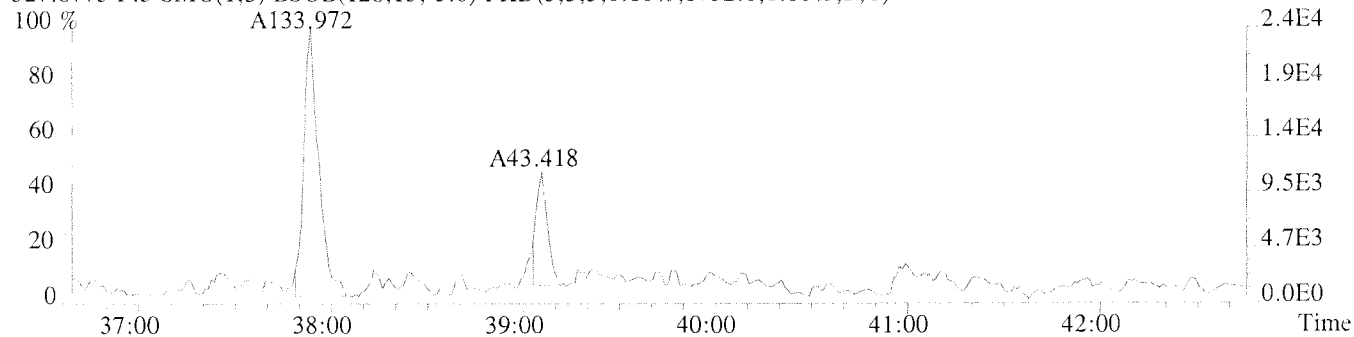


Sample#1 Exp:EQ1100013-01 MB

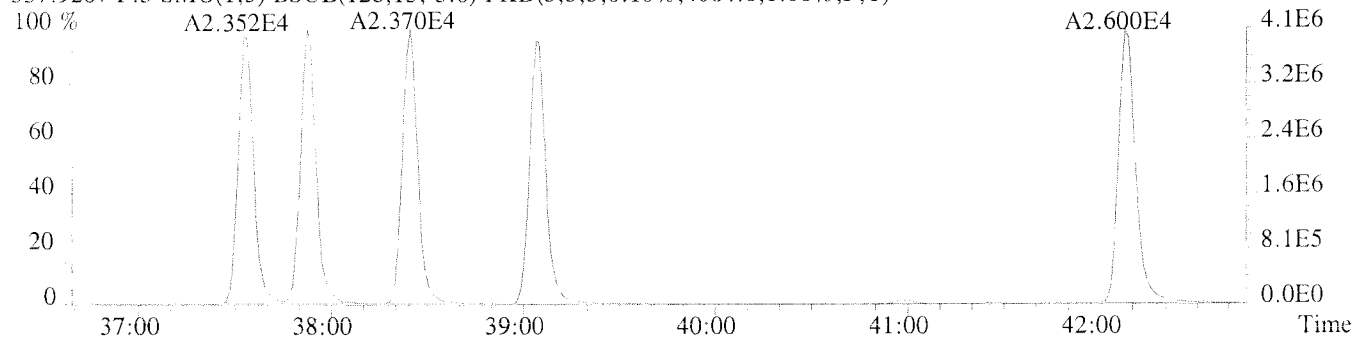
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1548.0,1.00%,F,T)



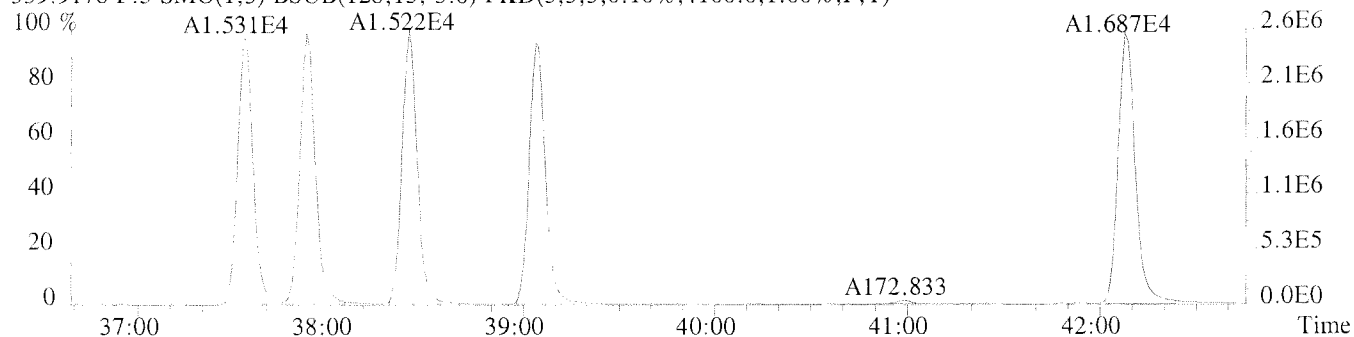
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1732.0,1.00%,F,T)



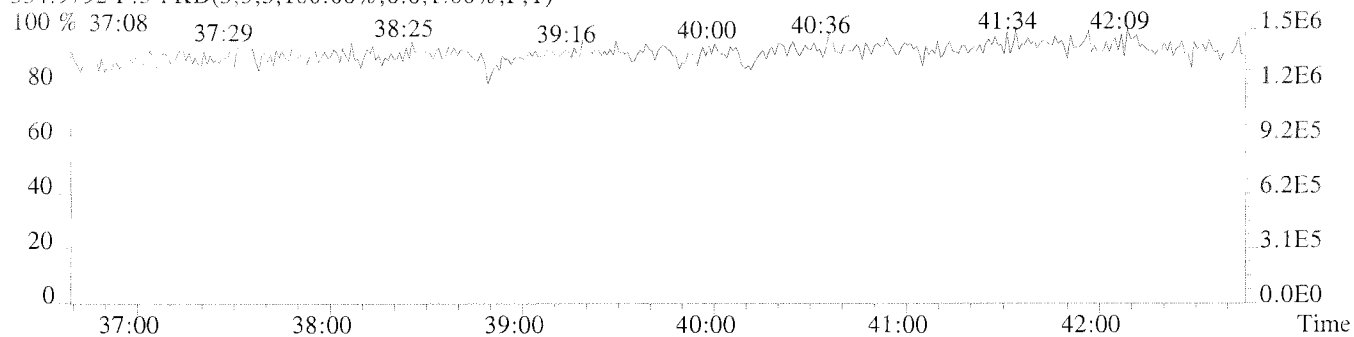
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4064.0,1.00%,F,T)



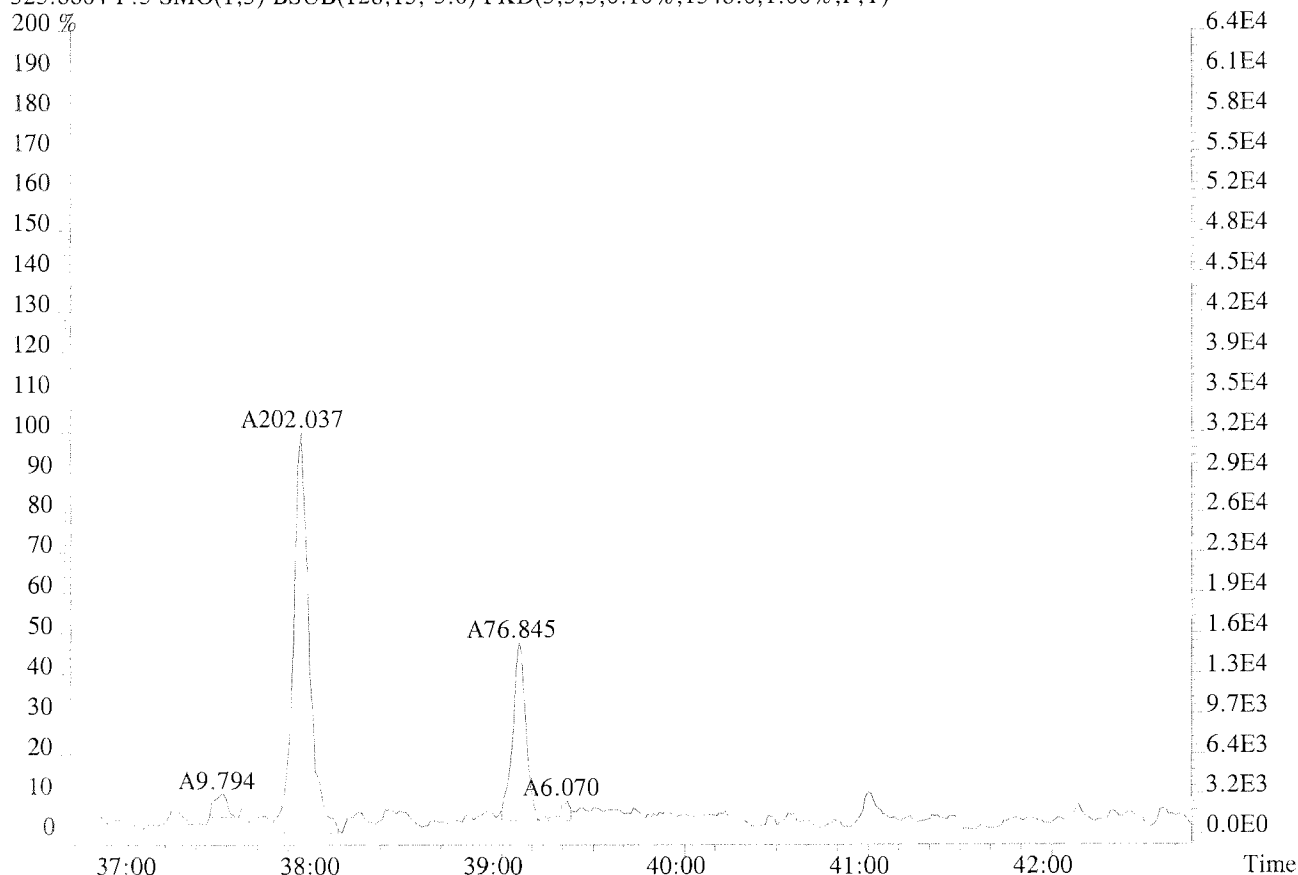
339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4100.0,1.00%,F,T)



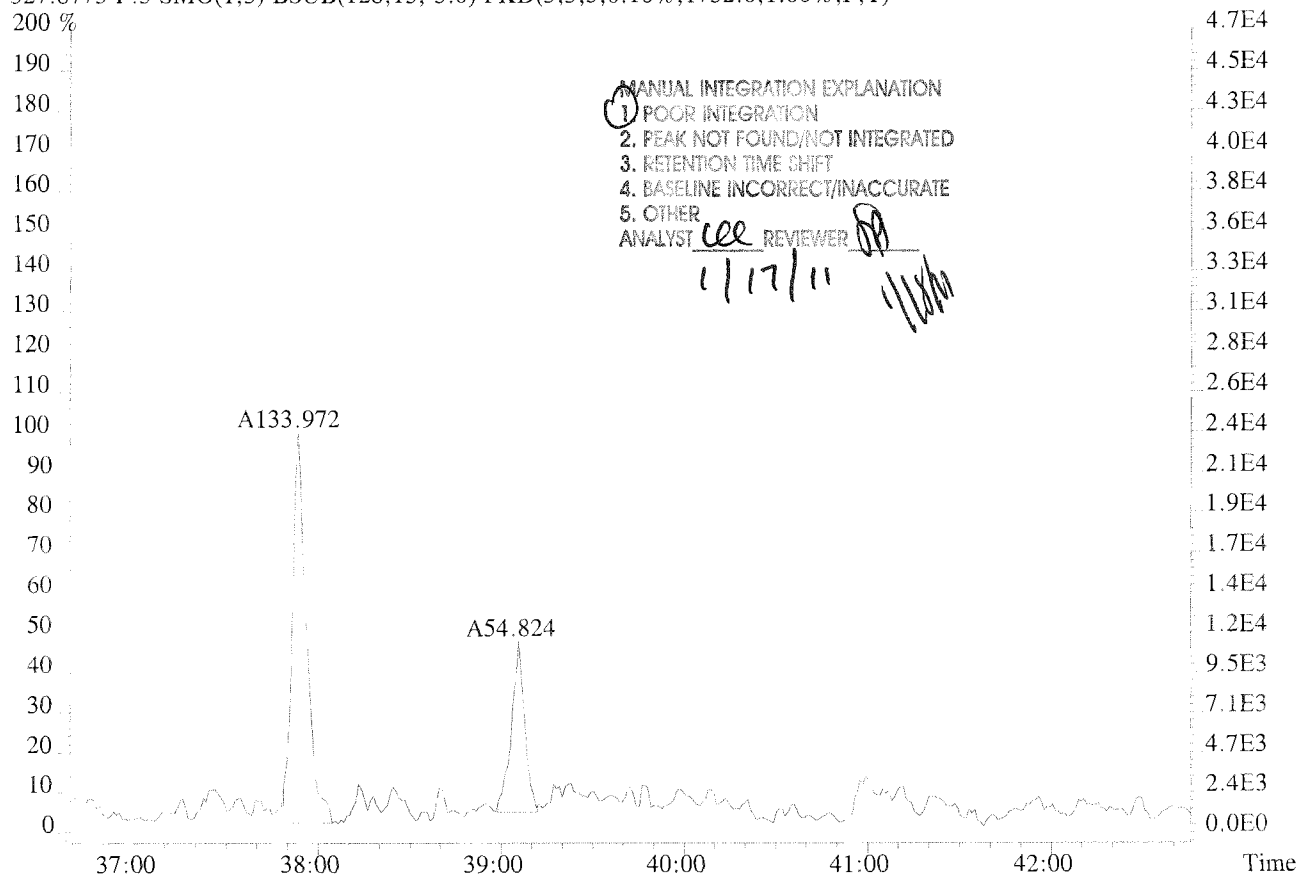
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224749 #1-391 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:EQ1100013-01 MB
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1548.0,1.00%,F,T)

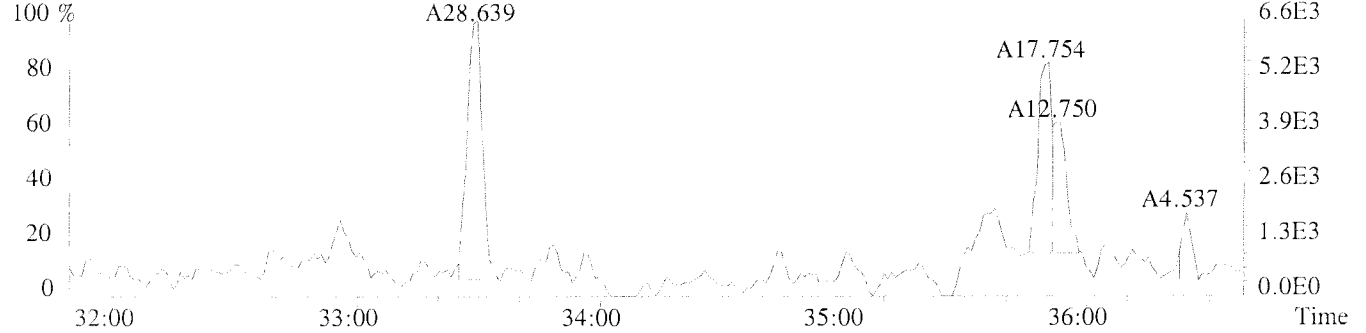


327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1732.0,1.00%,F,T)

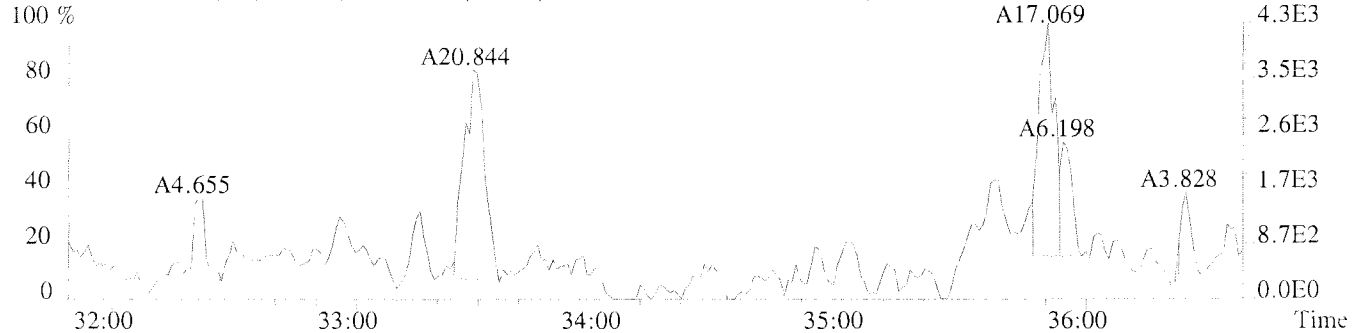


Sample#1 Exp:EQ1100013-01 MB

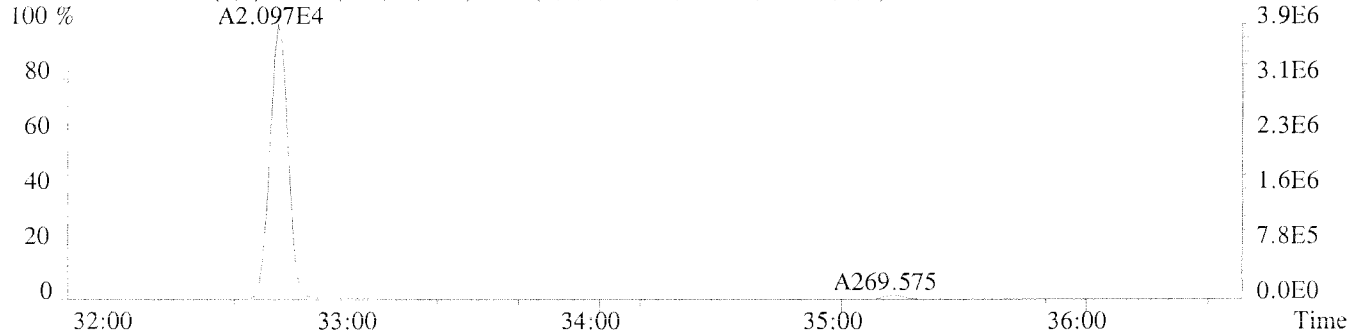
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,784.0,1.00%,F,T)



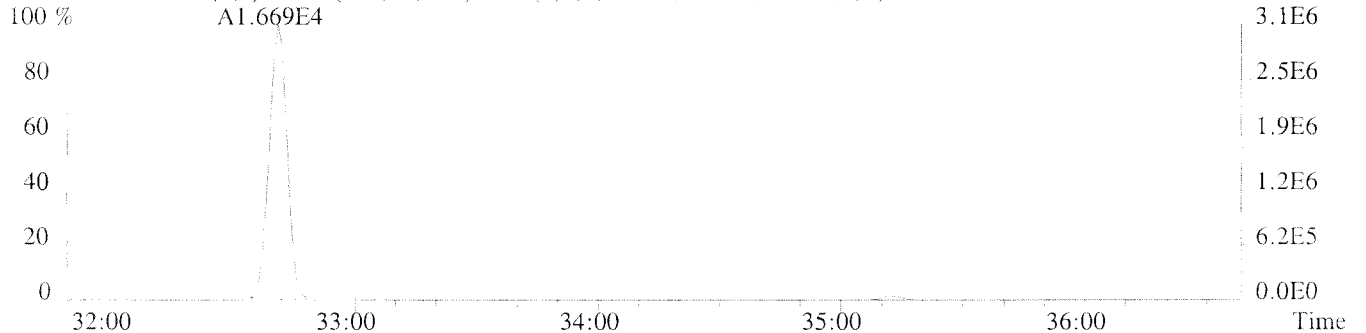
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,744.0,1.00%,F,T)



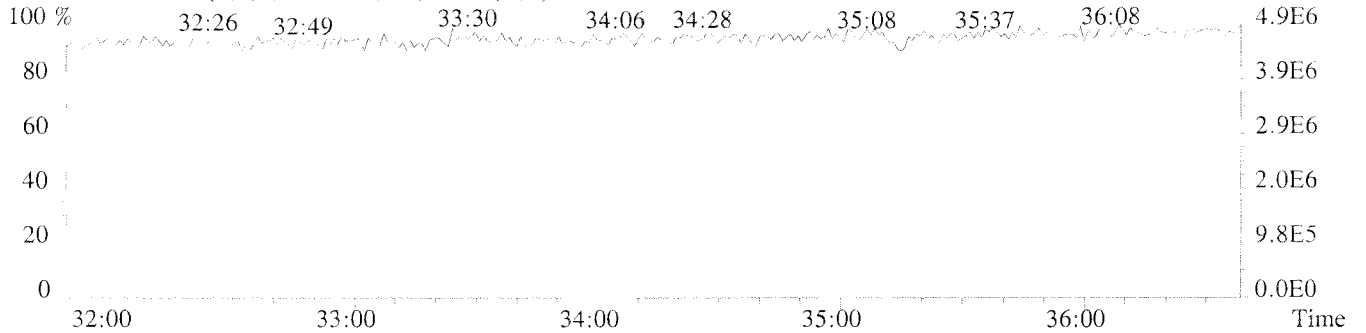
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1104.0,1.00%,F,T)



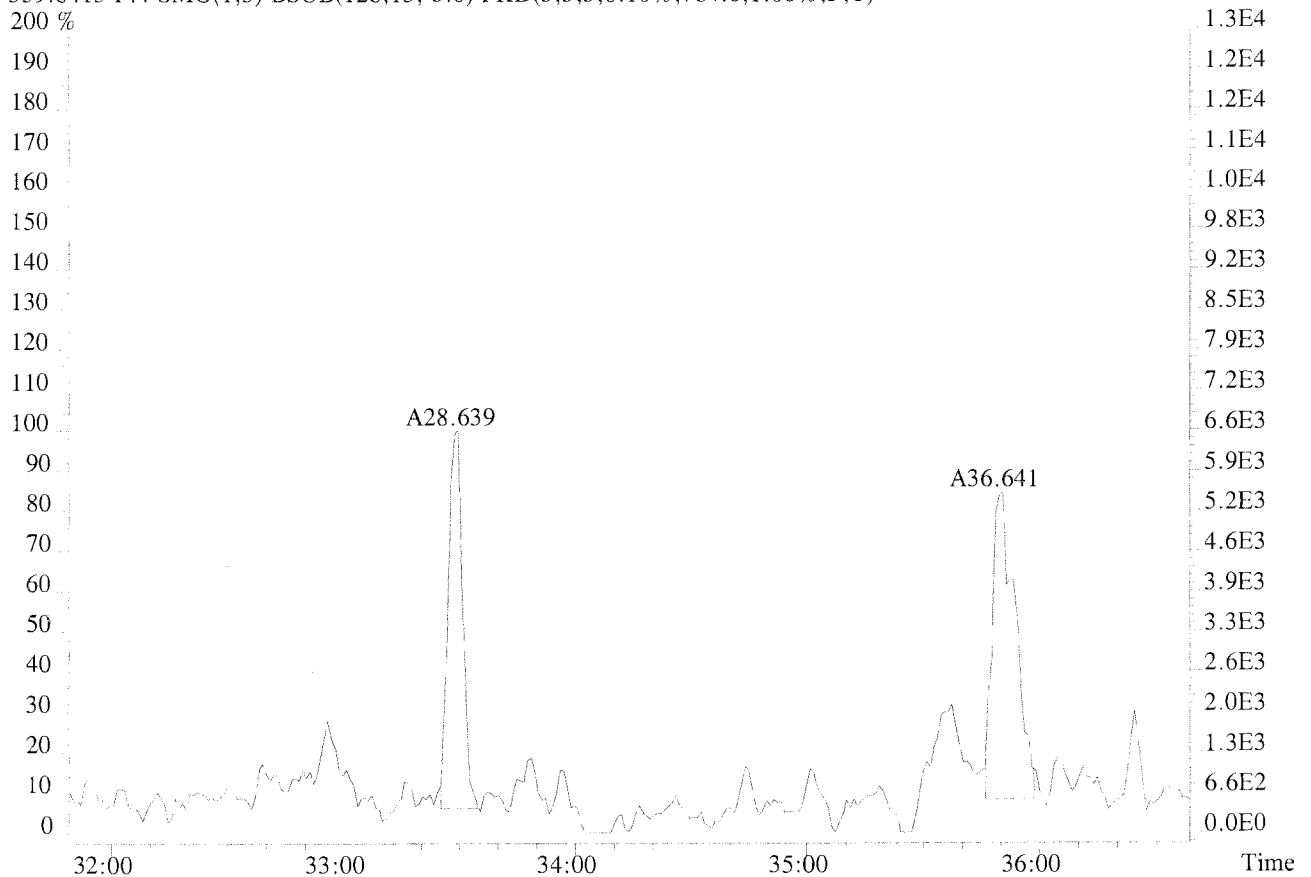
373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)



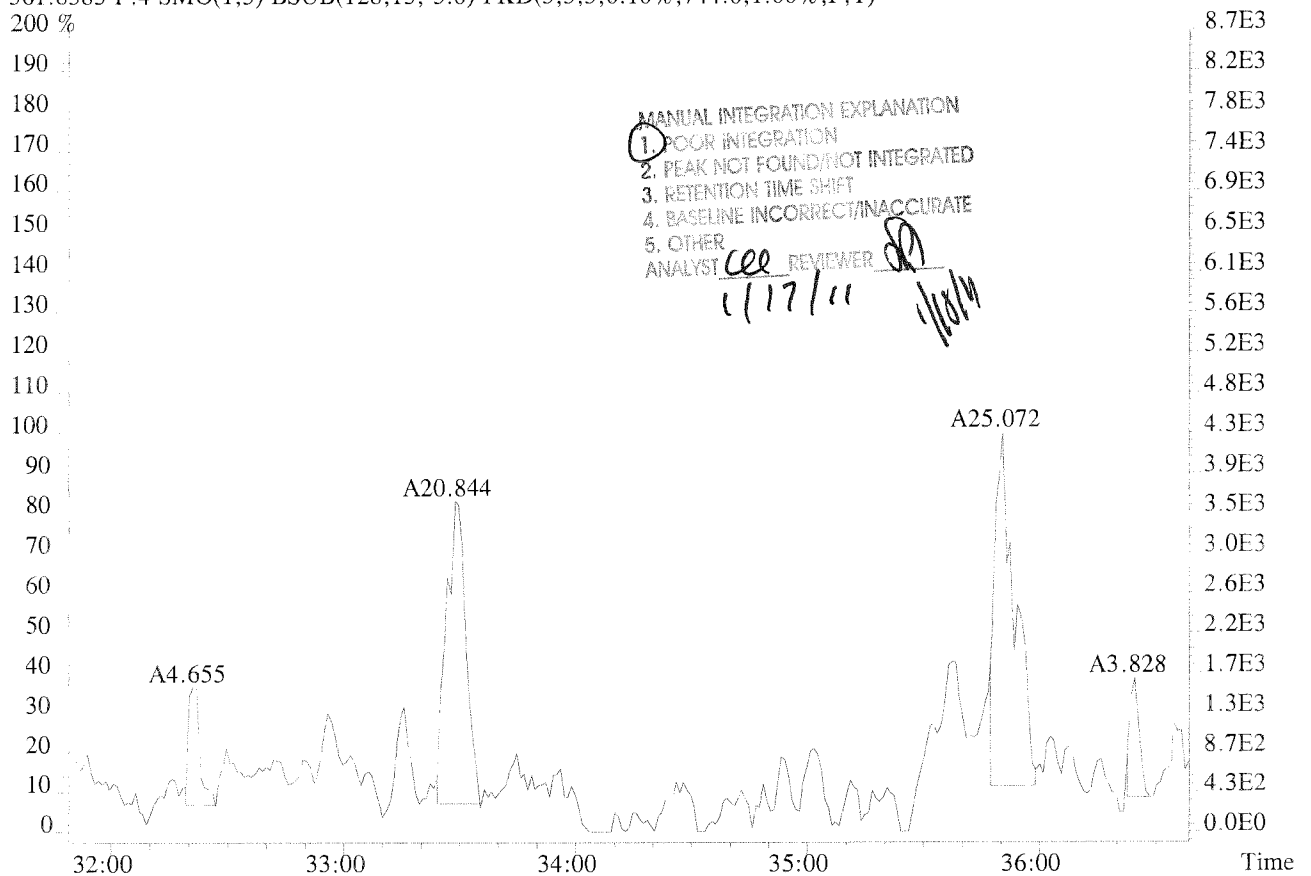
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224749 #1-309 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:EQ1100013-01 MB
 359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,784.0,1.00%,F,T)
 200 %



361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,744.0,1.00%,F,T)
 200 %

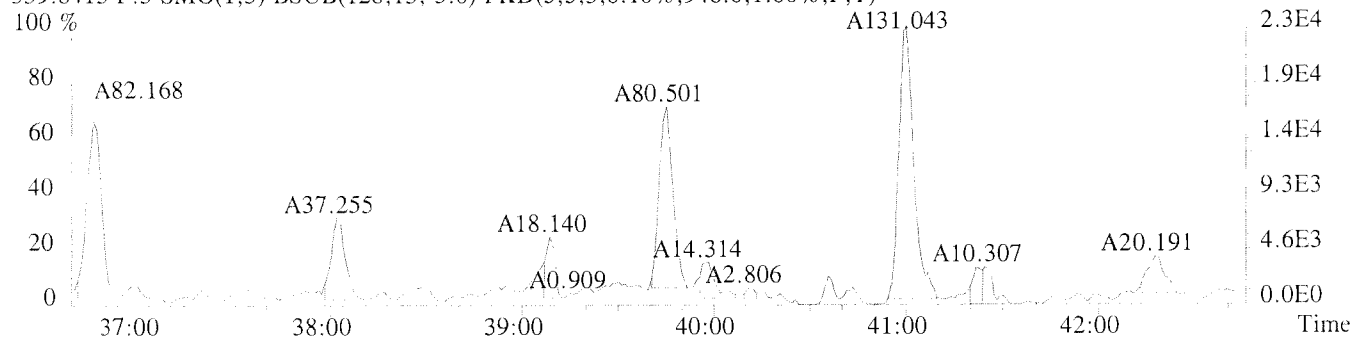


MANUAL INTEGRATION EXPLANATION
 1. POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER
 ANALYST *cel* REVIEWER *[Signature]*

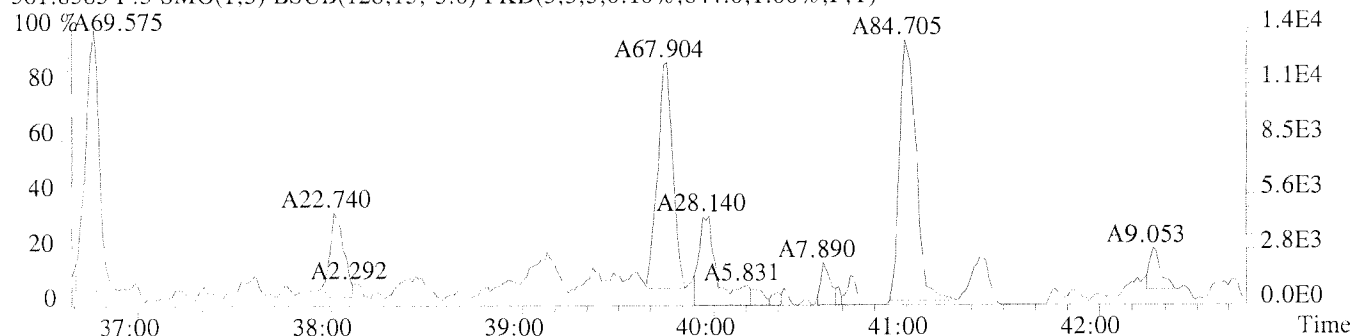
1/17/11 *1/18/11*

Sample#1 Exp:EQ1100013-01 MB

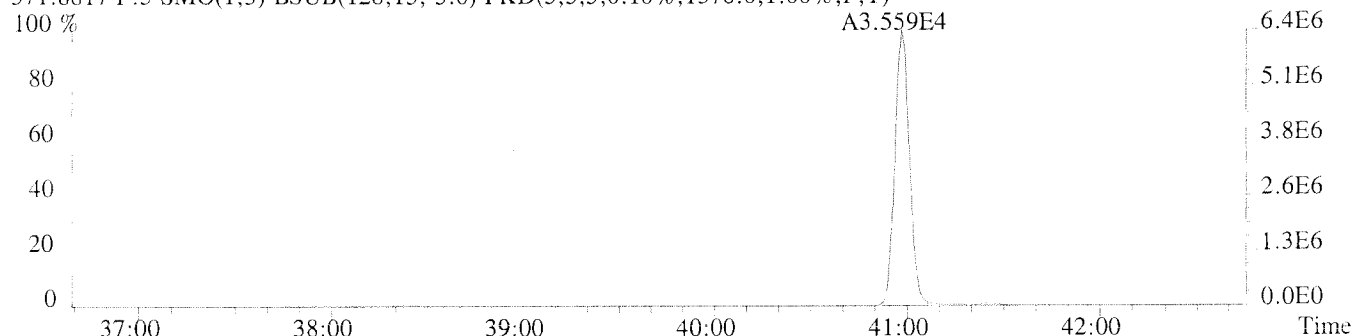
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,948.0,1.00%,F,T)



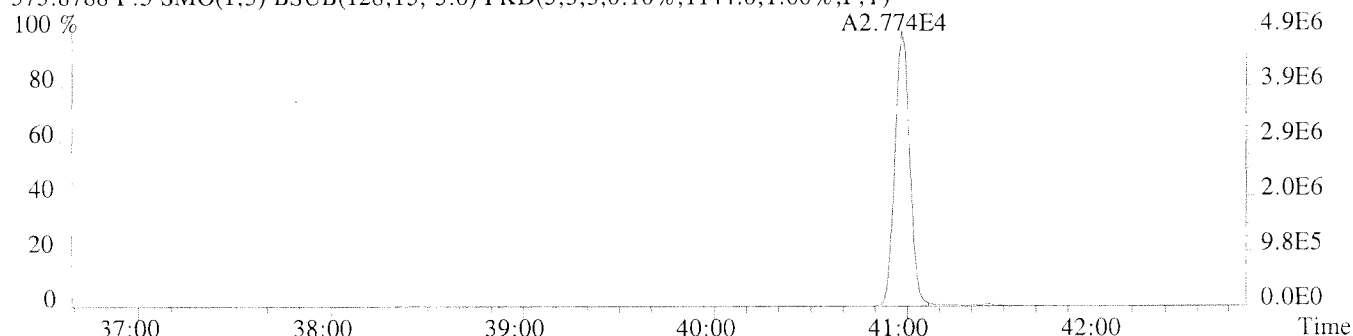
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,844.0,1.00%,F,T)



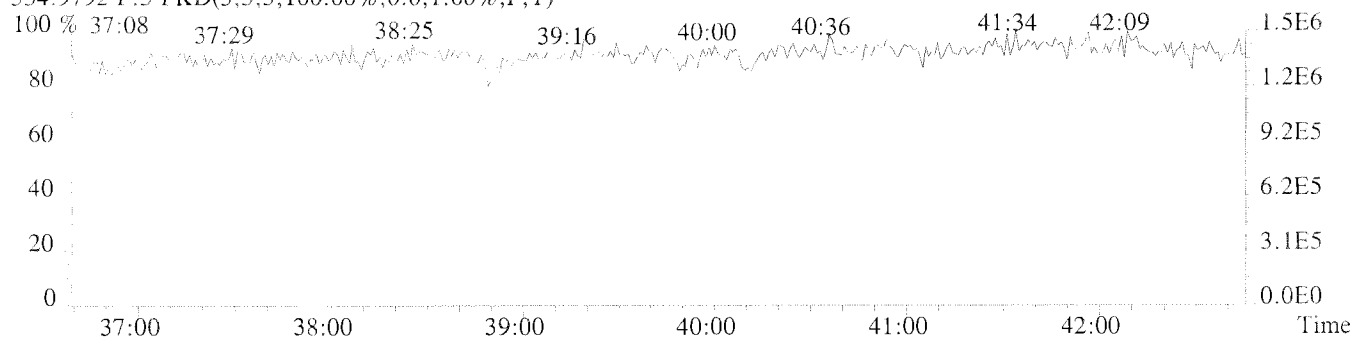
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1376.0,1.00%,F,T)



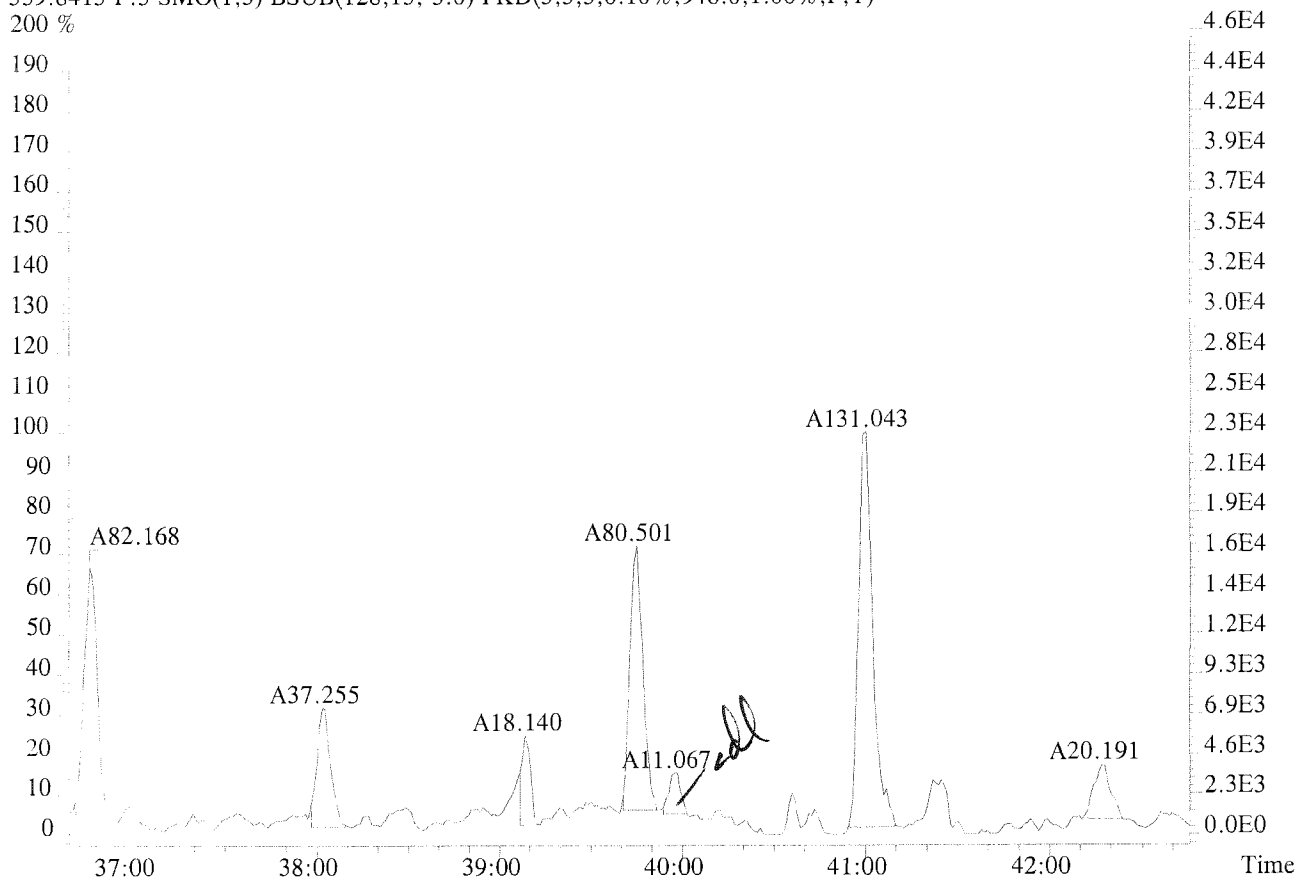
373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1144.0,1.00%,F,T)



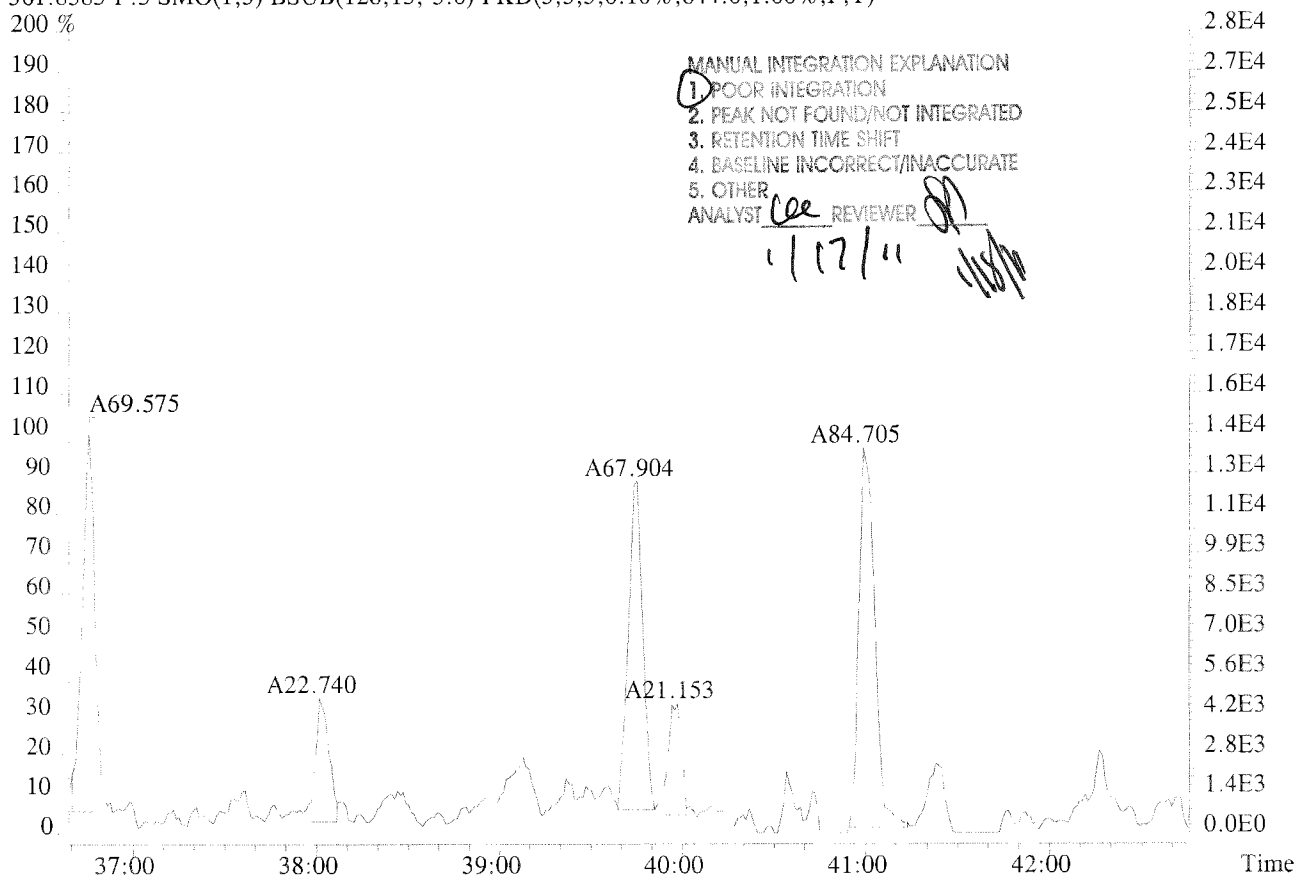
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224749 #1-391 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:EQ1100013-01 MB
 359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,948.0,1.00%,F,T)
 200 %



361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,844.0,1.00%,F,T)
 200 %



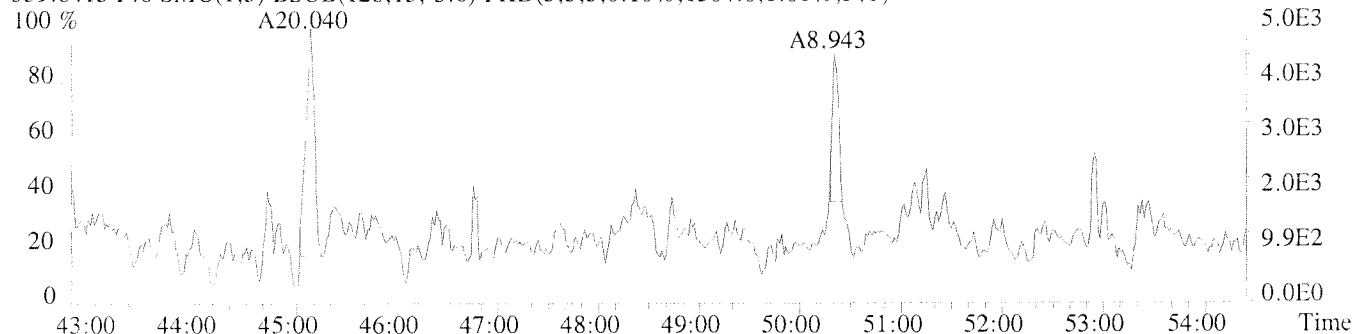
MANUAL INTEGRATION EXPLANATION
 1. POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER
 ANALYST *lee* REVIEWER *SP*

1/17/11 *lee*

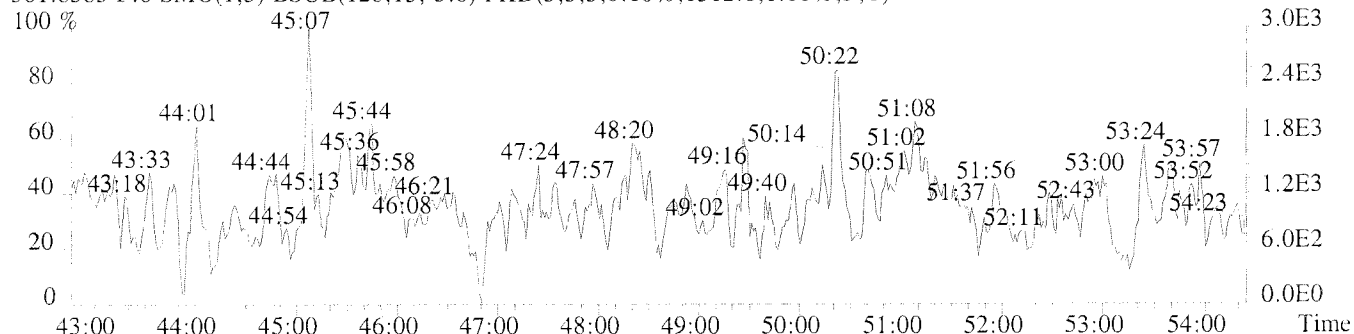
File:U224749 #1-577 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-01 MB

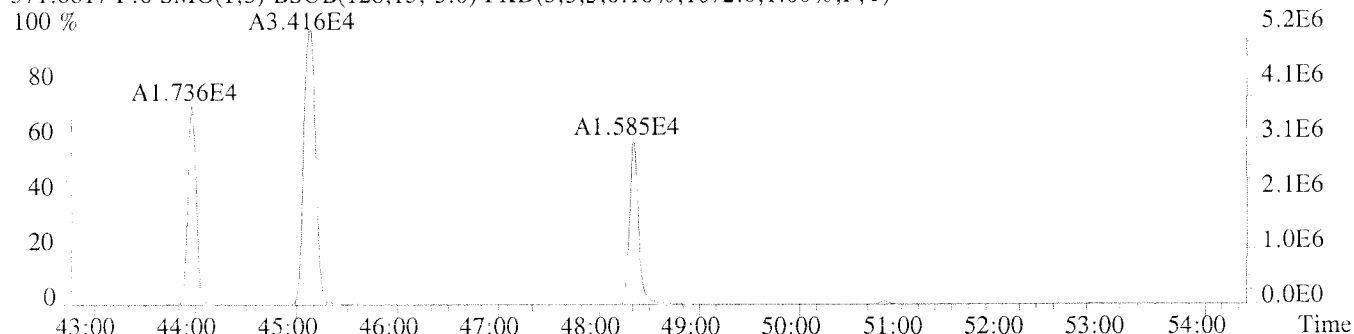
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1504.0,1.00%,F,T)



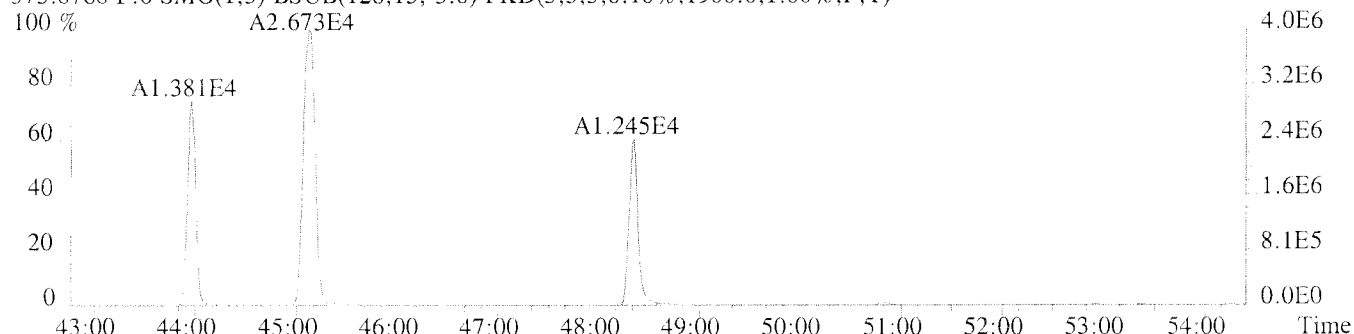
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1312.0,1.00%,F,T)



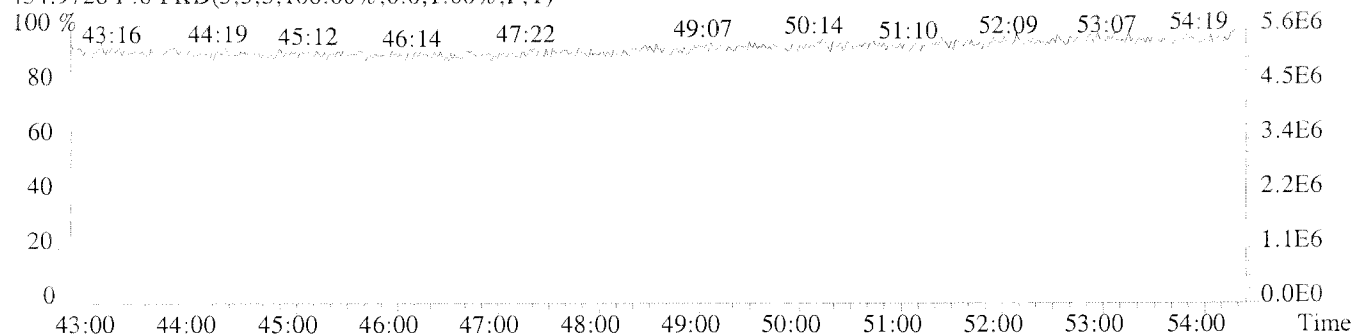
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1672.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1900.0,1.00%,F,T)

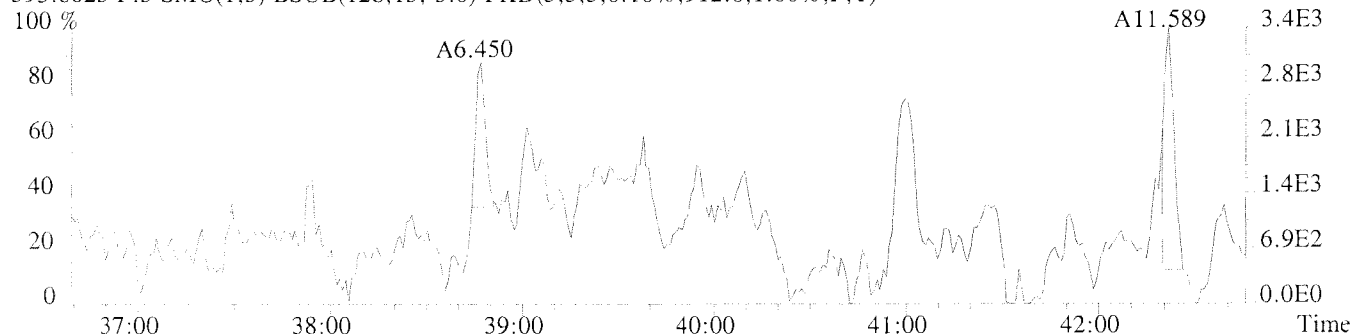


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

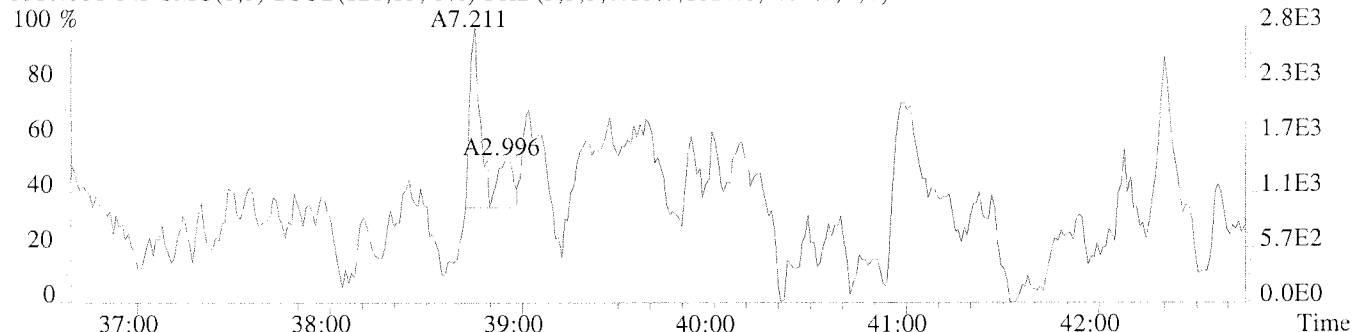


File:U224749 #1-391 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-01 MB

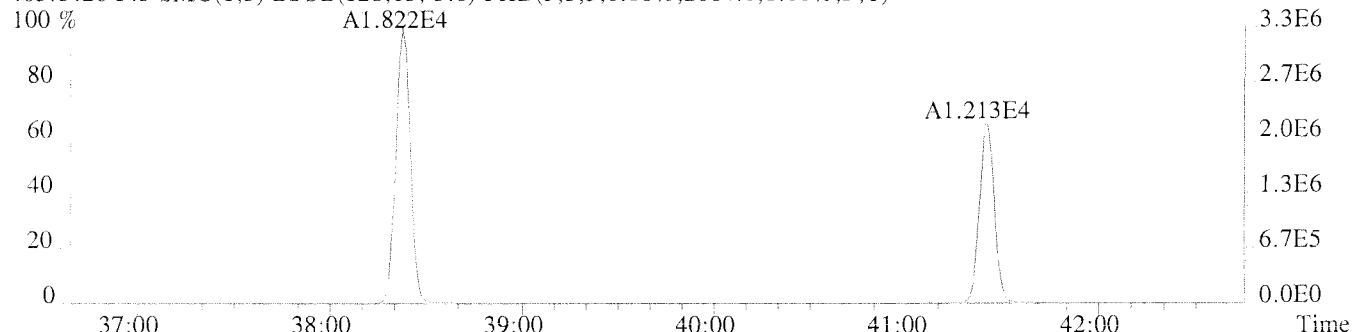
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,912.0,1.00%,F,T)



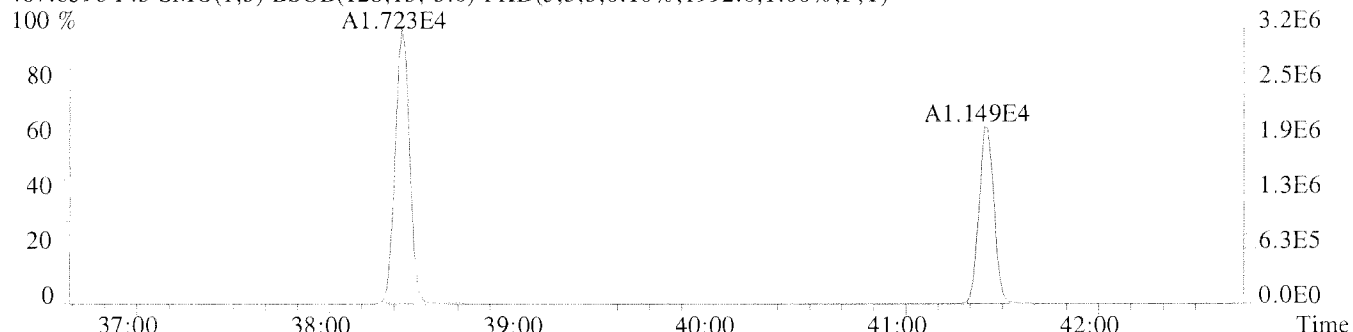
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1024.0,1.00%,F,T)



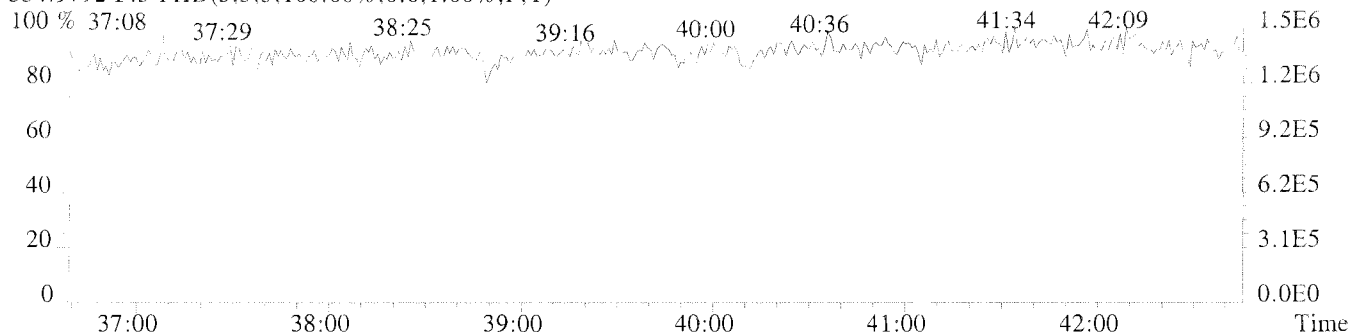
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2004.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1992.0,1.00%,F,T)



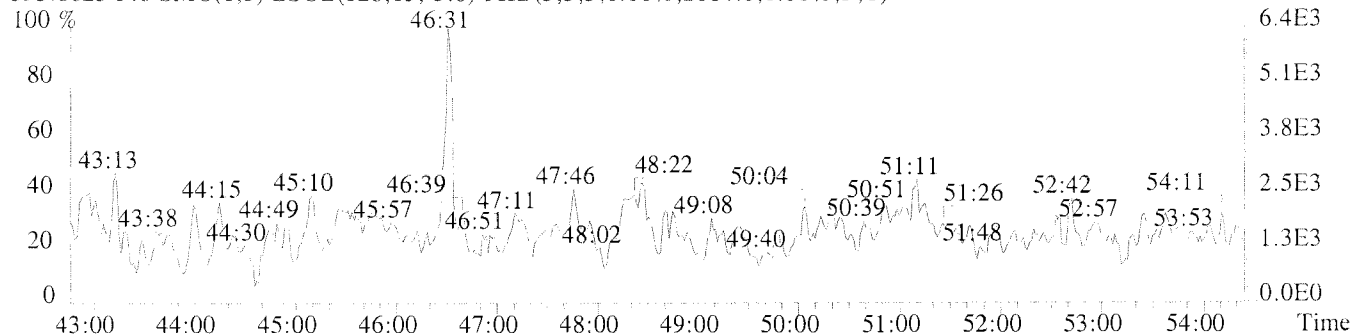
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



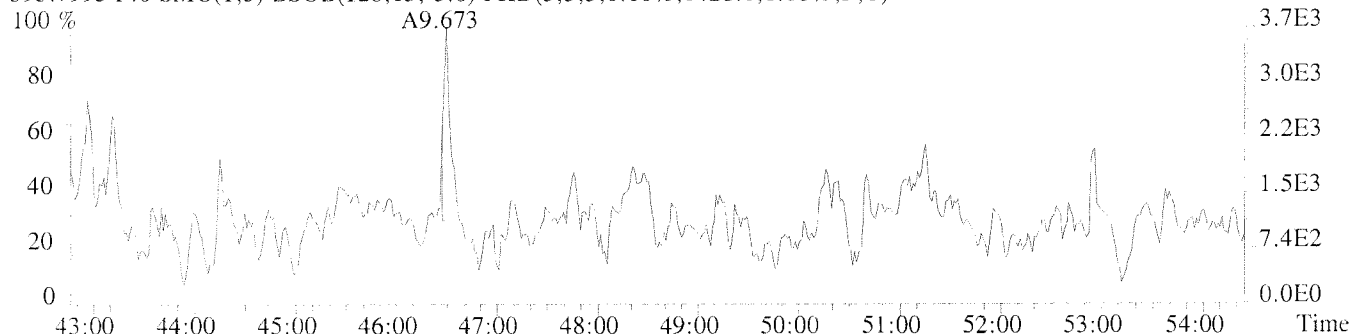
File:U224749 #1-577 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-01 MB

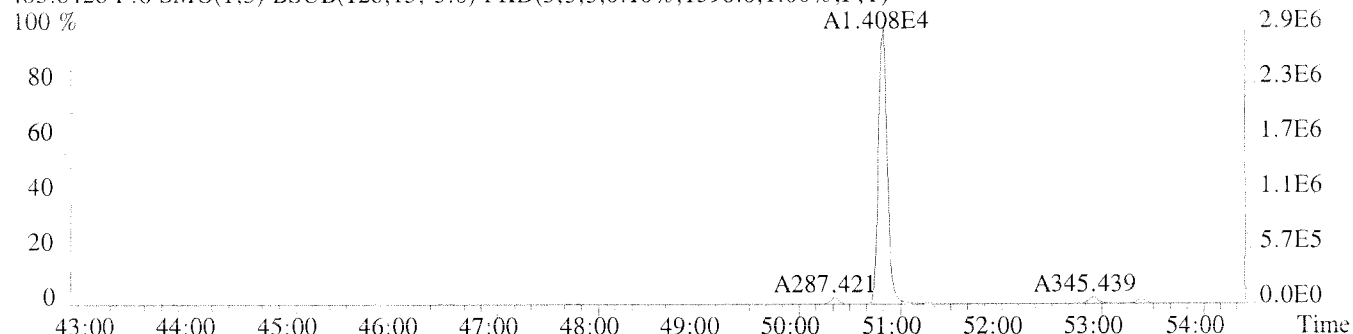
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2084.0,1.00%,F,T)



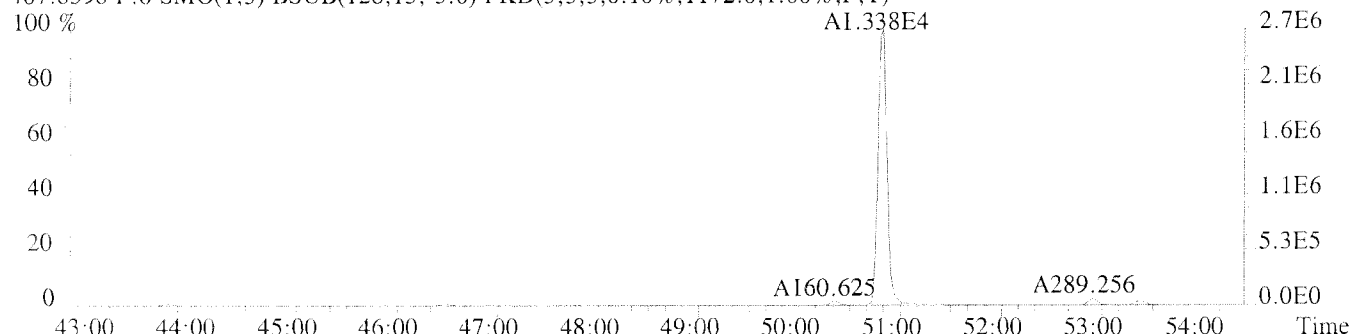
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1428.0,1.00%,F,T)



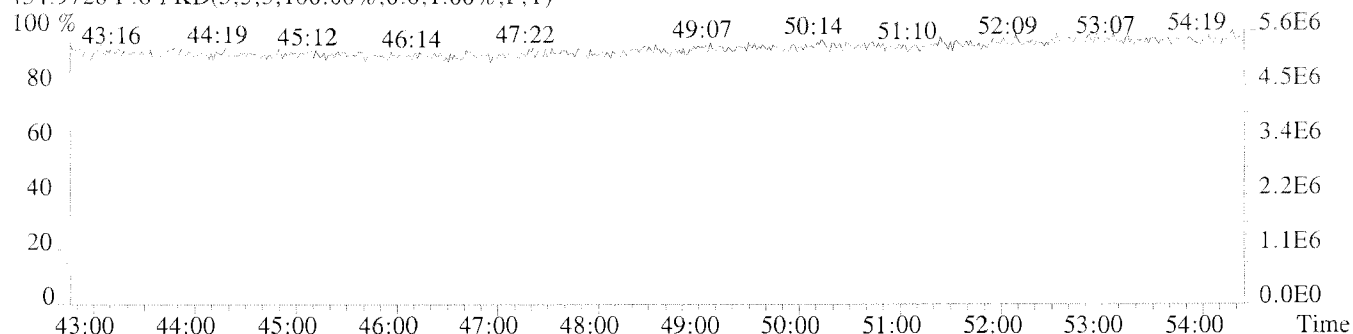
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1396.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1172.0,1.00%,F,T)



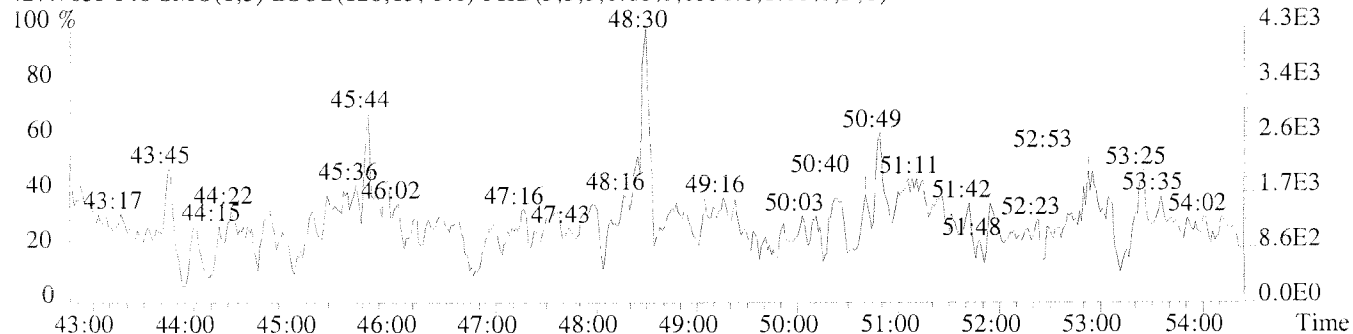
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



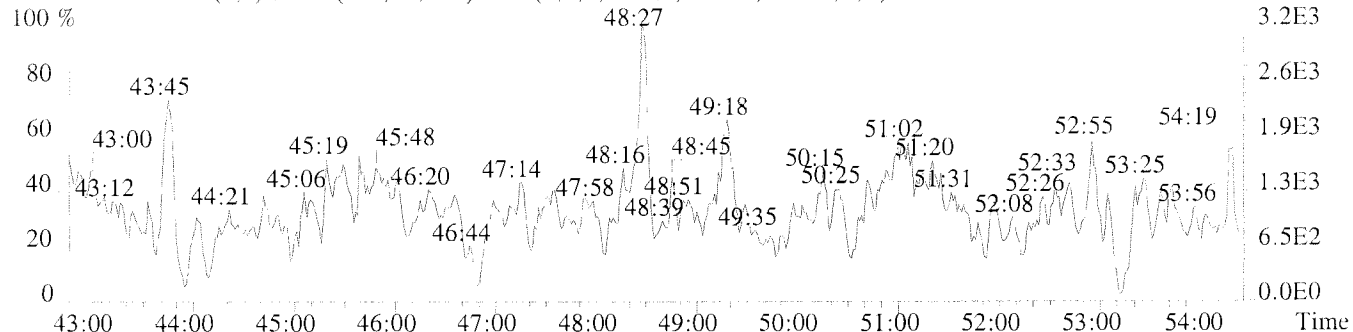
File:U224749 #1-577 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-01 MB

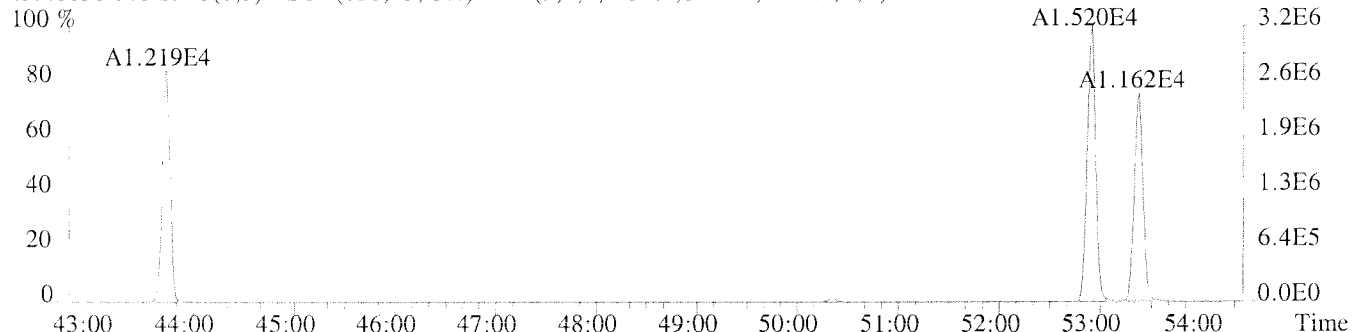
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1536.0,1.00%,F,T)



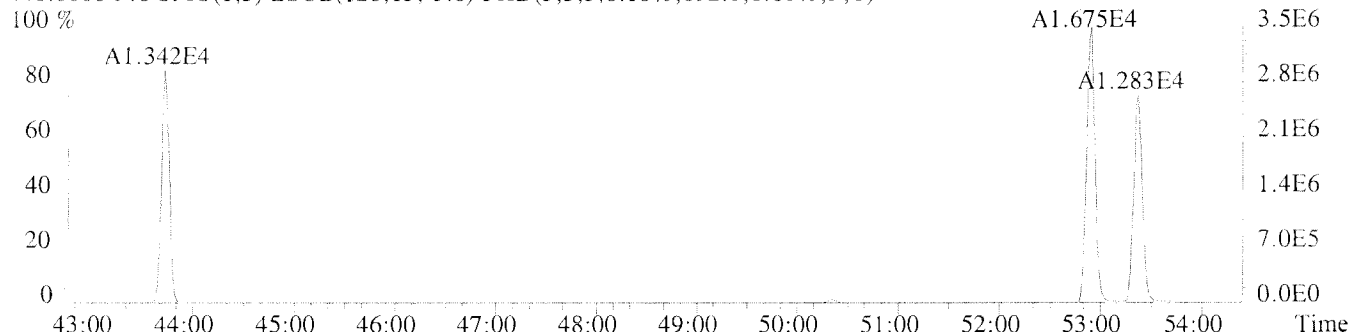
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1328.0,1.00%,F,T)



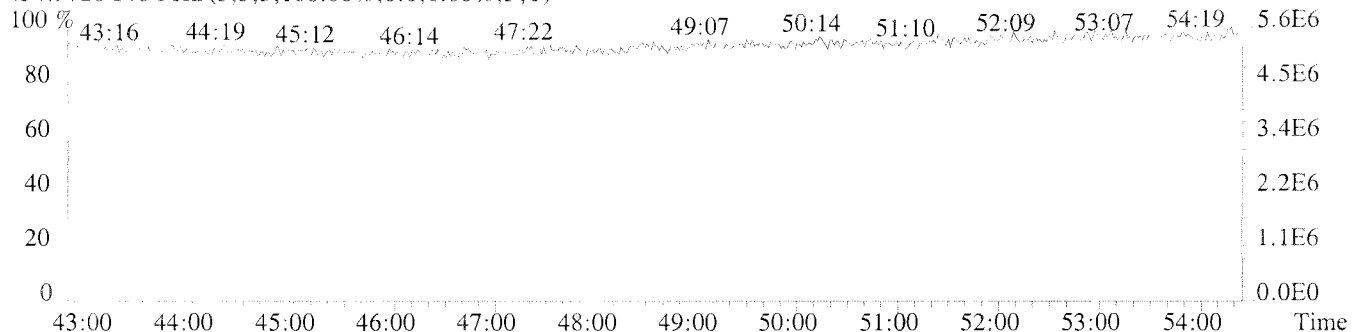
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1252.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,T)



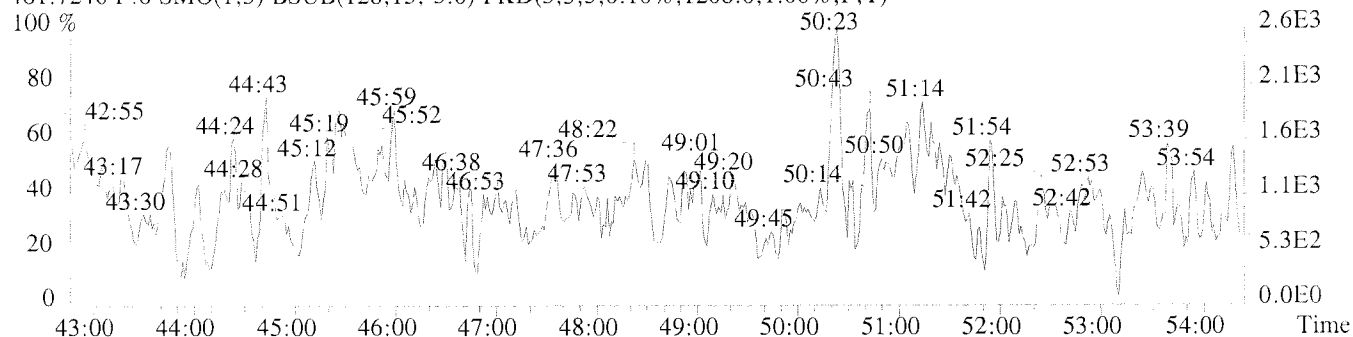
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



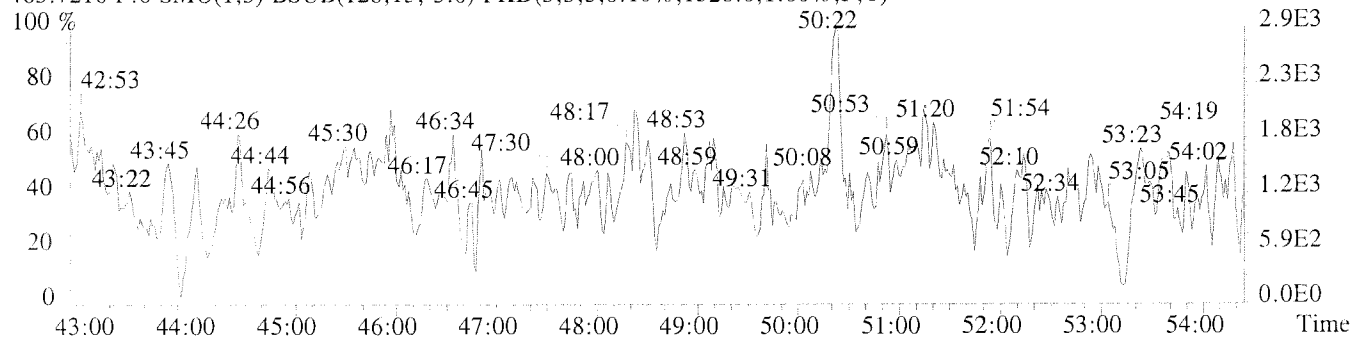
File:U224749 #1-577 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-01 MB

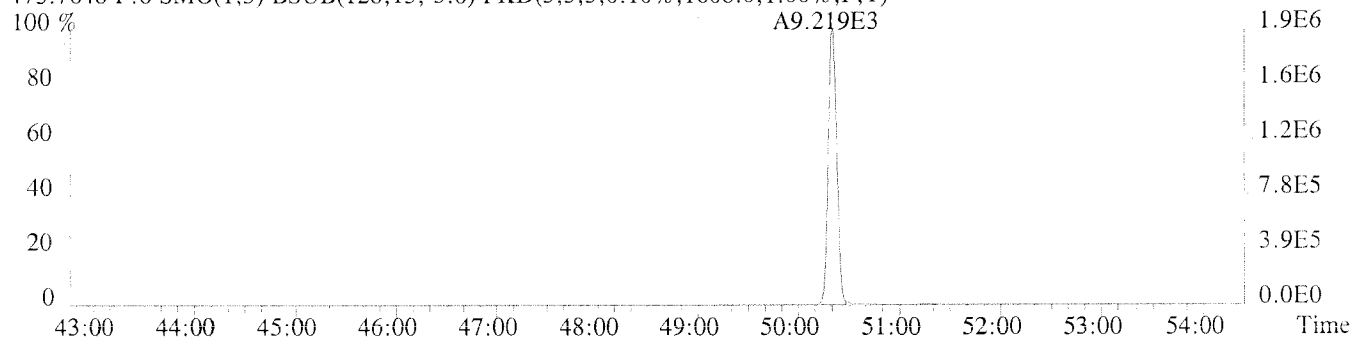
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1208.0,1.00%,F,T)



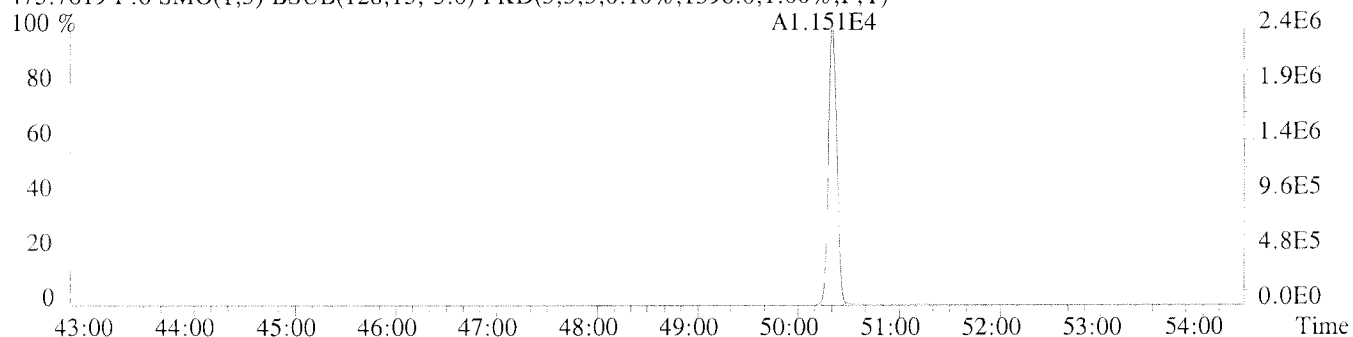
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1528.0,1.00%,F,T)



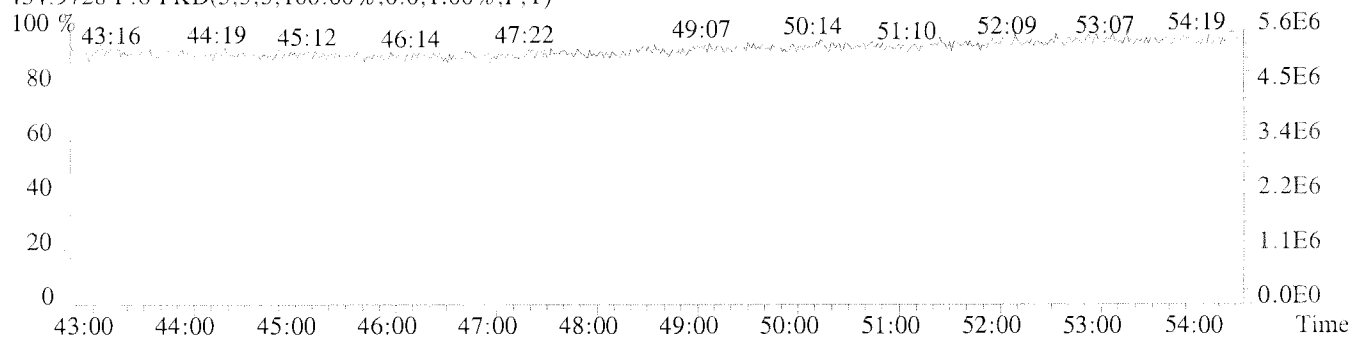
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1608.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1396.0,1.00%,F,T)



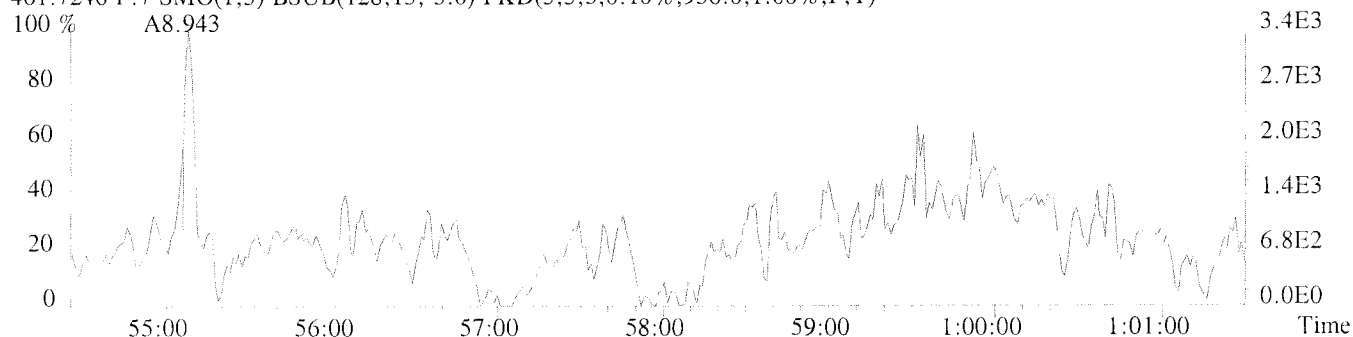
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



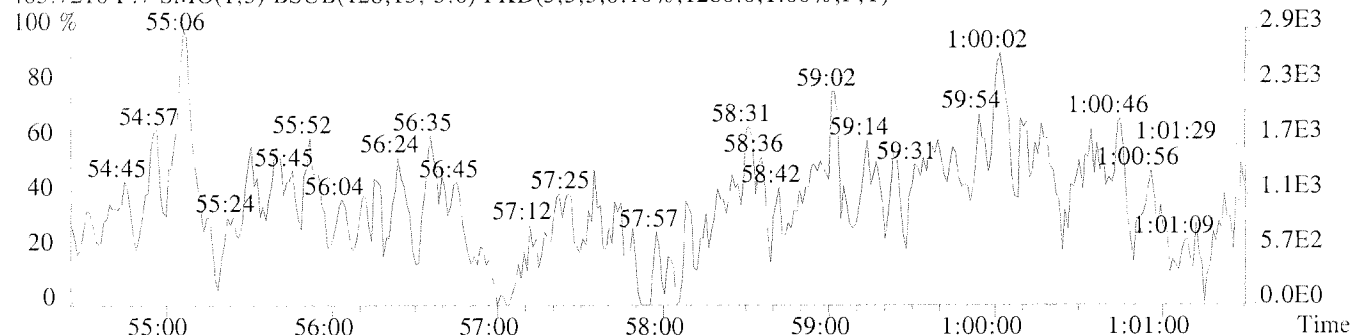
File:U224749 #1-400 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-01 MB

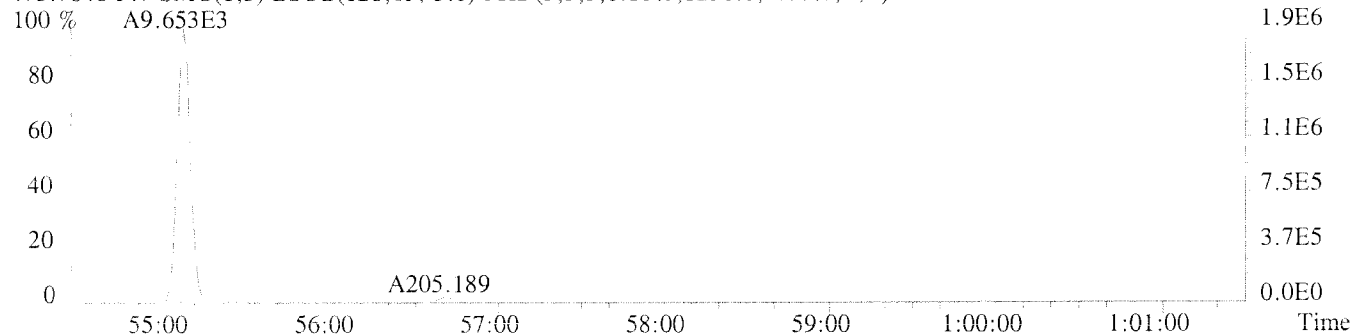
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,936.0,1.00%,F,T)



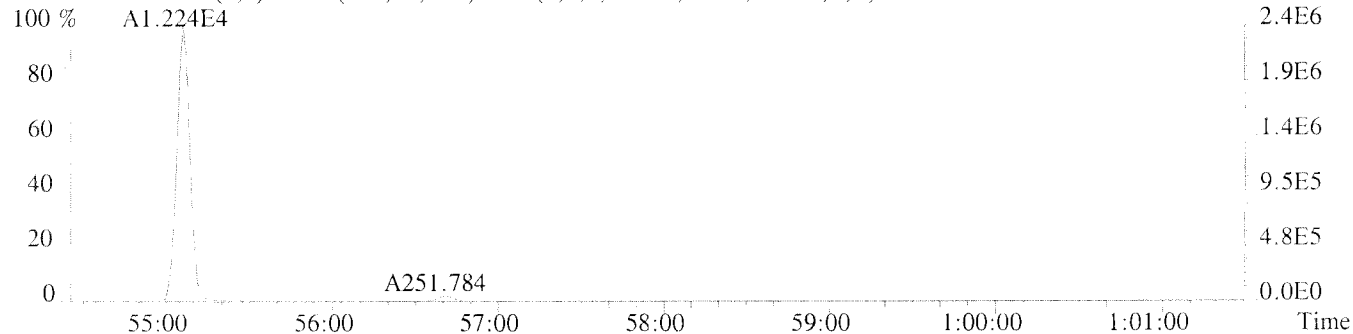
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,T)



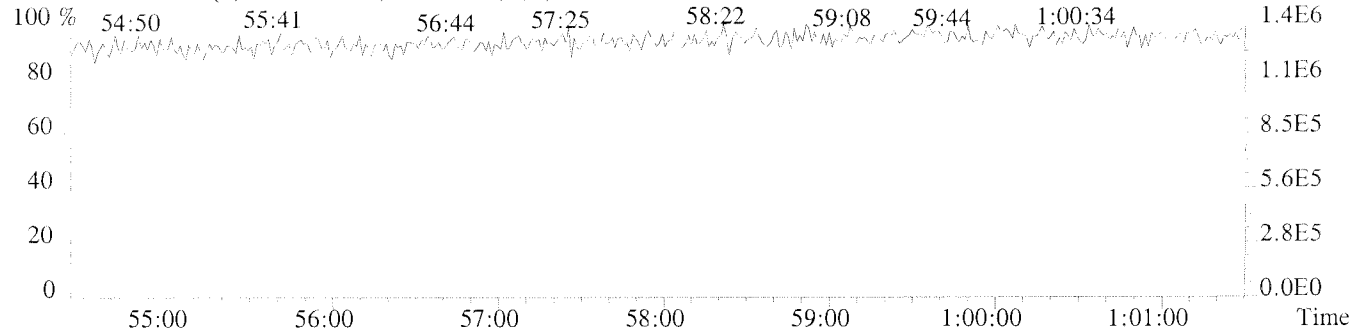
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,888.0,1.00%,F,T)

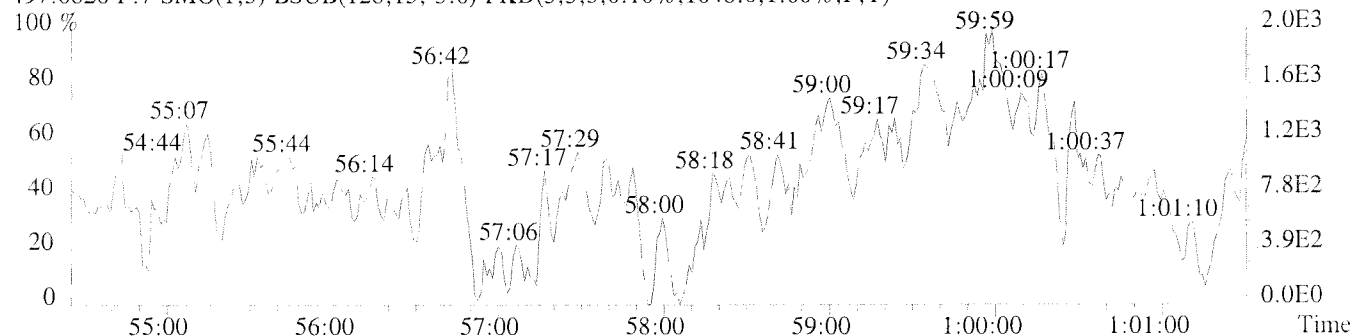


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

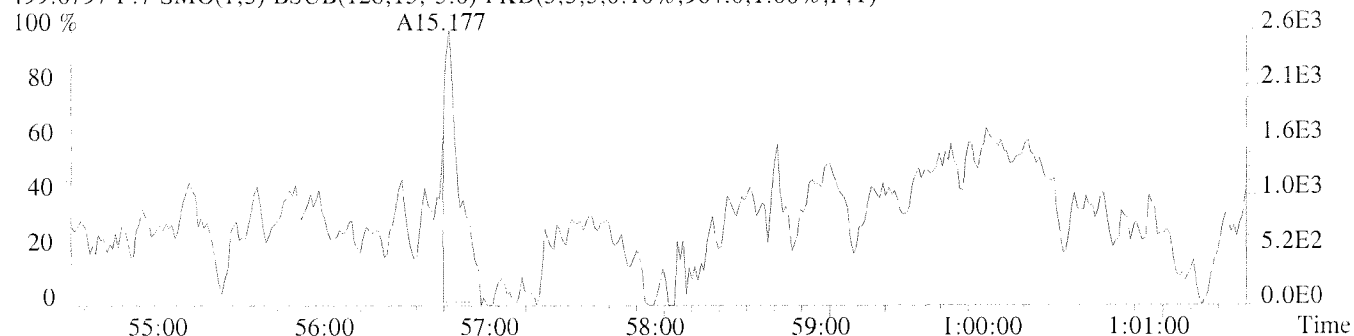


File:U224749 #1-400 Acq:14-JAN-2011 20:16:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-01 MB

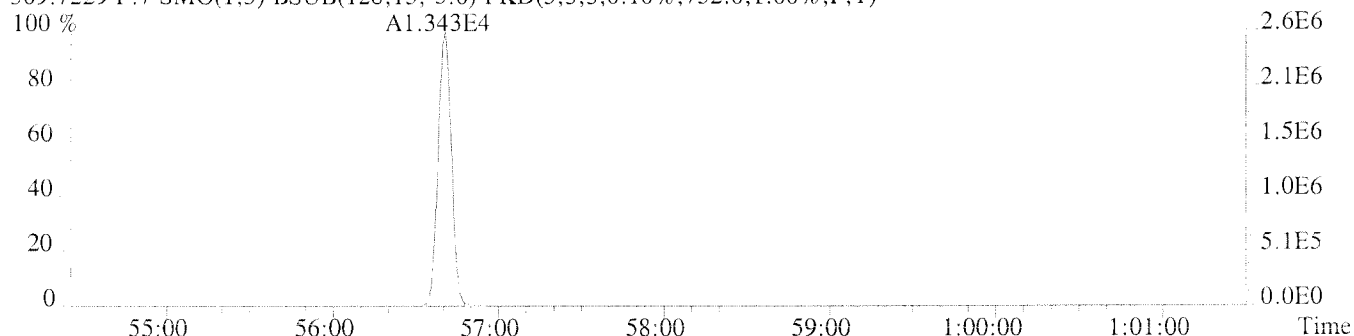
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%.1048.0,1.00%,F,T)



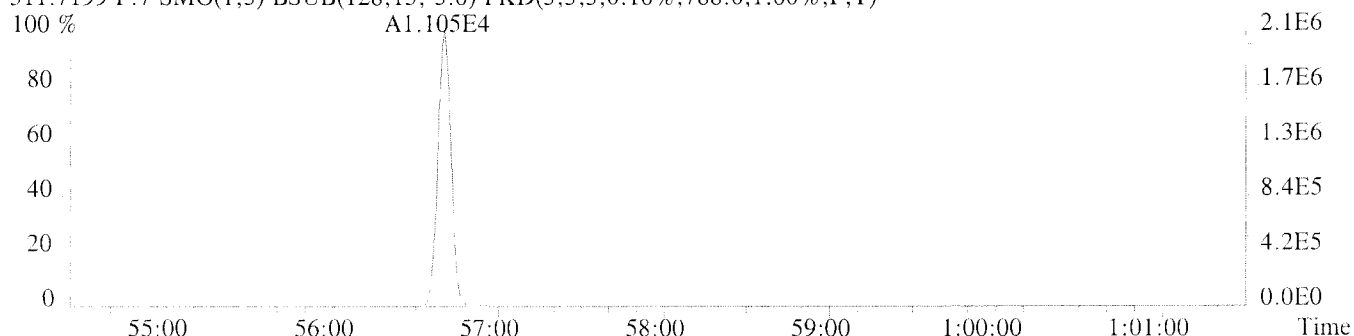
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%.964.0,1.00%,F,T)



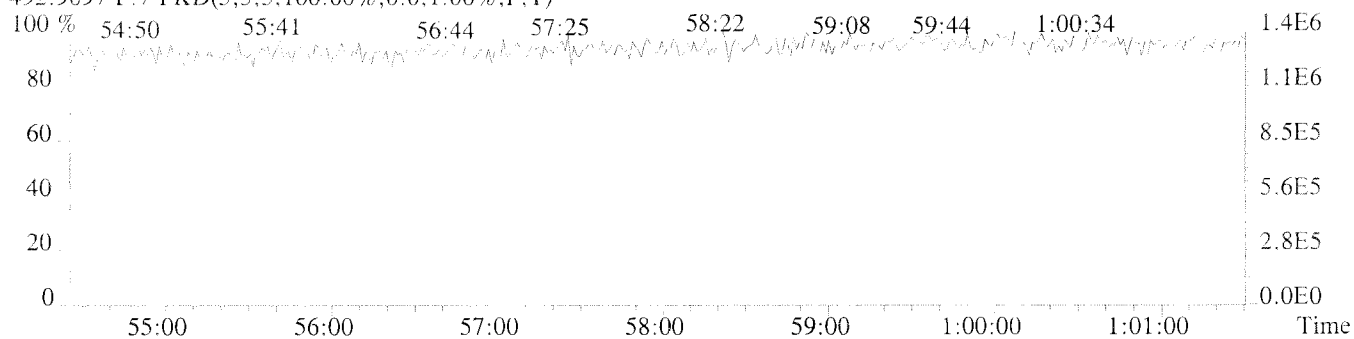
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%.752.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%.788.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



Columbia Analytical Services, Inc.

Sample Response Summary

CLIENT ID.

LCS

Run #7 Filename U224780 #1 Samp: 1 Inj: 1 Acquired: 18-JAN-11 12:12:18
 Processed: 18-JAN-11 16:21:13 LAB. ID: EQ1100013-02

Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT	
1	1	2-MoCB	12:57	1.305e+04	4.143e+03	3.15	yes	no	1.000
2	3	4-MoCB	15:10	1.352e+04	4.194e+03	3.22	yes	no	1.001
3	4	22'-DiCB	15:26	6.365e+03	4.128e+03	1.54	yes	no	1.002
4	15	44'-DiCB	21:20	9.349e+03	5.561e+03	1.68	yes	no	1.001
5	19	22'6'-TrCB	18:34	3.864e+03	3.864e+03	1.00	yes	no	1.002
6	37	344'-TrCB	28:21	8.437e+03	8.165e+03	1.03	yes	no	1.001
7	54	22'66'-TeCB	21:37	5.181e+03	6.748e+03	0.77	yes	no	1.001
8	81	344'5'-TeCB	35:03	5.293e+03	6.984e+03	0.76	yes	no	1.000
9	77	33'44'-TeCB	35:37	5.134e+03	6.764e+03	0.76	yes	no	1.001
10	104	22'466'-PeCB	27:05	7.101e+03	4.611e+03	1.54	yes	no	1.001
11	123	2'344'5'-PeCB	37:34	7.038e+03	4.433e+03	1.59	yes	no	1.000
12	118	23'44'5'-PeCB	37:53	7.168e+03	4.531e+03	1.58	yes	no	1.000
13	114	2344'5'-PeCB	38:25	6.943e+03	4.375e+03	1.59	yes	no	1.000
14	105	233'44'-PeCB	39:05	7.409e+03	4.668e+03	1.59	yes	no	1.000
15	126	33'44'5'-PeCB	42:09	7.120e+03	4.408e+03	1.62	yes	no	1.001
16	155	22'44'66'-HxCB	32:42	5.766e+03	4.658e+03	1.24	yes	no	1.001
17	167	23'44'55'-HxCB	43:58	4.871e+03	3.924e+03	1.24	yes	no	1.000
18	156/7	233'44'5'-HxCB	45:08	9.743e+03	7.505e+03	1.30	yes	no	1.000
19	169	33'44'55'-HxCB	48:21	4.585e+03	3.589e+03	1.28	yes	no	1.000
20	188	22'34'566'-HpCB	38:24	4.614e+03	4.527e+03	1.02	yes	no	1.001
21	189	233'44'55'-HpCB	50:50	3.671e+03	3.365e+03	1.09	yes	no	1.000
22	202	22'33'55'66'-OxCB	43:45	3.033e+03	3.444e+03	0.88	yes	no	1.001
23	205	233'44'55'6-OxCB	53:23	2.968e+03	3.339e+03	0.89	yes	no	1.000
24	208	22'33'4'55'66'-NoCB	50:21	2.769e+03	3.583e+03	0.77	yes	no	1.000
25	206	22'33'44'55'6-NoCB	55:07	2.150e+03	2.721e+03	0.79	yes	no	1.001
26	209	DeCB	56:41	3.467e+03	2.930e+03	1.18	yes	no	1.000
27	1L	13C-2-MoCB	12:57	2.006e+04	6.304e+03	3.18	yes	no	0.743
28	3L	13C-4-MoCB	15:09	2.059e+04	6.332e+03	3.25	yes	no	0.869
29	4L	13C-22'-DiCB	15:24	1.205e+04	7.872e+03	1.53	yes	no	0.883
30	15L	13C-44'-DiCB	21:19	1.463e+04	9.182e+03	1.59	yes	no	1.223
31	19L	13C-22'6'-TrCB	18:32	6.134e+03	6.339e+03	0.97	yes	no	1.063
32	37L	13C-344'-TrCB	28:19	1.285e+04	1.190e+04	1.08	yes	no	1.084
33	54L	13C-22'66'-TeCB	21:36	9.165e+03	1.157e+04	0.79	yes	no	0.827
34	81L	13C-344'5'-TeCB	35:02	8.059e+03	1.022e+04	0.79	yes	no	1.341
35	77L	13C-33'44'-TeCB	35:35	8.179e+03	1.044e+04	0.78	yes	no	1.362
36	104L	13C-22'466'-PeCB	27:03	1.331e+04	8.602e+03	1.55	yes	no	0.821
37	123L	13C-2'344'5'-PeCB	37:33	1.076e+04	6.798e+03	1.58	yes	no	1.140
38	118L	13C-23'44'5'-PeCB	37:52	1.104e+04	7.000e+03	1.58	yes	no	1.150
39	114L	13C-2344'5'-PeCB	38:24	1.071e+04	6.712e+03	1.60	yes	no	1.166
40	105L	13C-233'44'-PeCB	39:04	1.117e+04	6.948e+03	1.61	yes	no	1.186
41	126L	13C-33'44'5'-PeCB	42:07	1.156e+04	7.243e+03	1.60	yes	no	1.279
42	155L	13C-22'44'66'-HxCB	32:40	1.065e+04	8.715e+03	1.22	yes	no	0.798
43	167L	13C-23'44'55'-HxCB	43:57	7.724e+03	6.071e+03	1.27	yes	no	1.073
44	156/7	13C-233'44'5'-HxCB	45:07	1.522e+04	1.178e+04	1.29	yes	no	1.102
45	169L	13C-33'44'55'-HxCB	48:20	7.054e+03	5.676e+03	1.24	yes	no	1.180
46	188L	13C-22'34'566'-HpCB	38:22	8.799e+03	8.531e+03	1.03	yes	no	0.725
47	189L	13C-233'44'55'-HpCB	50:49	6.390e+03	5.983e+03	1.07	yes	no	0.961
48	202L	13C-22'33'55'66'-OxCB	43:42	5.991e+03	6.636e+03	0.90	yes	no	0.826
49	205L	13C-233'44'55'6-OxCB	53:22	5.894e+03	6.540e+03	0.90	yes	no	1.009
50	208L	13C-22'33'4'55'66'-NoCB	50:20	5.279e+03	6.679e+03	0.79	yes	no	0.951
51	206L	13C-22'33'44'55'6-NoCB	55:05	3.872e+03	5.004e+03	0.77	yes	no	1.041
52	209L	13C-DeCB	56:40	5.605e+03	4.738e+03	1.18	yes	no	1.071

53	28L	13C-244'-TrCB	24:18	1.378e+04	1.310e+04	1.05	yes	no	0.930
54	111L	13C-233'55'-PeCB	35:35	9.262e+03	5.845e+03	1.58	yes	no	1.080
55	178L	13C-22'33'55'6'-HpCB	41:24	6.031e+03	5.760e+03	1.05	yes	no	1.011
56	9L	13C-2,5-DiCB	17:26	3.834e+04	2.392e+04	1.60	yes	no	*
57	52L	13C-22'55'-TeCB	26:08	1.882e+04	2.367e+04	0.80	yes	no	*
58	101L	13C-22'4'55'-PeCB	32:56	1.906e+04	1.202e+04	1.59	yes	no	*
59	138L	13C-22'3'44'5'-HxCB	40:57	2.199e+04	1.765e+04	1.25	yes	no	*
60	194L	13C-22'33'44'55'-OcCB	52:54	1.027e+04	1.140e+04	0.90	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

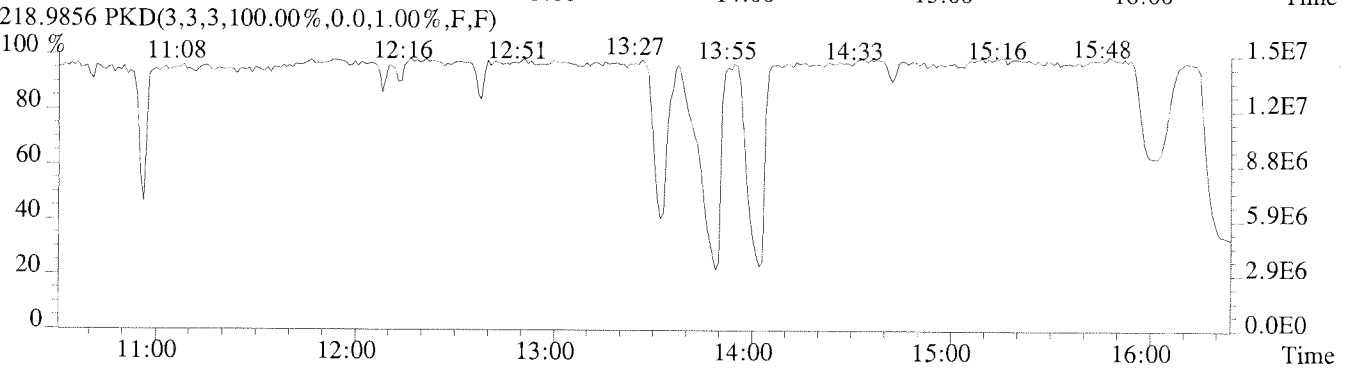
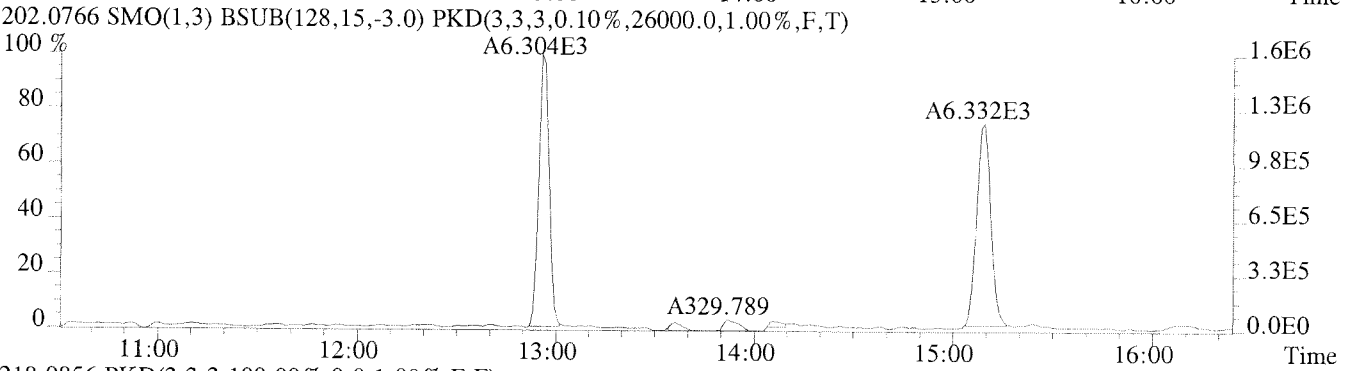
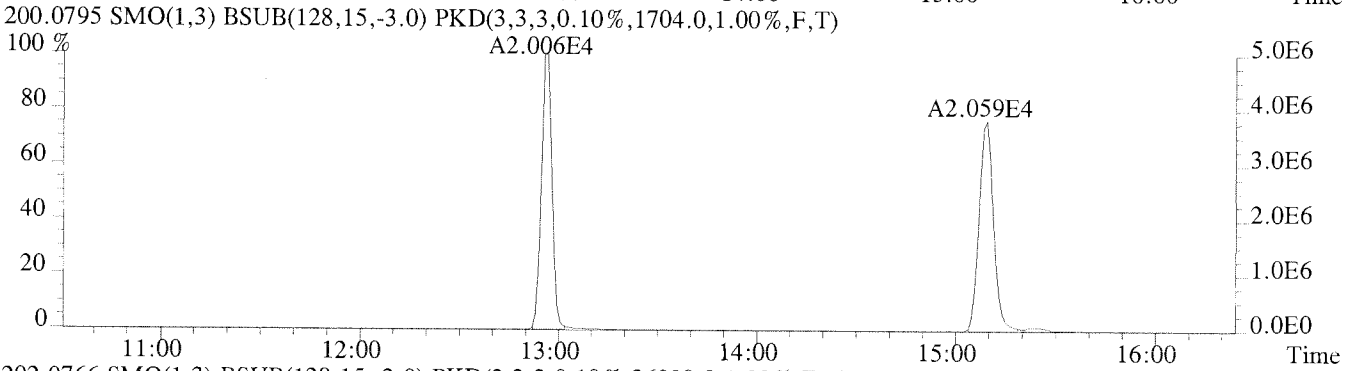
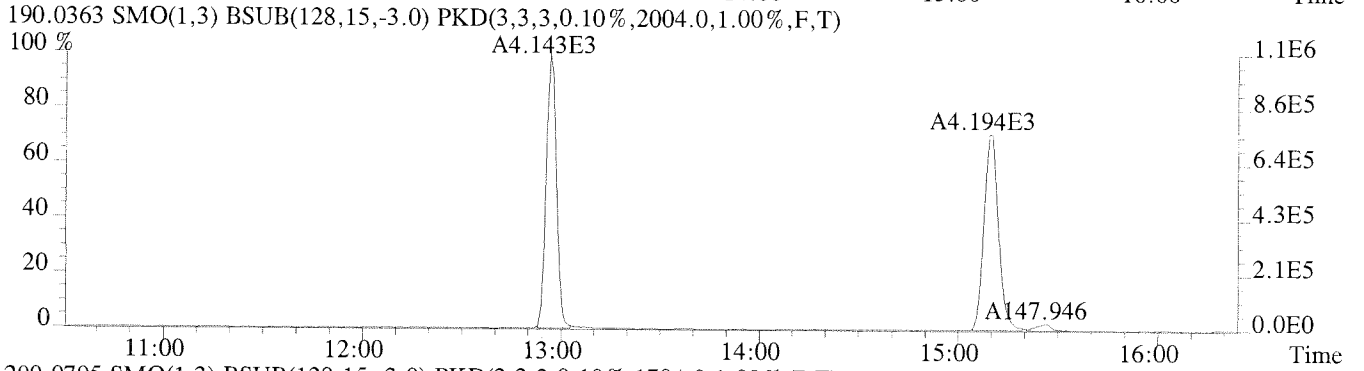
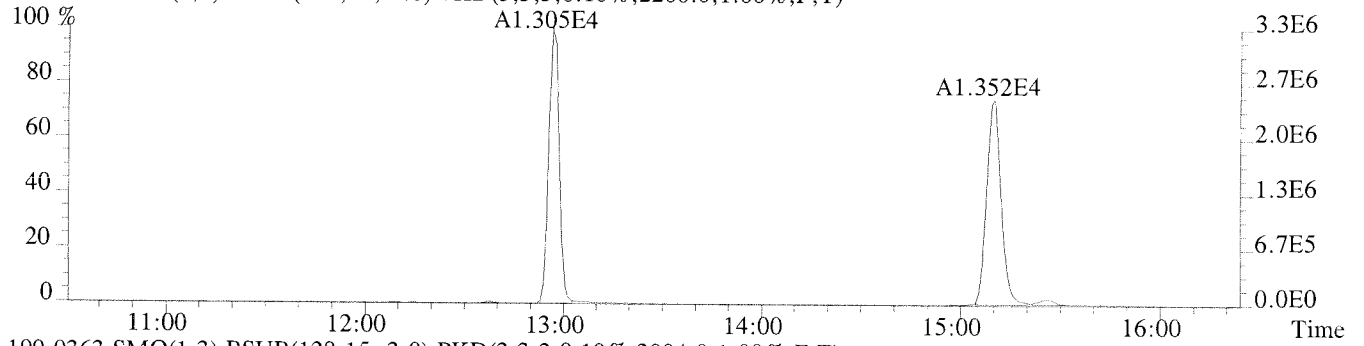
CLIENT ID.
LCS

Run #7 Filename U224780 Samp: 1 Inj: 1 Acquired: 18-JAN-11 12:12:18
Processed: 18-JAN-11 16:21:131 LAB. ID: EQ1100013-02

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	3.33e+06	2.20e+03	1.5e+03	1.07e+06	2.00e+03	5.4e+02
2	4-MoCB	2.48e+06	2.20e+03	1.1e+03	7.62e+05	2.00e+03	3.8e+02
3	22'-DiCB	1.17e+06	4.16e+03	2.8e+02	7.57e+05	9.17e+03	8.3e+01
4	44'-DiCB	1.57e+06	3.22e+03	4.9e+02	9.71e+05	1.14e+04	8.5e+01
5	22'6'-TrCB	8.90e+05	1.70e+03	5.2e+02	8.95e+05	1.11e+03	8.0e+02
6	344'-TrCB	1.10e+06	2.23e+03	4.9e+02	1.07e+06	2.62e+03	4.1e+02
7	22'66'-TeCB	1.17e+06	7.20e+02	1.6e+03	1.52e+06	1.02e+03	1.5e+03
8	344'5-TeCB	7.77e+05	1.31e+03	5.9e+02	9.82e+05	9.68e+02	1.0e+03
9	33'44'-TeCB	7.42e+05	1.31e+03	5.7e+02	9.40e+05	9.68e+02	9.7e+02
10	22'466'-PeCB	1.36e+06	1.17e+03	1.2e+03	8.89e+05	1.39e+03	6.4e+02
11	2'344'5-PeCB	1.18e+06	2.27e+03	5.2e+02	7.32e+05	2.60e+03	2.8e+02
12	23'44'5-PeCB	1.13e+06	2.27e+03	5.0e+02	7.25e+05	2.60e+03	2.8e+02
13	2344'5-PeCB	1.12e+06	2.27e+03	4.9e+02	7.14e+05	2.60e+03	2.8e+02
14	233'44'-PeCB	1.16e+06	2.27e+03	5.1e+02	7.39e+05	2.60e+03	2.8e+02
15	33'44'5-PeCB	1.10e+06	2.27e+03	4.8e+02	6.84e+05	2.60e+03	2.6e+02
16	22'44'66'-HxCB	1.07e+06	8.44e+02	1.3e+03	8.65e+05	8.92e+02	9.7e+02
17	23'44'55'-HxCB	1.05e+06	8.12e+02	1.3e+03	8.22e+05	2.03e+03	4.1e+02
18	233'44'5-HxCB	1.43e+06	8.12e+02	1.8e+03	1.11e+06	2.03e+03	5.5e+02
19	33'44'55'-HxCB	8.11e+05	8.12e+02	1.0e+03	6.44e+05	2.03e+03	3.2e+02
20	22'34'566'-HpCB	8.63e+05	6.40e+02	1.3e+03	8.34e+05	7.52e+02	1.1e+03
21	233'44'55'-HpCB	6.96e+05	9.60e+02	7.2e+02	6.37e+05	9.56e+02	6.7e+02
22	22'33'55'66'-OcCB	6.58e+05	8.68e+02	7.6e+02	7.47e+05	1.17e+03	6.4e+02
23	233'44'55'6-OcCB	6.21e+05	8.68e+02	7.2e+02	6.87e+05	1.17e+03	5.9e+02
24	22'33'4'55'66'-NoCB	5.83e+05	8.72e+02	6.7e+02	7.71e+05	9.12e+02	8.5e+02
25	22'33'44'55'6-NoCB	4.17e+05	9.28e+02	4.5e+02	5.07e+05	8.88e+02	5.7e+02
26	DeCB	6.54e+05	7.36e+02	8.9e+02	5.52e+05	7.48e+02	7.4e+02
27	13C-2-MoCB	5.01e+06	1.70e+03	2.9e+03	1.61e+06	2.60e+04	6.2e+01
28	13C-4-MoCB	3.82e+06	1.70e+03	2.2e+03	1.20e+06	2.60e+04	4.6e+01
29	13C-22'-DiCB	2.26e+06	5.60e+03	4.0e+02	1.48e+06	2.46e+03	6.0e+02
30	13C-44'-DiCB	2.46e+06	6.83e+03	3.6e+02	1.54e+06	1.04e+03	1.5e+03
31	13C-22'6'-TrCB	1.52e+06	5.48e+04	2.8e+01	1.49e+06	1.55e+04	9.6e+01
32	13C-344'-TrCB	1.69e+06	1.05e+04	1.6e+02	1.58e+06	6.21e+03	2.5e+02
33	13C-22'66'-TeCB	2.04e+06	2.21e+03	9.2e+02	2.54e+06	1.13e+03	2.2e+03
34	13C-344'5-TeCB	1.14e+06	1.21e+03	9.4e+02	1.42e+06	9.56e+02	1.5e+03
35	13C-33'44'-TeCB	1.16e+06	1.21e+03	9.6e+02	1.44e+06	9.56e+02	1.5e+03
36	13C-22'466'-PeCB	2.55e+06	1.26e+03	2.0e+03	1.67e+06	1.24e+03	1.3e+03
37	13C-2'344'5-PeCB	1.75e+06	6.51e+03	2.7e+02	1.10e+06	1.61e+03	6.8e+02
38	13C-23'44'5-PeCB	1.80e+06	6.51e+03	2.8e+02	1.14e+06	1.61e+03	7.1e+02
39	13C-2344'5-PeCB	1.79e+06	6.51e+03	2.7e+02	1.11e+06	1.61e+03	6.9e+02
40	13C-233'44'-PeCB	1.72e+06	6.51e+03	2.6e+02	1.08e+06	1.61e+03	6.7e+02
41	13C-33'44'5-PeCB	1.79e+06	6.51e+03	2.7e+02	1.13e+06	1.61e+03	7.0e+02
42	13C-22'44'66'-HxCB	2.00e+06	1.15e+03	1.7e+03	1.64e+06	8.28e+02	2.0e+03
43	13C-23'44'55'-HxCB	1.64e+06	7.32e+02	2.2e+03	1.29e+06	2.88e+03	4.5e+02
44	13C-233'44'5'-HxCB	2.23e+06	7.32e+02	3.0e+03	1.78e+06	2.88e+03	6.2e+02
45	13C-33'44'55'-HxCB	1.27e+06	7.32e+02	1.7e+03	1.01e+06	2.88e+03	3.5e+02
46	13C-22'34'566'-HpCB	1.61e+06	8.64e+02	1.9e+03	1.55e+06	9.84e+02	1.6e+03
47	13C-233'44'55'-HpCB	1.20e+06	1.06e+03	1.1e+03	1.15e+06	1.03e+03	1.1e+03
48	13C-22'33'55'66'-OcCB	1.30e+06	9.96e+02	1.3e+03	1.43e+06	8.80e+02	1.6e+03
49	13C-233'44'55'6-OcCB	1.22e+06	9.96e+02	1.2e+03	1.34e+06	8.80e+02	1.5e+03
50	13C-22'33'4'55'66'-NoCB	1.12e+06	9.08e+02	1.2e+03	1.40e+06	8.12e+02	1.7e+03
51	13C-22'33'44'55'6-NoCB	7.52e+05	1.06e+03	7.1e+02	9.55e+05	1.00e+03	9.5e+02
52	13C-DeCB	1.07e+06	6.96e+02	1.5e+03	9.06e+05	7.64e+02	1.2e+03

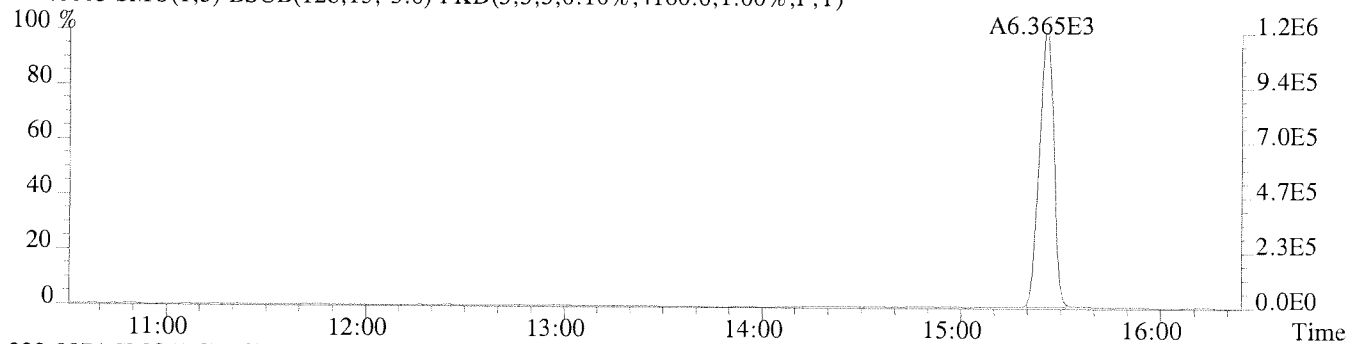
53	13C-244'-TrCB	2.23e+06	1.05e+04	2.1e+02	2.11e+06	6.21e+03	3.4e+02
54	13C-233'55'-PeCB	1.65e+06	1.57e+03	1.0e+03	1.03e+06	1.08e+03	9.6e+02
55	13C-22'33'55'6-HpCB	1.06e+06	8.64e+02	1.2e+03	1.03e+06	9.84e+02	1.0e+03
56	13C-2,5-DiCB	1.02e+07	6.83e+03	1.5e+03	6.33e+06	1.04e+03	6.1e+03
57	13C-22'55'-TeCB	3.36e+06	1.48e+03	2.3e+03	4.21e+06	1.33e+03	3.2e+03
58	13C-22'4'55'-PeCB	3.34e+06	1.57e+03	2.1e+03	2.10e+06	1.08e+03	2.0e+03
59	13C-22'3'44'5'-HxCB	3.94e+06	1.39e+03	2.8e+03	3.14e+06	1.48e+03	2.1e+03
60	13C-22'33'44'55'-OoCB	2.10e+06	9.96e+02	2.1e+03	2.32e+06	8.80e+02	2.6e+03

File:U224780 #1-379 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2200.0,1.00%,F,T)

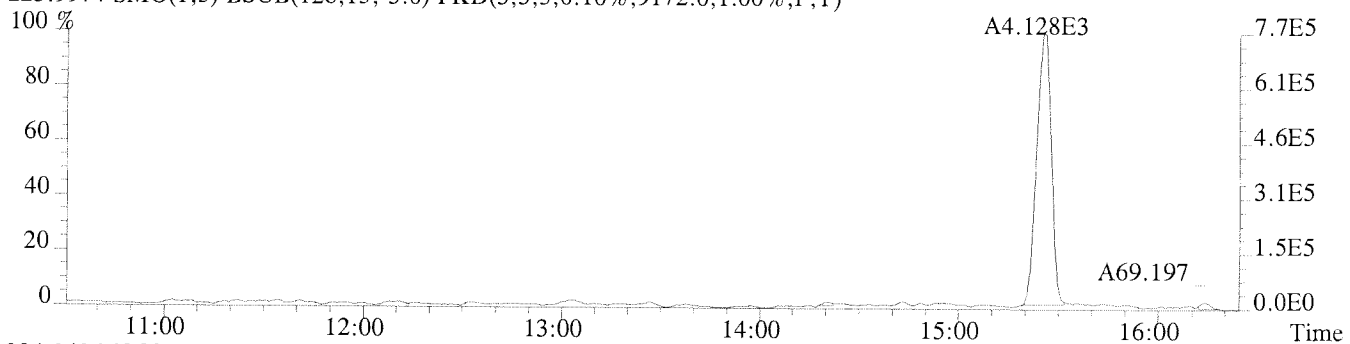


File:U224780 #1-379 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS

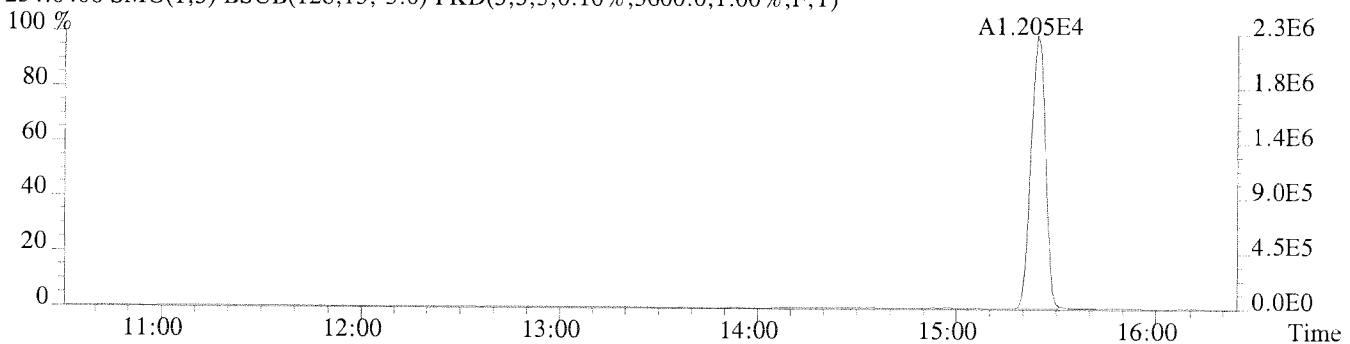
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4160.0,1.00%,F,T)



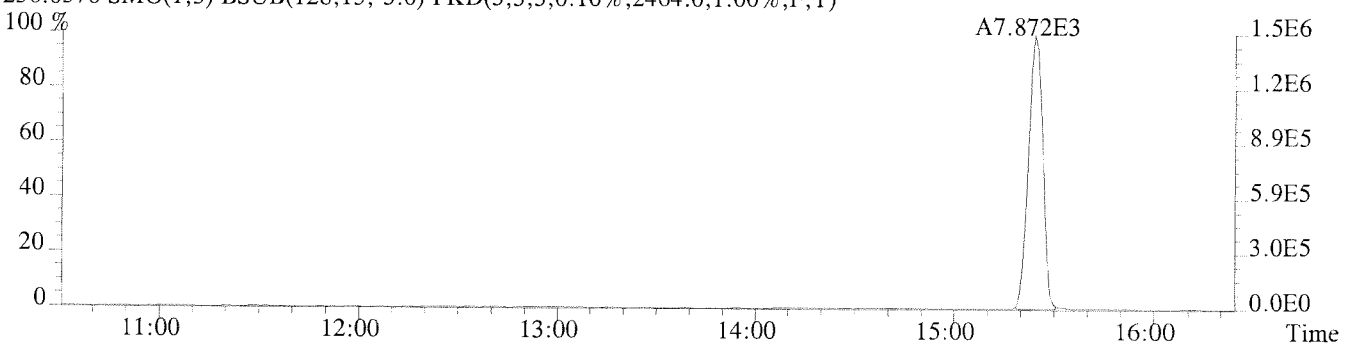
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9172.0,1.00%,F,T)



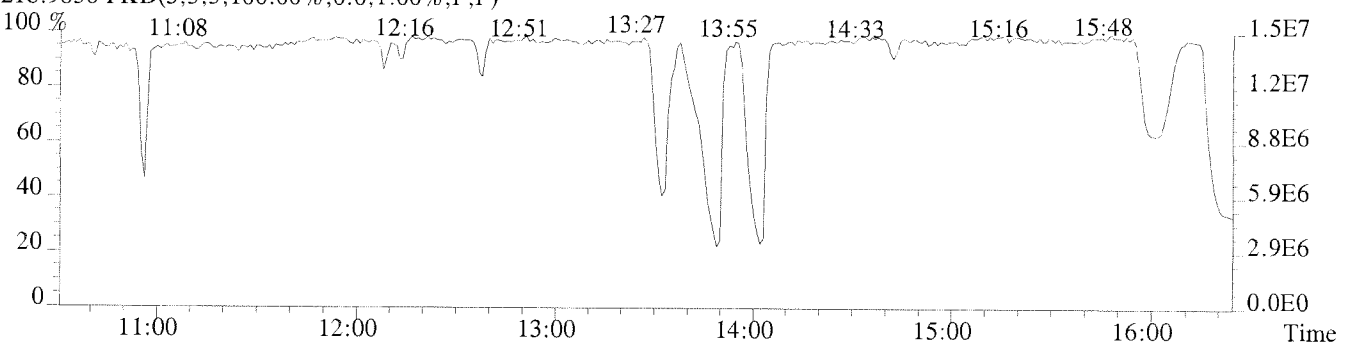
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5600.0,1.00%,F,T)



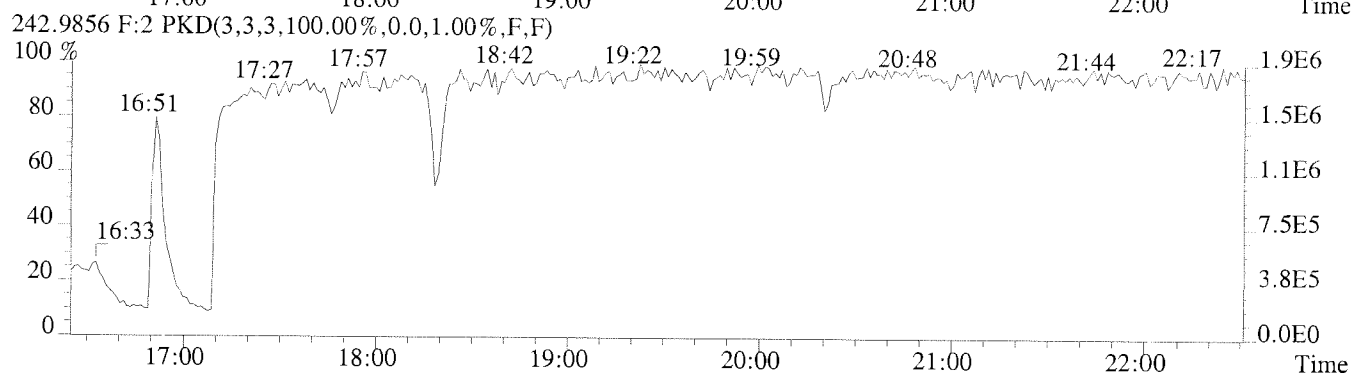
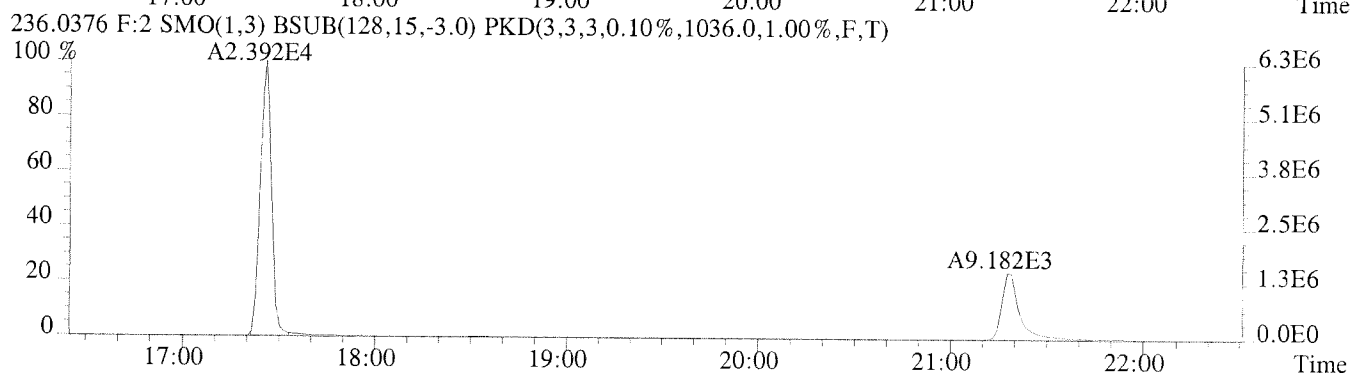
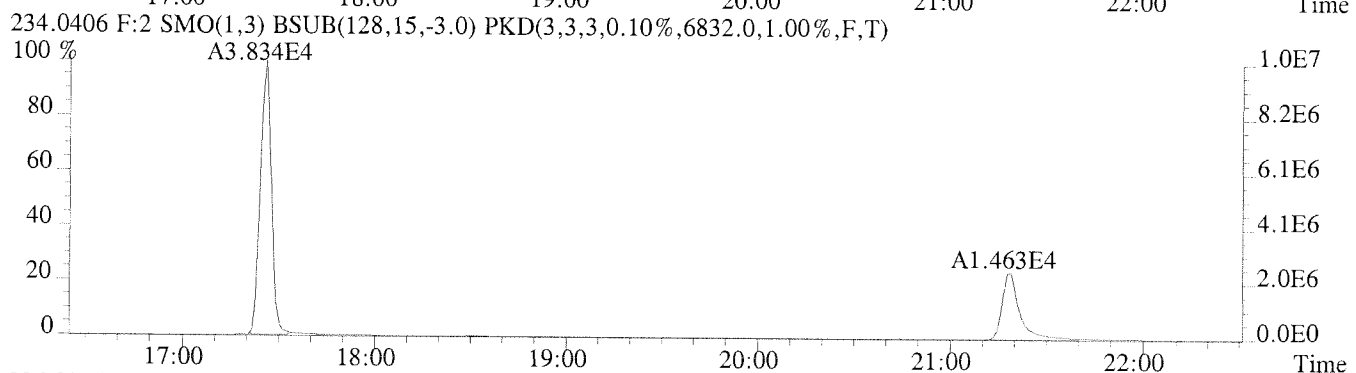
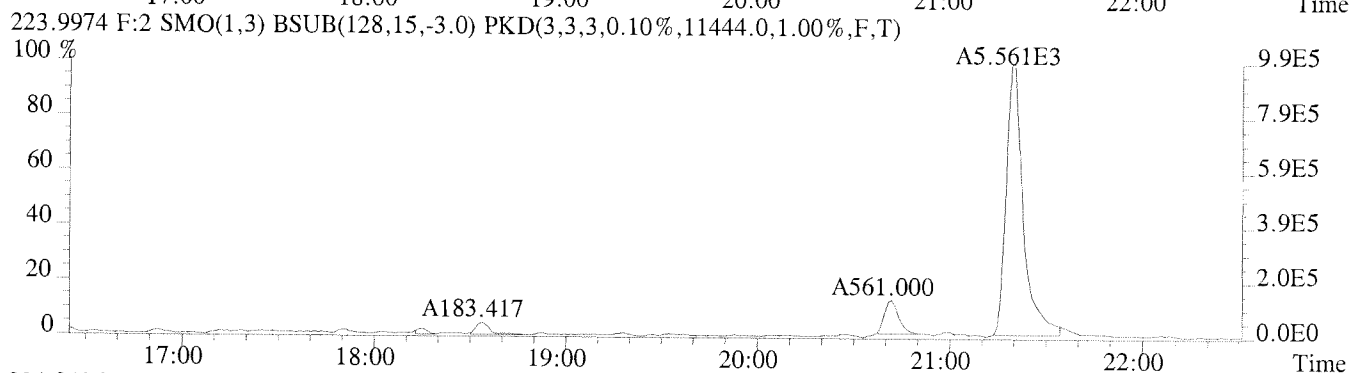
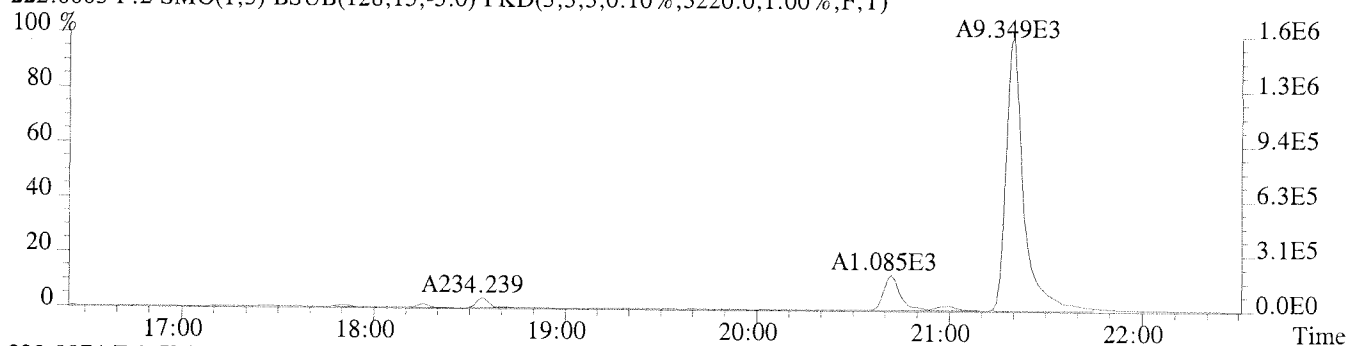
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2464.0,1.00%,F,T)



218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



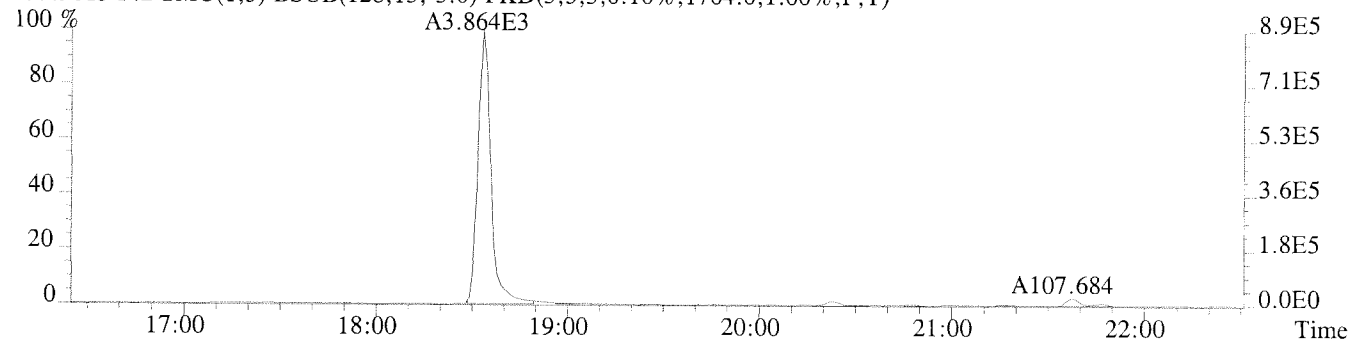
File:U224780 #1-337 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3220.0,1.00%,F,T)



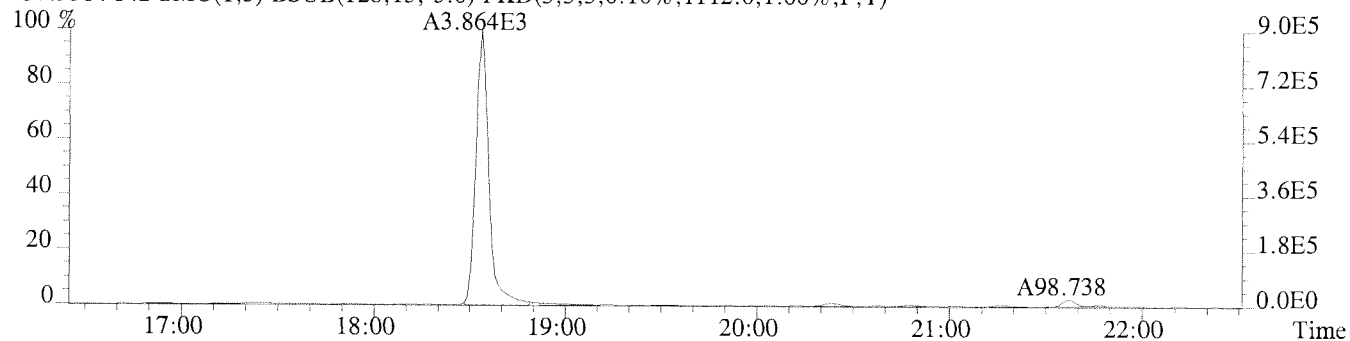
File:U224780 #1-337 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-02 LCS

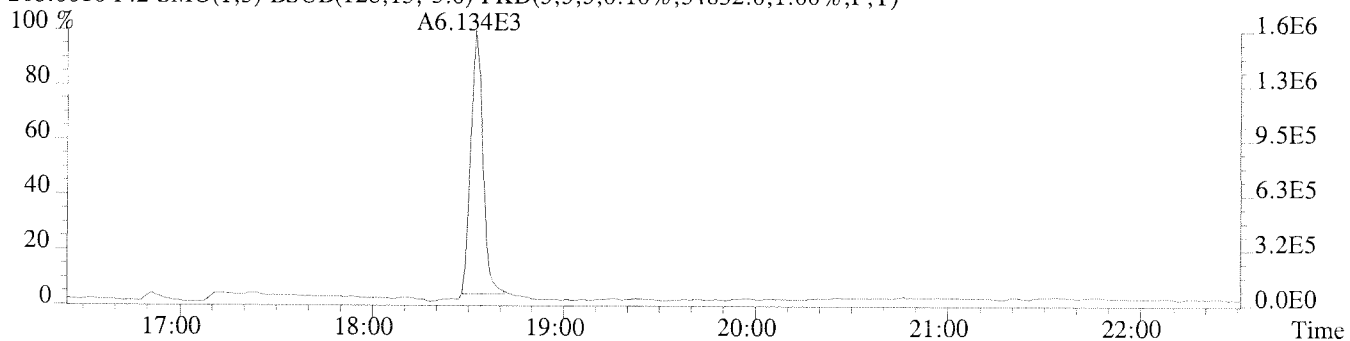
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1704.0,1.00%,F,T)



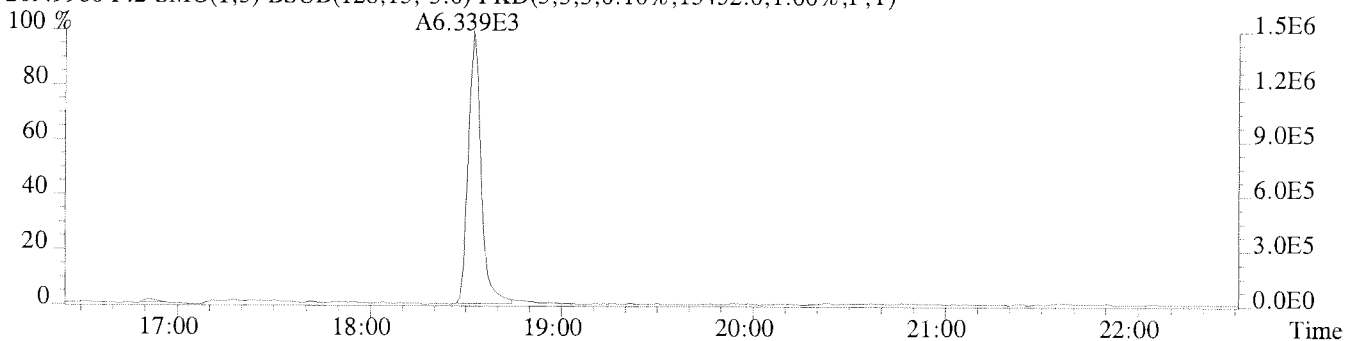
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1112.0,1.00%,F,T)



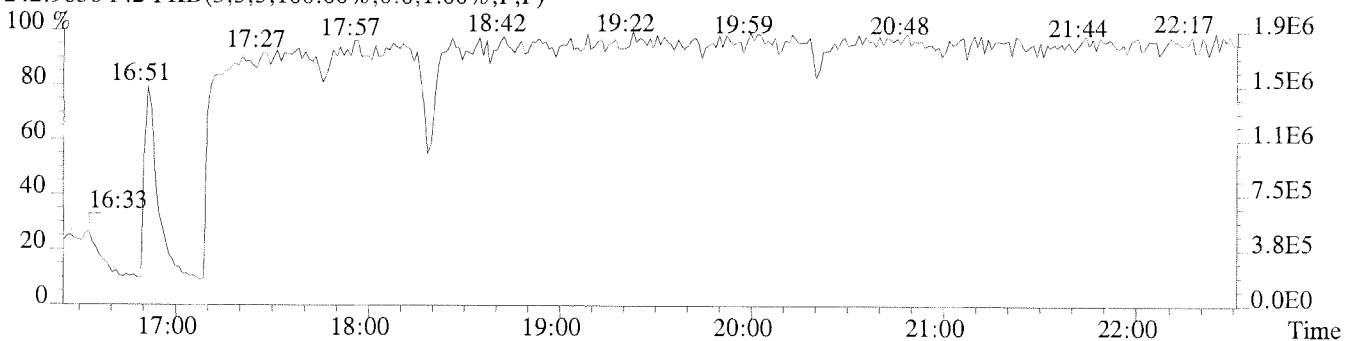
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,54832.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15452.0,1.00%,F,T)



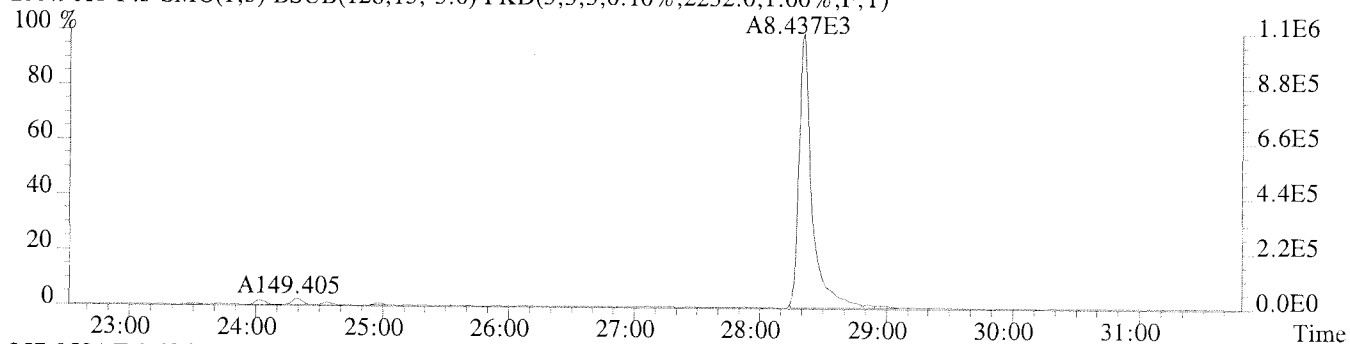
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



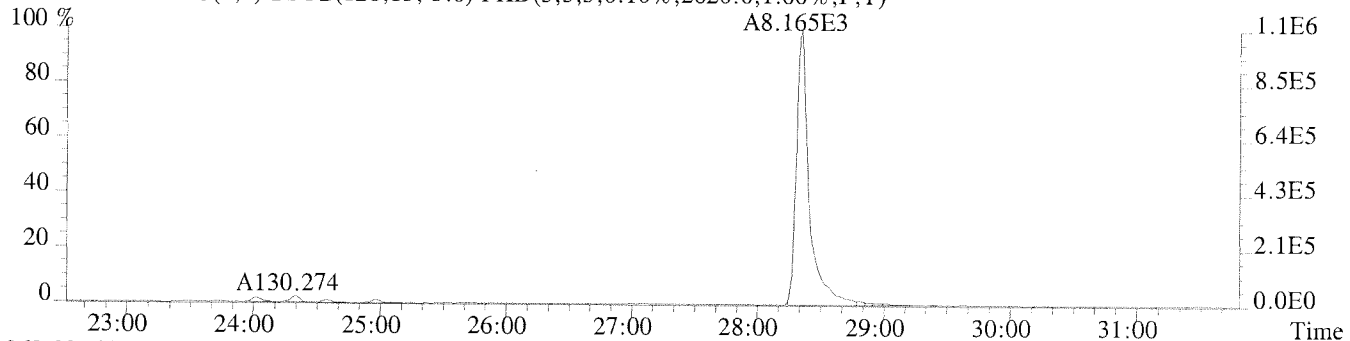
File:U224780 #1-594 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-02 LCS

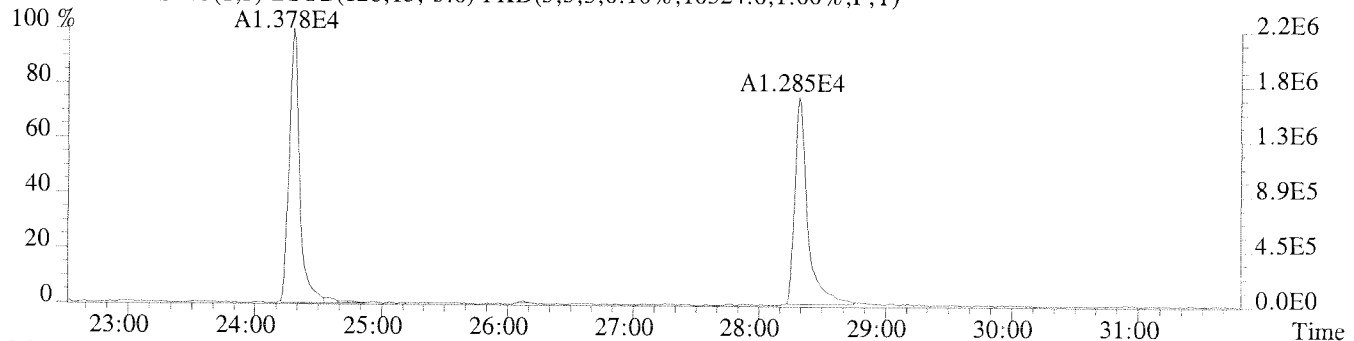
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2232.0,1.00%,F,T)



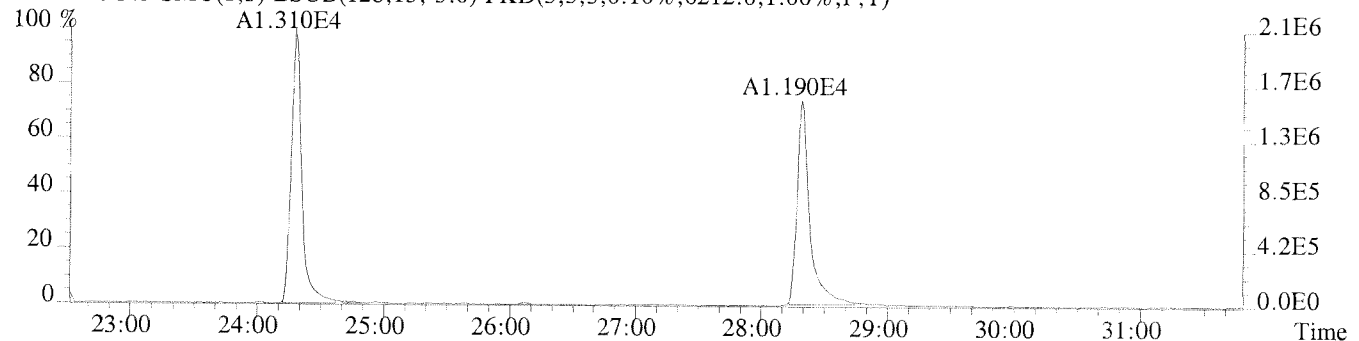
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2620.0,1.00%,F,T)



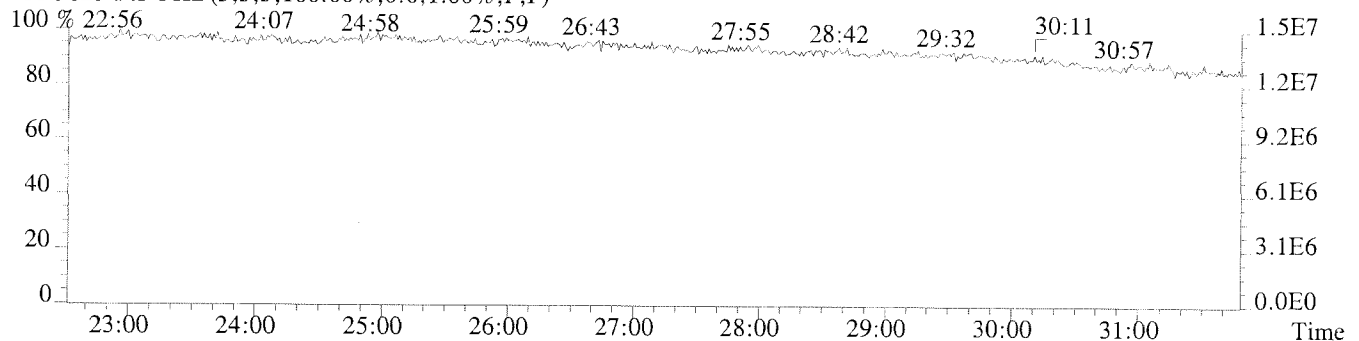
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10524.0,1.00%,F,T)



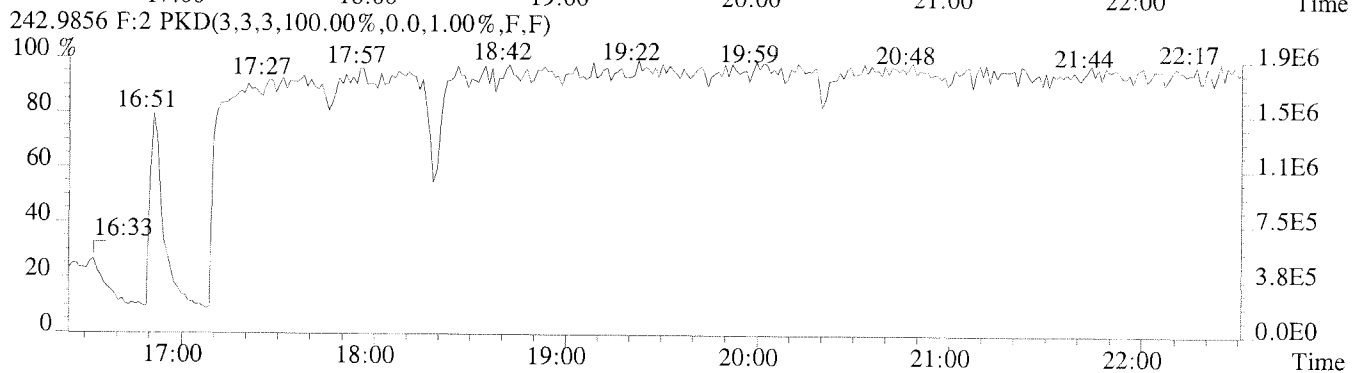
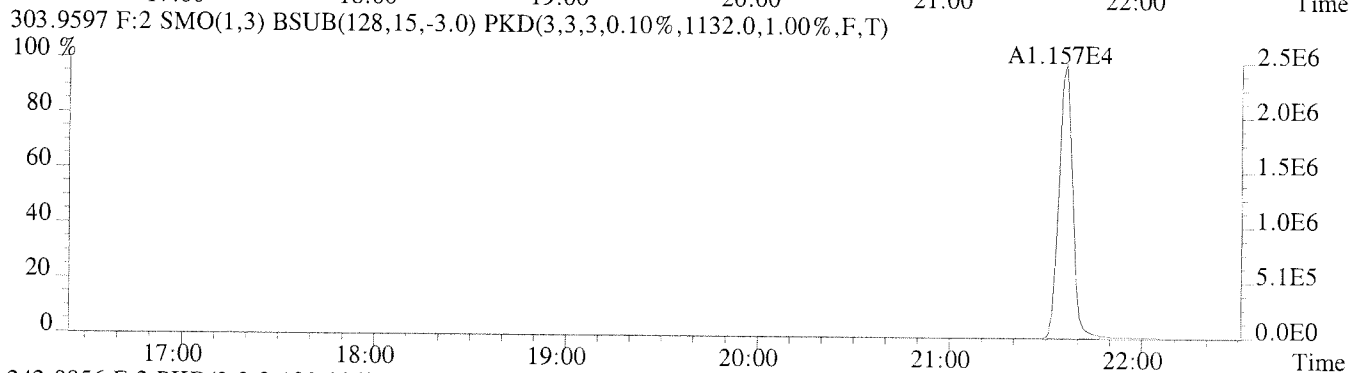
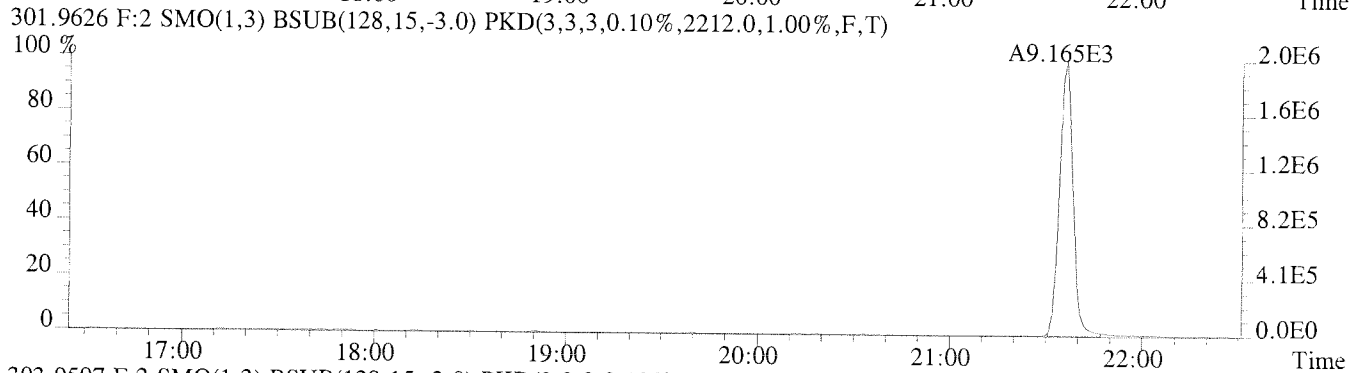
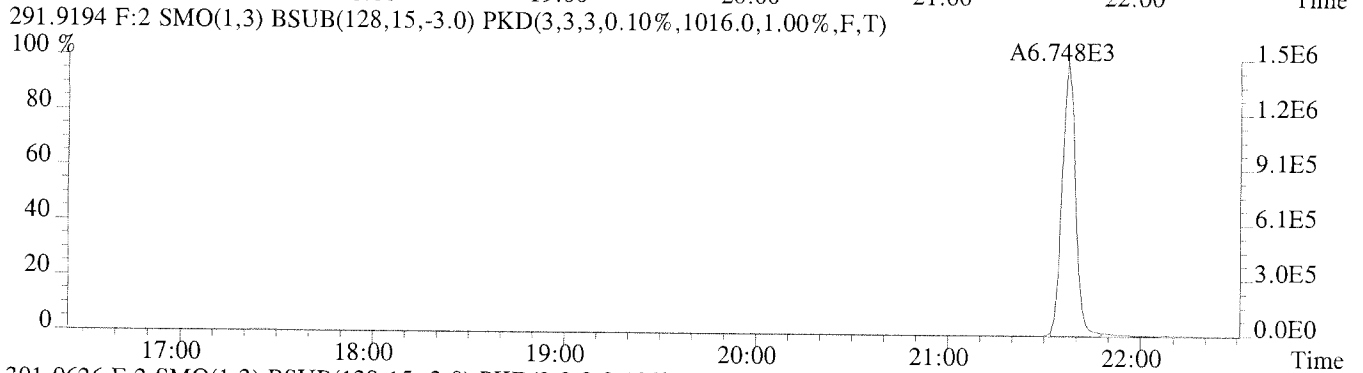
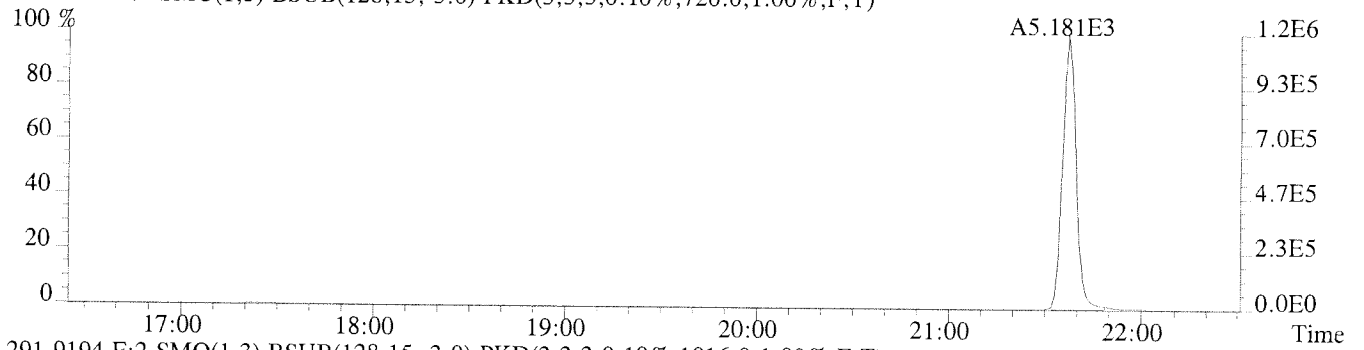
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6212.0,1.00%,F,T)



280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

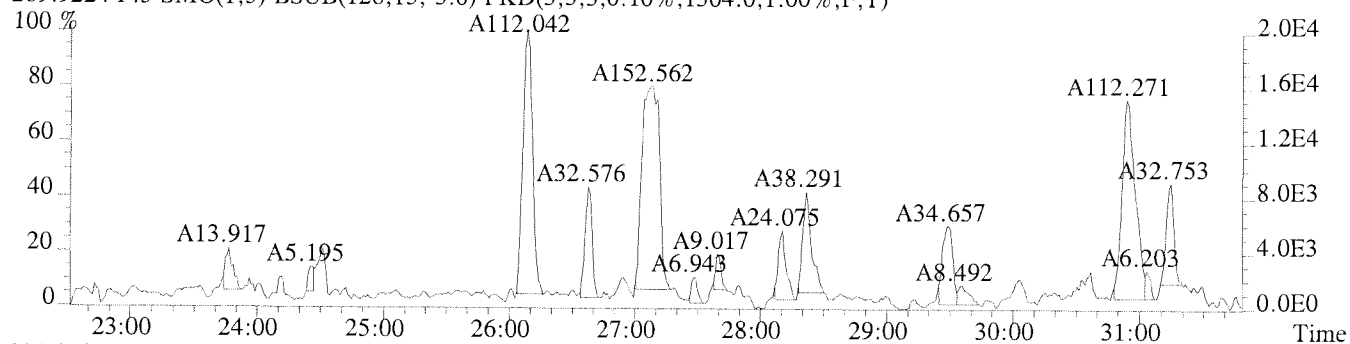


File:U224780 #1-337 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,720.0,1.00%,F,T)

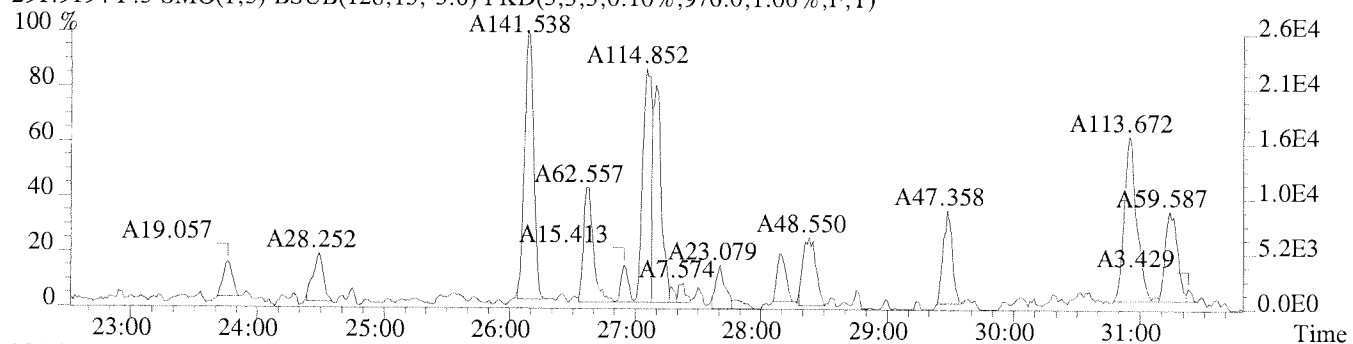


File:U224780 #1-594 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS

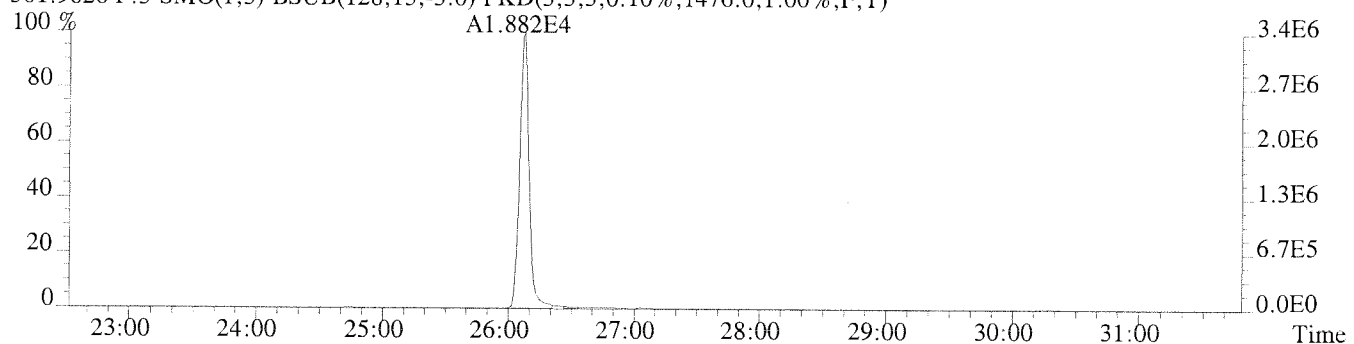
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1304.0,1.00%,F,T)



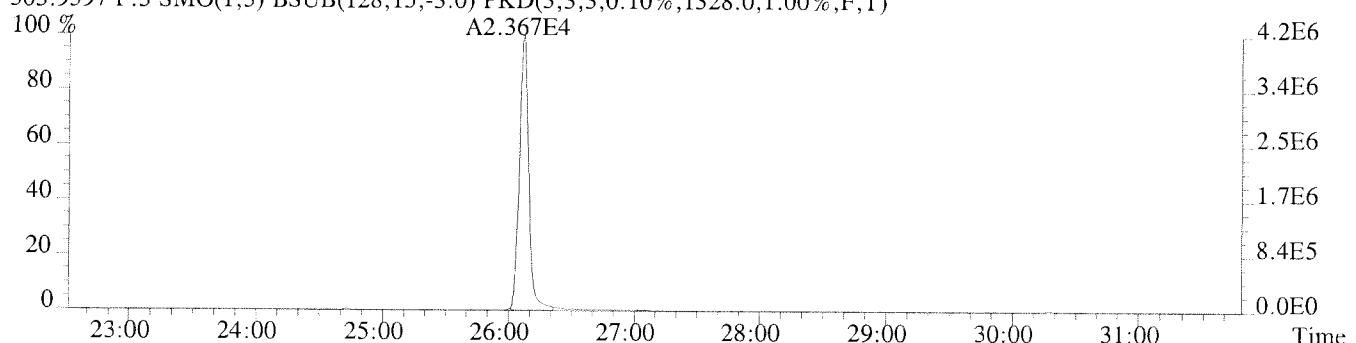
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,976.0,1.00%,F,T)



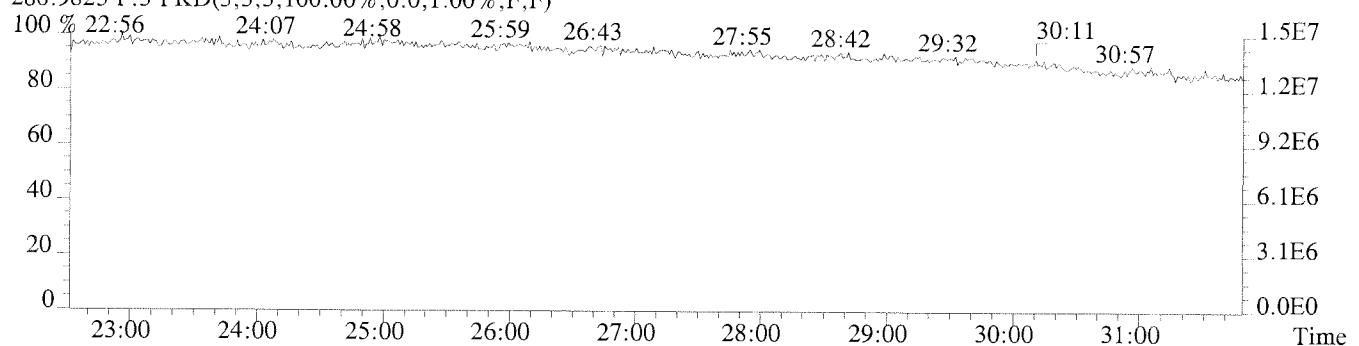
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1476.0,1.00%,F,T)



303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1328.0,1.00%,F,T)



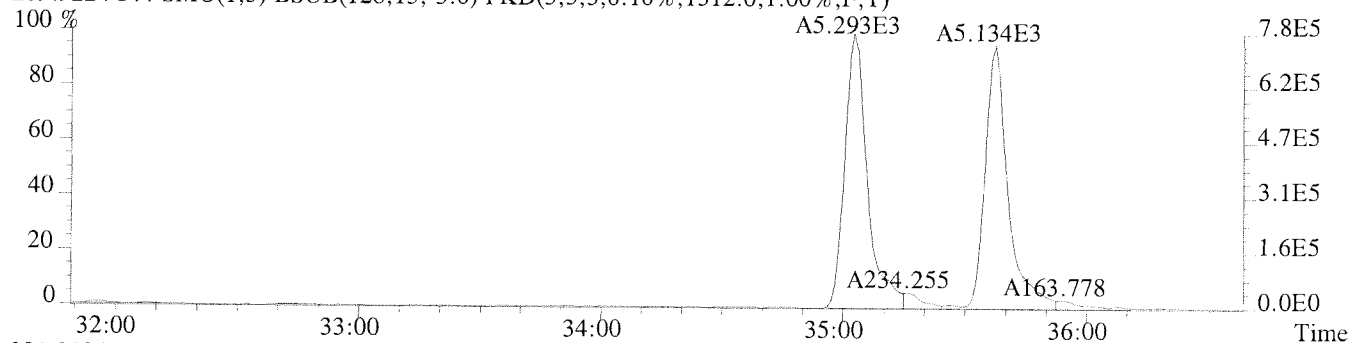
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



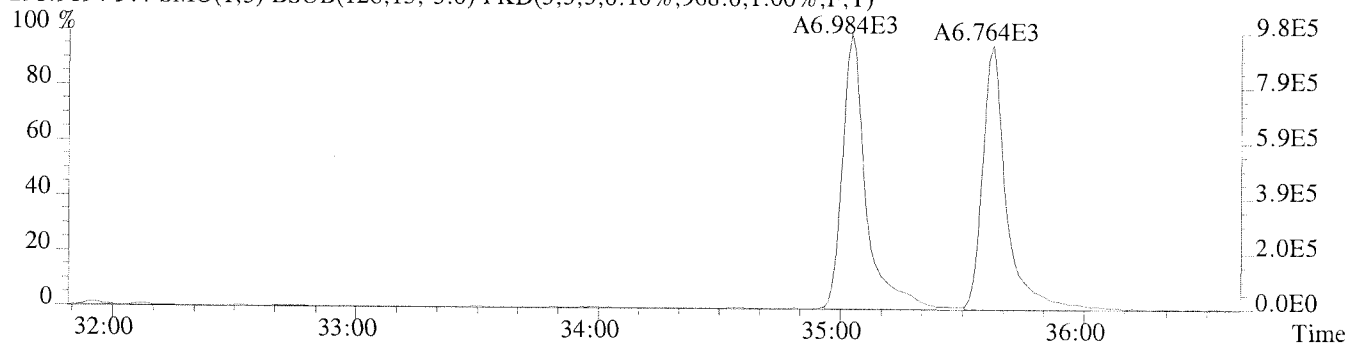
File:U224780 #1-309 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-02 LCS

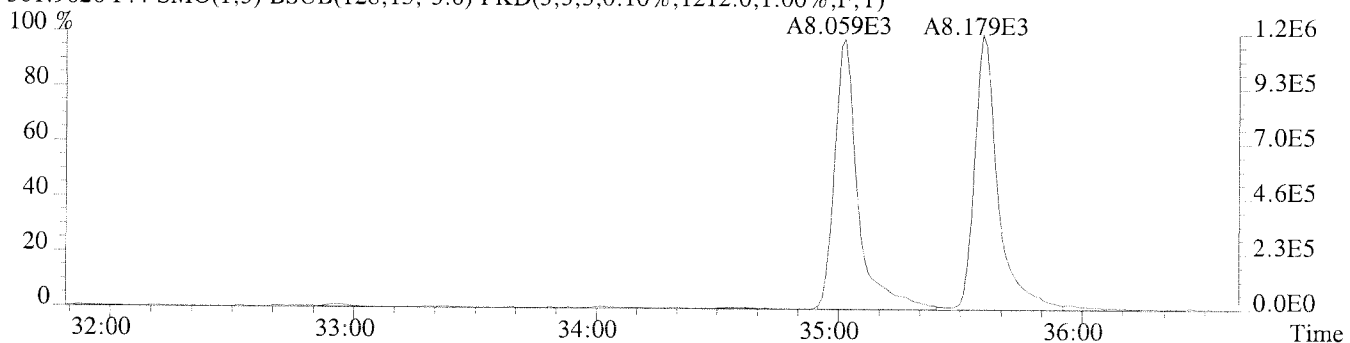
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1312.0,1.00%,F,T)



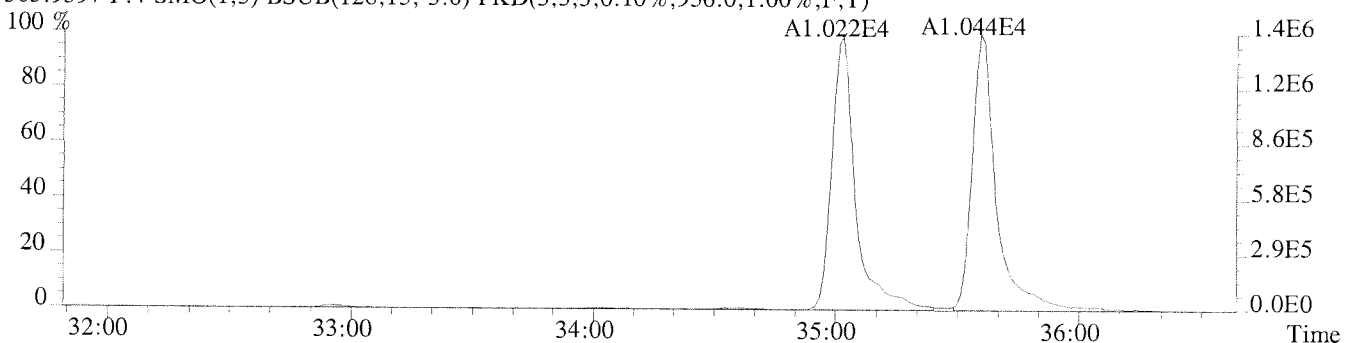
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,968.0,1.00%,F,T)



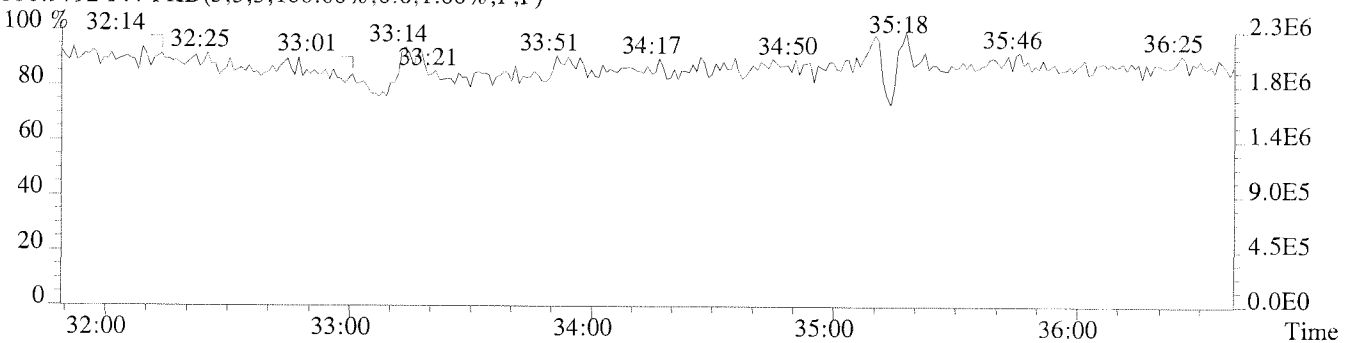
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1212.0,1.00%,F,T)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,956.0,1.00%,F,T)



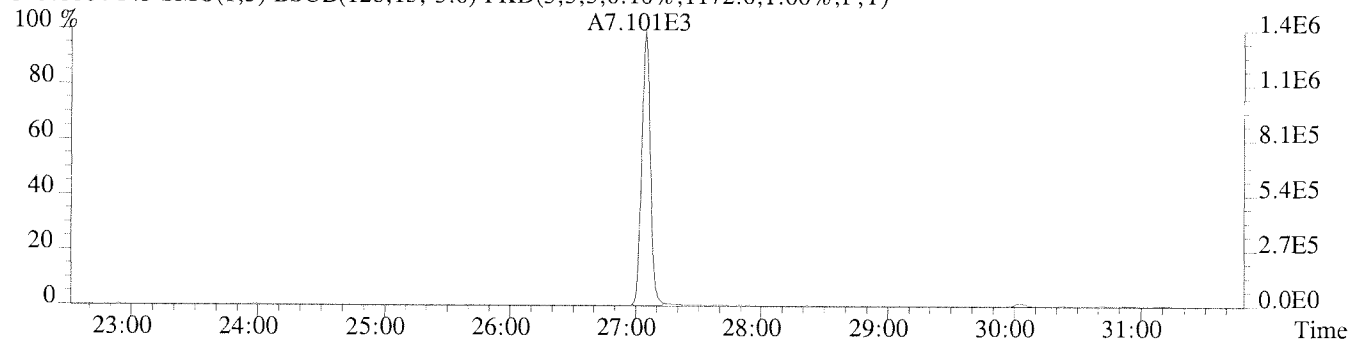
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



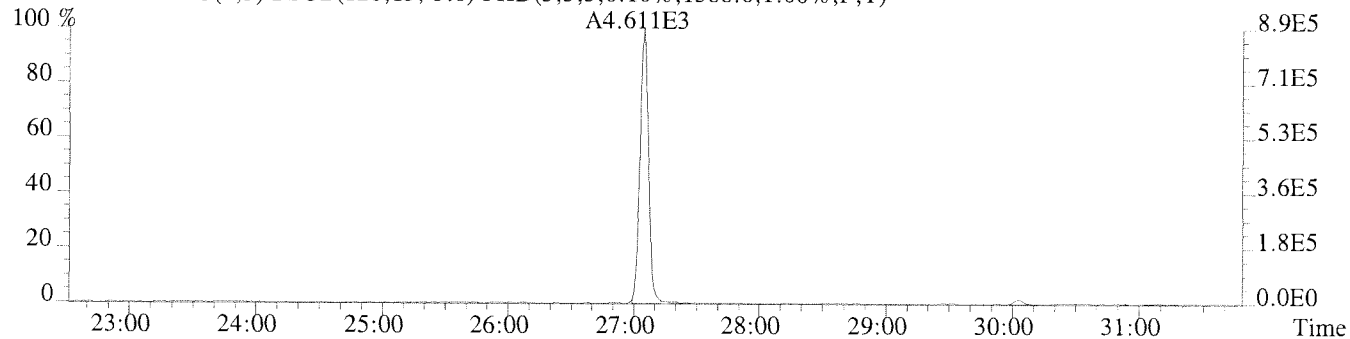
File:U224780 #1-594 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-02 LCS

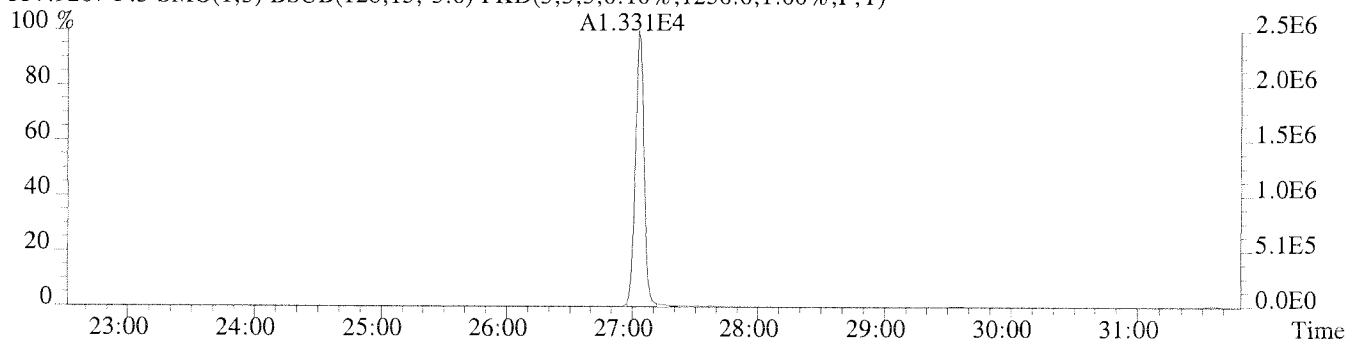
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1172.0,1.00%,F,T)



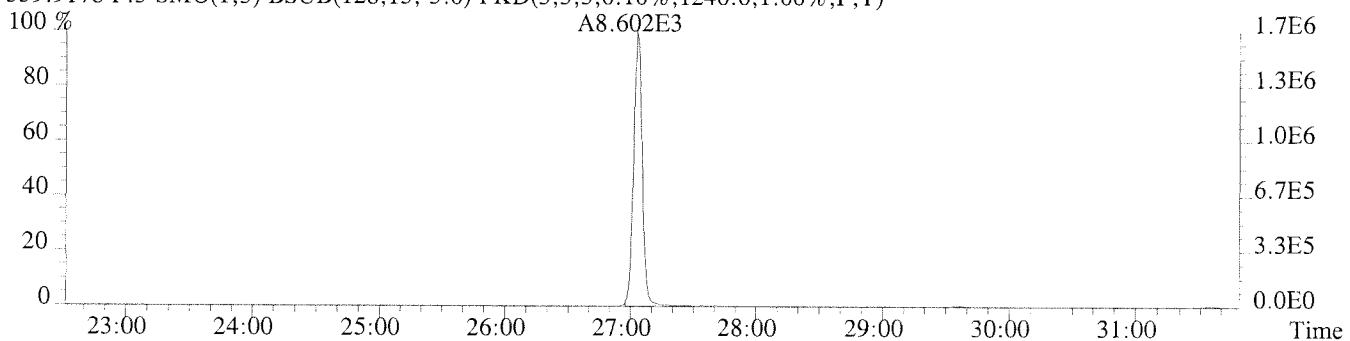
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1388.0,1.00%,F,T)



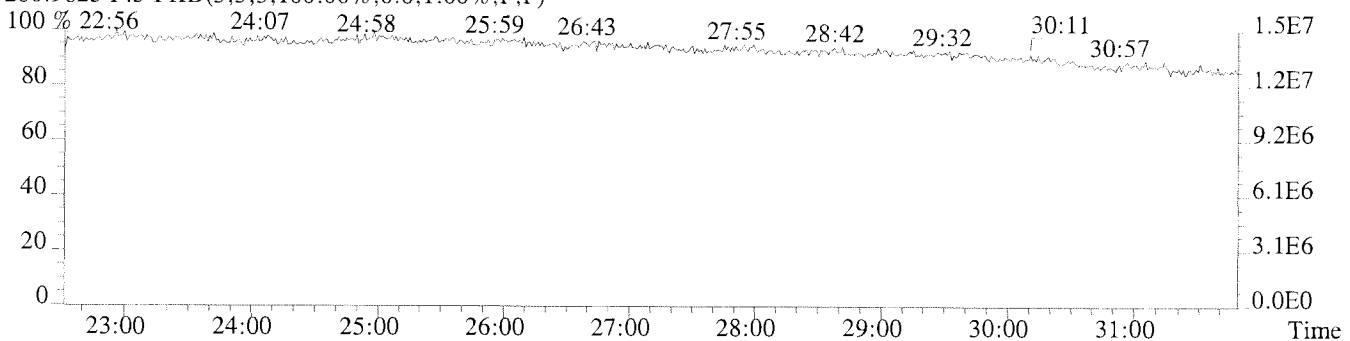
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,T)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1240.0,1.00%,F,T)

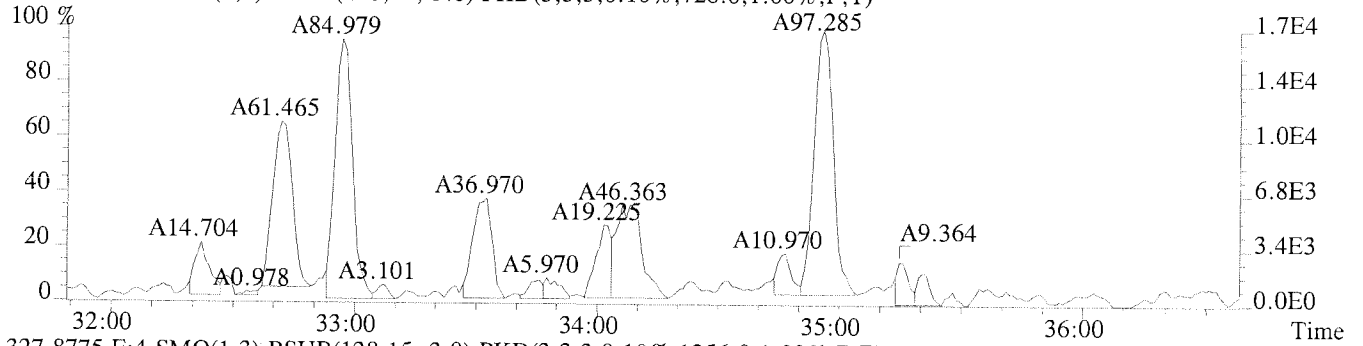


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

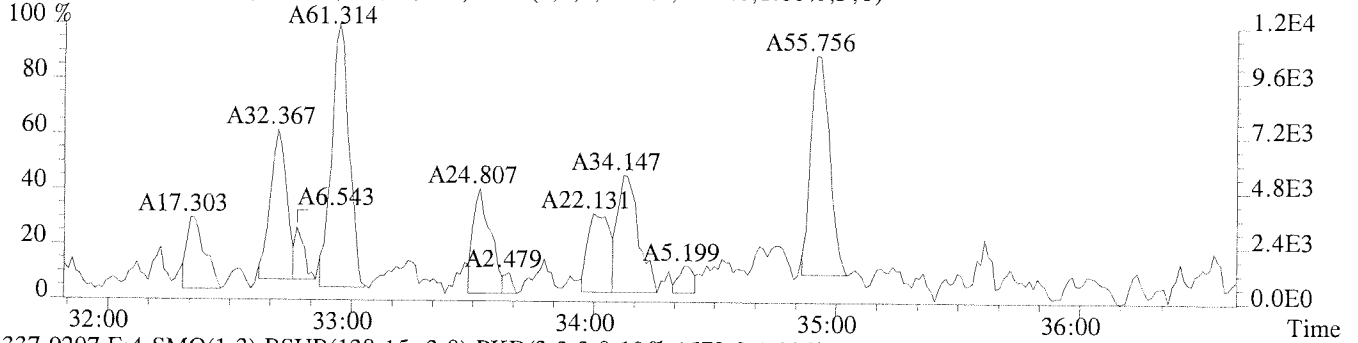


File:U224780 #1-309 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS

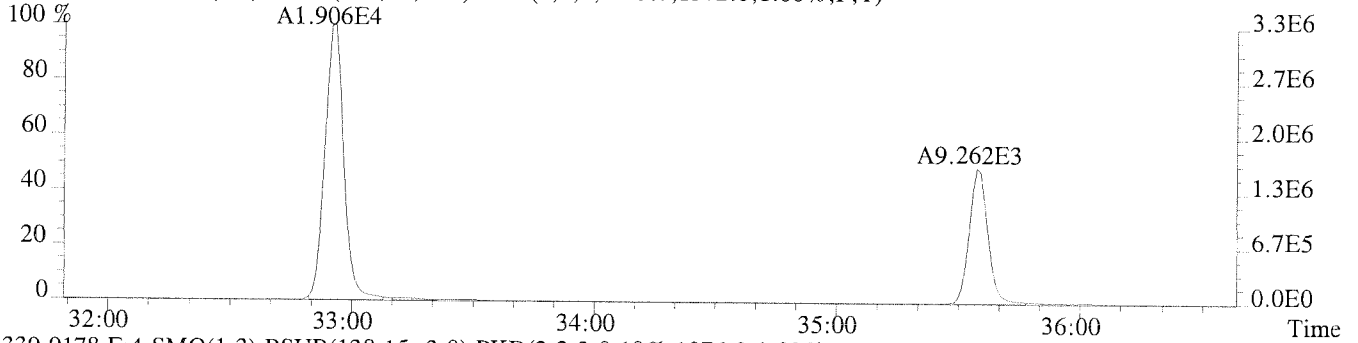
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,728.0,1.00%,F,T)



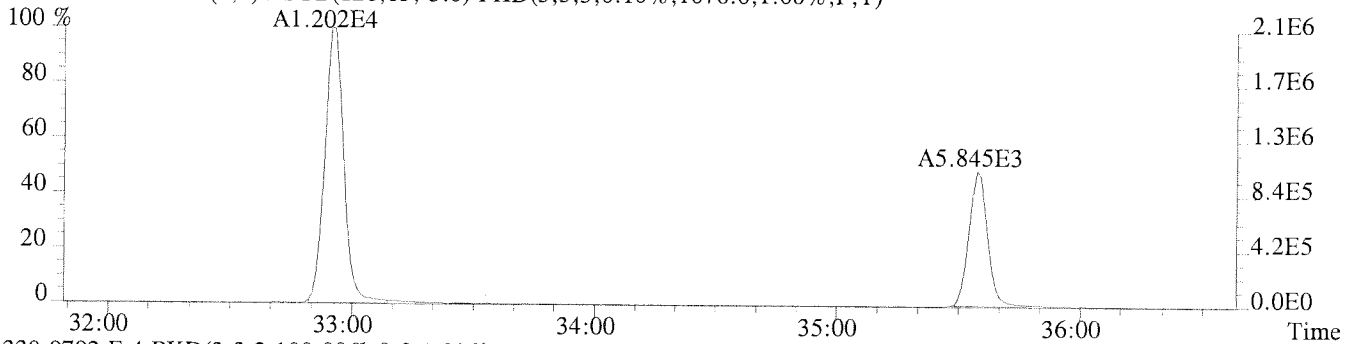
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,T)



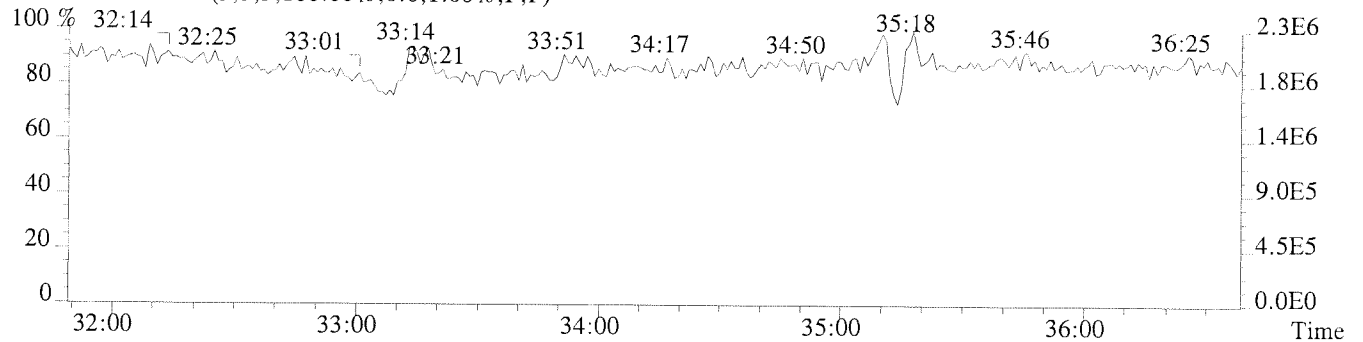
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1572.0,1.00%,F,T)



339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1076.0,1.00%,F,T)



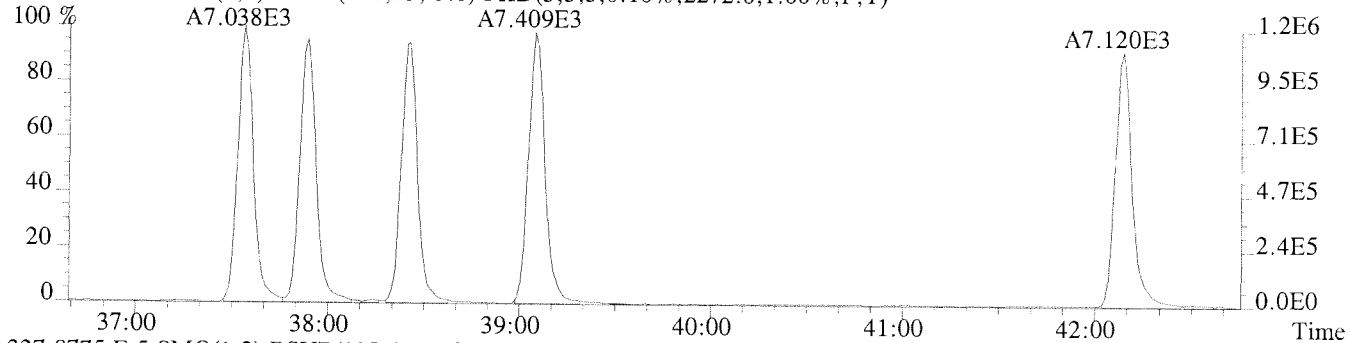
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



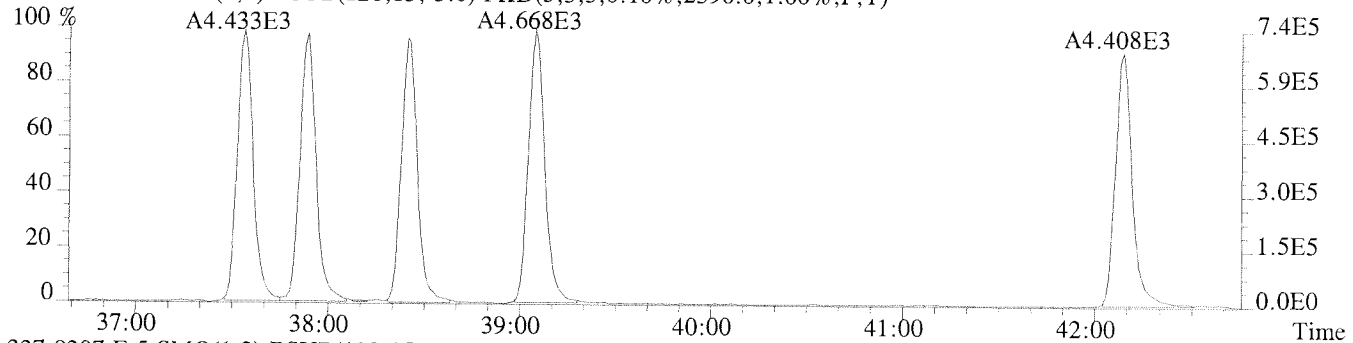
File:U224780 #1-391 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-02 LCS

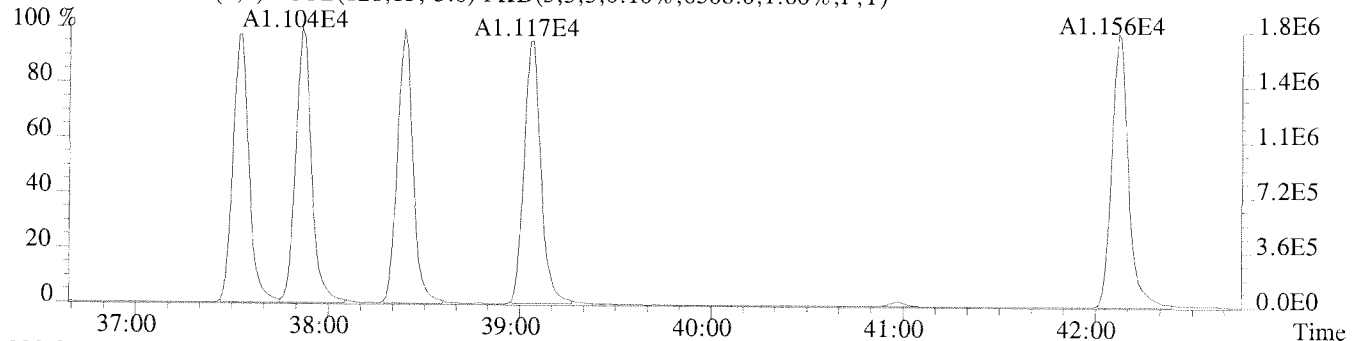
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2272.0,1.00%,F,T)



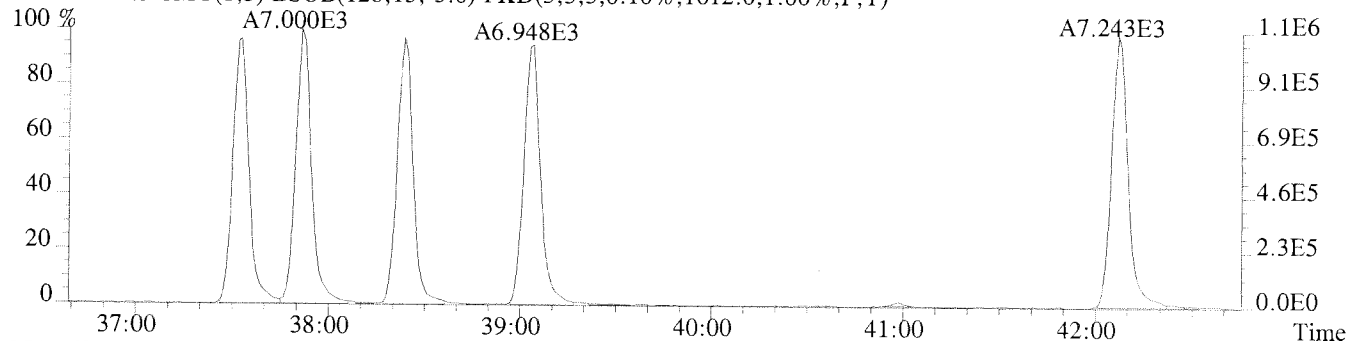
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2596.0,1.00%,F,T)



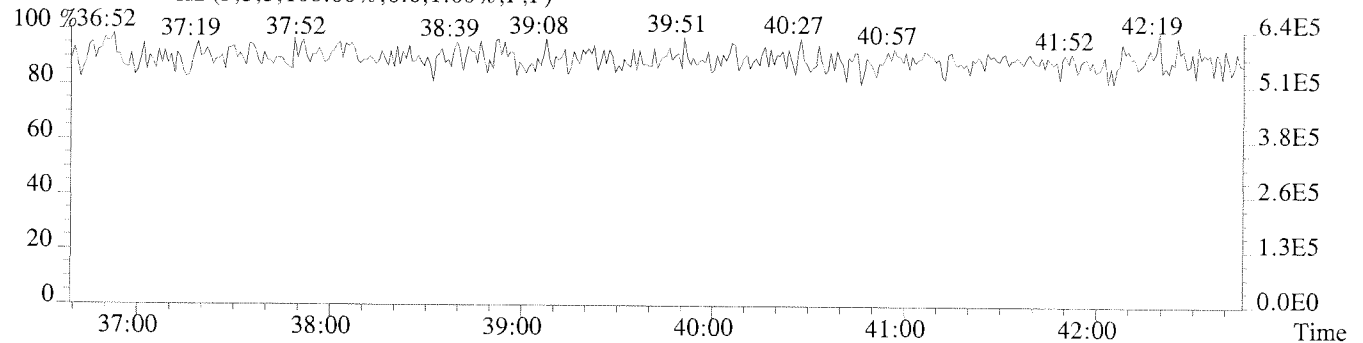
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6508.0,1.00%,F,T)



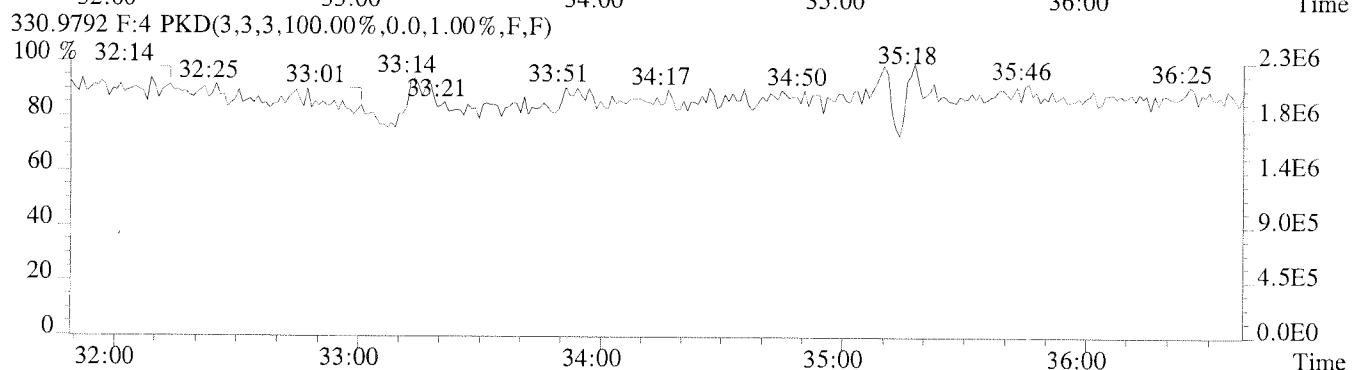
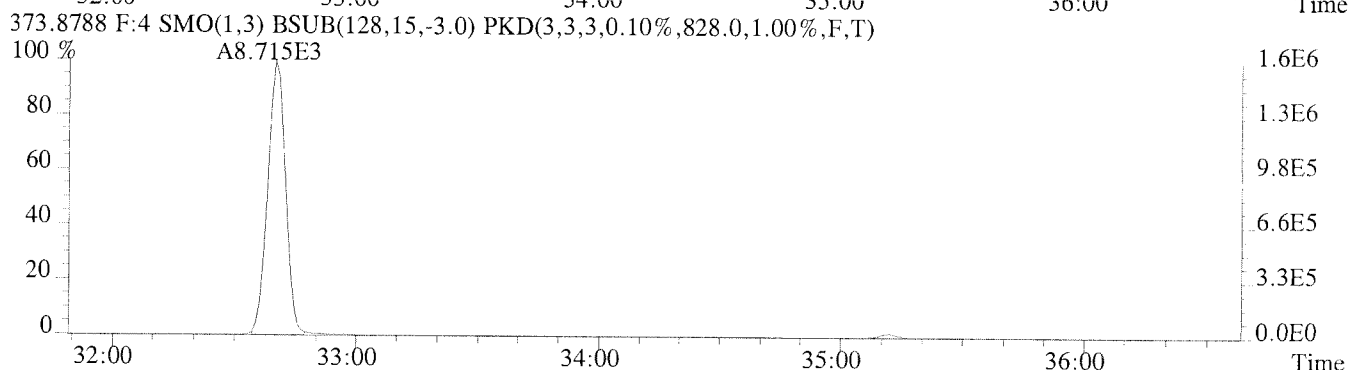
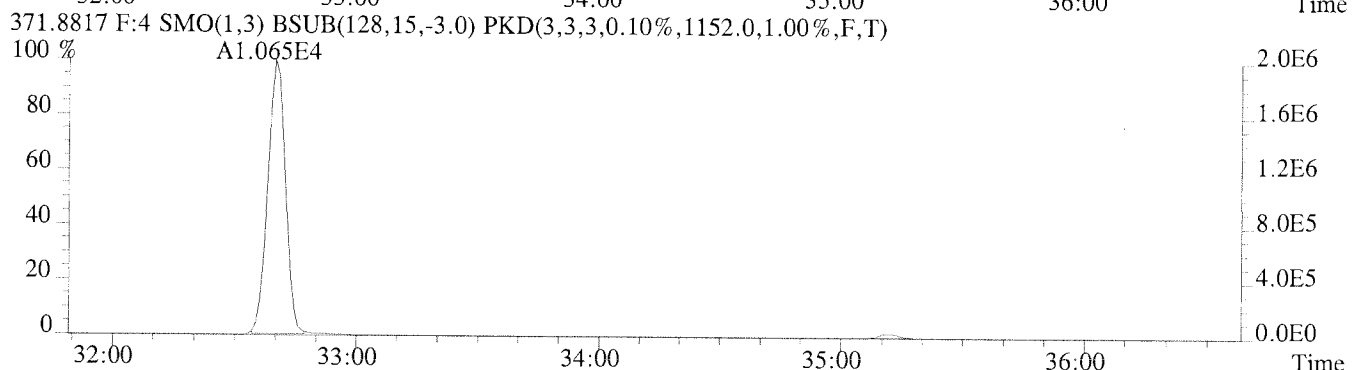
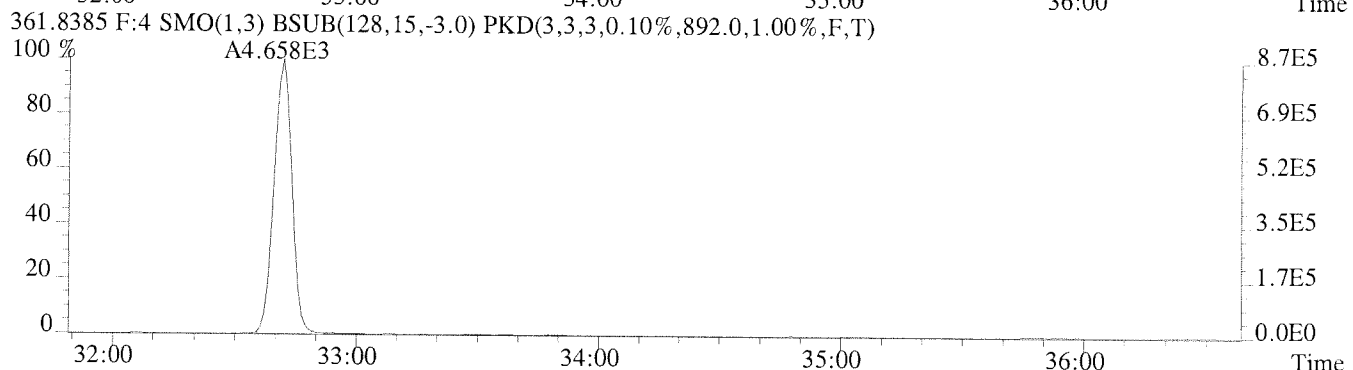
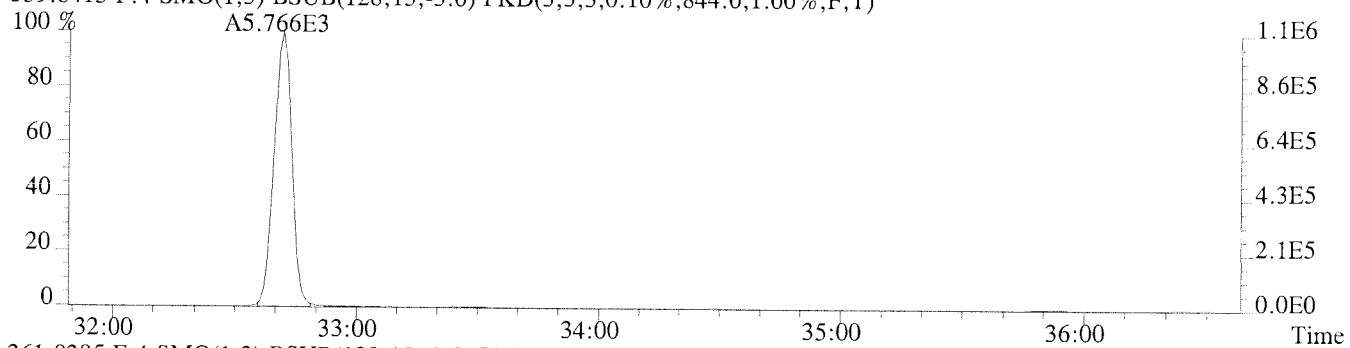
339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1612.0,1.00%,F,T)



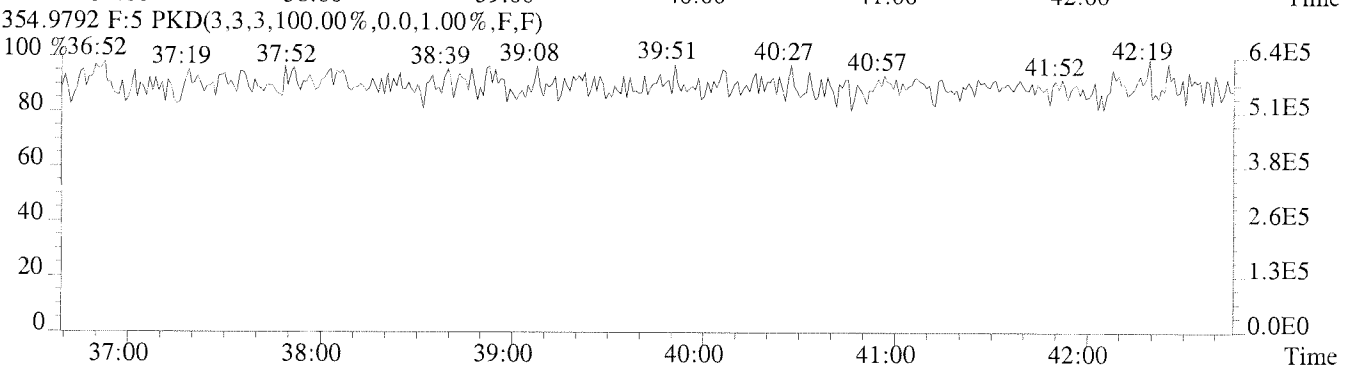
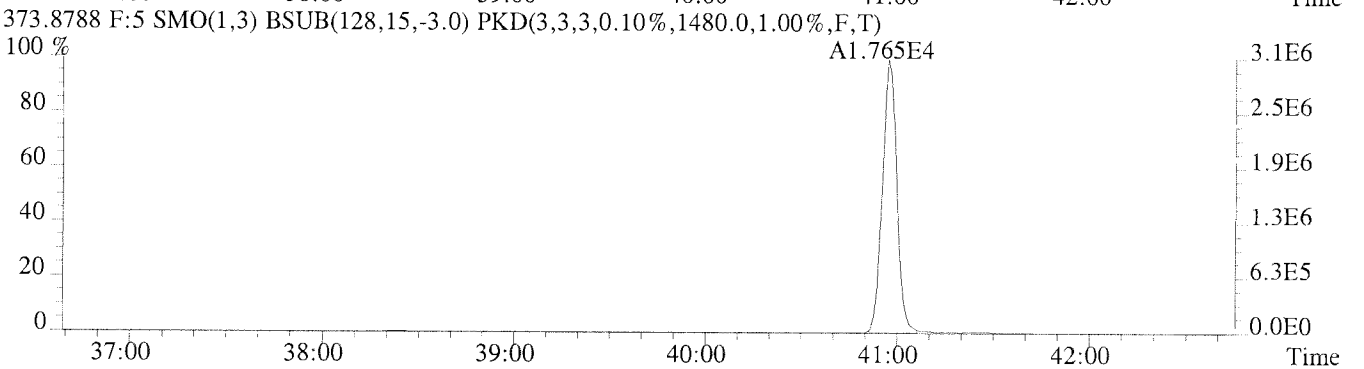
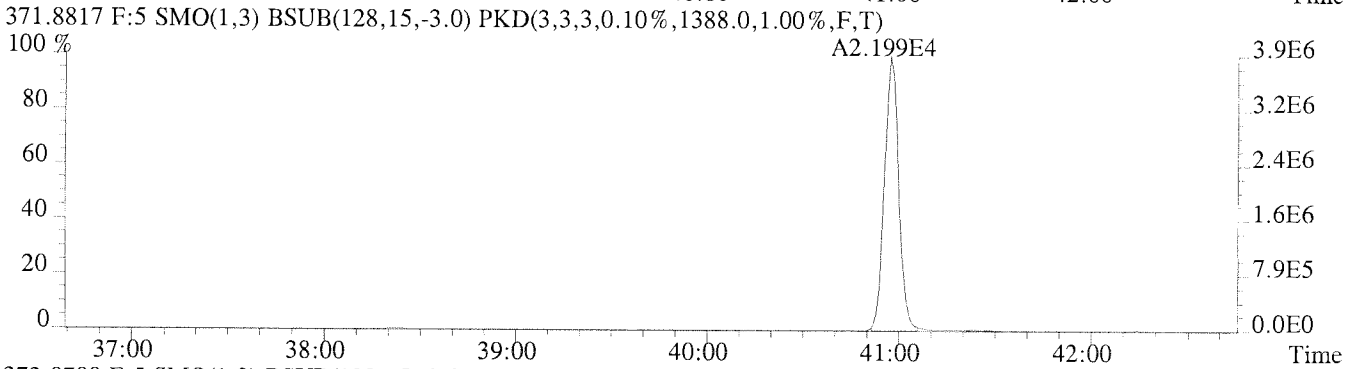
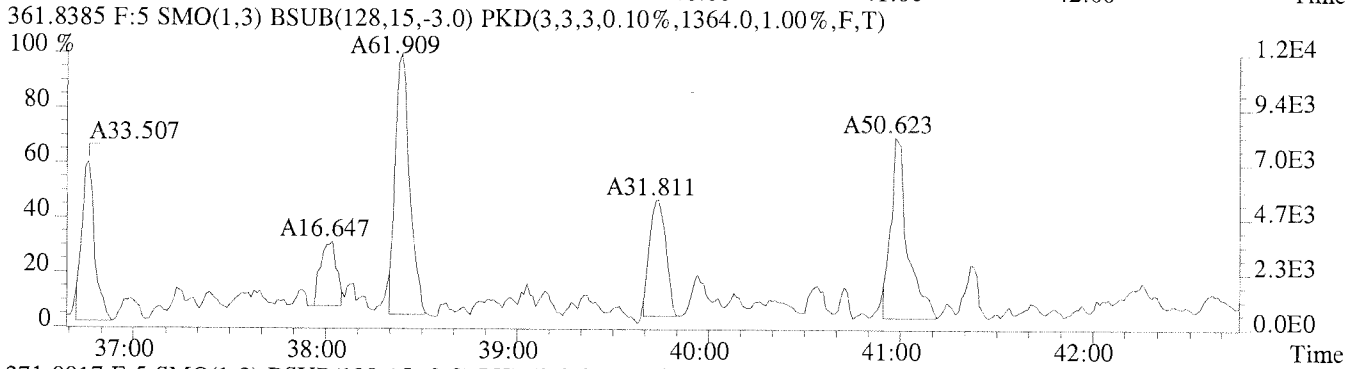
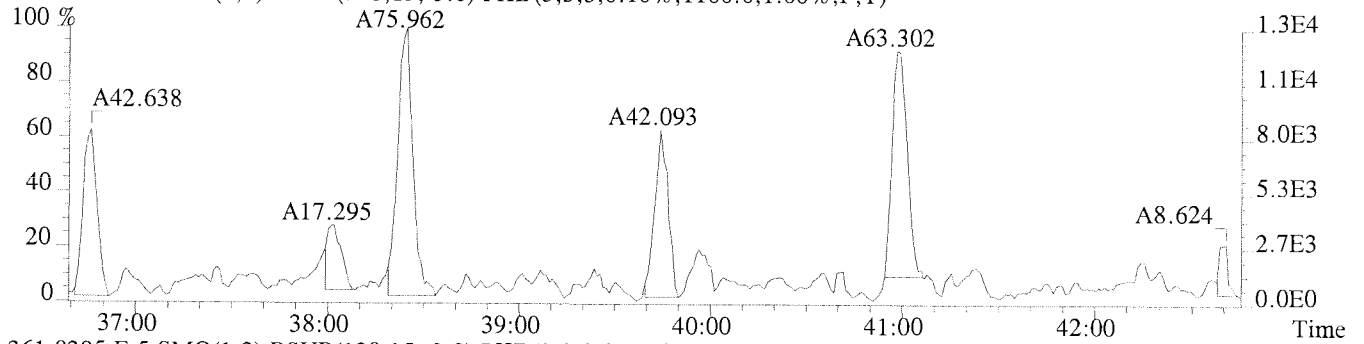
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



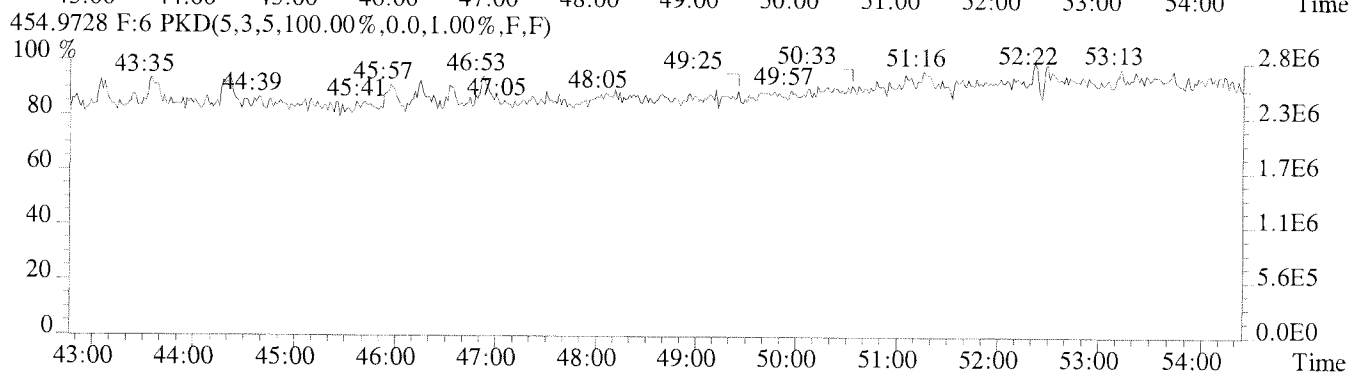
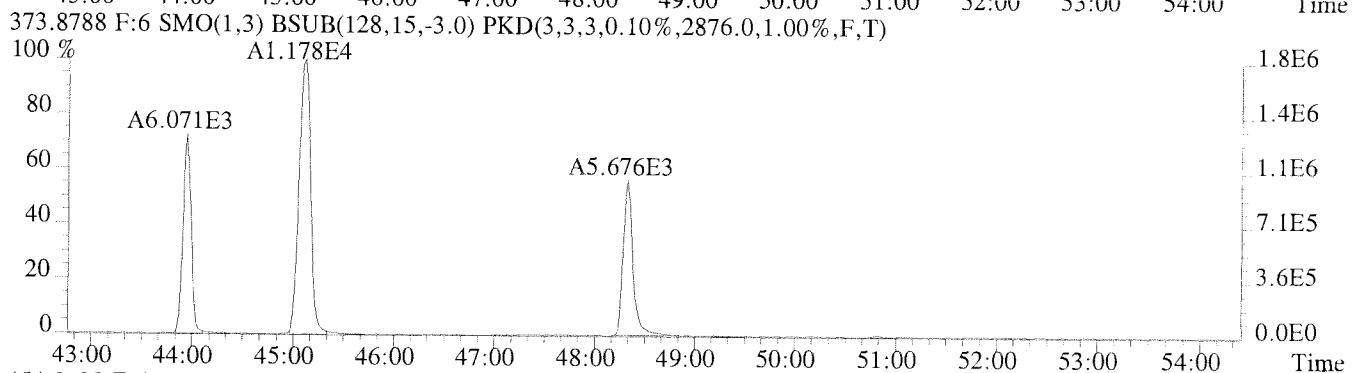
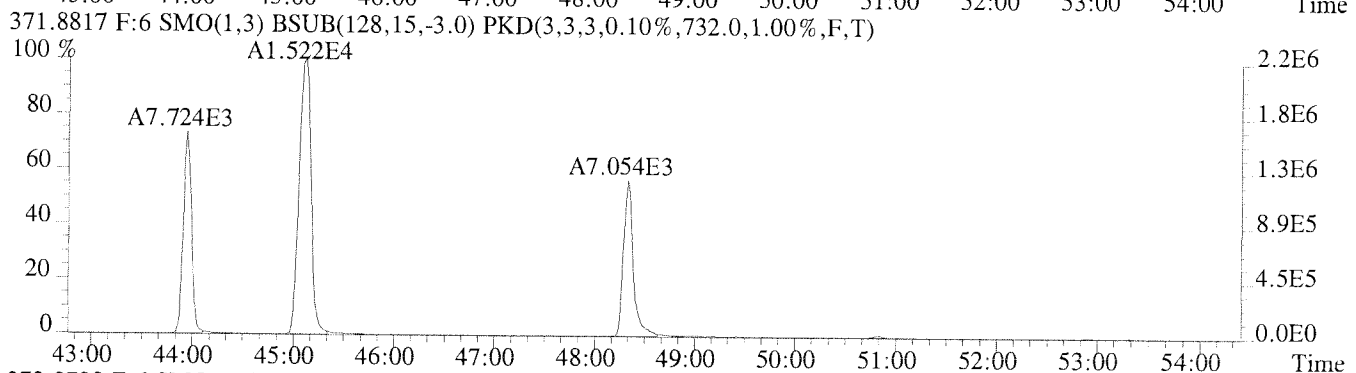
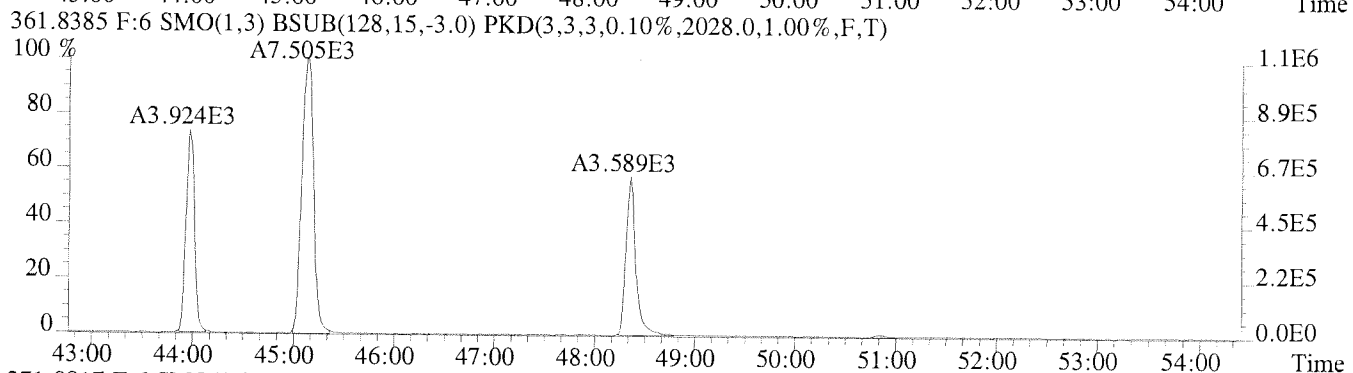
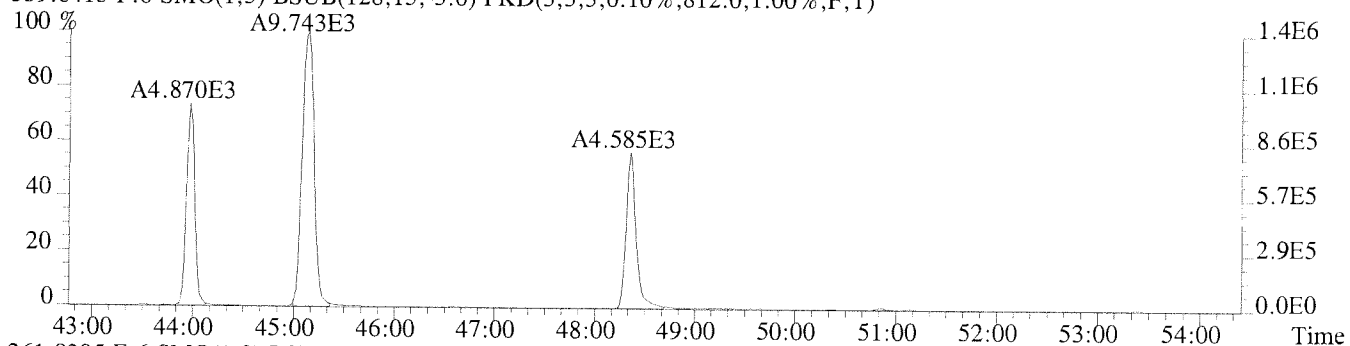
File:U224780 #1-309 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,844.0,1.00%,F,T)



File:U224780 #1-391 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1160.0,1.00%,F,T)

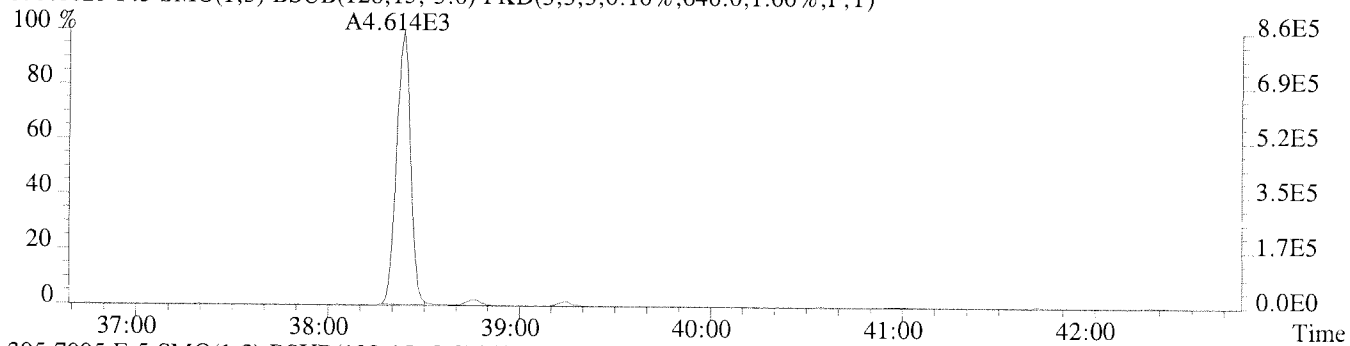


File:U224780 #1-577 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,812.0,1.00%,F,T)

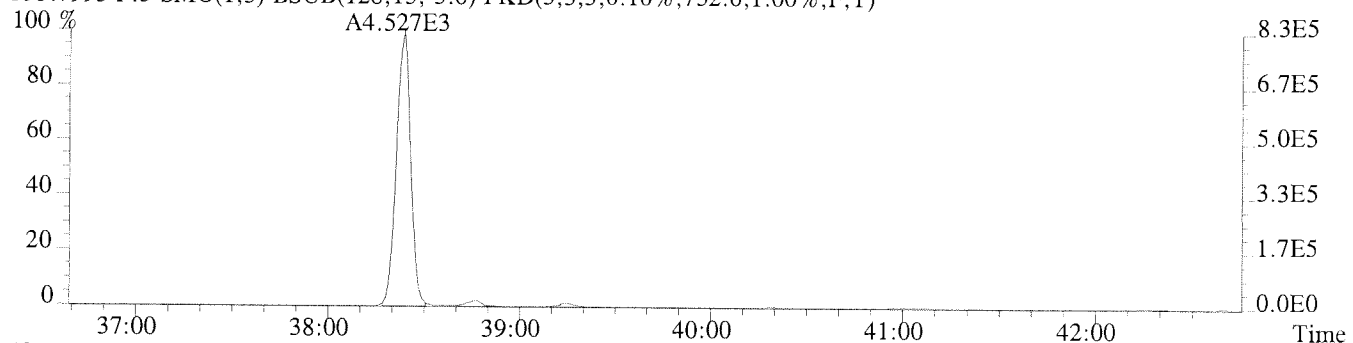


File:U224780 #1-391 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS

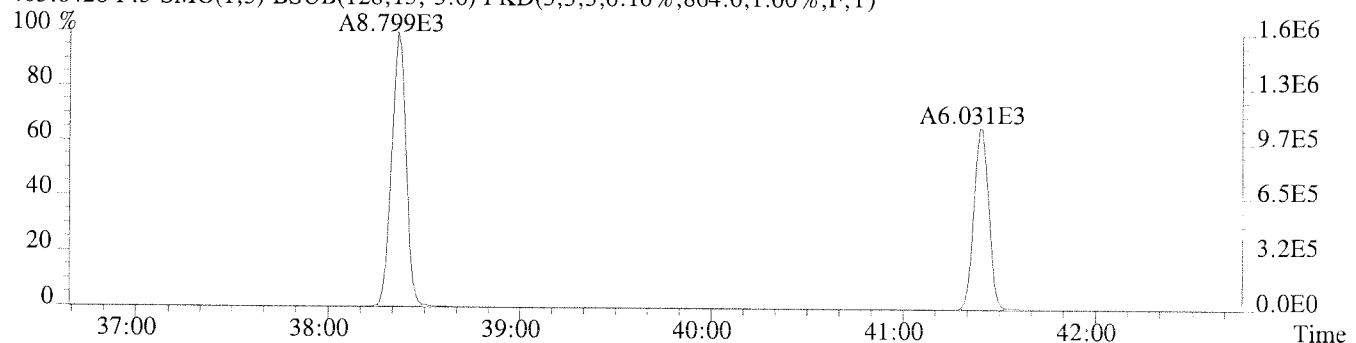
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,640.0,1.00%,F,T)



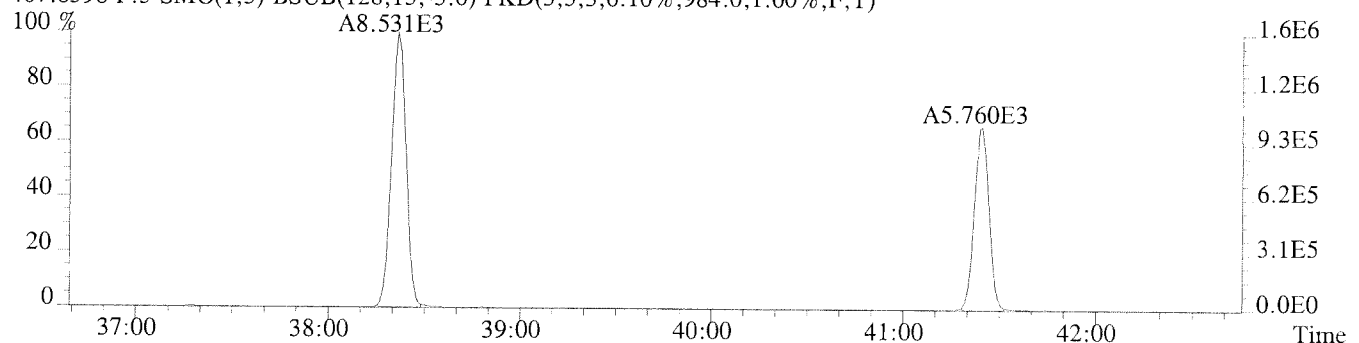
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,752.0,1.00%,F,T)



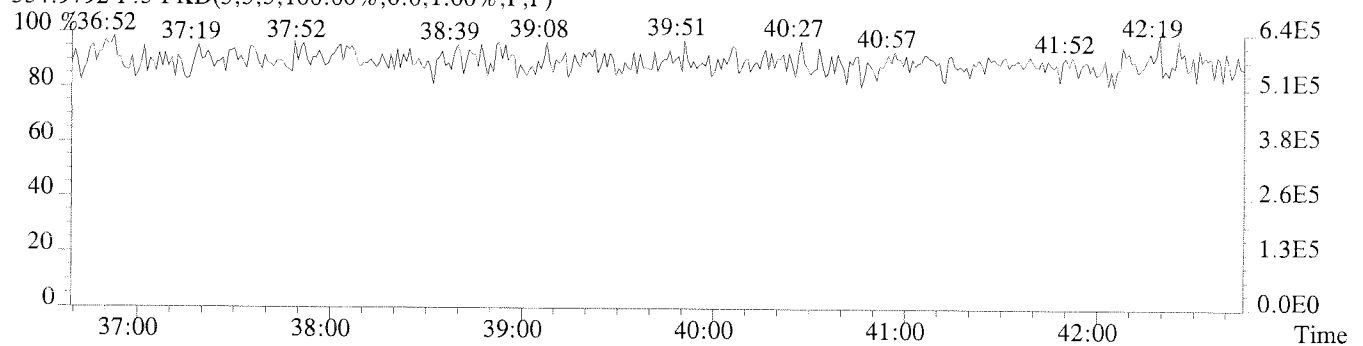
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,864.0,1.00%,F,T)



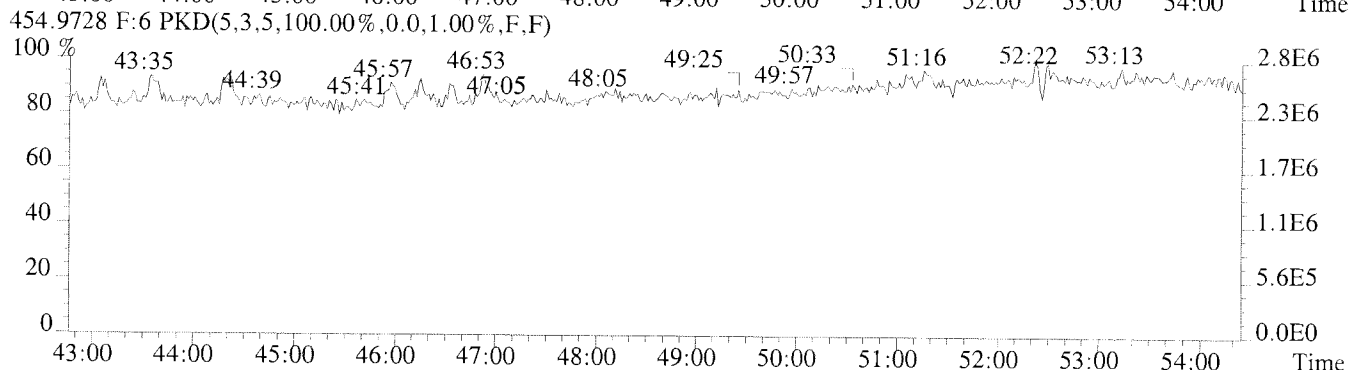
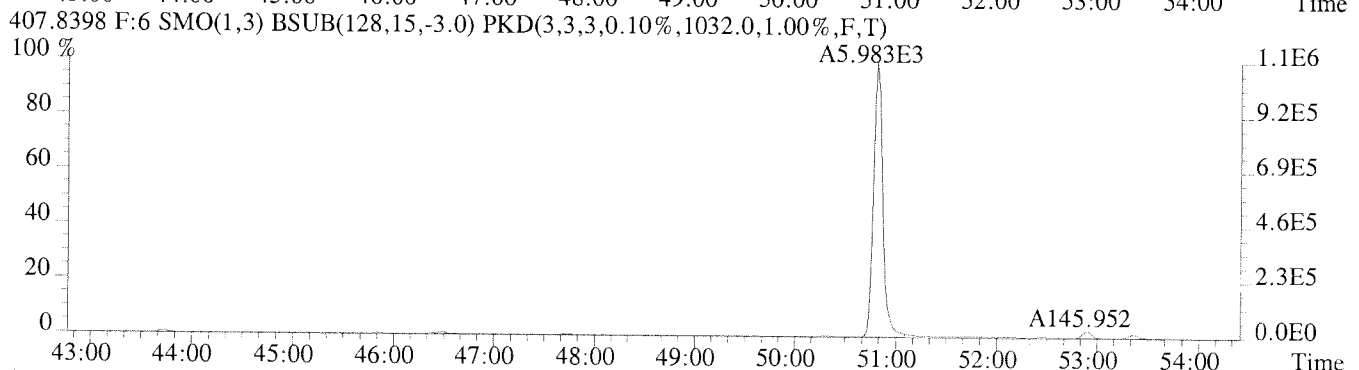
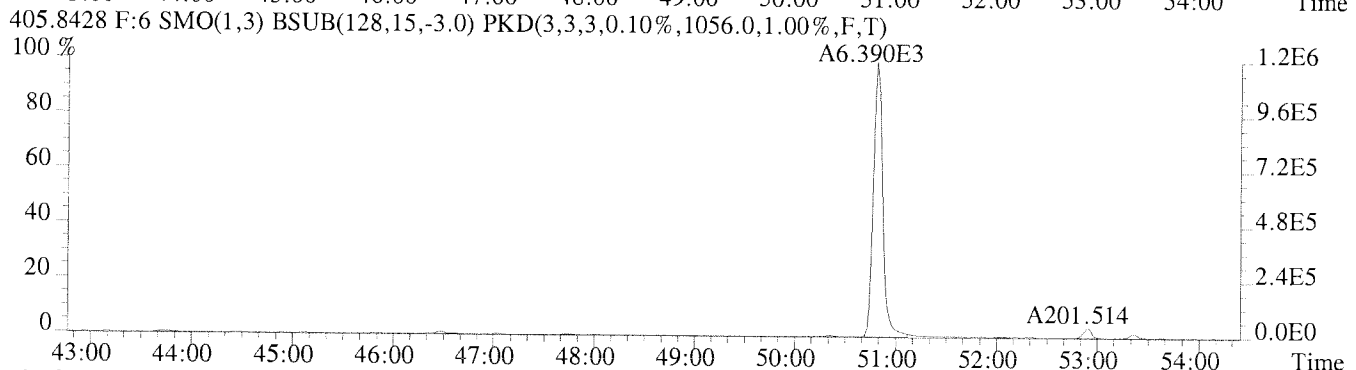
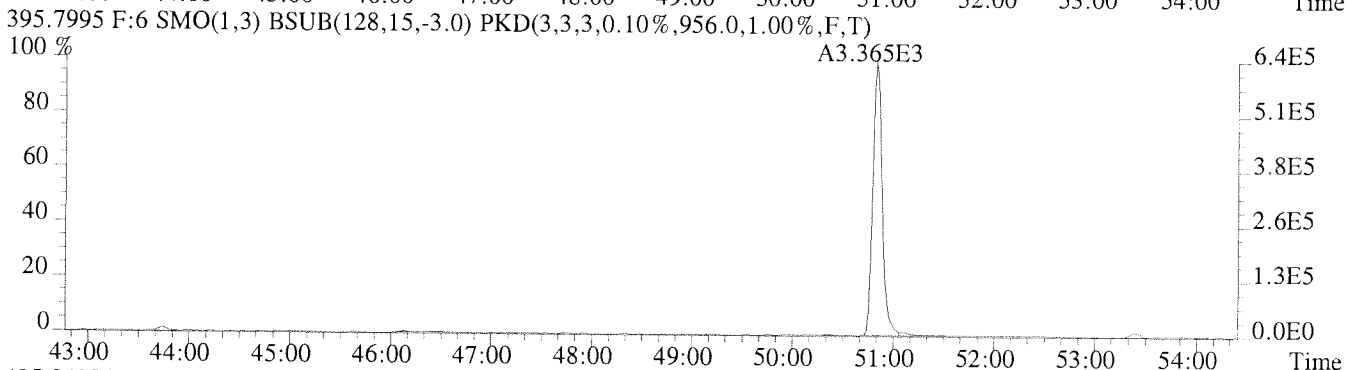
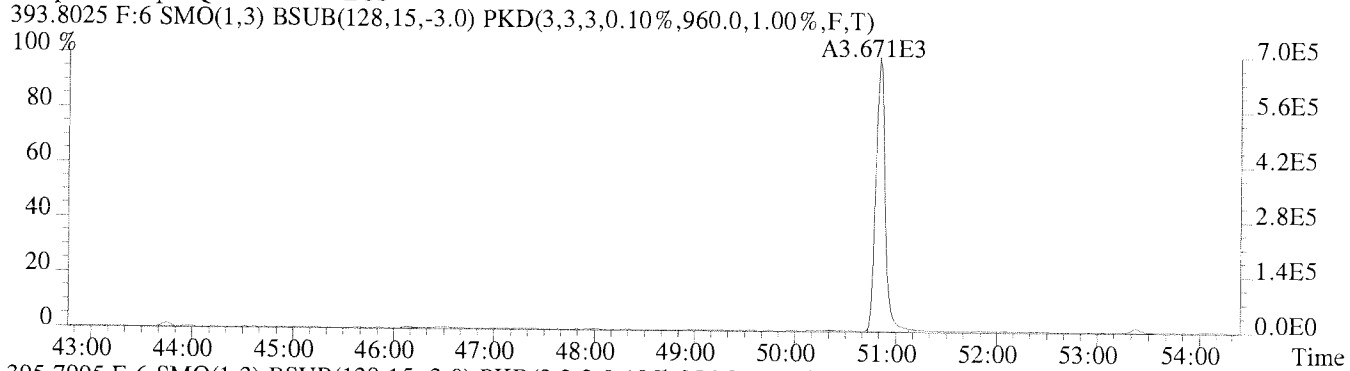
407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,984.0,1.00%,F,T)



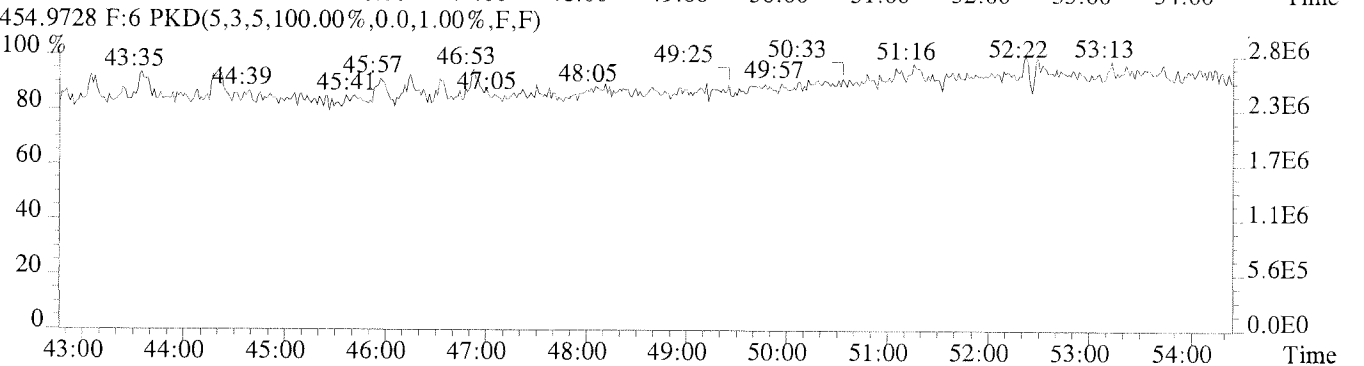
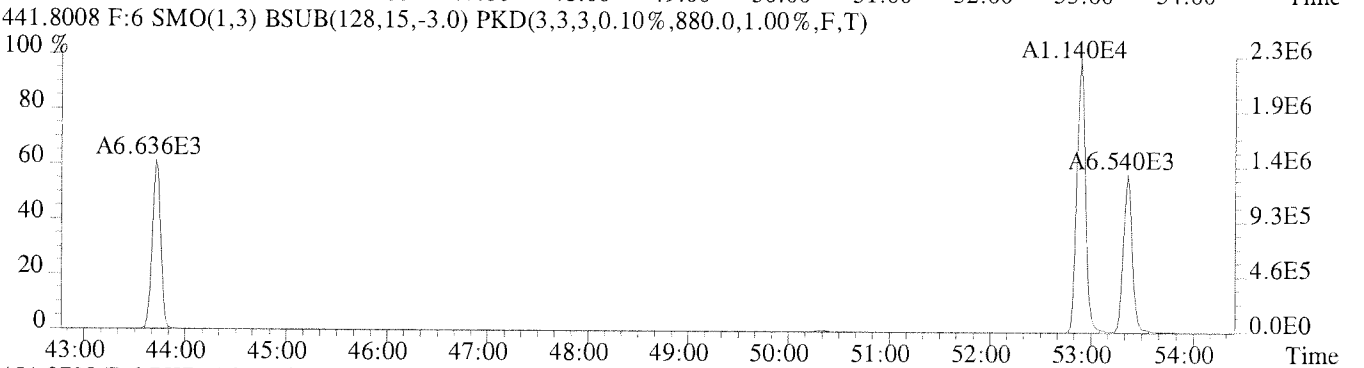
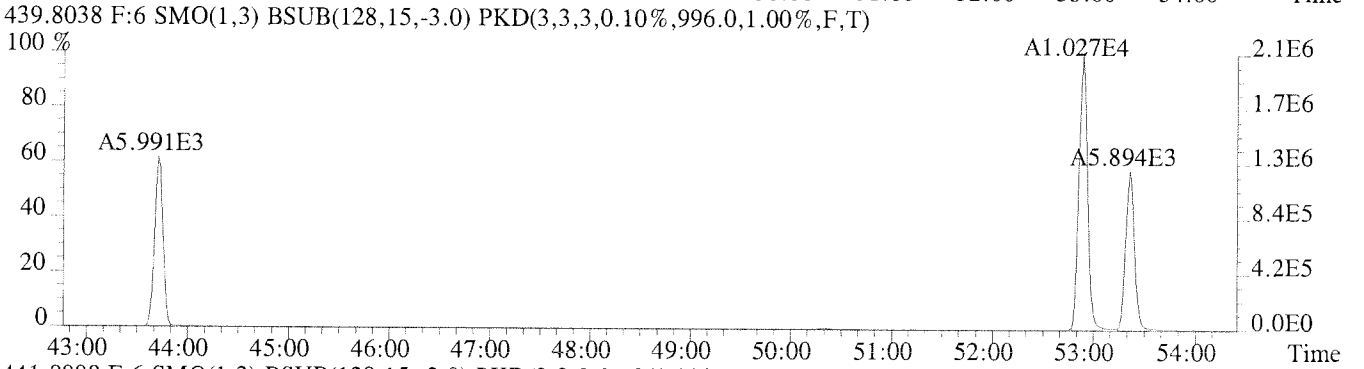
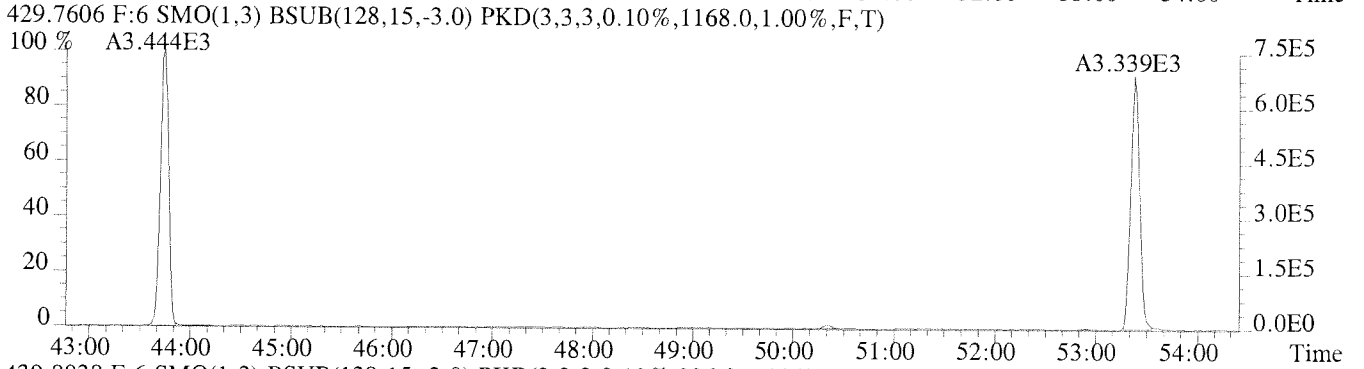
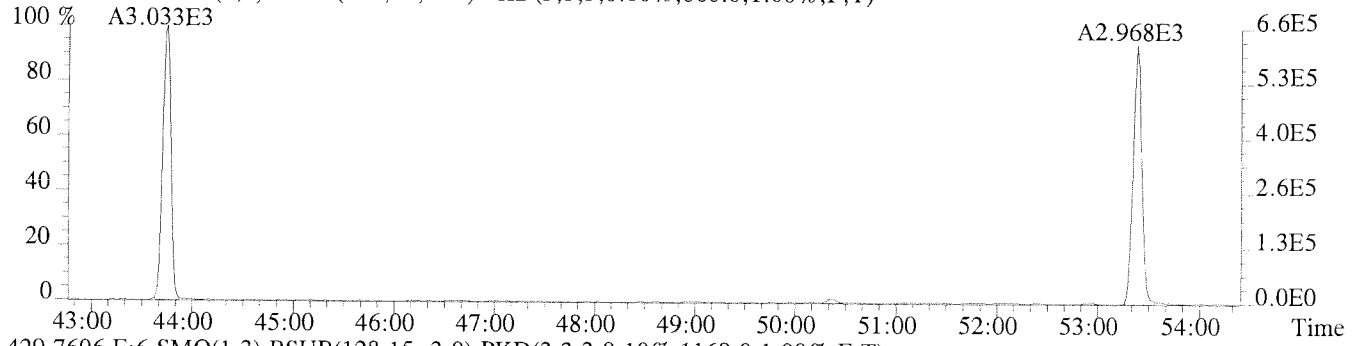
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



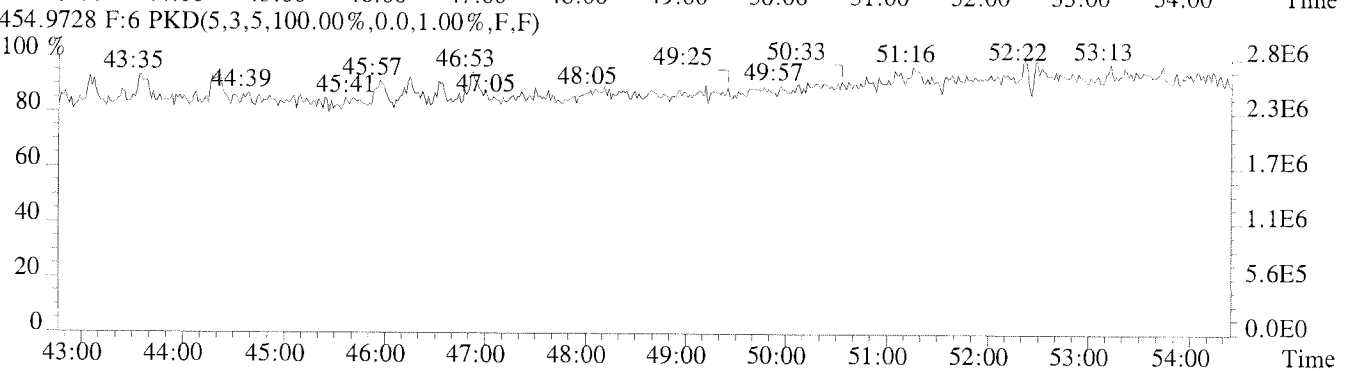
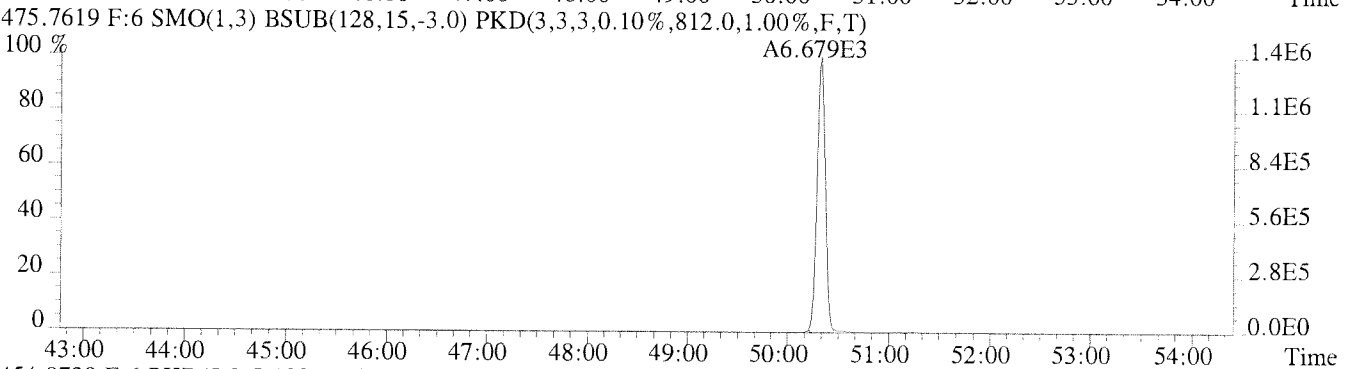
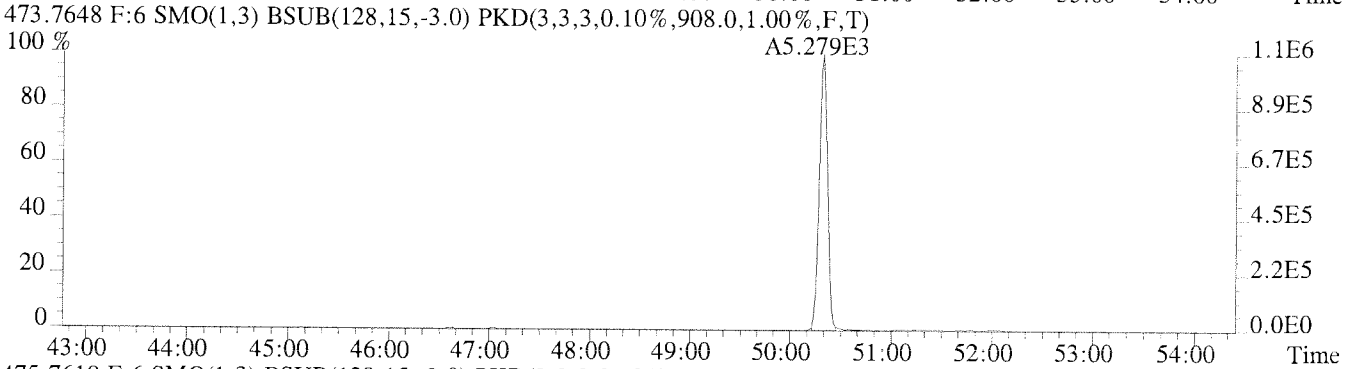
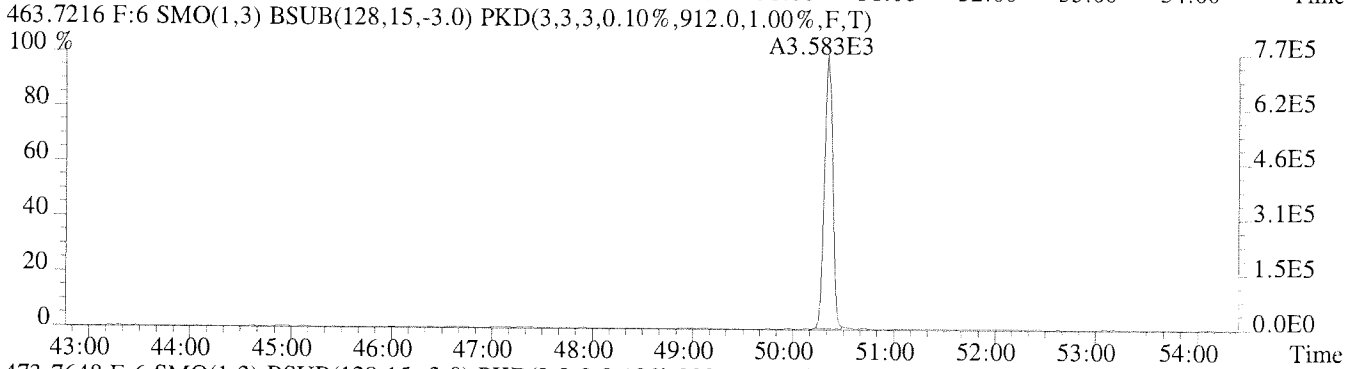
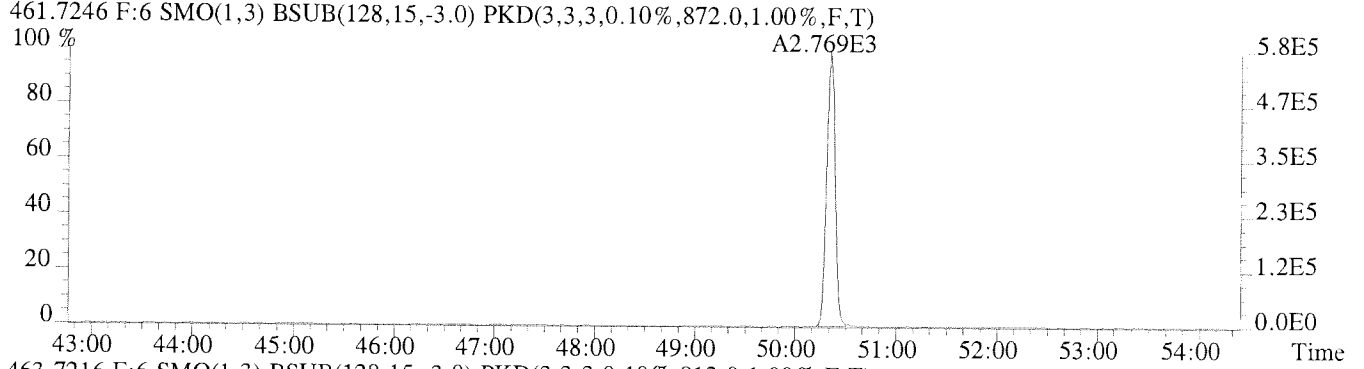
File:U224780 #1-577 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS



File:U224780 #1-577 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,868.0,1.00%,F,T)

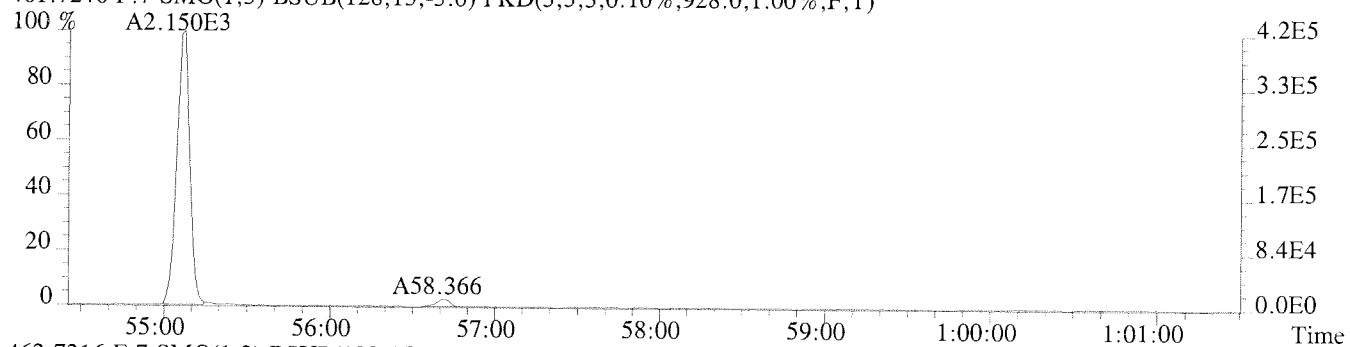


File:U224780 #1-577 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS

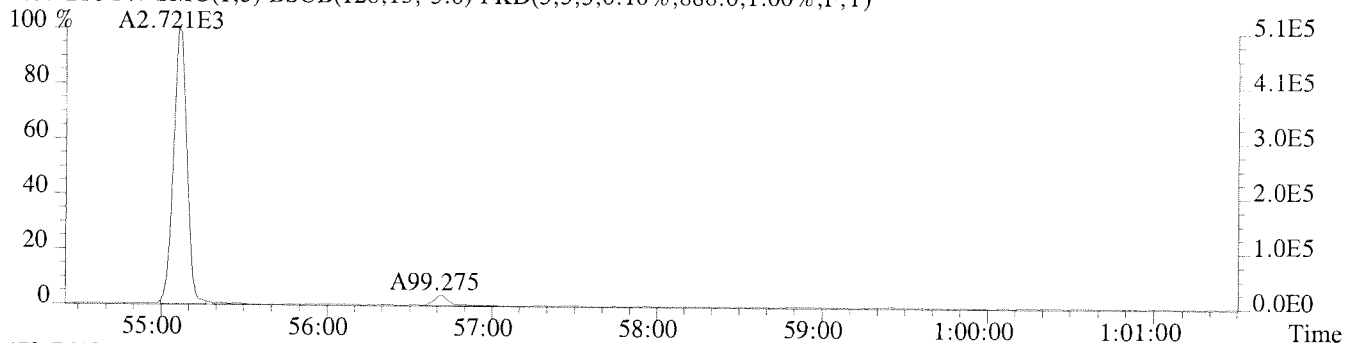


File:U224780 #1-400 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-02 LCS

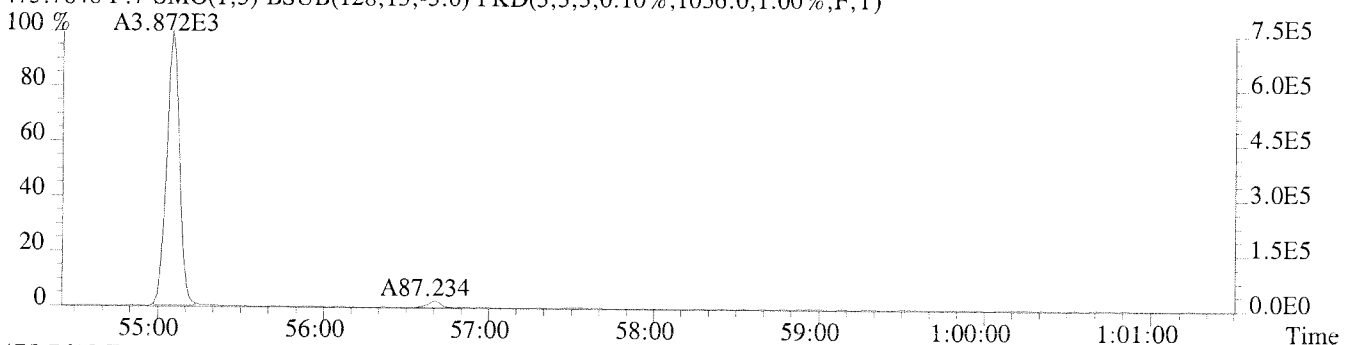
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,928.0,1.00%,F,T)



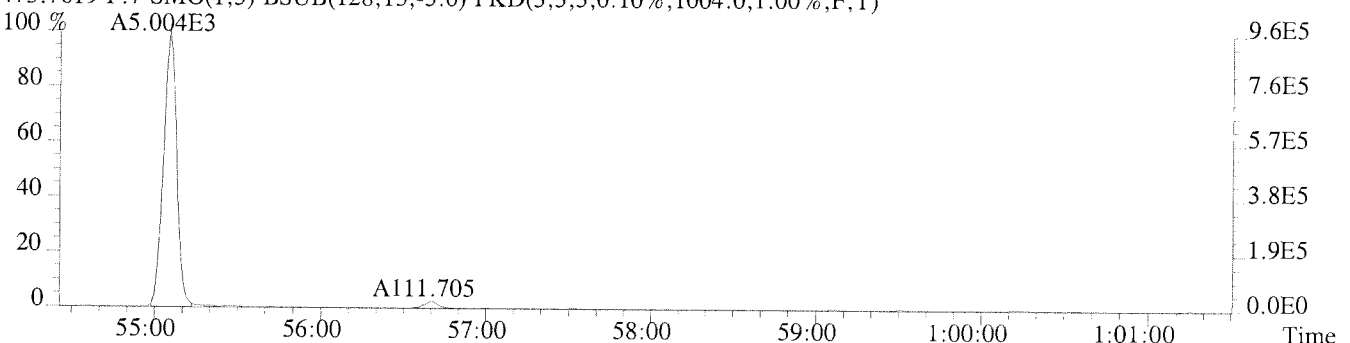
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,888.0,1.00%,F,T)



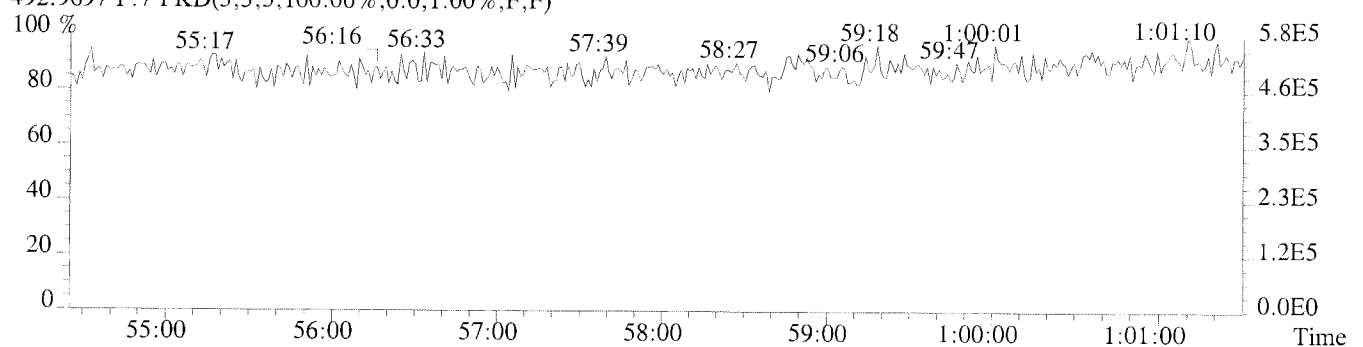
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1056.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1004.0,1.00%,F,T)



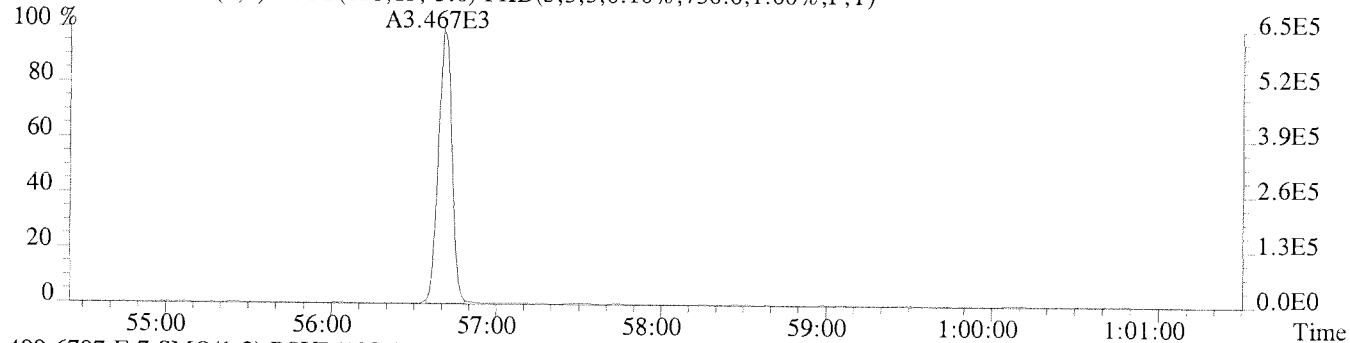
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



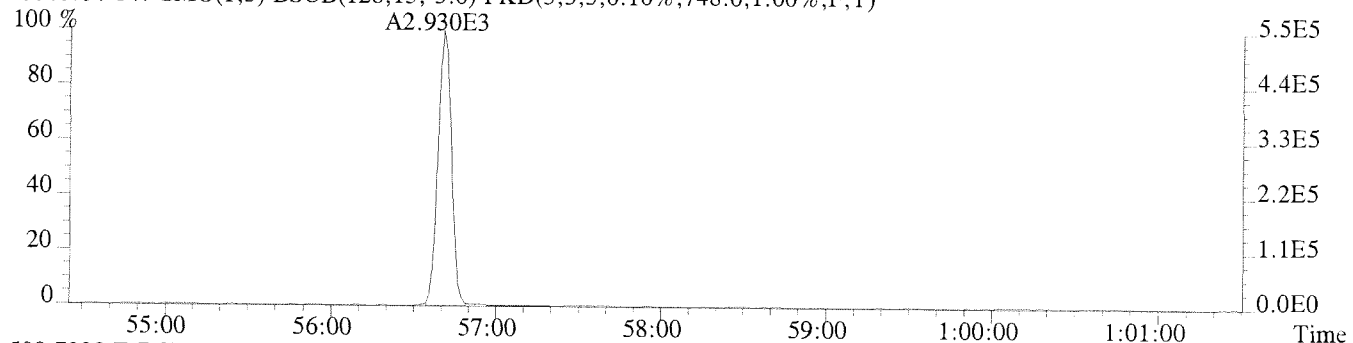
File:U224780 #1-400 Acq:18-JAN-2011 12:12:18 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-02 LCS

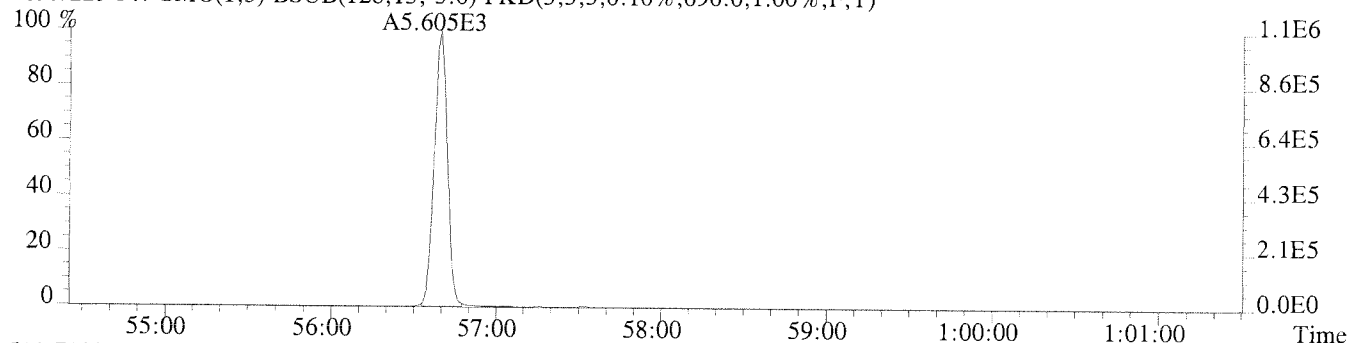
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,736.0,1.00%,F,T)



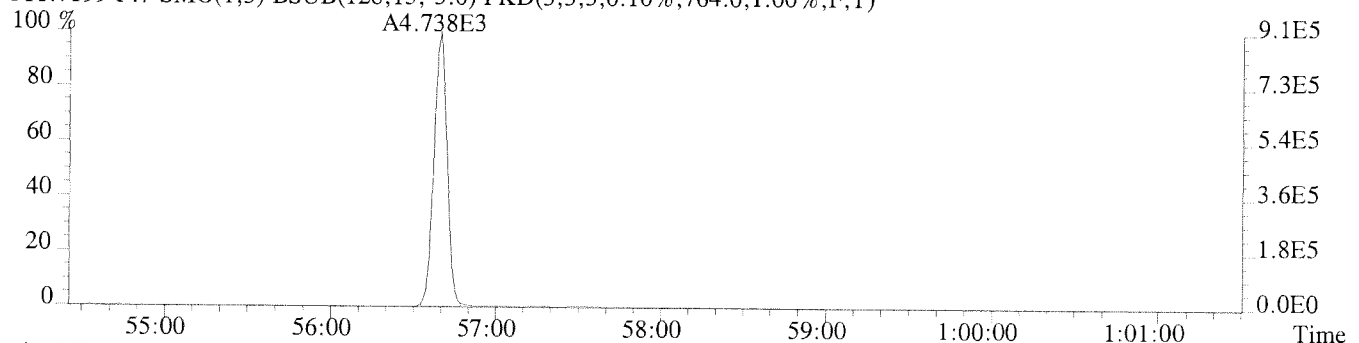
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,748.0,1.00%,F,T)



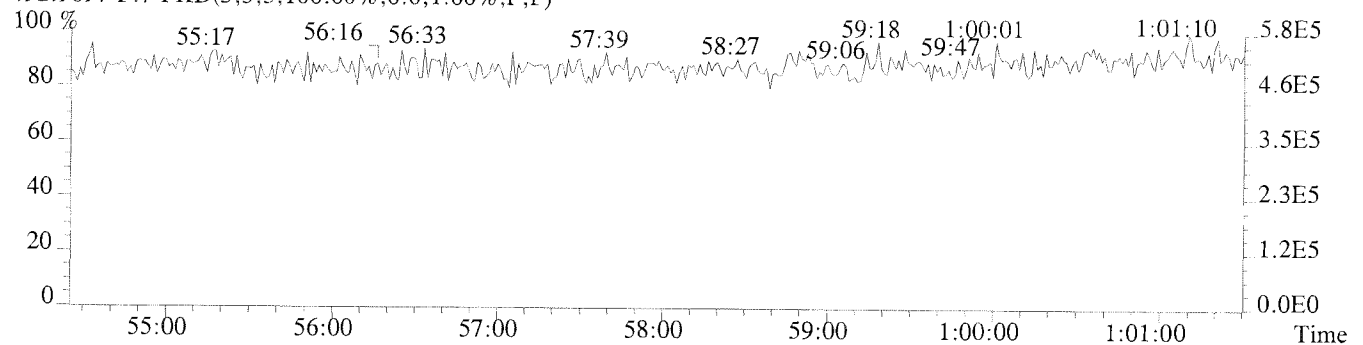
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,696.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,764.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
DLCS

Run #8 Filename U224781 #1 Samp: 1 Inj: 1 Acquired: 18-JAN-11 13:20:39
Processed: 18-JAN-11 16:21:17 LAB. ID: EQ1100013-03

Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT	
1	1	2-MoCB	12:58	3.191e+04	1.001e+04	3.19	yes	no	1.001
2	3	4-MoCB	15:11	3.491e+04	1.094e+04	3.19	yes	no	1.001
3	4	22'-DiCB	15:27	1.596e+04	1.054e+04	1.52	yes	no	1.001
4	15	44'-DiCB	21:22	2.588e+04	1.644e+04	1.57	yes	no	1.001
5	19	22'6'-TrCB	18:42	9.996e+03	9.476e+03	1.05	yes	no	1.001
6	37	344'-TrCB	28:21	2.575e+04	2.453e+04	1.05	yes	no	1.001
7	54	22'66'-TeCB	21:41	1.403e+04	1.829e+04	0.77	yes	no	1.001
8	81	344'5'-TeCB	35:03	1.792e+04	2.244e+04	0.80	yes	no	1.000
9	77	33'44'-TeCB	35:39	1.841e+04	2.344e+04	0.79	yes	no	1.001
10	104	22'466'-PeCB	27:06	2.114e+04	1.388e+04	1.52	yes	no	1.001
11	123	2'344'5'-PeCB	37:35	2.286e+04	1.440e+04	1.59	yes	no	1.001
12	118	23'44'5'-PeCB	37:53	2.254e+04	1.422e+04	1.58	yes	no	1.000
13	114	2344'5'-PeCB	38:25	2.150e+04	1.356e+04	1.59	yes	no	1.000
14	105	233'44'-PeCB	39:06	2.327e+04	1.470e+04	1.58	yes	no	1.001
15	126	33'44'5'-PeCB	42:09	1.868e+04	1.163e+04	1.61	yes	no	1.000
16	155	22'44'66'-HxCB	32:43	2.039e+04	1.648e+04	1.24	yes	no	1.001
17	167	23'44'55'-HxCB	43:59	1.378e+04	1.101e+04	1.25	yes	no	1.000
18	156/7	233'44'5'-HxCB	45:08	2.642e+04	2.094e+04	1.26	yes	no	1.000
19	169	33'44'55'-HxCB	48:21	1.218e+04	9.998e+03	1.22	yes	no	1.000
20	188	22'34'566'-HpCB	38:24	1.474e+04	1.408e+04	1.05	yes	no	1.000
21	189	233'44'55'-HpCB	50:50	9.005e+03	8.681e+03	1.04	yes	no	1.000
22	202	22'33'55'66'-OxCB	43:45	8.980e+03	1.001e+04	0.90	yes	no	1.000
23	205	233'44'55'6-OxCB	53:23	7.493e+03	8.383e+03	0.89	yes	no	1.000
24	208	22'33'4'55'66'-NoCB	50:21	7.099e+03	9.218e+03	0.77	yes	no	1.000
25	206	22'33'44'55'6-NoCB	55:07	5.200e+03	6.635e+03	0.78	yes	no	1.001
26	209	DeCB	56:42	8.729e+03	7.370e+03	1.18	yes	no	1.001
27	1L	13C-2-MoCB	12:57	4.741e+04	1.523e+04	3.11	yes	no	0.731
28	3L	13C-4-MoCB	15:10	5.131e+04	1.630e+04	3.15	yes	no	0.856
29	4L	13C-22'-DiCB	15:26	2.956e+04	1.921e+04	1.54	yes	no	0.871
30	15L	13C-44'-DiCB	21:21	3.955e+04	2.468e+04	1.60	yes	no	1.205
31	19L	13C-22'6'-TrCB	18:41	1.562e+04	1.552e+04	1.01	yes	no	1.055
32	37L	13C-344'-TrCB	28:19	3.886e+04	3.572e+04	1.09	yes	no	1.083
33	54L	13C-22'66'-TeCB	21:40	2.457e+04	3.121e+04	0.79	yes	no	0.829
34	81L	13C-344'5'-TeCB	35:02	2.623e+04	3.280e+04	0.80	yes	no	1.340
35	77L	13C-33'44'-TeCB	35:37	2.846e+04	3.536e+04	0.80	yes	no	1.362
36	104L	13C-22'466'-PeCB	27:04	3.923e+04	2.497e+04	1.57	yes	no	0.822
37	123L	13C-2'344'5'-PeCB	37:33	3.450e+04	2.146e+04	1.61	yes	no	1.140
38	118L	13C-23'44'5'-PeCB	37:53	3.449e+04	2.149e+04	1.60	yes	no	1.150
39	114L	13C-2344'5'-PeCB	38:24	3.330e+04	2.068e+04	1.61	yes	no	1.166
40	105L	13C-233'44'-PeCB	39:04	3.496e+04	2.206e+04	1.58	yes	no	1.186
41	126L	13C-33'44'5'-PeCB	42:08	3.012e+04	1.869e+04	1.61	yes	no	1.279
42	155L	13C-22'44'66'-HxCB	32:41	3.733e+04	2.980e+04	1.25	yes	no	0.798
43	167L	13C-23'44'55'-HxCB	43:58	2.139e+04	1.668e+04	1.28	yes	no	1.073
44	156/7	13C-233'44'5'-HxCB	45:07	4.098e+04	3.201e+04	1.28	yes	no	1.101
45	169L	13C-33'44'55'-HxCB	48:20	1.913e+04	1.518e+04	1.26	yes	no	1.180
46	188L	13C-22'34'566'-HpCB	38:23	2.730e+04	2.610e+04	1.05	yes	no	0.726
47	189L	13C-233'44'55'-HpCB	50:49	1.556e+04	1.488e+04	1.05	yes	no	0.961
48	202L	13C-22'33'55'66'-OxCB	43:44	1.701e+04	1.915e+04	0.89	yes	no	0.827
49	205L	13C-233'44'55'6-OxCB	53:22	1.440e+04	1.600e+04	0.90	yes	no	1.009
50	208L	13C-22'33'4'55'66'-NoCB	50:20	1.319e+04	1.675e+04	0.79	yes	no	0.951
51	206L	13C-22'33'44'55'6-NoCB	55:05	9.330e+03	1.177e+04	0.79	yes	no	1.041
52	209L	13C-DeCB	56:40	1.355e+04	1.133e+04	1.20	yes	no	1.071

53	28L	13C-244'-TrCB	24:20	4.162e+04	3.875e+04	1.07	yes	no	0.931
54	111L	13C-233'55'-PeCB	35:36	3.364e+04	2.157e+04	1.56	yes	no	1.081
55	178L	13C-22'33'55'6-HpCB	41:25	1.776e+04	1.707e+04	1.04	yes	no	1.011
56	9L	13C-2,5-DiCB	17:43	4.496e+04	2.817e+04	1.60	yes	no	*
57	52L	13C-22'55'-TeCB	26:09	2.569e+04	3.234e+04	0.79	yes	no	*
58	101L	13C-22'4'55'-PeCB	32:56	3.332e+04	2.114e+04	1.58	yes	no	*
59	138L	13C-22'3'44'5'-HxCB	40:58	3.375e+04	2.659e+04	1.27	yes	no	*
60	194L	13C-22'33'44'55'-OcCB	52:54	1.261e+04	1.381e+04	0.91	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
DLCS

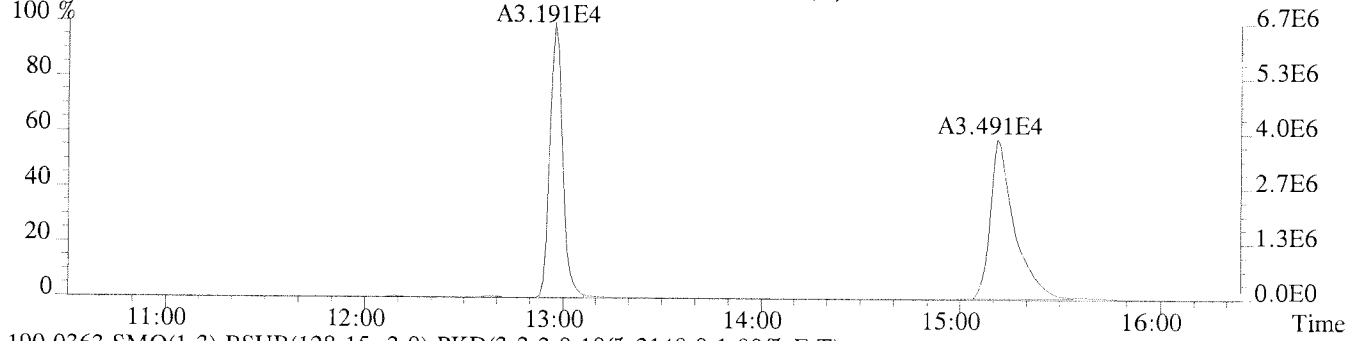
Run #8 Filename U224781 Samp: 1 Inj: 1 Acquired: 18-JAN-11 13:20:39
Processed: 18-JAN-11 16:21:171 LAB. ID: EQ1100013-03

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	6.65e+06	2.63e+03	2.5e+03	2.11e+06	2.14e+03	9.8e+02
2	4-MoCB	3.88e+06	2.63e+03	1.5e+03	1.21e+06	2.14e+03	5.7e+02
3	22'-DiCB	1.34e+06	4.84e+03	2.8e+02	8.84e+05	1.68e+04	5.3e+01
4	44'-DiCB	5.45e+06	3.53e+03	1.5e+03	3.39e+06	1.49e+04	2.3e+02
5	22'6'-TrCB	2.34e+06	2.27e+03	1.0e+03	2.20e+06	1.42e+03	1.5e+03
6	344'-TrCB	3.85e+06	2.27e+03	1.7e+03	3.63e+06	2.53e+03	1.4e+03
7	22'66'-TeCB	3.19e+06	1.23e+03	2.6e+03	4.13e+06	1.20e+03	3.4e+03
8	344'5'-TeCB	2.82e+06	1.47e+03	1.9e+03	3.57e+06	1.95e+03	1.8e+03
9	33'44'-TeCB	3.00e+06	1.47e+03	2.0e+03	3.80e+06	1.95e+03	1.9e+03
10	22'466'-PeCB	4.18e+06	9.48e+02	4.4e+03	2.75e+06	1.36e+03	2.0e+03
11	2'344'5'-PeCB	3.93e+06	6.48e+03	6.1e+02	2.49e+06	1.61e+04	1.5e+02
12	23'44'5'-PeCB	3.90e+06	6.48e+03	6.0e+02	2.47e+06	1.61e+04	1.5e+02
13	2344'5'-PeCB	3.73e+06	6.48e+03	5.8e+02	2.38e+06	1.61e+04	1.5e+02
14	233'44'-PeCB	3.77e+06	6.48e+03	5.8e+02	2.35e+06	1.61e+04	1.5e+02
15	33'44'5'-PeCB	3.02e+06	6.48e+03	4.7e+02	1.89e+06	1.61e+04	1.2e+02
16	22'44'66'-HxCB	3.83e+06	1.08e+03	3.5e+03	3.10e+06	8.24e+02	3.8e+03
17	23'44'55'-HxCB	2.95e+06	2.04e+03	1.4e+03	2.41e+06	1.76e+03	1.4e+03
18	233'44'5'-HxCB	4.06e+06	2.04e+03	2.0e+03	3.24e+06	1.76e+03	1.8e+03
19	33'44'55'-HxCB	2.30e+06	2.04e+03	1.1e+03	1.91e+06	1.76e+03	1.1e+03
20	22'34'566'-HpCB	2.68e+06	9.12e+02	2.9e+03	2.58e+06	1.52e+03	1.7e+03
21	233'44'55'-HpCB	1.72e+06	1.43e+03	1.2e+03	1.67e+06	1.36e+03	1.2e+03
22	22'33'55'66'-OxCB	1.97e+06	9.80e+02	2.0e+03	2.20e+06	1.29e+03	1.7e+03
23	233'44'55'6-OxCB	1.53e+06	9.80e+02	1.6e+03	1.71e+06	1.29e+03	1.3e+03
24	22'33'4'55'66'-NoCB	1.52e+06	1.08e+03	1.4e+03	1.96e+06	1.27e+03	1.5e+03
25	22'33'44'55'6-NoCB	9.85e+05	1.01e+03	9.8e+02	1.26e+06	1.04e+03	1.2e+03
26	DeCB	1.64e+06	8.24e+02	2.0e+03	1.39e+06	7.32e+02	1.9e+03
27	13C-2-MoCB	9.89e+06	2.59e+03	3.8e+03	3.19e+06	3.33e+04	9.6e+01
28	13C-4-MoCB	5.87e+06	2.59e+03	2.3e+03	1.86e+06	3.33e+04	5.6e+01
29	13C-22'-DiCB	2.50e+06	7.18e+03	3.5e+02	1.61e+06	2.89e+03	5.6e+02
30	13C-44'-DiCB	8.19e+06	9.99e+03	8.2e+02	5.09e+06	1.77e+03	2.9e+03
31	13C-22'6'-TrCB	3.79e+06	4.82e+04	7.8e+01	3.62e+06	2.42e+04	1.5e+02
32	13C-344'-TrCB	5.73e+06	1.15e+04	5.0e+02	5.25e+06	6.77e+03	7.8e+02
33	13C-22'66'-TeCB	5.44e+06	2.14e+03	2.5e+03	6.84e+06	1.22e+03	5.6e+03
34	13C-344'5'-TeCB	4.13e+06	2.14e+03	1.9e+03	5.17e+06	1.58e+03	3.3e+03
35	13C-33'44'-TeCB	4.64e+06	2.14e+03	2.2e+03	5.75e+06	1.58e+03	3.7e+03
36	13C-22'466'-PeCB	7.49e+06	1.24e+03	6.0e+03	4.76e+06	9.92e+02	4.8e+03
37	13C-2'344'5'-PeCB	6.03e+06	3.71e+03	1.6e+03	3.78e+06	1.22e+04	3.1e+02
38	13C-23'44'5'-PeCB	5.99e+06	3.71e+03	1.6e+03	3.76e+06	1.22e+04	3.1e+02
39	13C-2344'5'-PeCB	5.75e+06	3.71e+03	1.5e+03	3.58e+06	1.22e+04	2.9e+02
40	13C-233'44'-PeCB	5.81e+06	3.71e+03	1.6e+03	3.66e+06	1.22e+04	3.0e+02
41	13C-33'44'5'-PeCB	4.89e+06	3.71e+03	1.3e+03	3.08e+06	1.22e+04	2.5e+02
42	13C-22'44'66'-HxCB	7.05e+06	7.36e+02	9.6e+03	5.65e+06	1.26e+03	4.5e+03
43	13C-23'44'55'-HxCB	4.63e+06	1.96e+03	2.4e+03	3.61e+06	2.39e+03	1.5e+03
44	13C-233'44'5'-HxCB	6.42e+06	1.96e+03	3.3e+03	5.06e+06	2.39e+03	2.1e+03
45	13C-33'44'55'-HxCB	3.69e+06	1.96e+03	1.9e+03	2.89e+06	2.39e+03	1.2e+03
46	13C-22'34'566'-HpCB	5.07e+06	2.22e+03	2.3e+03	4.86e+06	1.94e+03	2.5e+03
47	13C-233'44'55'-HpCB	3.03e+06	1.32e+03	2.3e+03	2.88e+06	1.14e+03	2.5e+03
48	13C-22'33'55'66'-OxCB	3.72e+06	9.32e+02	4.0e+03	4.20e+06	9.68e+02	4.3e+03
49	13C-233'44'55'6-OxCB	2.97e+06	9.32e+02	3.2e+03	3.29e+06	9.68e+02	3.4e+03
50	13C-22'33'4'55'66'-NoCB	2.83e+06	1.09e+03	2.6e+03	3.58e+06	1.20e+03	3.0e+03
51	13C-22'33'44'55'6-NoCB	1.82e+06	1.12e+03	1.6e+03	2.30e+06	1.13e+03	2.0e+03
52	13C-DeCB	2.59e+06	1.16e+03	2.2e+03	2.16e+06	7.08e+02	3.1e+03

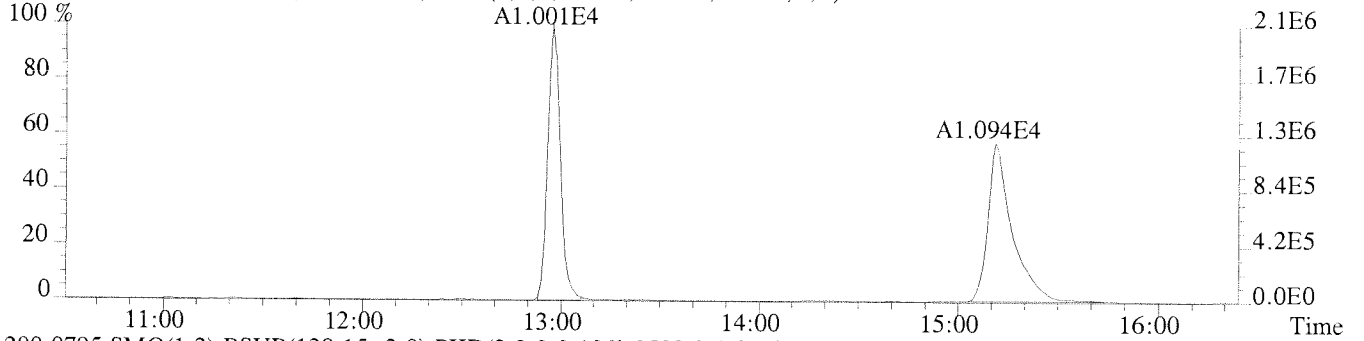
53	13C-244'-TrCB	7.40e+06	1.15e+04	6.4e+02	6.84e+06	6.77e+03	1.0e+03
54	13C-233'55'-PeCB	6.13e+06	2.34e+03	2.6e+03	3.90e+06	1.31e+03	3.0e+03
55	13C-22'33'55'6'-HpCB	3.28e+06	2.22e+03	1.5e+03	3.15e+06	1.94e+03	1.6e+03
56	13C-2,5-DiCB	1.43e+07	9.99e+03	1.4e+03	8.94e+06	1.77e+03	5.1e+03
57	13C-22'55'-TeCB	4.78e+06	1.34e+03	3.6e+03	6.04e+06	1.04e+03	5.8e+03
58	13C-22'4'55'-PeCB	5.98e+06	2.34e+03	2.6e+03	3.86e+06	1.31e+03	3.0e+03
59	13C-22'3'44'5'-HxCB	6.16e+06	1.45e+03	4.3e+03	4.81e+06	1.76e+03	2.7e+03
60	13C-22'33'44'55'-OcCB	2.61e+06	9.32e+02	2.8e+03	2.87e+06	9.68e+02	3.0e+03

File:U224781 #1-379 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS

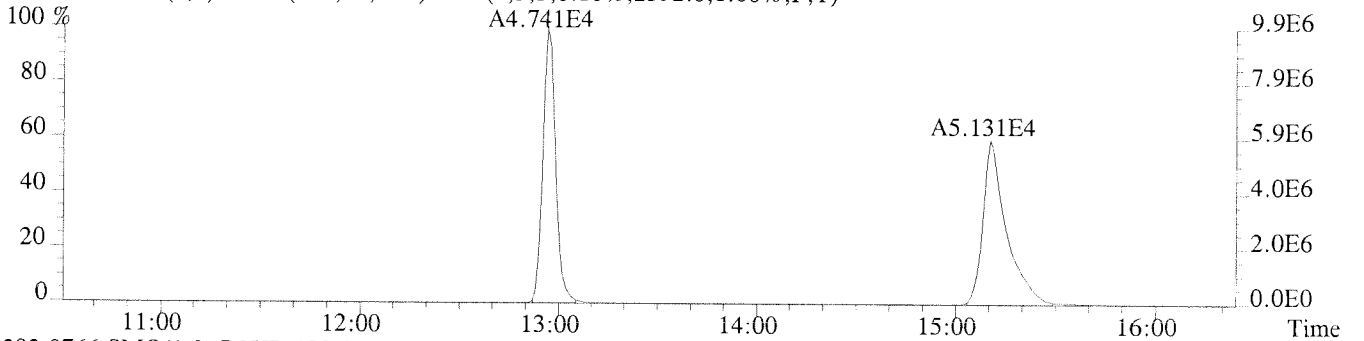
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2632.0,1.00%,F,T)



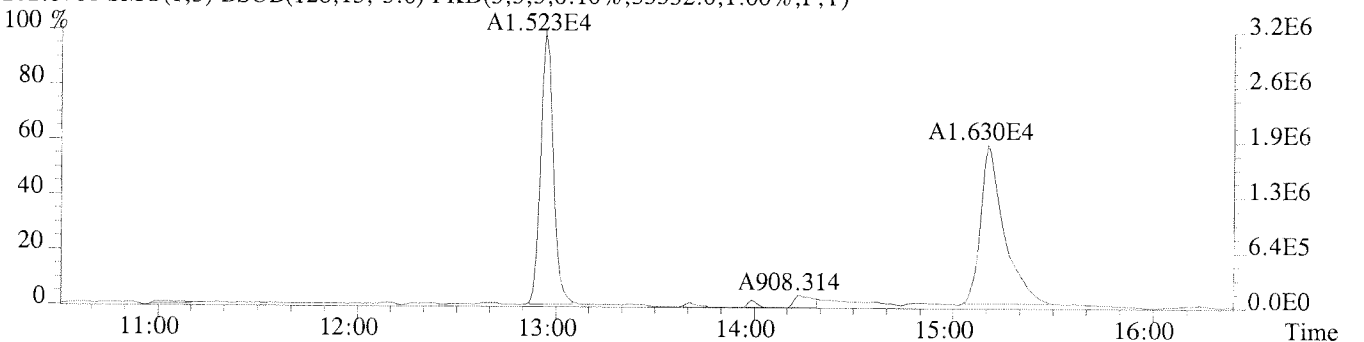
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2140.0,1.00%,F,T)



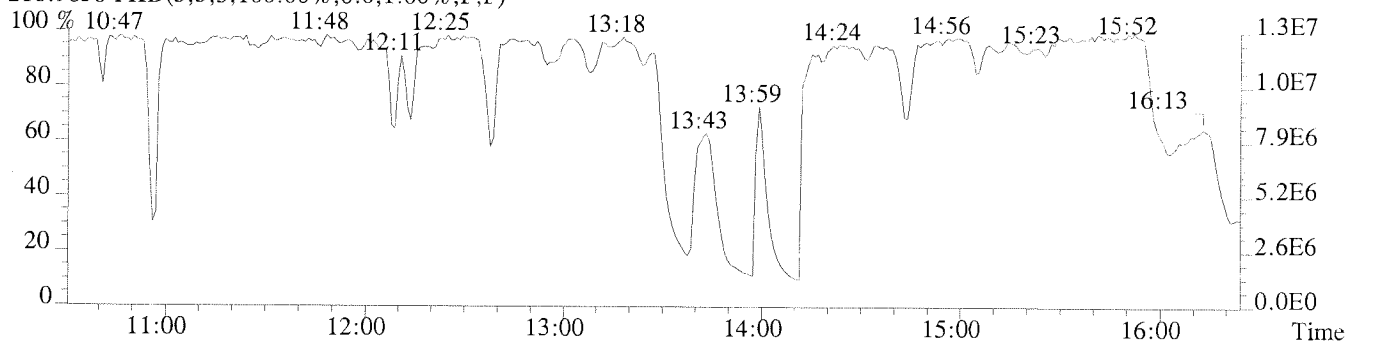
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2592.0,1.00%,F,T)



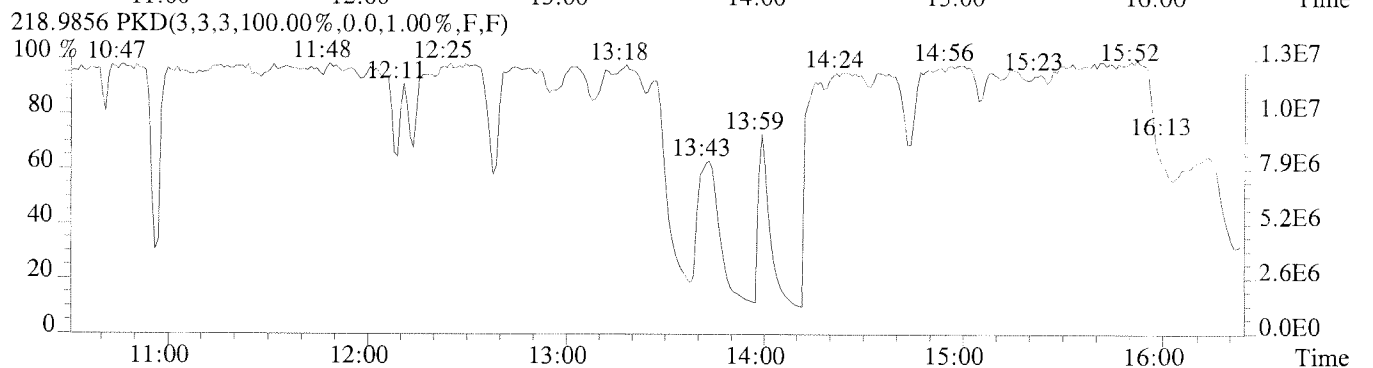
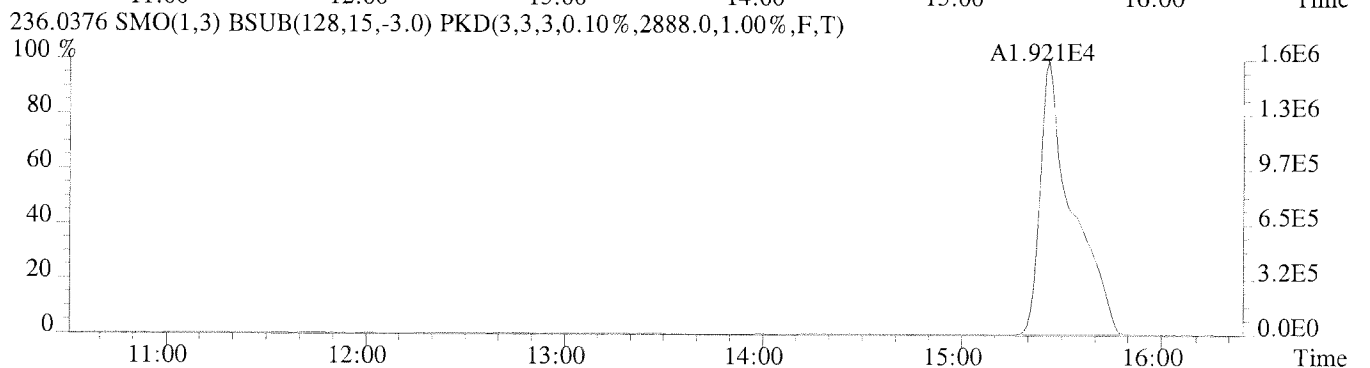
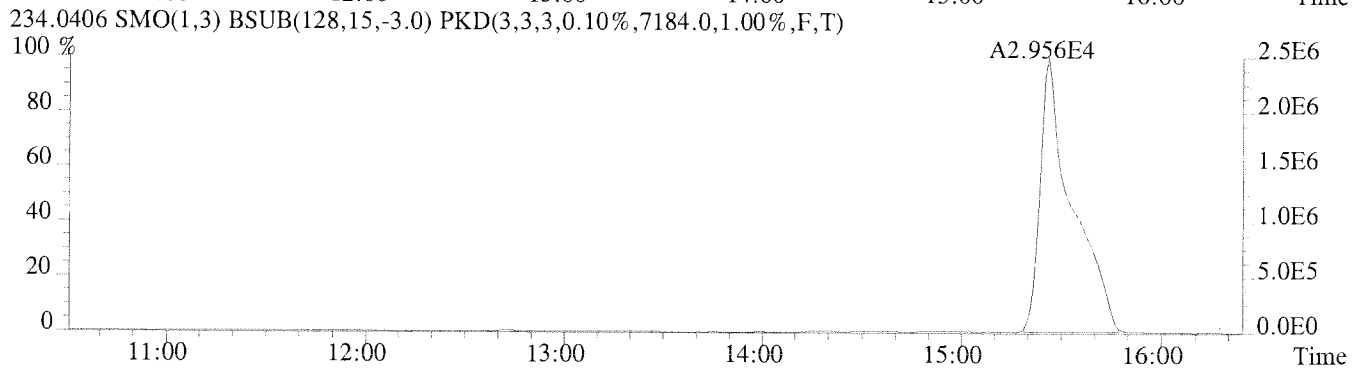
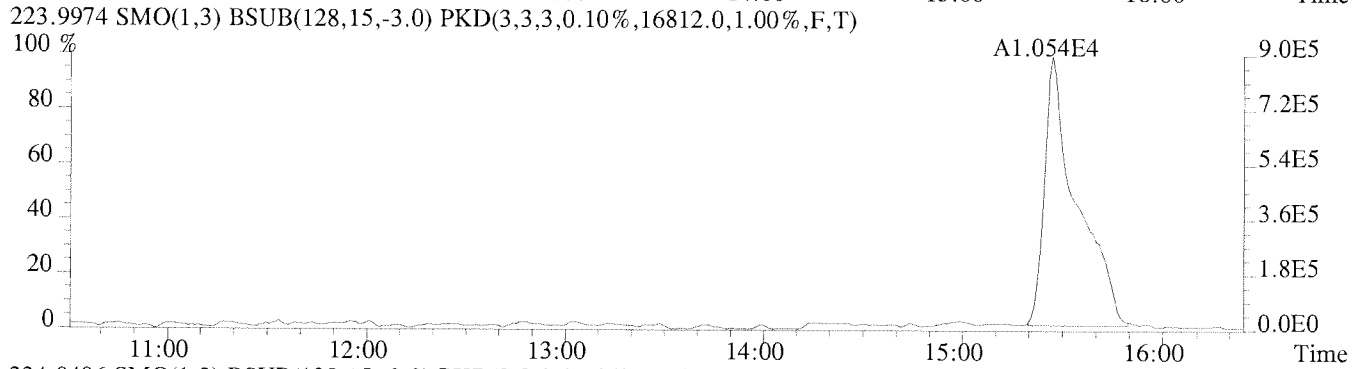
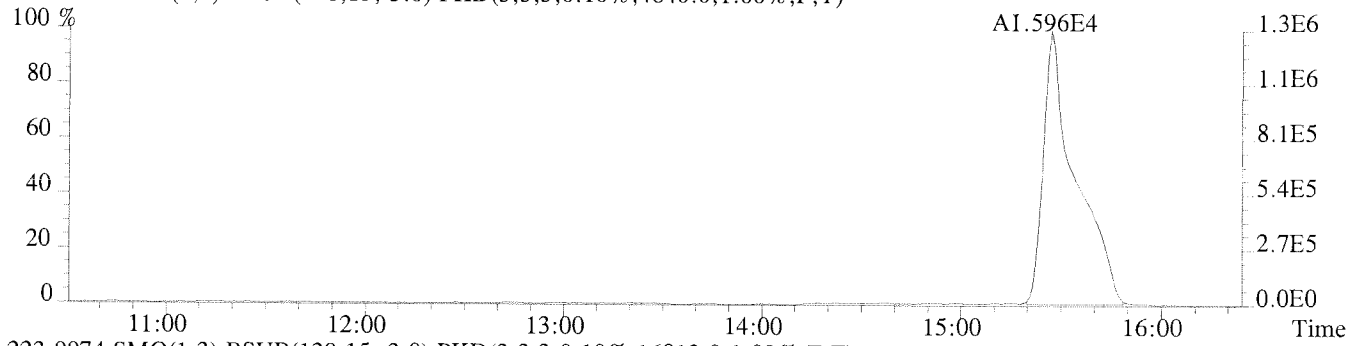
202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,33332.0,1.00%,F,T)



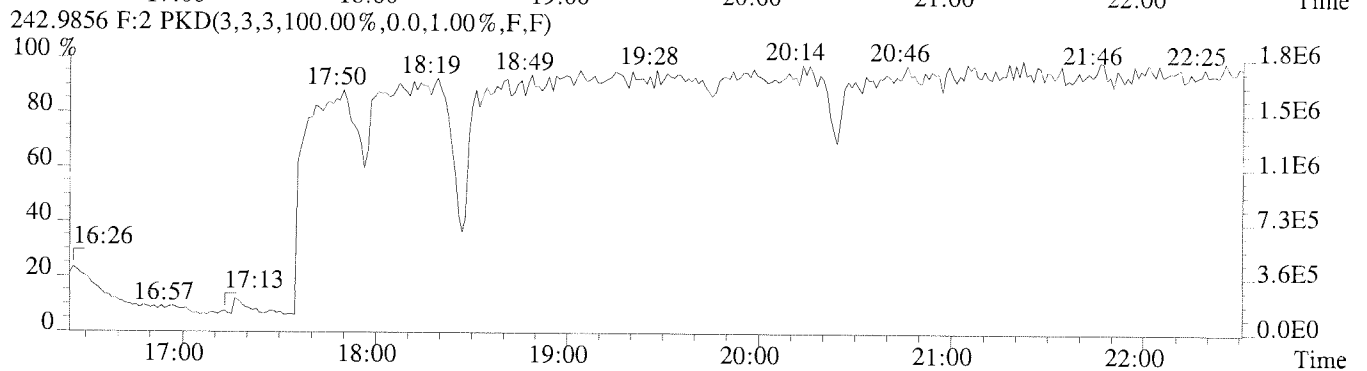
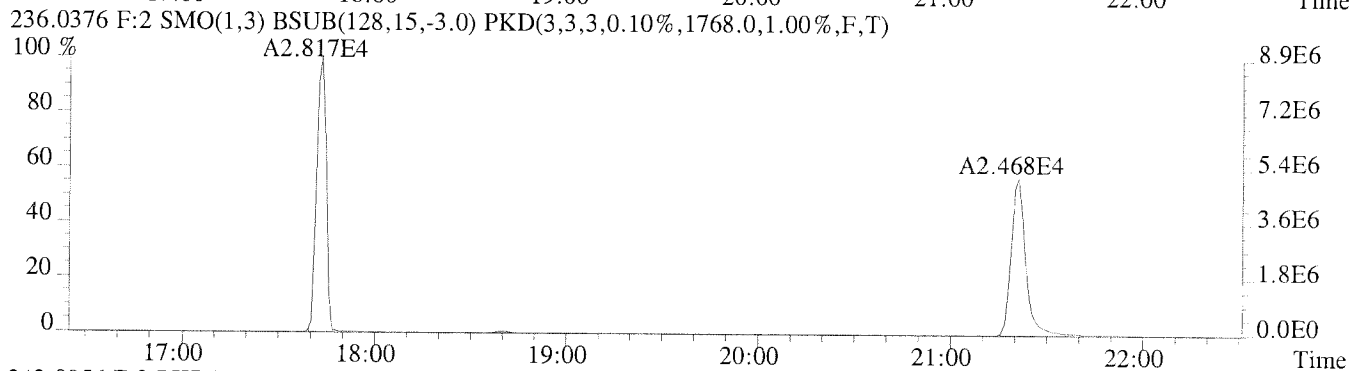
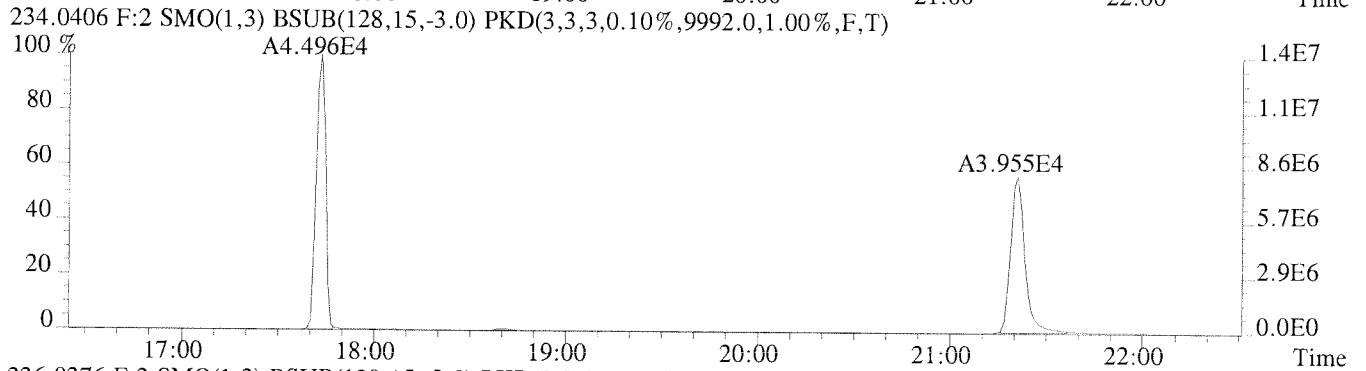
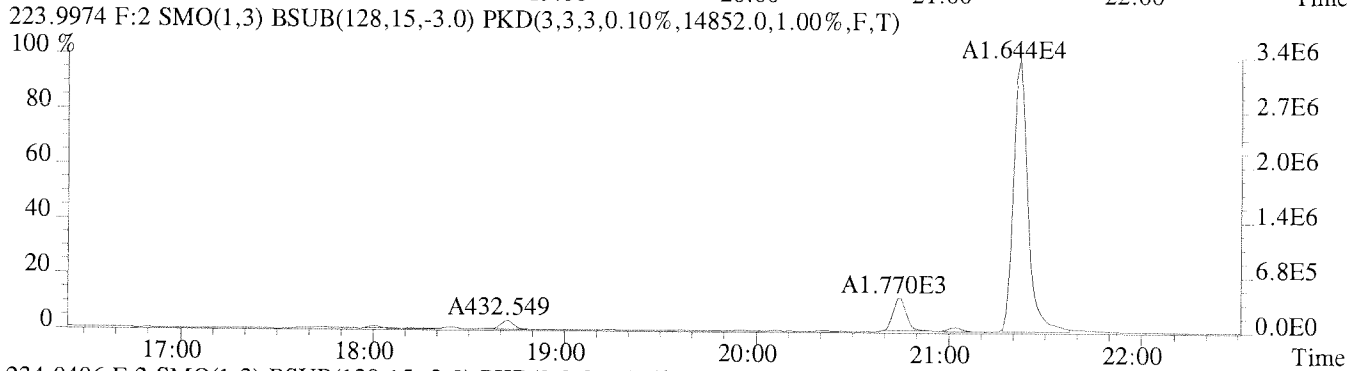
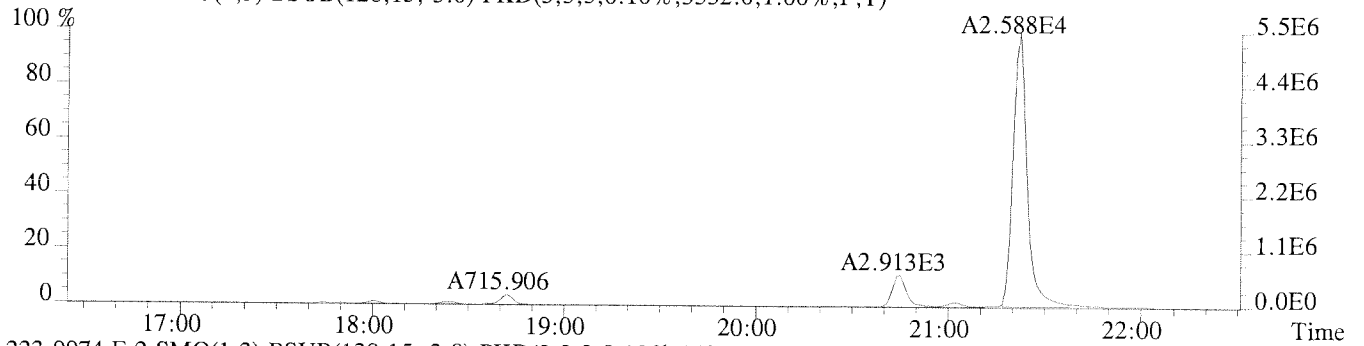
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U224781 #1-379 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4840.0,1.00%,F,T)

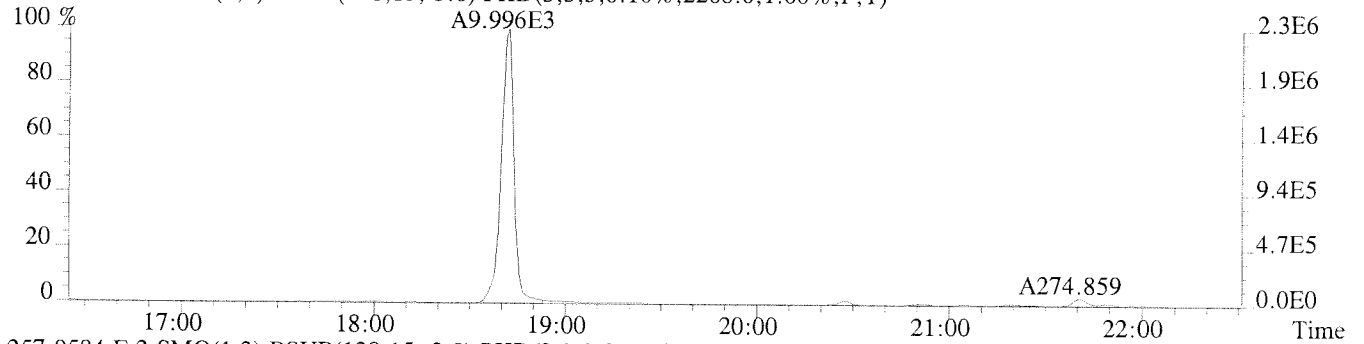


File:U224781 #1-337 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3532.0,1.00%,F,T)

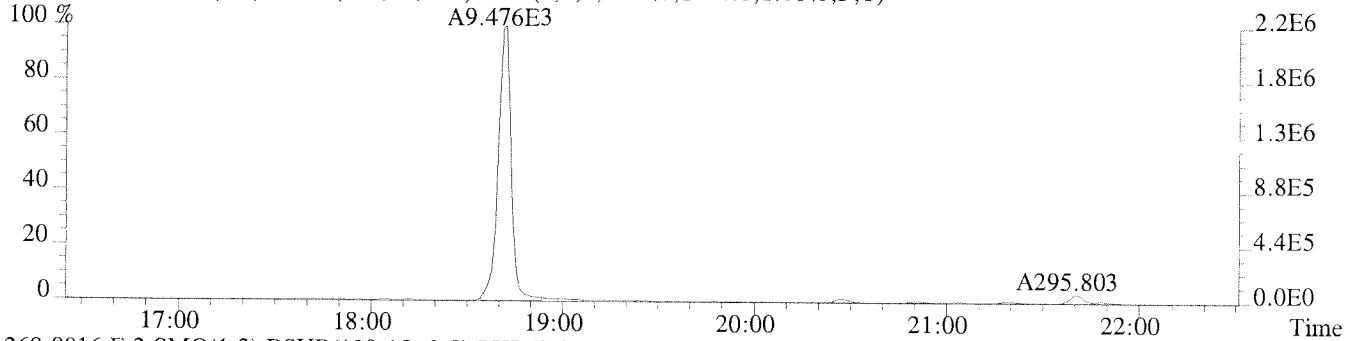


File:U224781 #1-337 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS

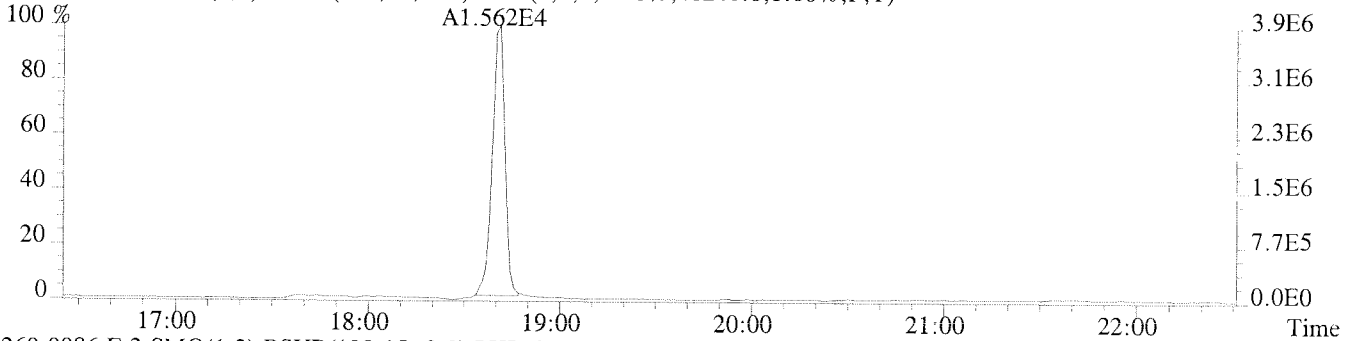
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2268.0,1.00%,F,T)



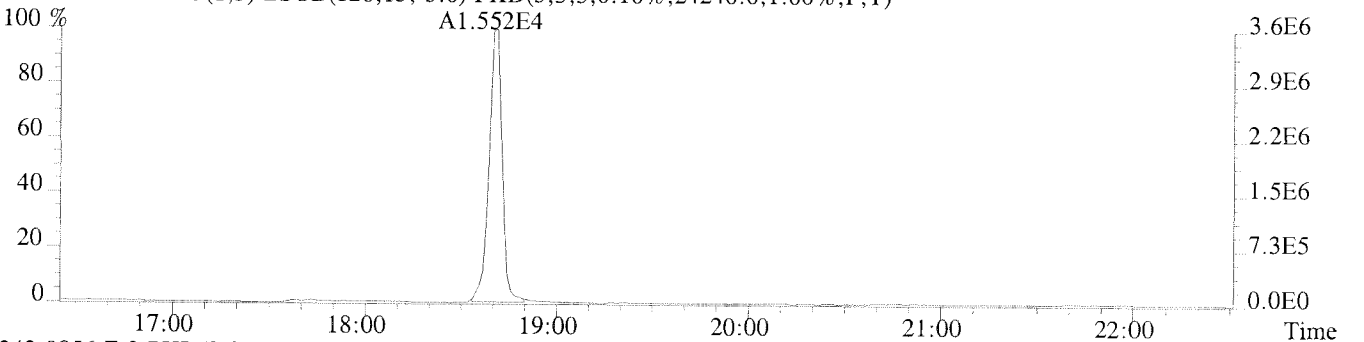
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1424.0,1.00%,F,T)



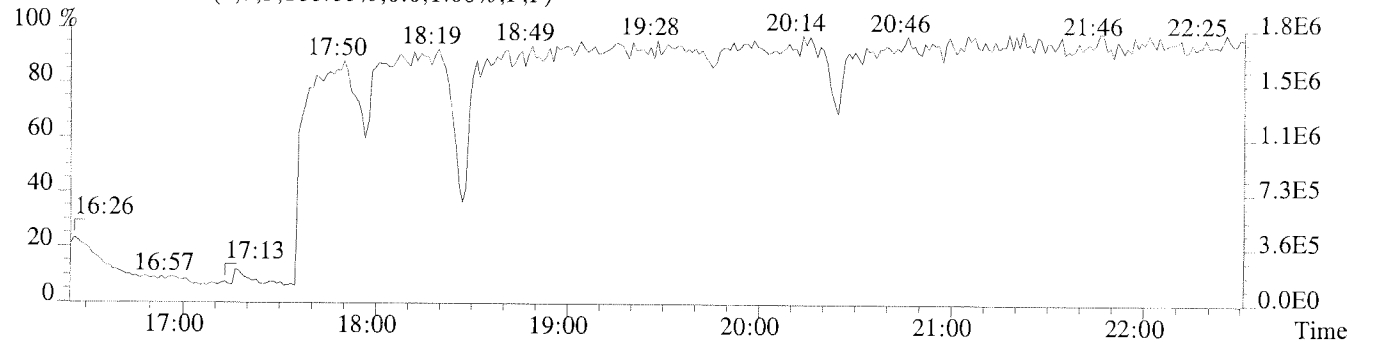
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,48240.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,24240.0,1.00%,F,T)

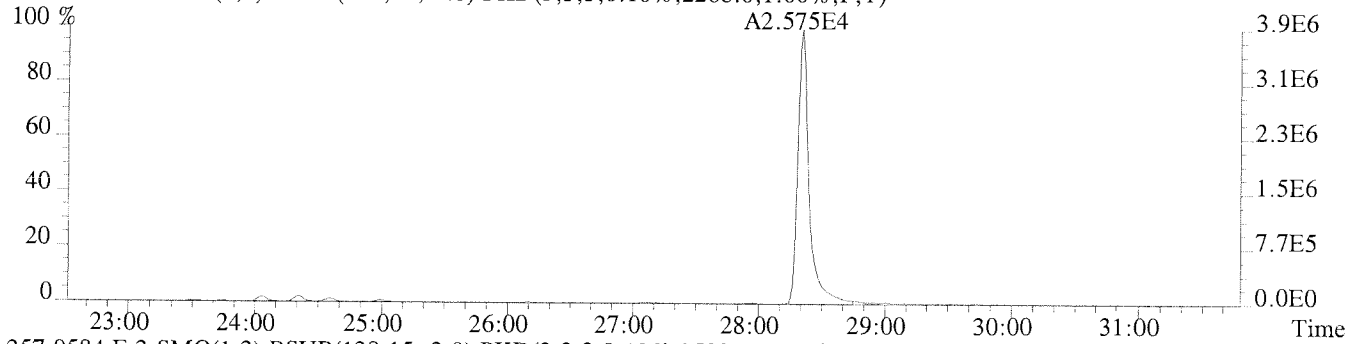


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

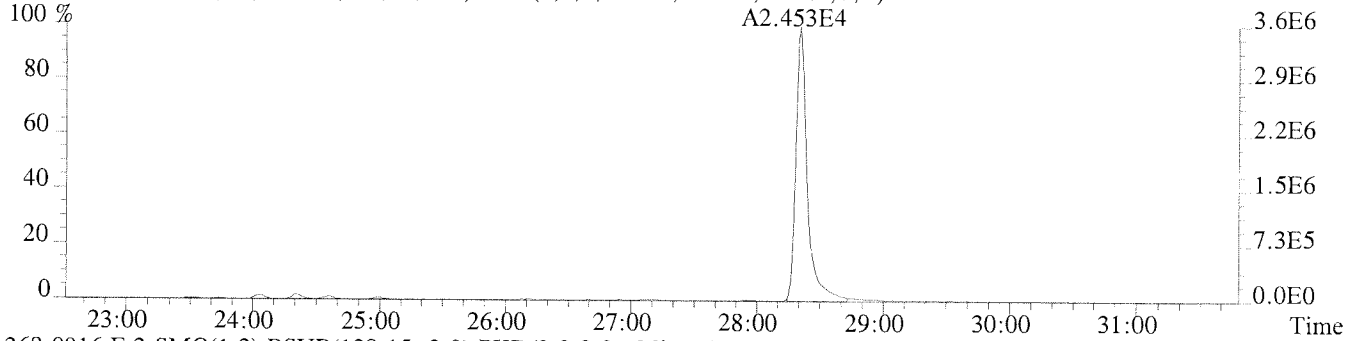


File:U224781 #1-594 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS

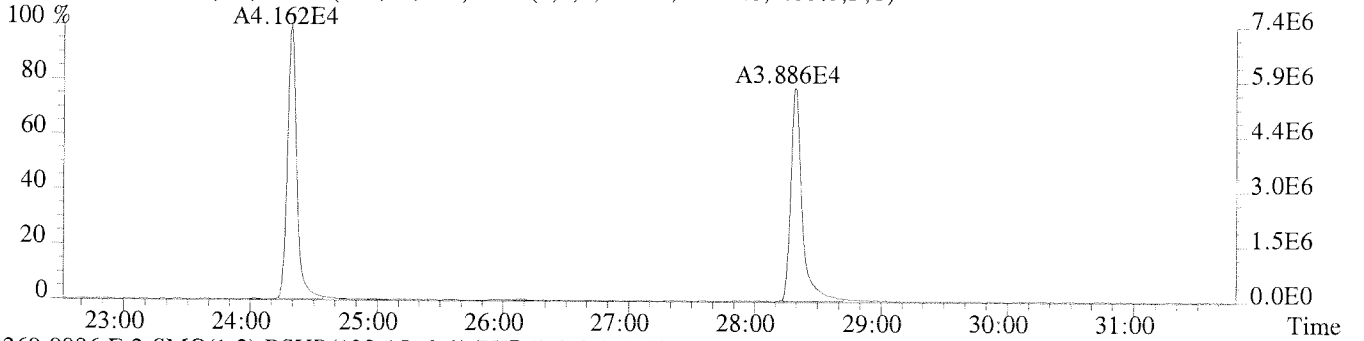
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2268.0,1.00%,F,T)



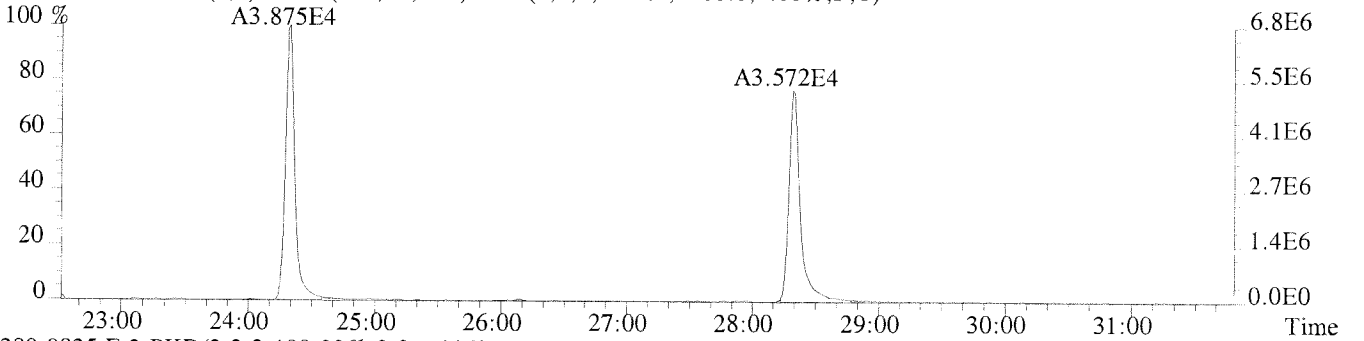
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2528.0,1.00%,F,T)



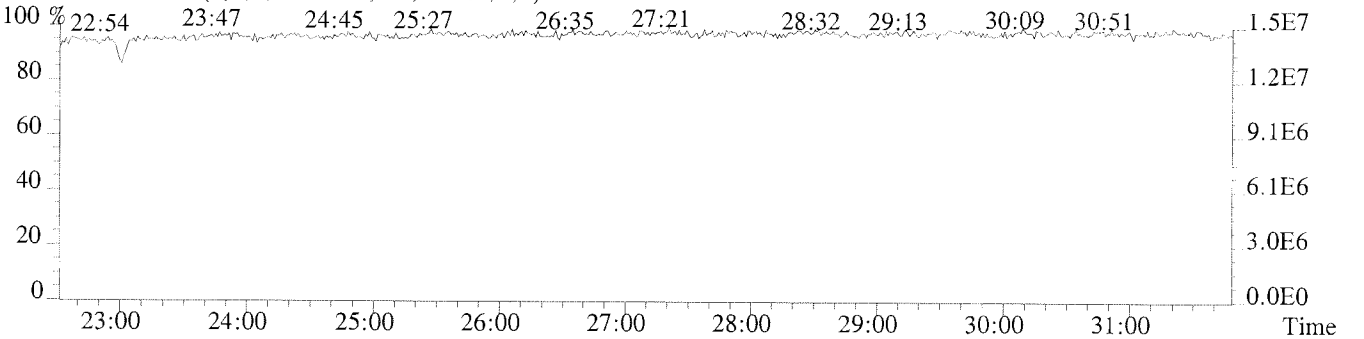
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11488.0,1.00%,F,T)



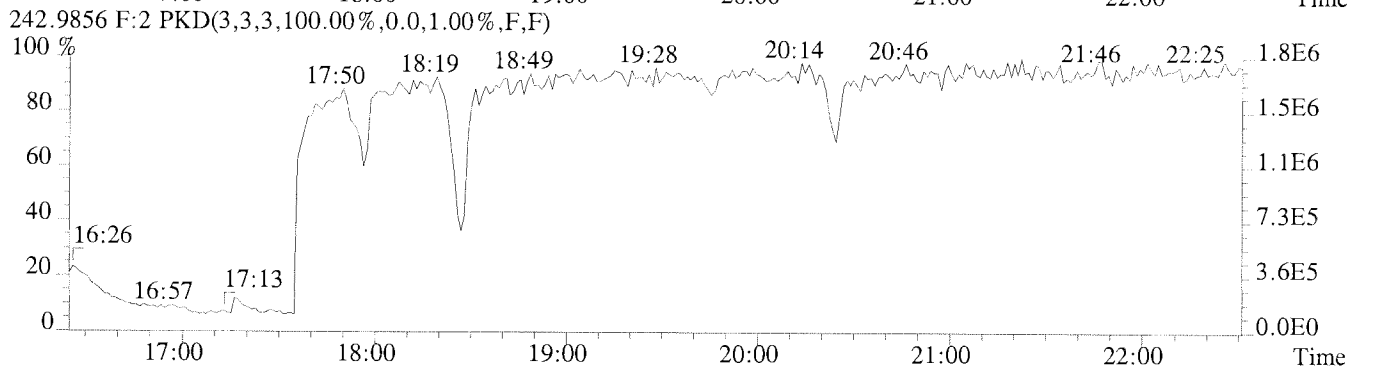
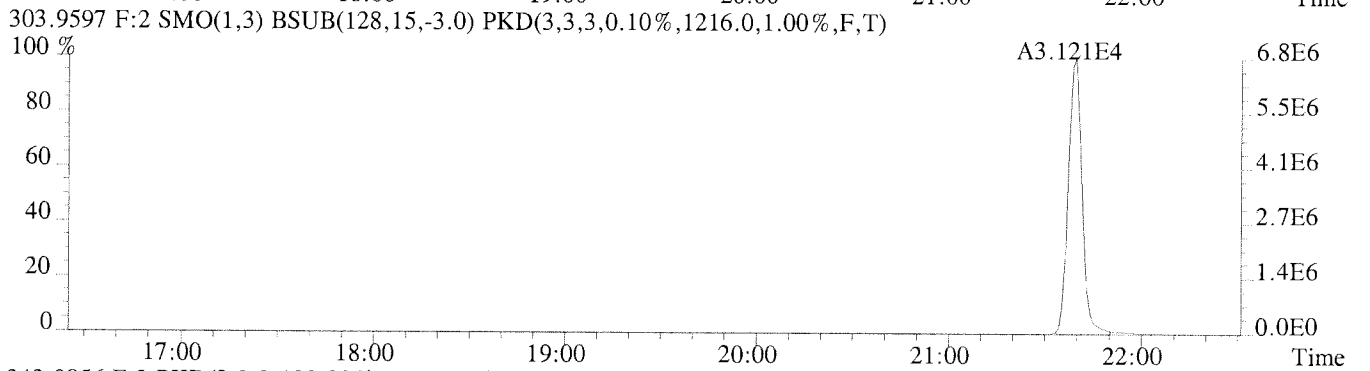
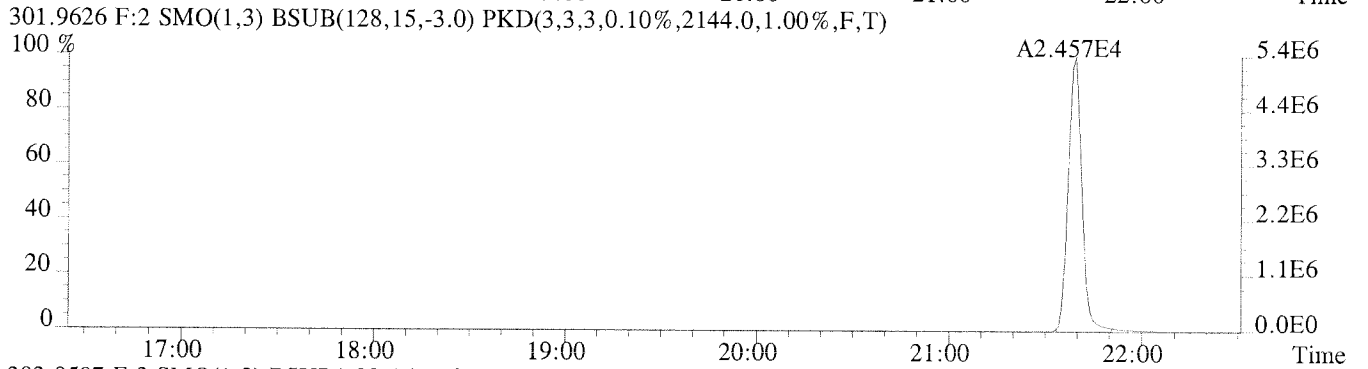
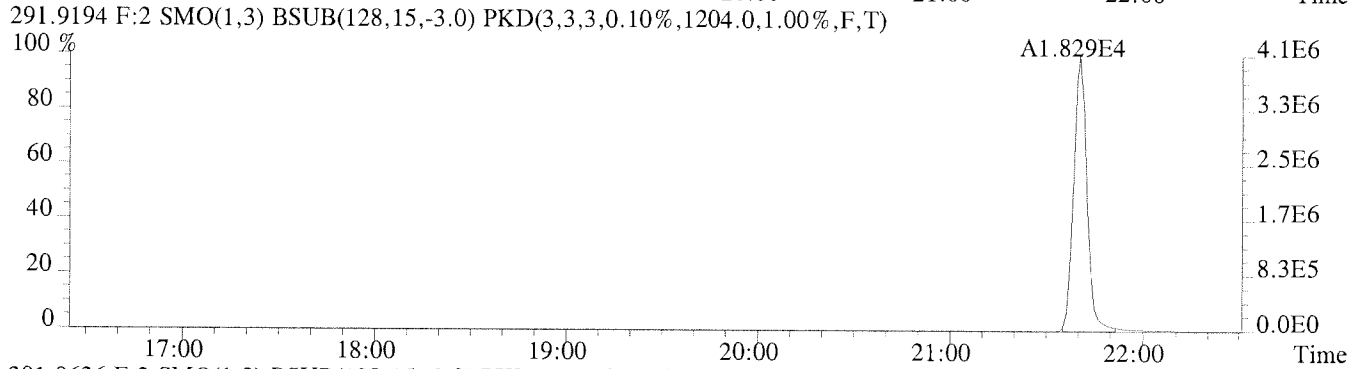
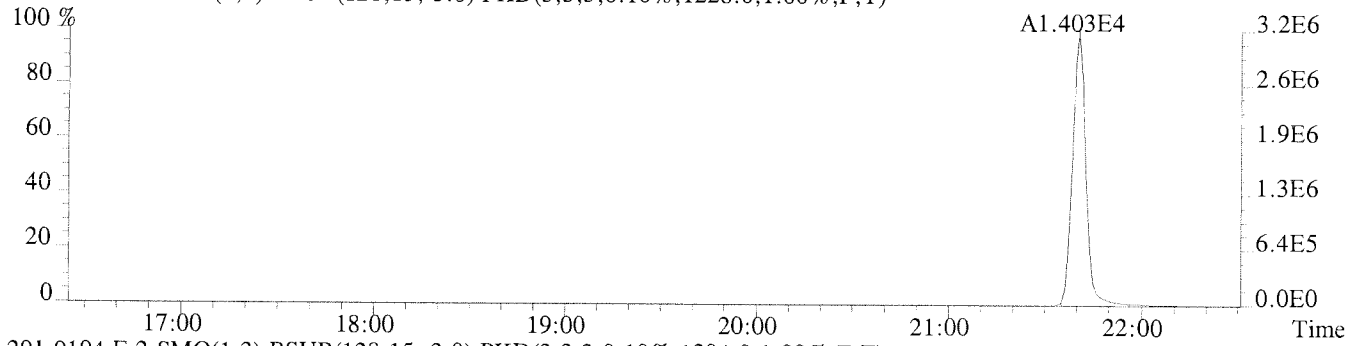
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6768.0,1.00%,F,T)



280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

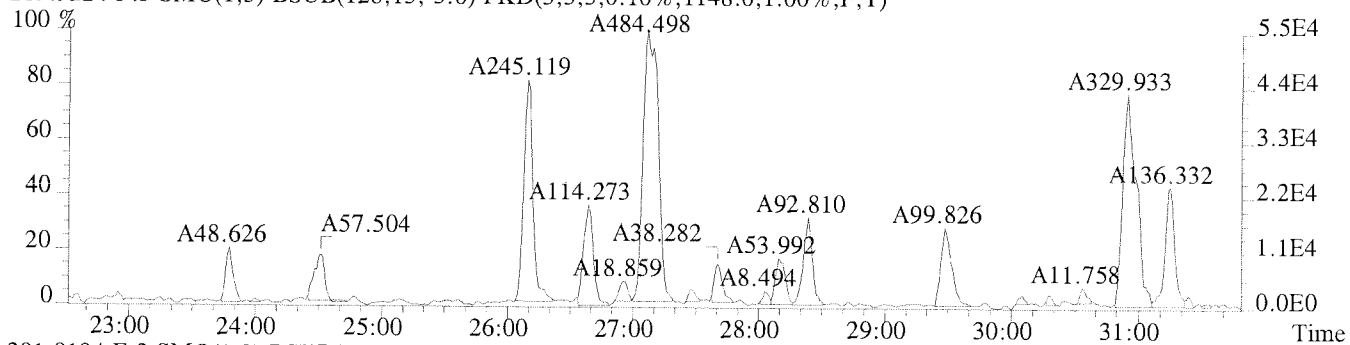


File:U224781 #1-337 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1228.0,1.00%,F,T)

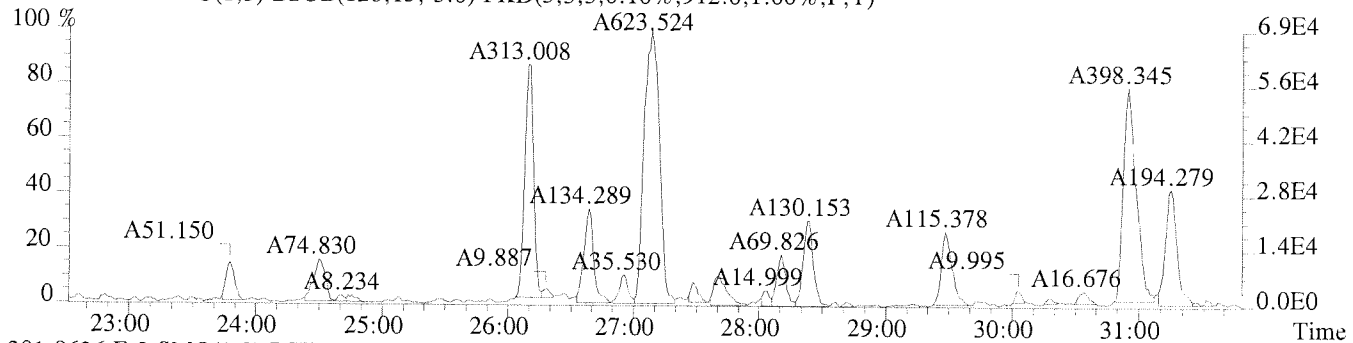


File:U224781 #1-594 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS

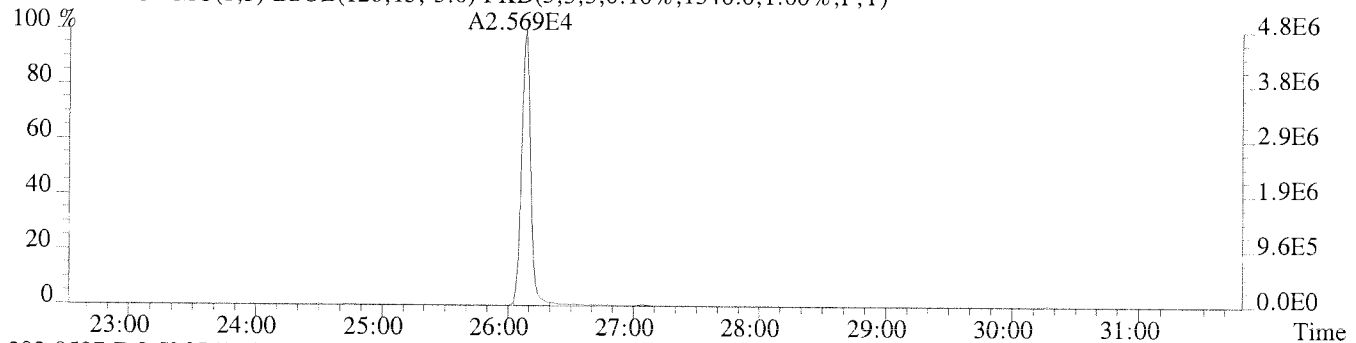
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1148.0,1.00%,F,T)



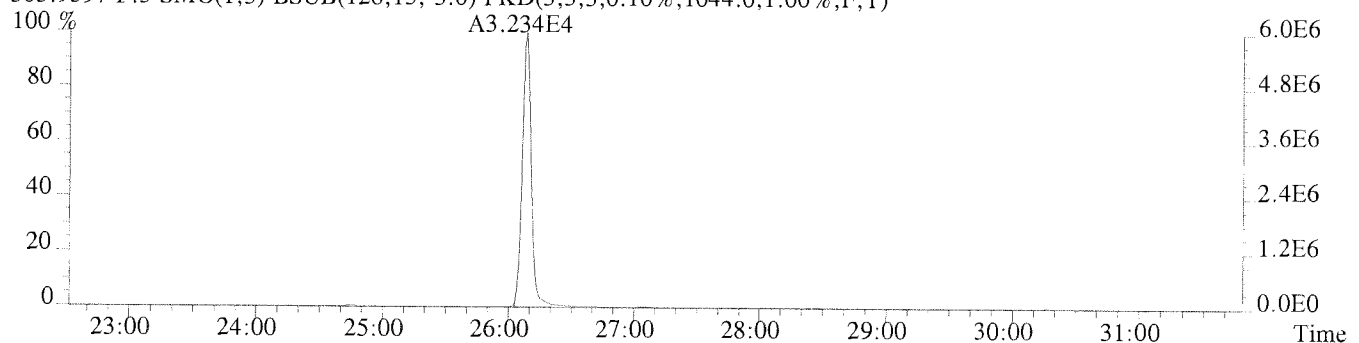
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,912.0,1.00%,F,T)



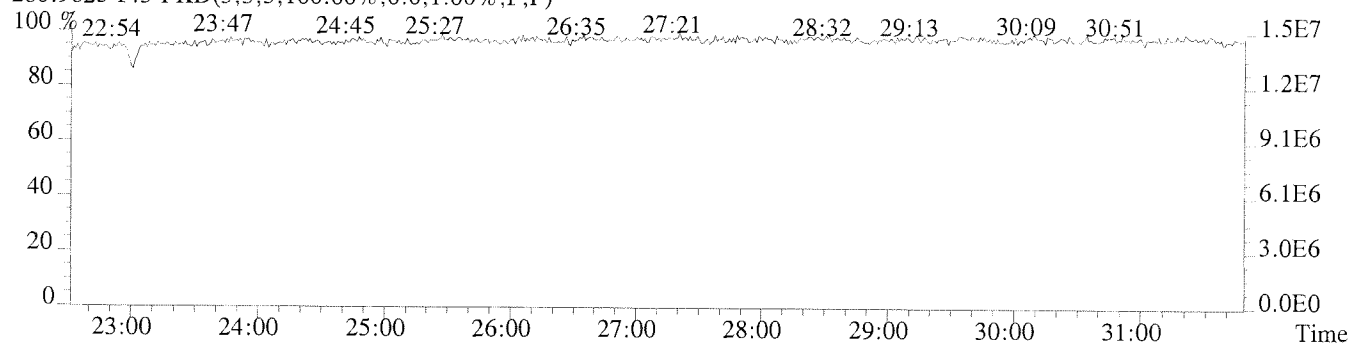
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1340.0,1.00%,F,T)



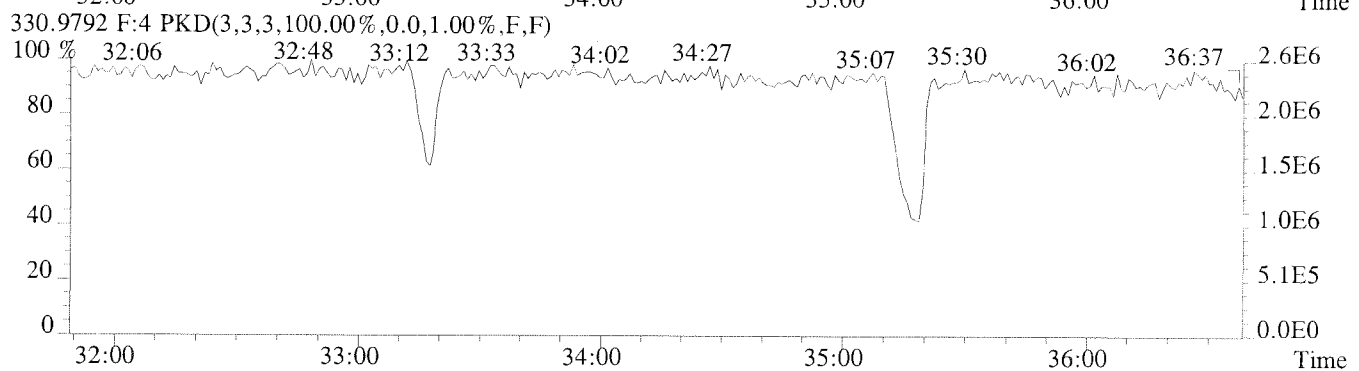
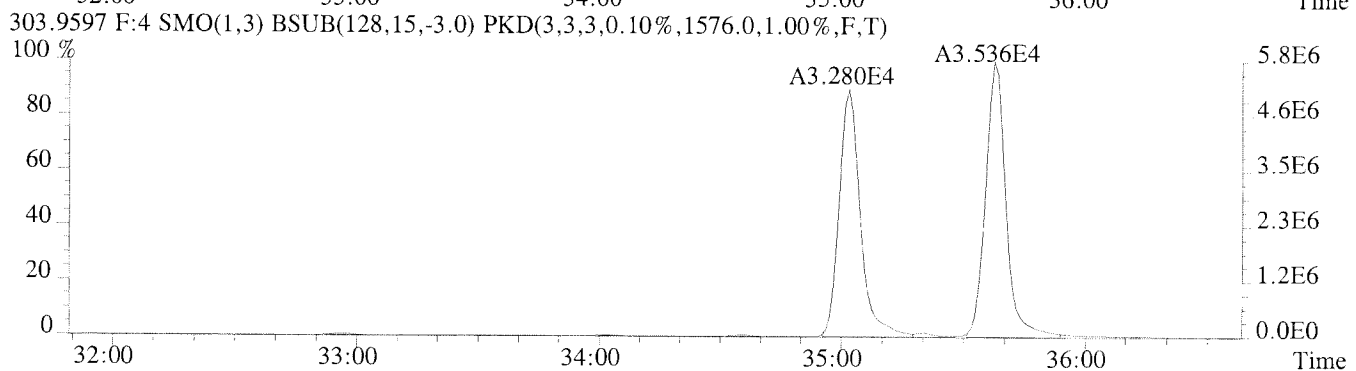
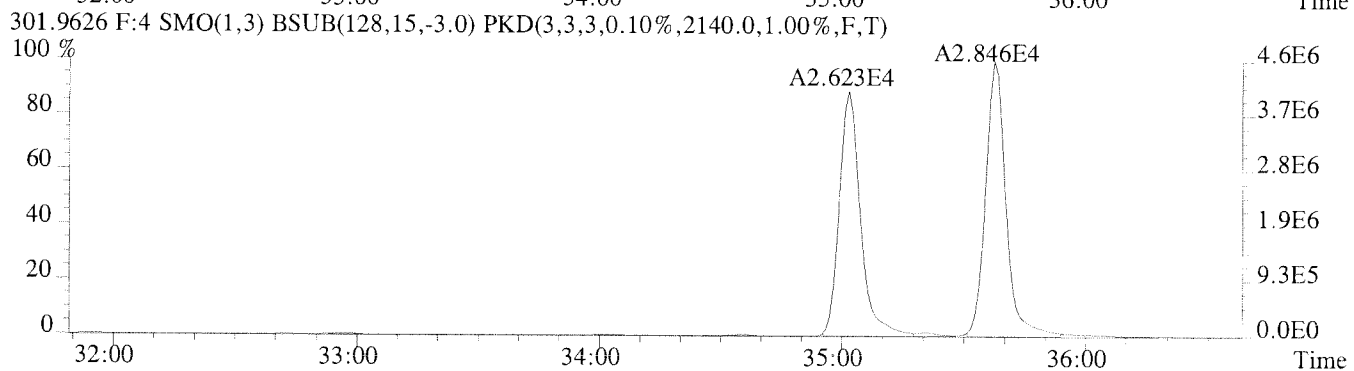
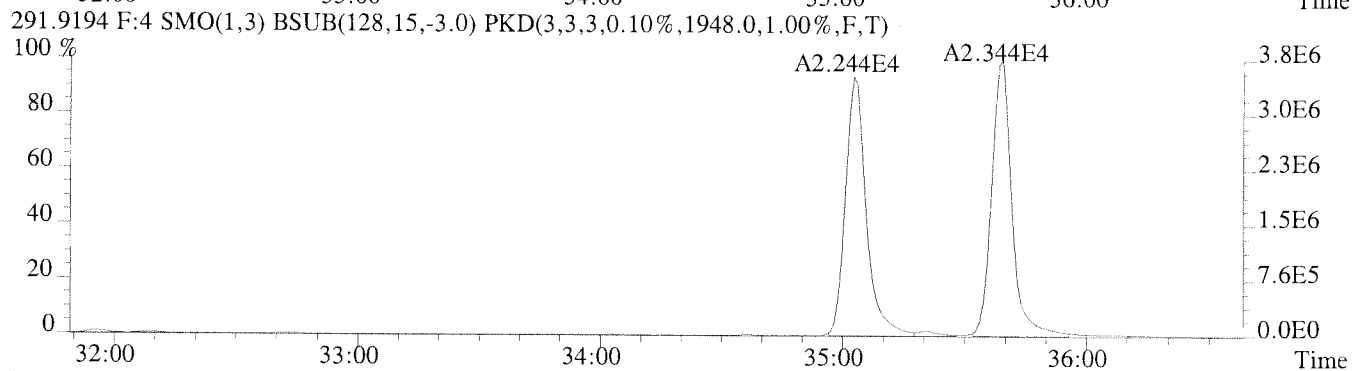
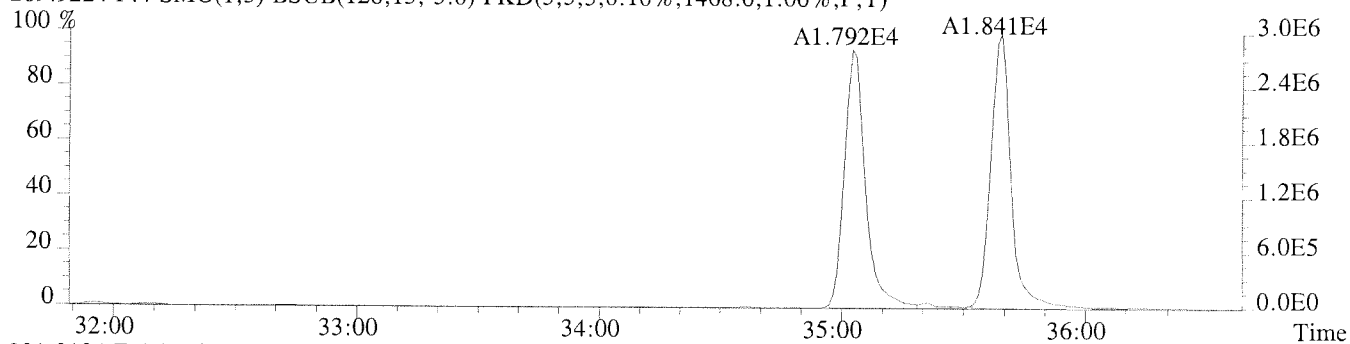
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1044.0,1.00%,F,T)



280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

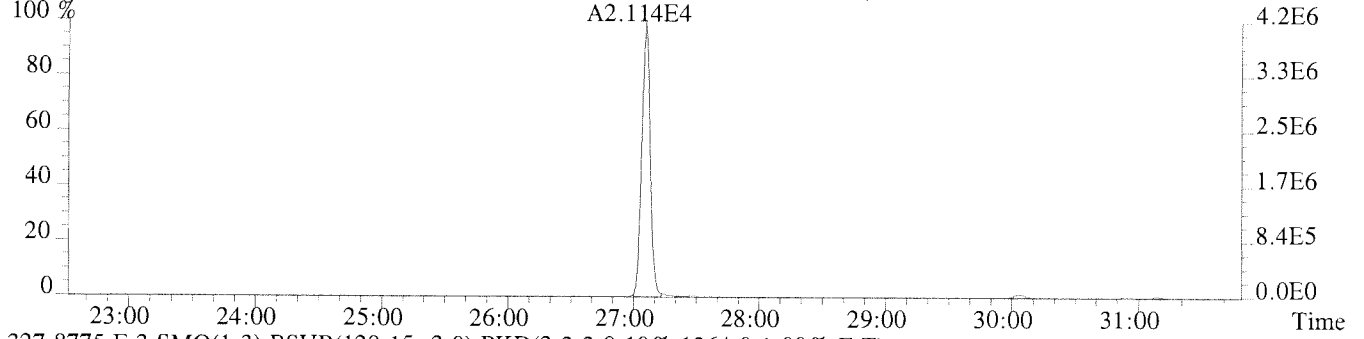


File:U224781 #1-309 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS

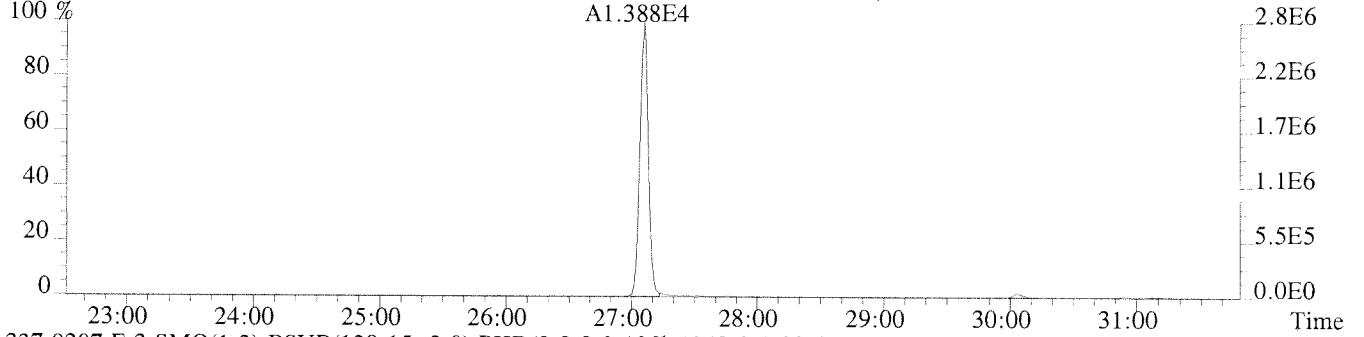


File:U224781 #1-594 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS

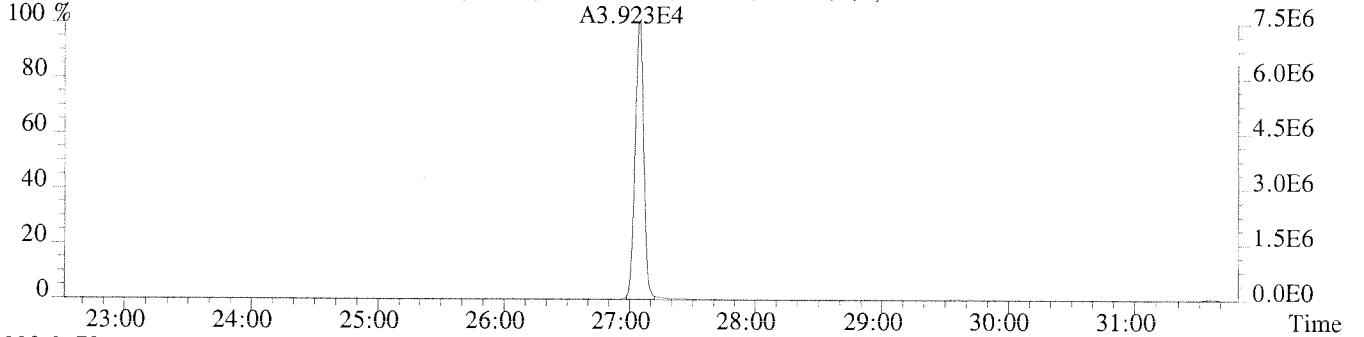
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,948.0,1.00%,F,T)



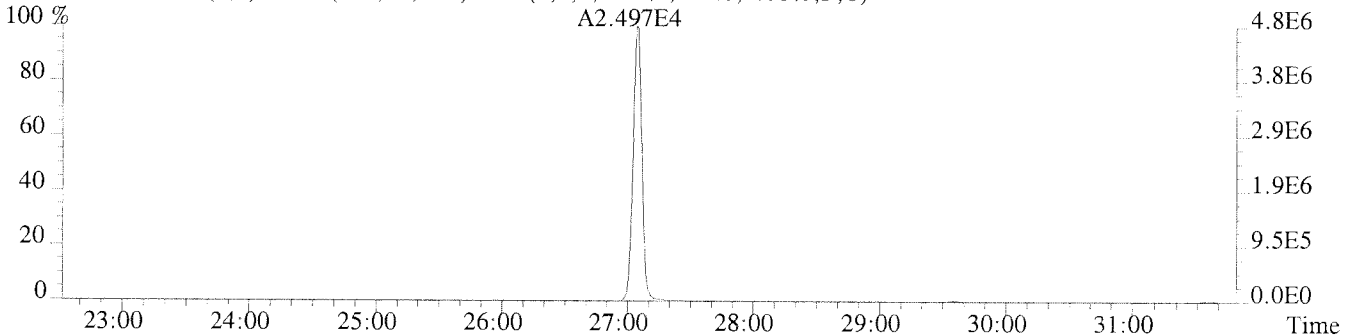
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1364.0,1.00%,F,T)



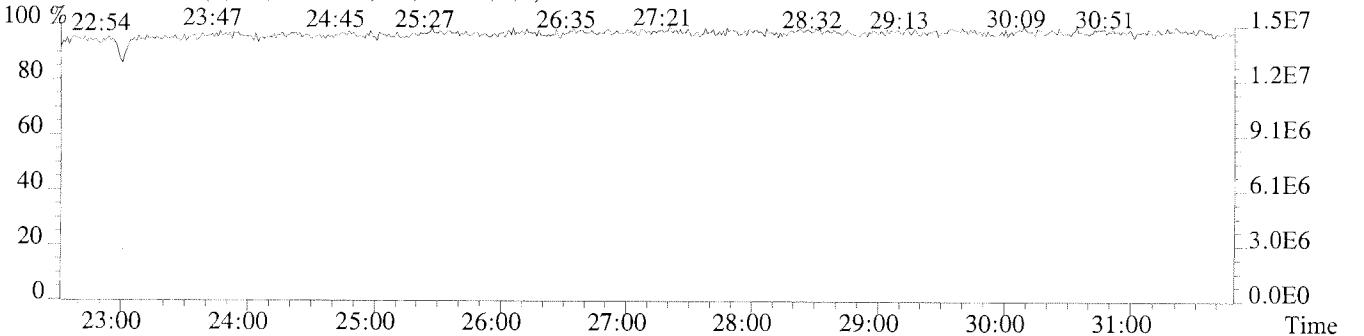
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1240.0,1.00%,F,T)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,992.0,1.00%,F,T)

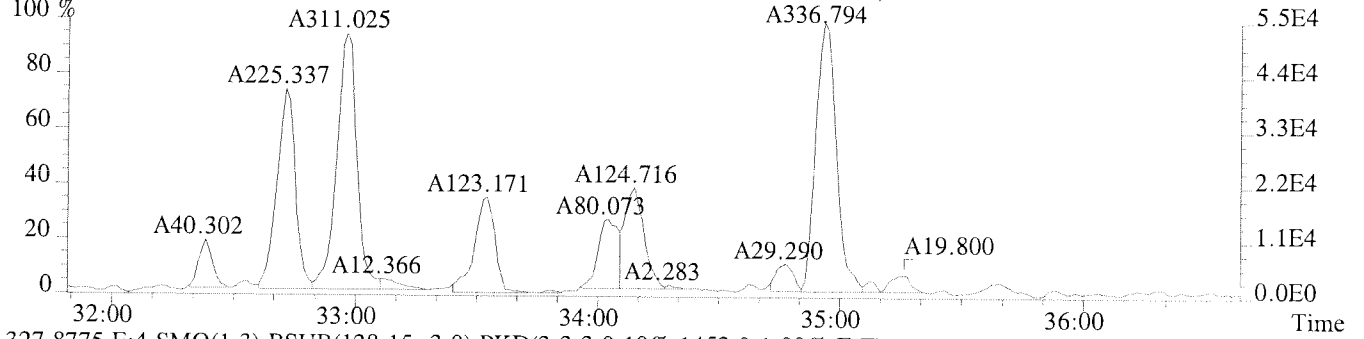


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

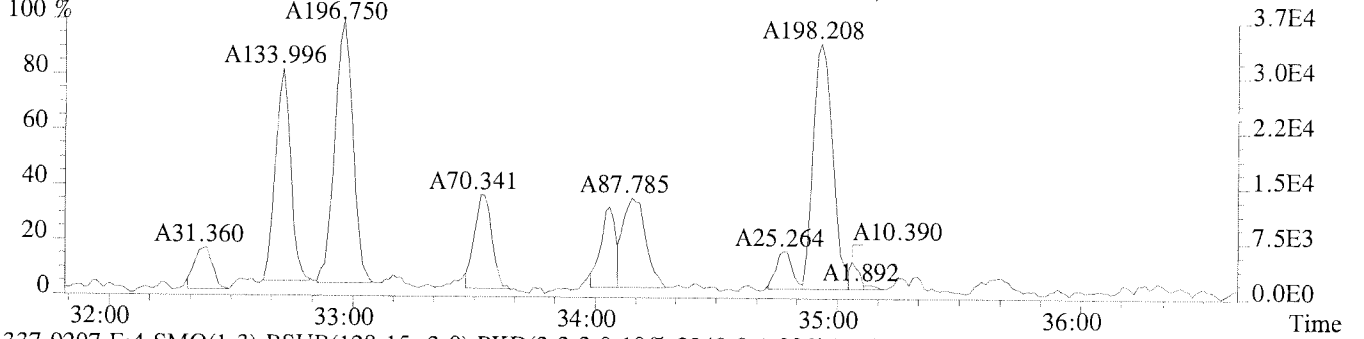


File:U224781 #1-309 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS

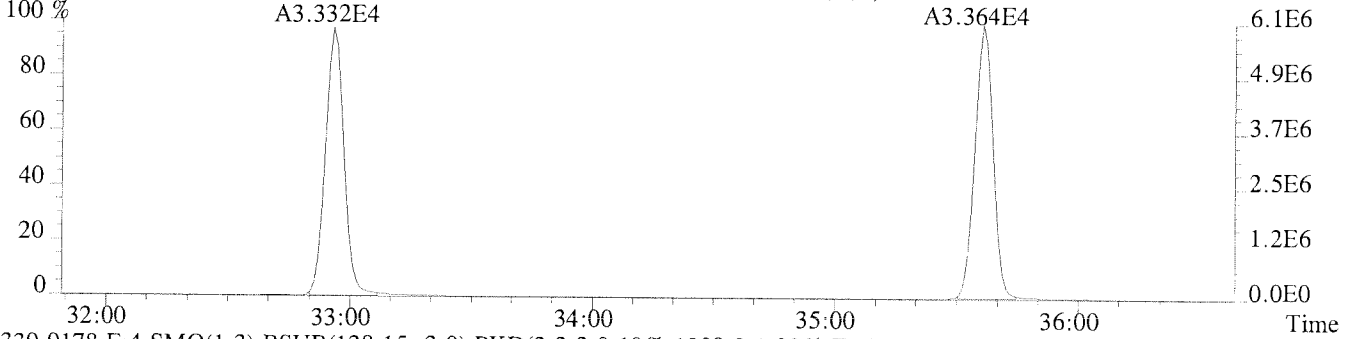
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1320.0,1.00%,F,T)



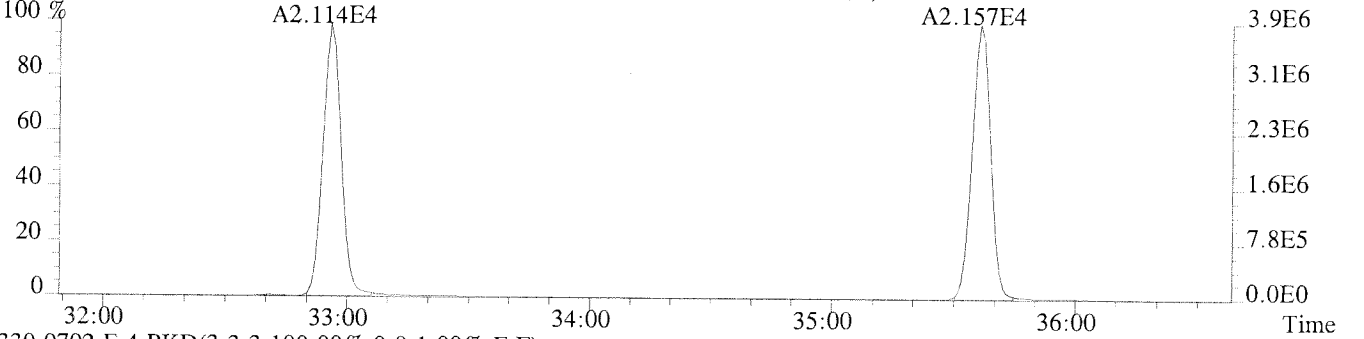
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1452.0,1.00%,F,T)



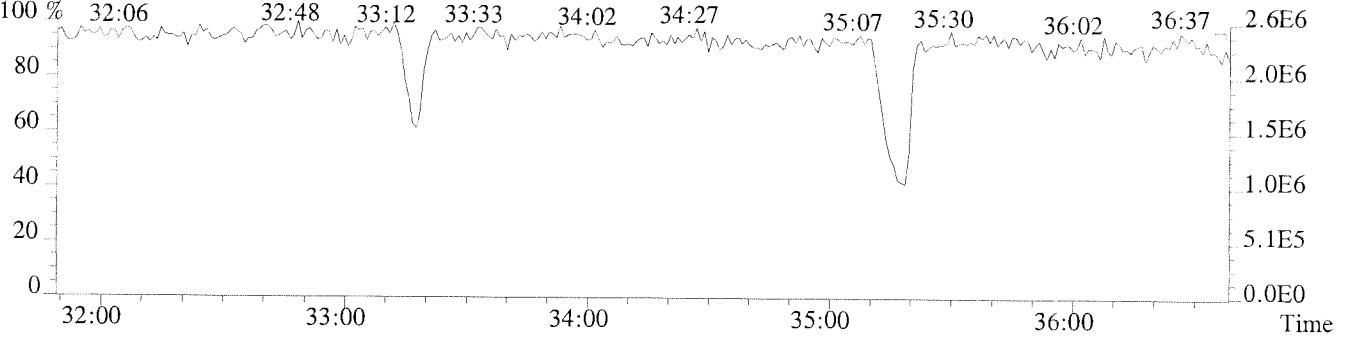
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2340.0,1.00%,F,T)



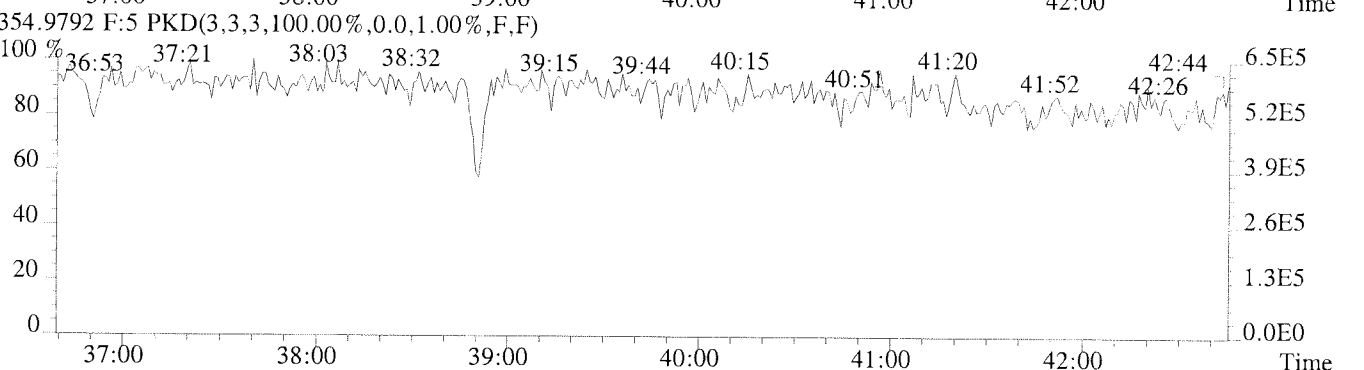
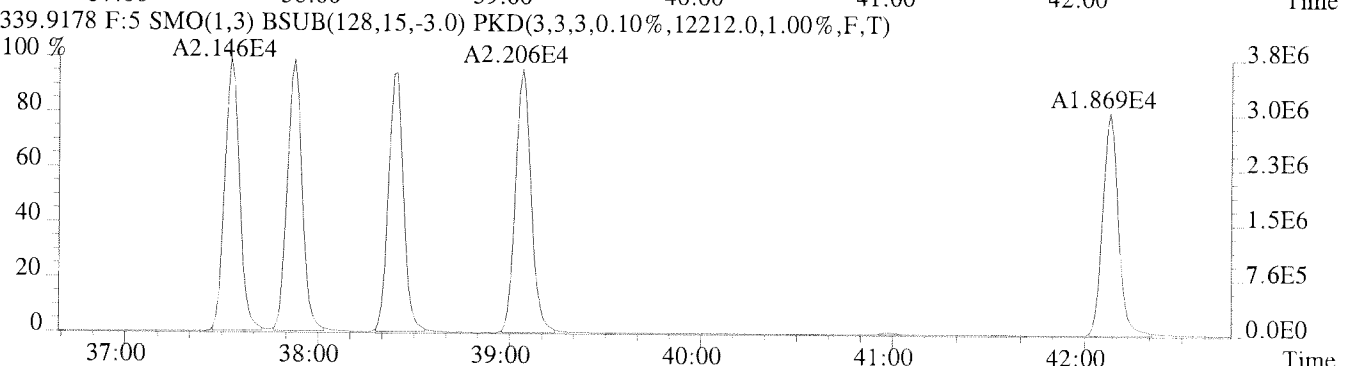
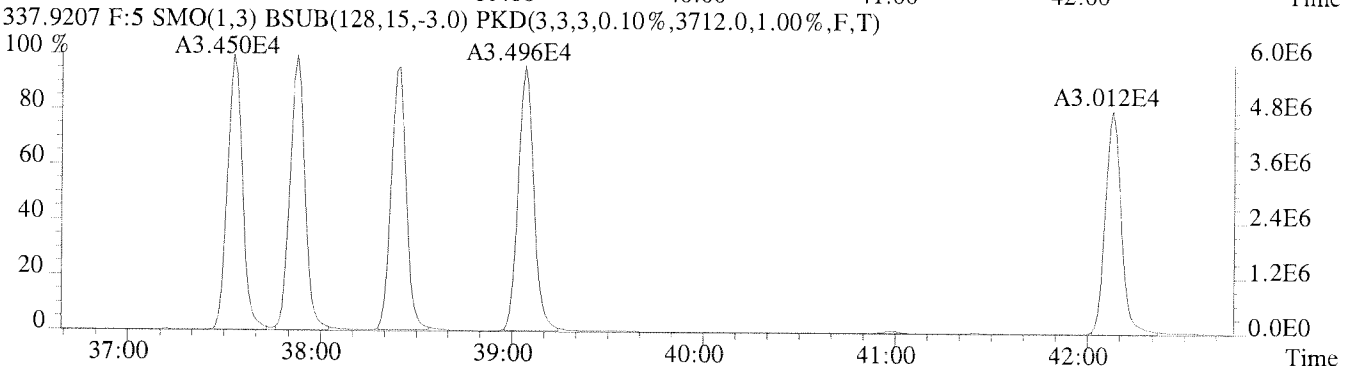
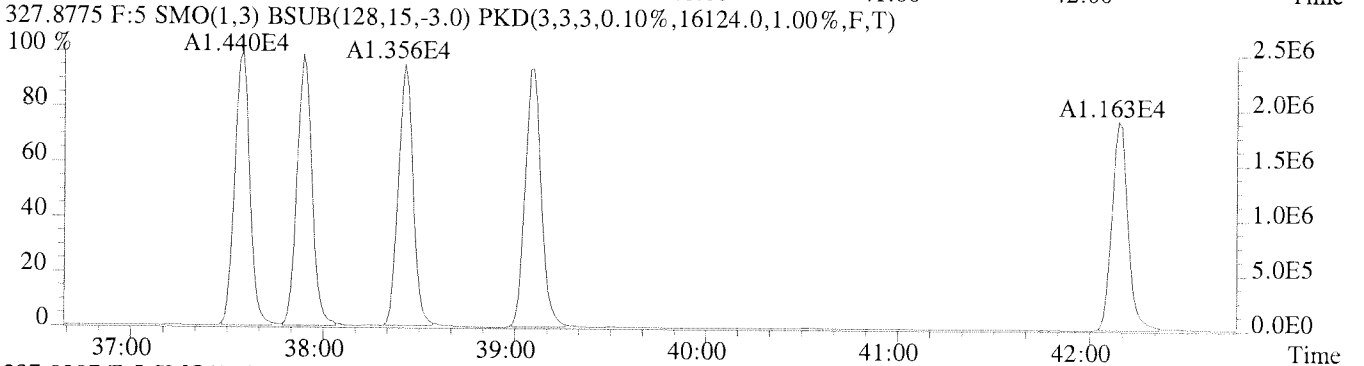
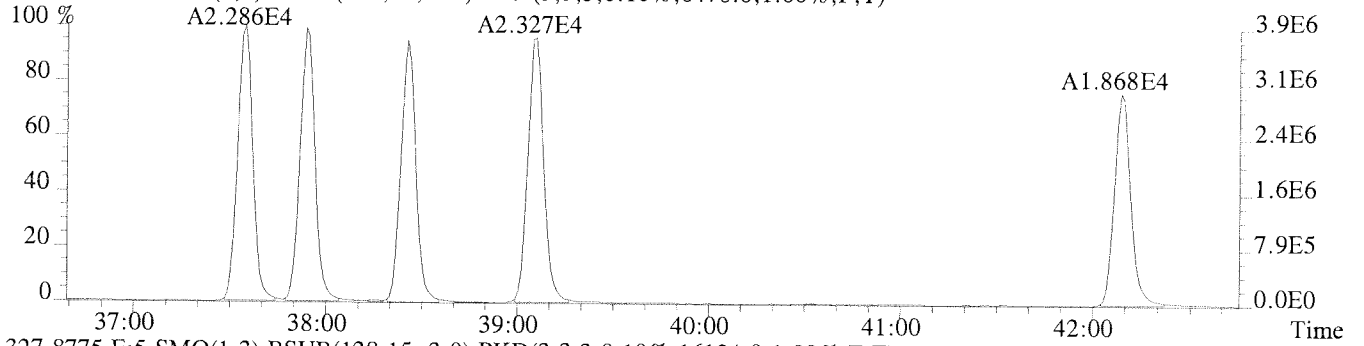
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1308.0,1.00%,F,T)



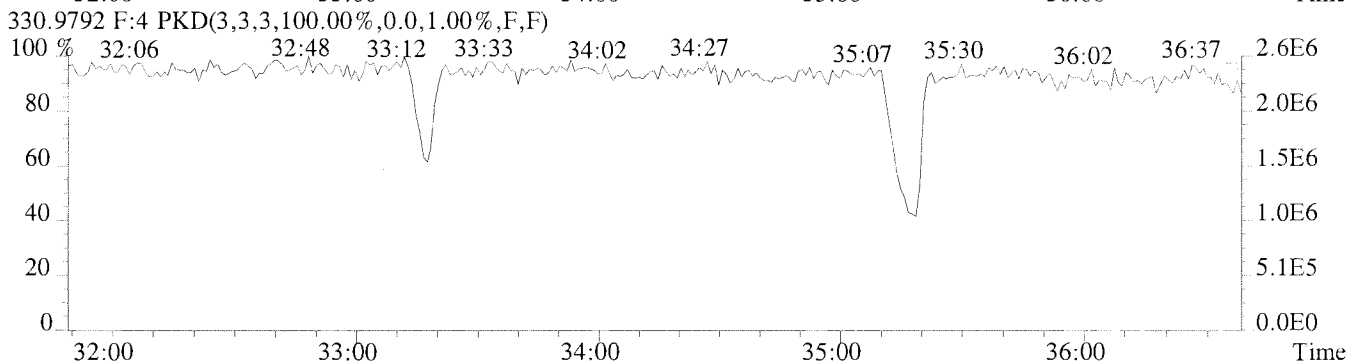
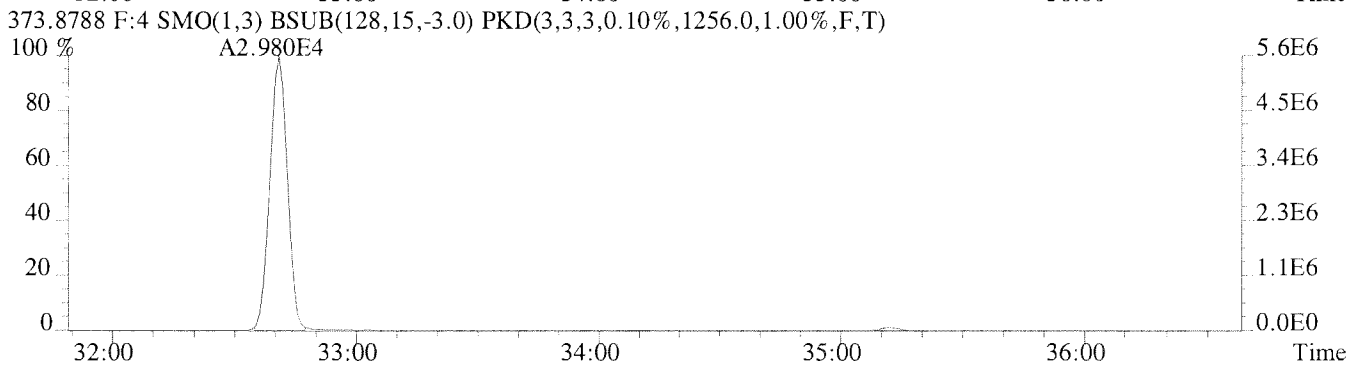
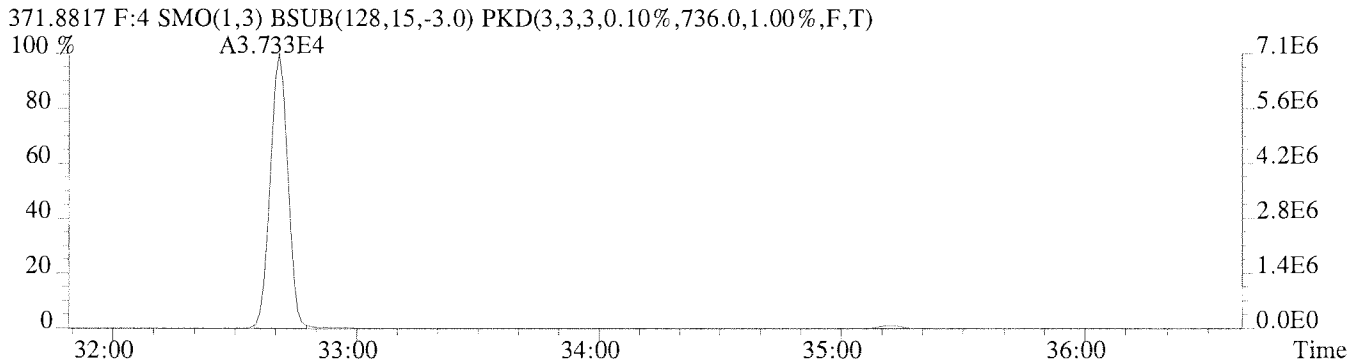
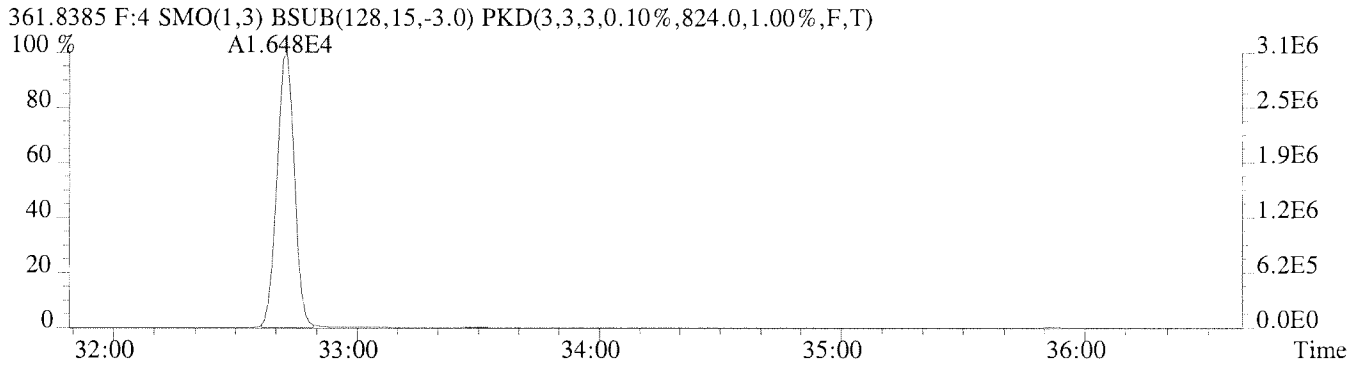
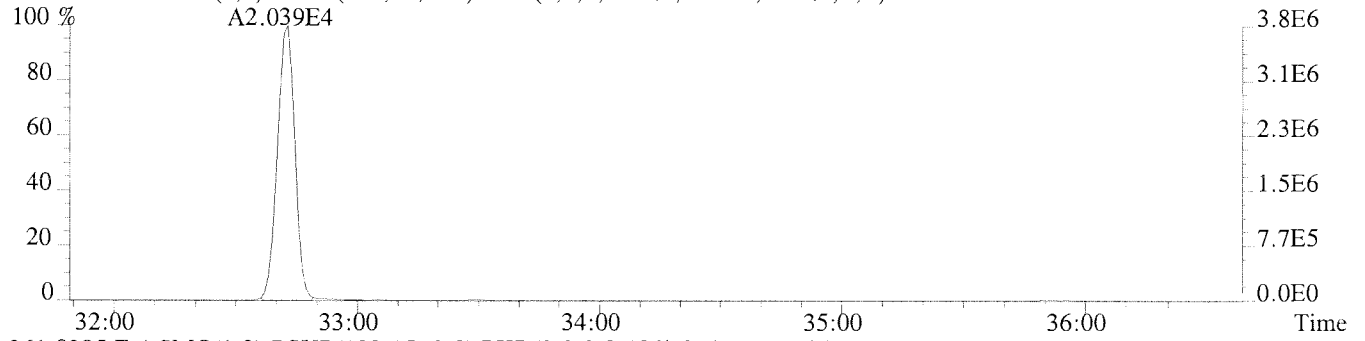
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U224781 #1-391 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6476.0,1.00%,F,T)

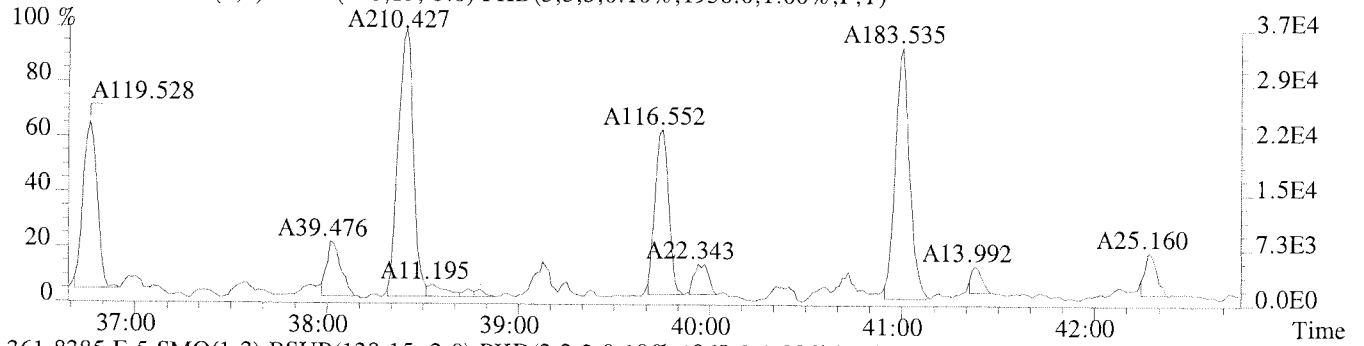


File:U224781 #1-309 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1084.0,1.00%,F,T)

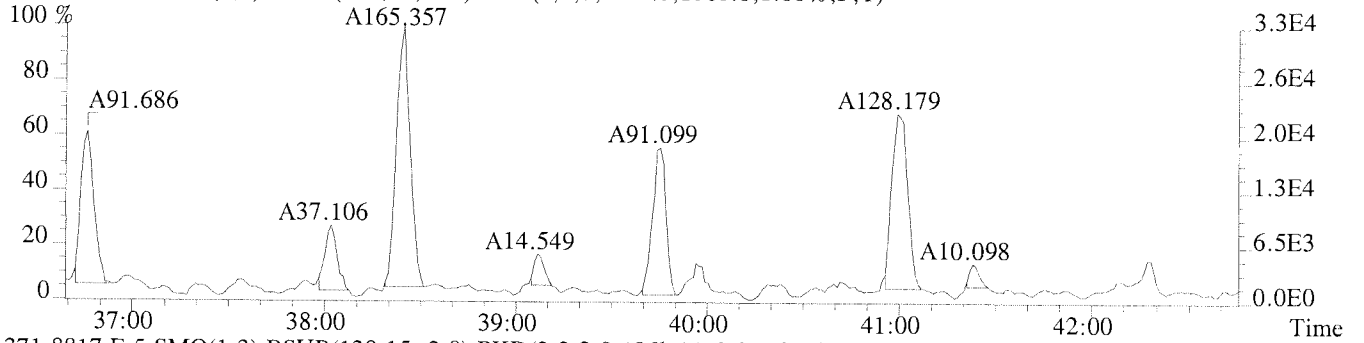


File:U224781 #1-391 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS

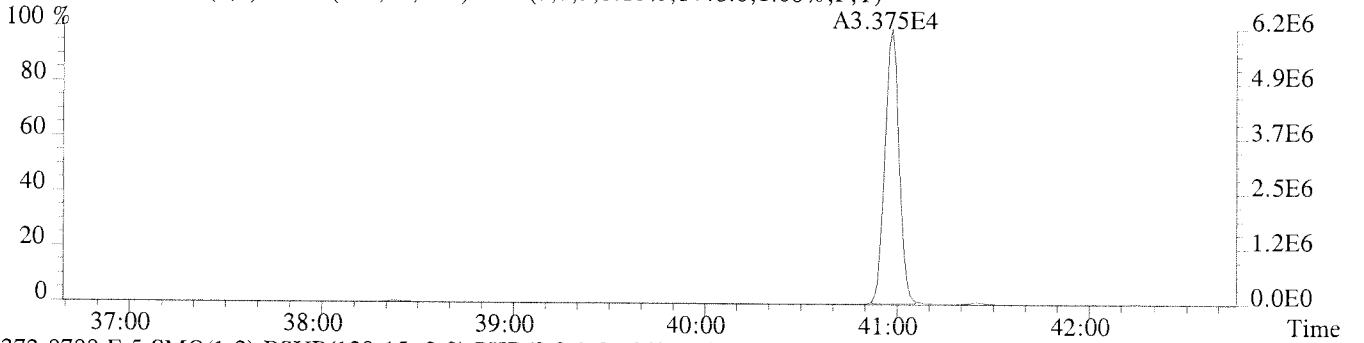
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1956.0,1.00%,F,T)



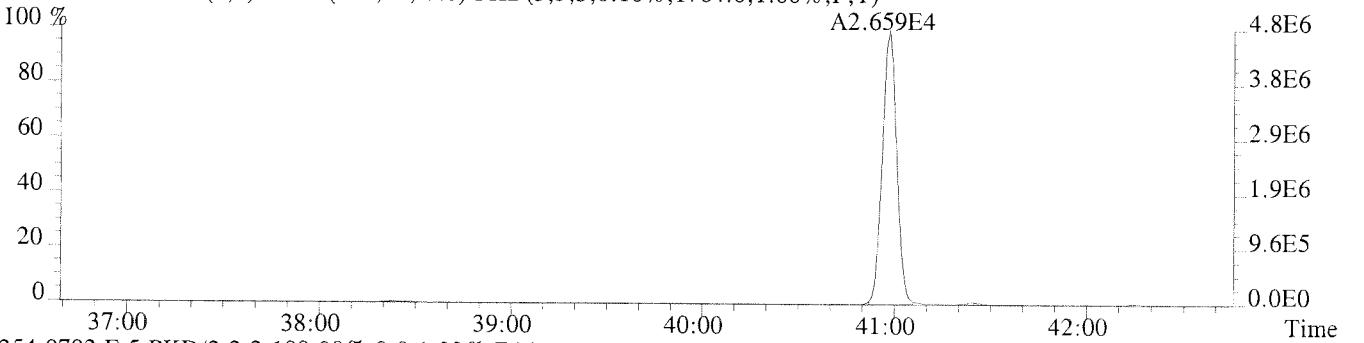
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1868.0,1.00%,F,T)



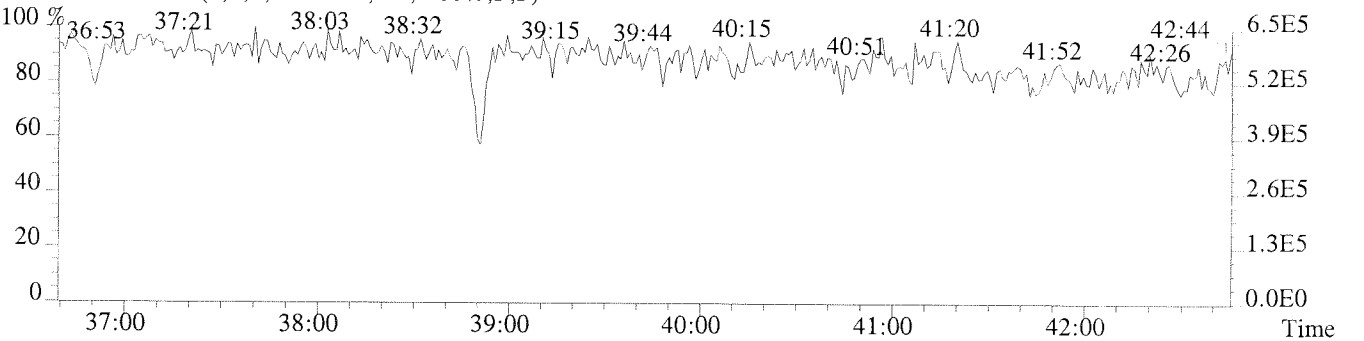
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1448.0,1.00%,F,T)



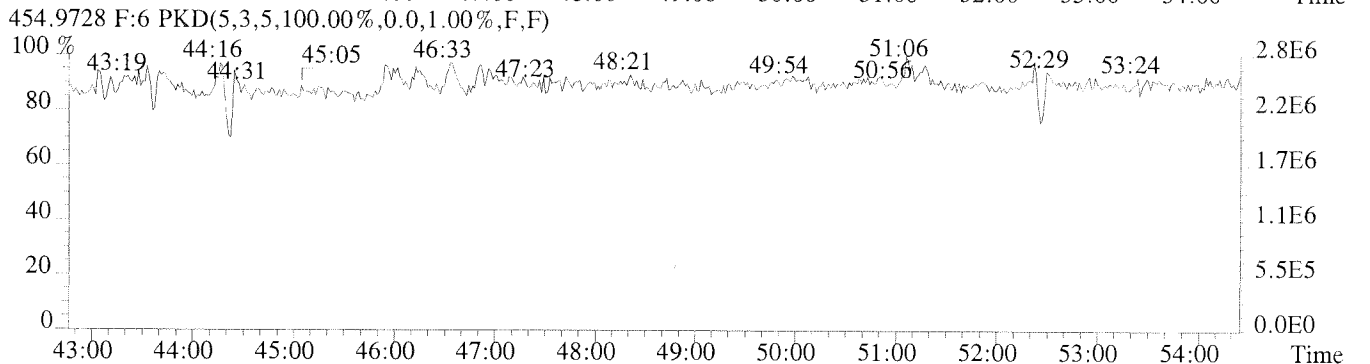
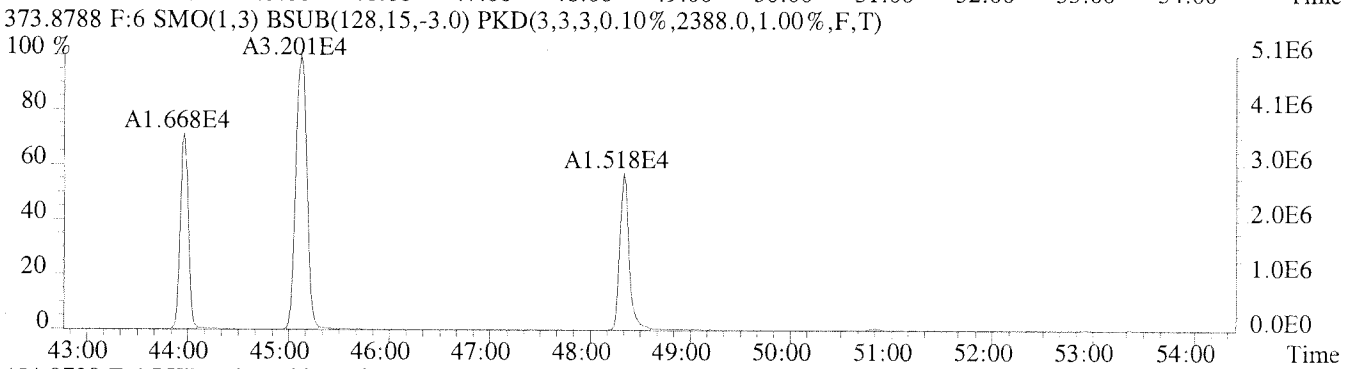
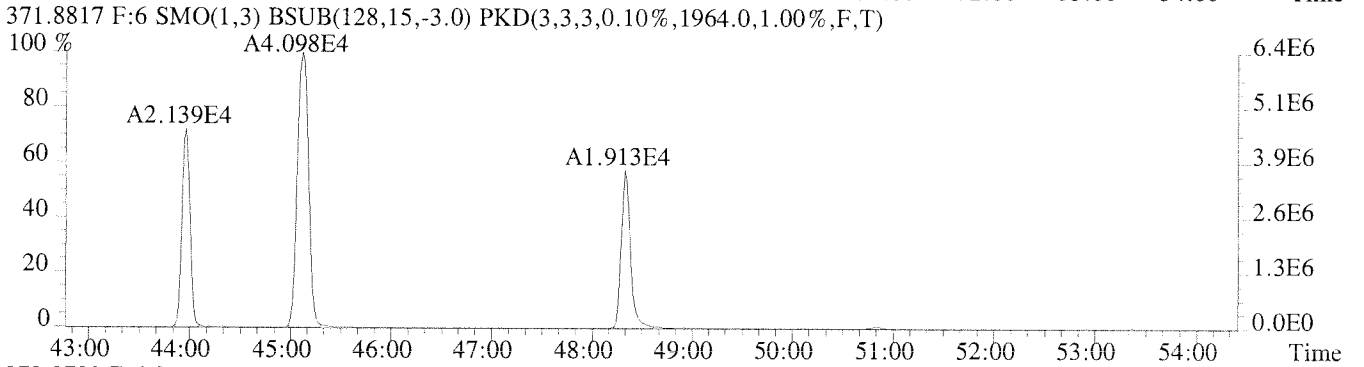
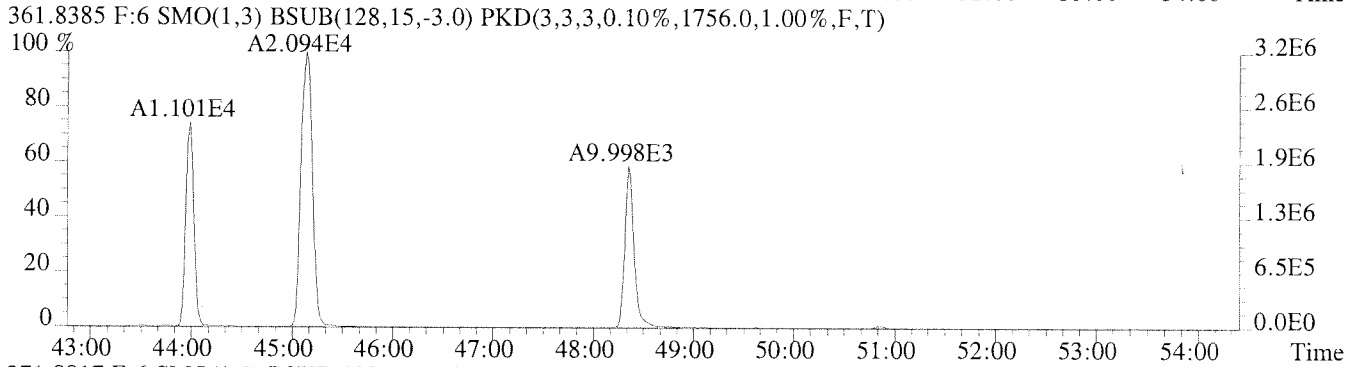
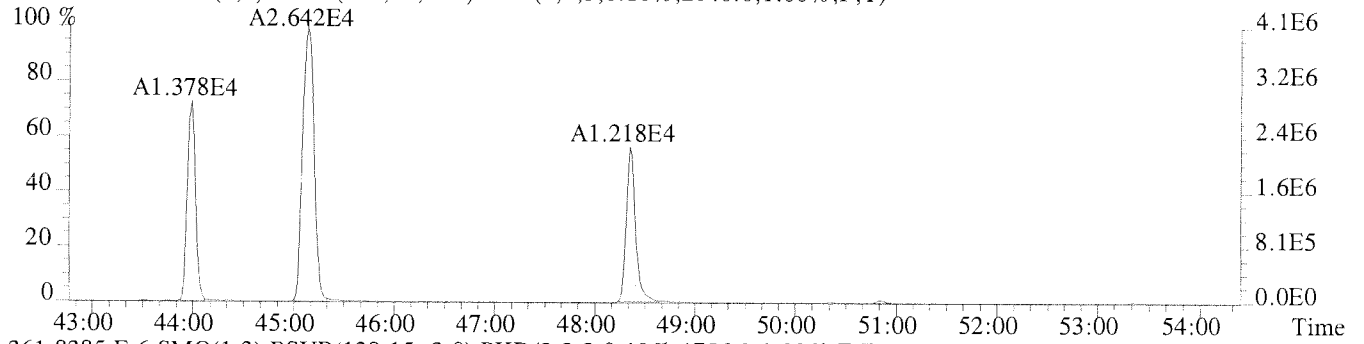
373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1764.0,1.00%,F,T)



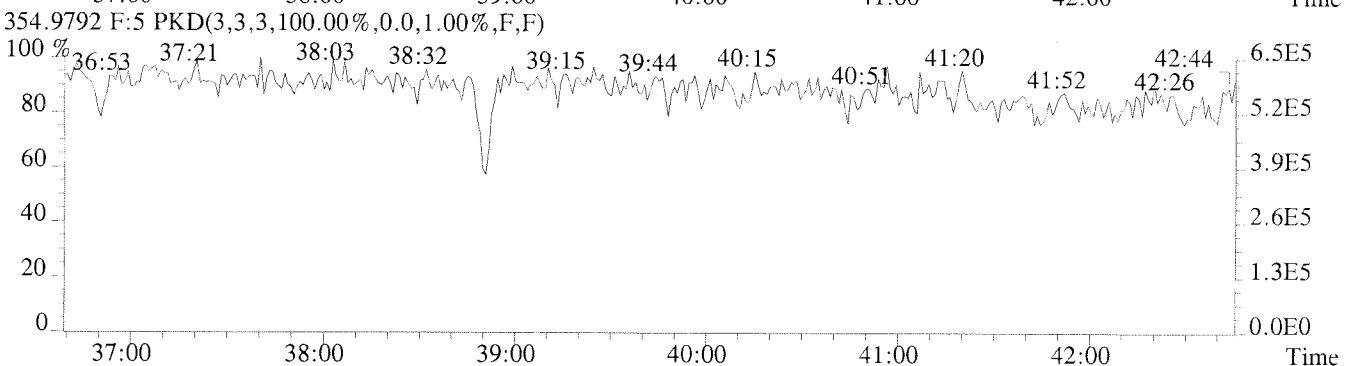
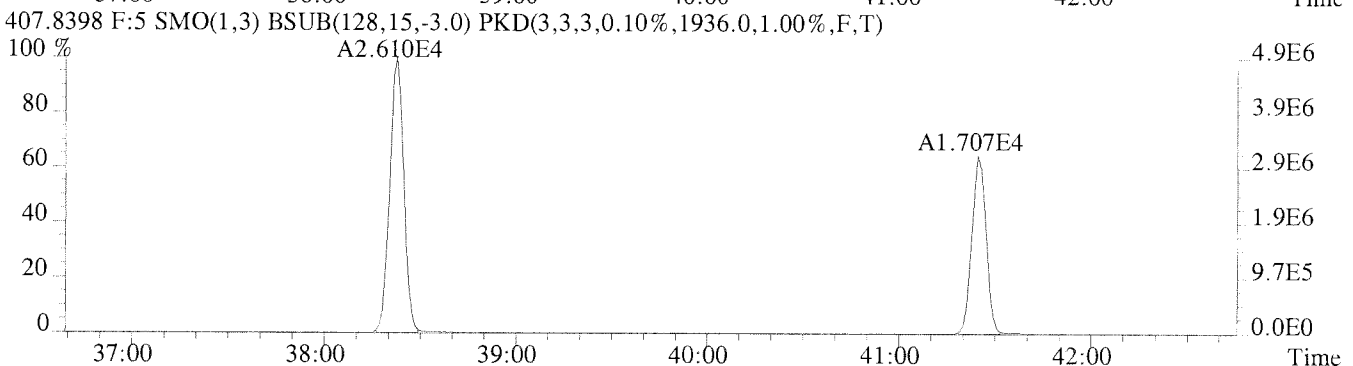
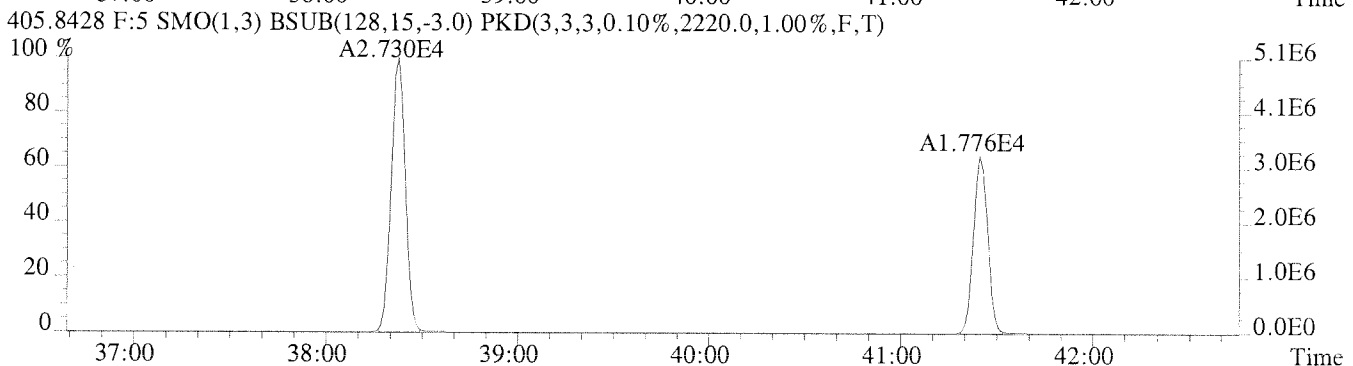
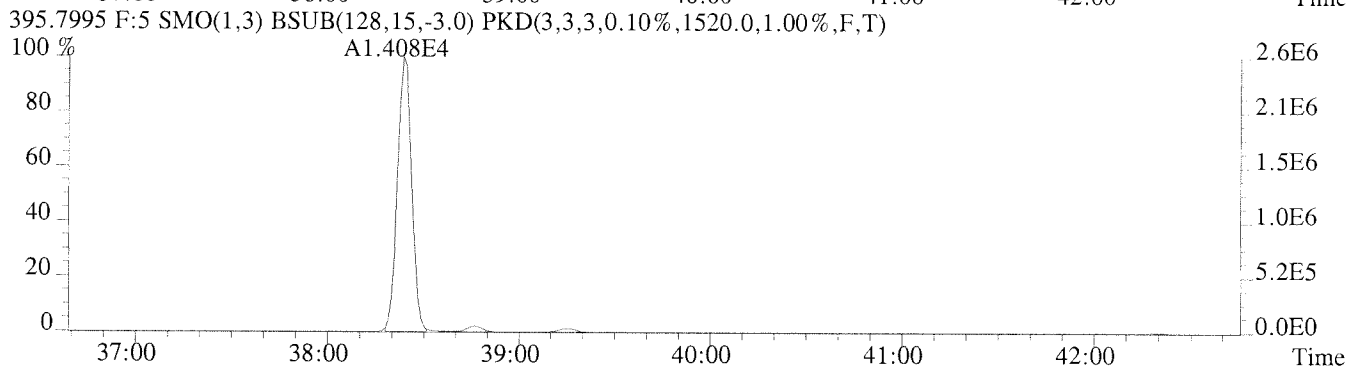
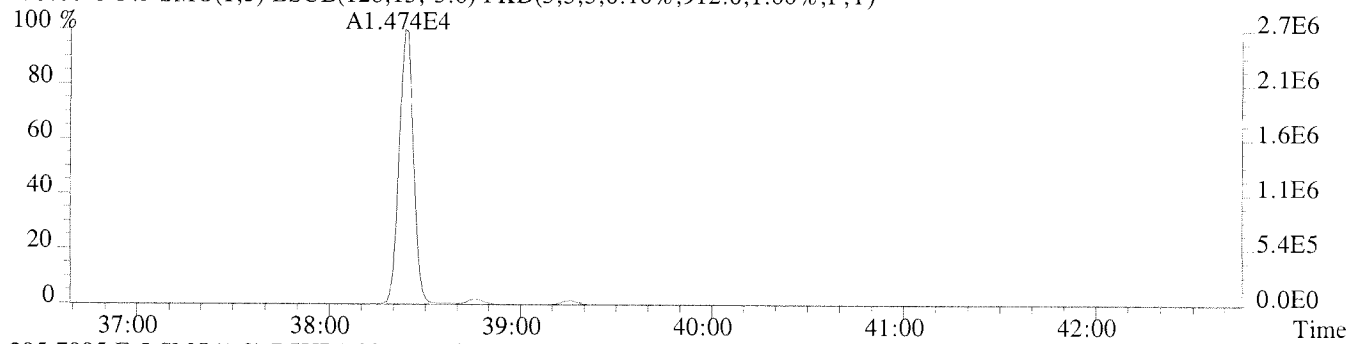
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



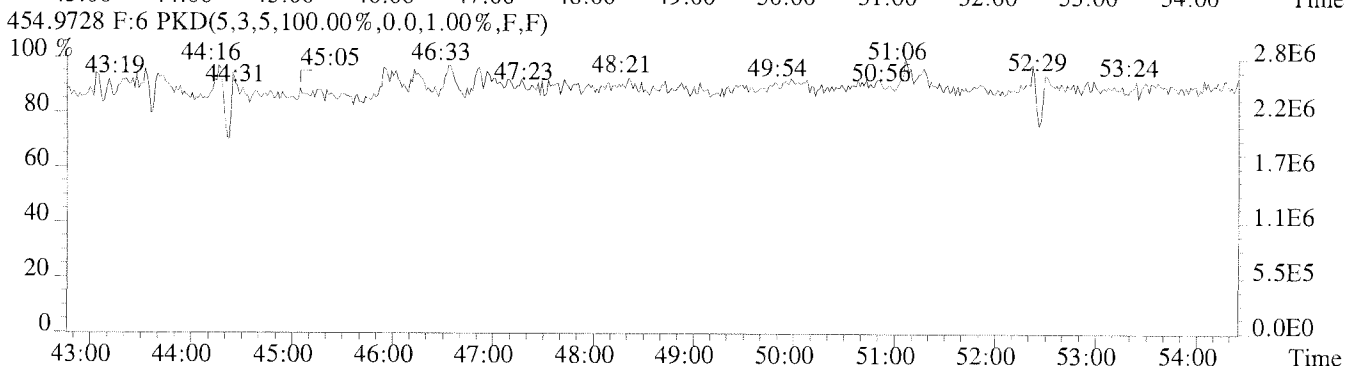
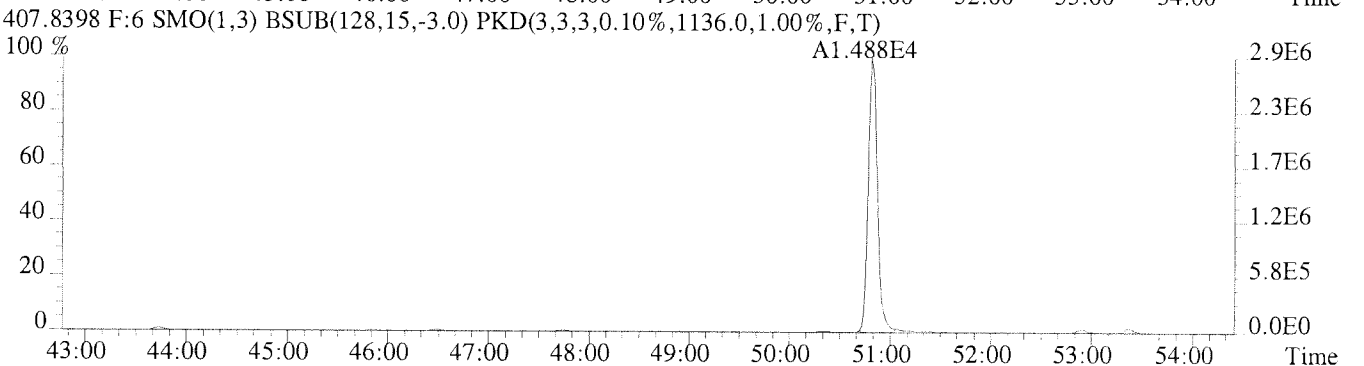
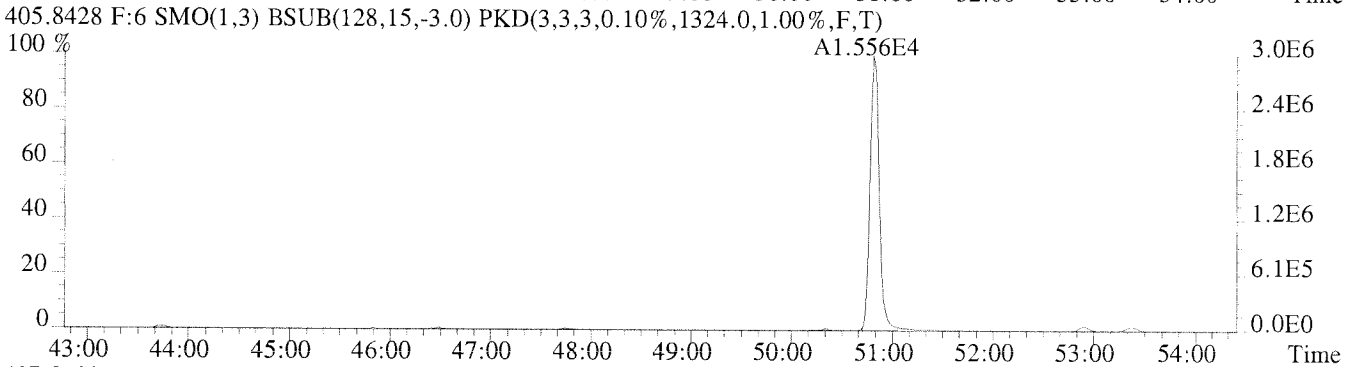
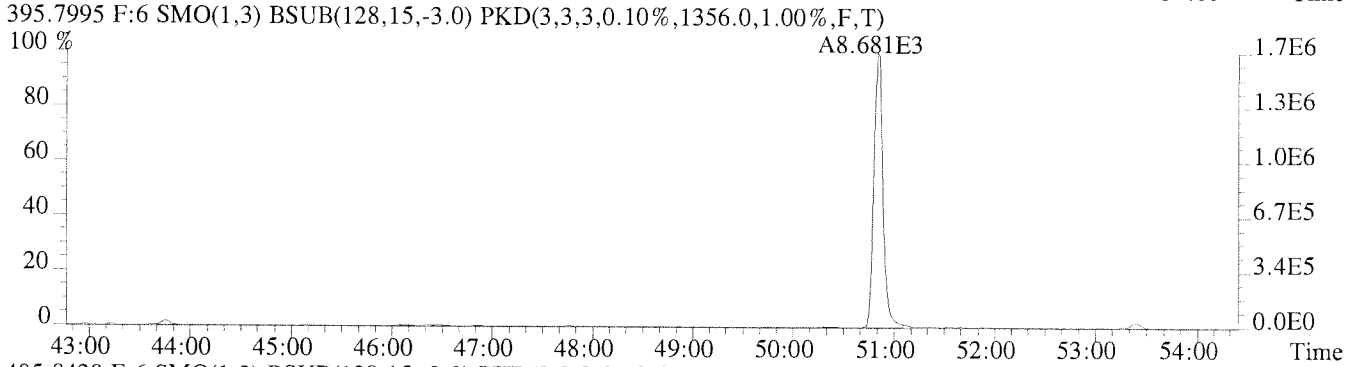
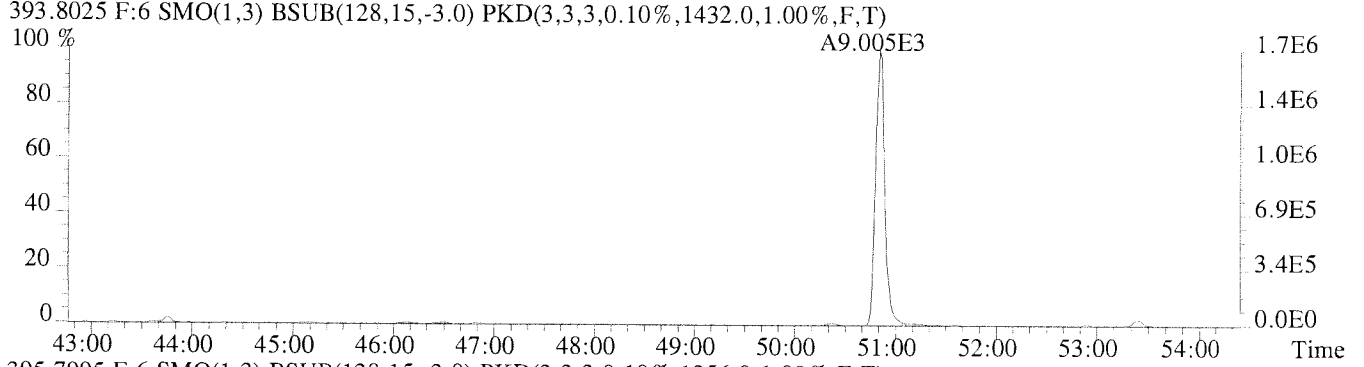
File:U224781 #1-577 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2040.0,1.00%,F,T)



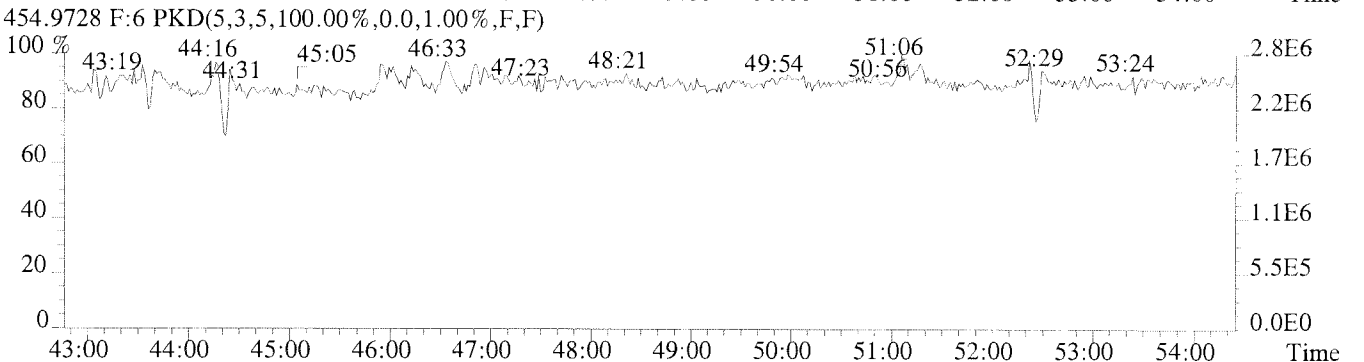
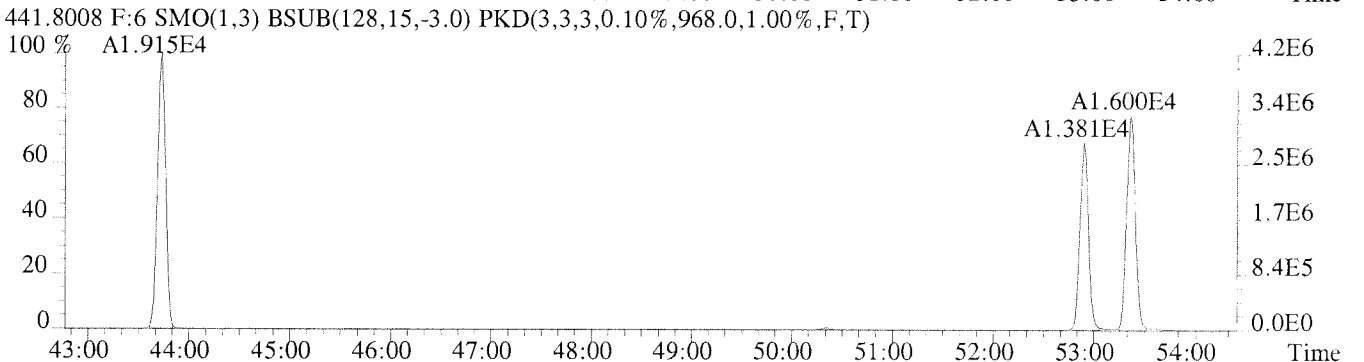
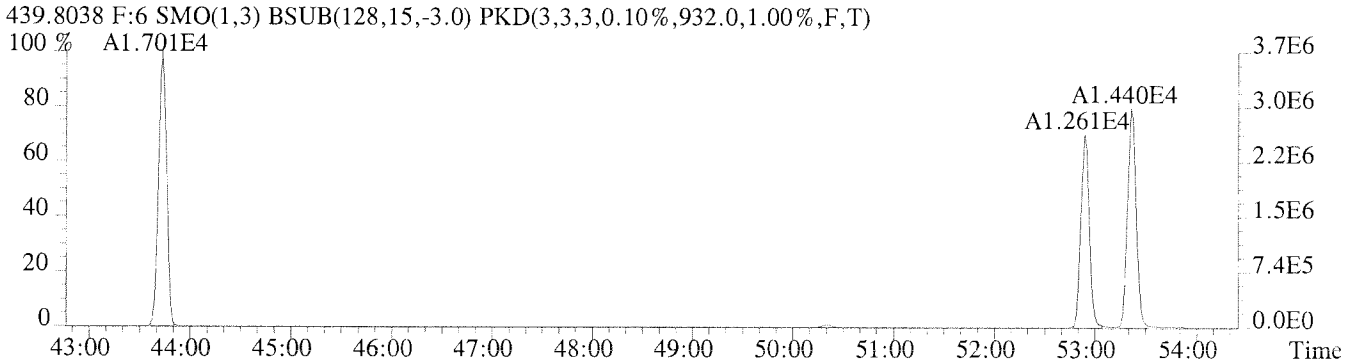
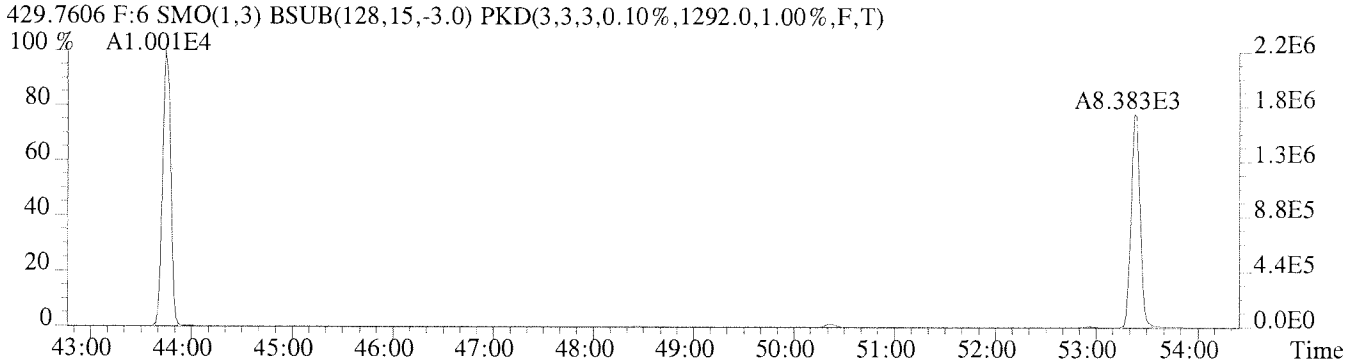
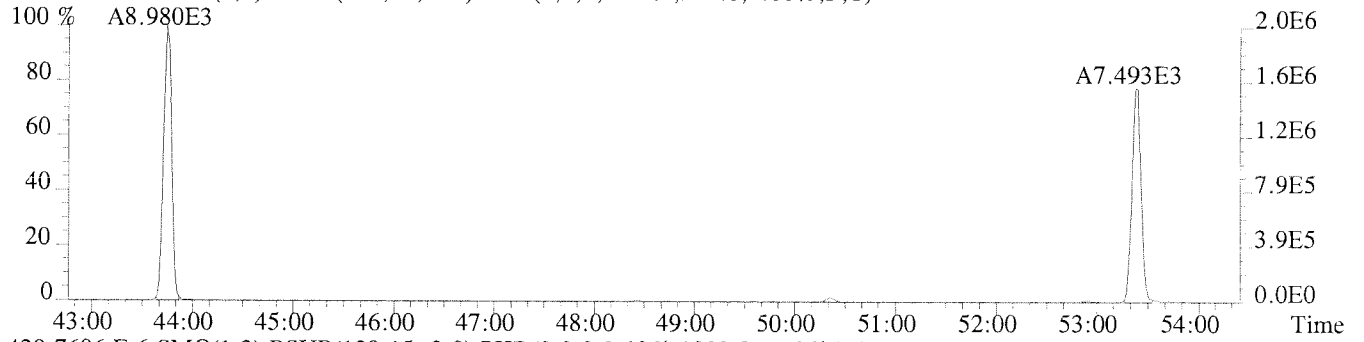
File:U224781 #1-391 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS



File:U224781 #1-577 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS



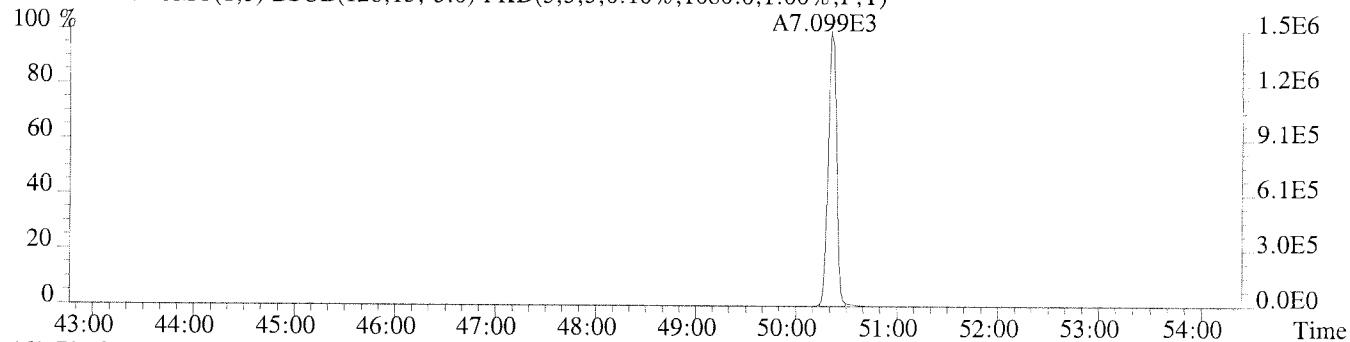
File:U224781 #1-577 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,980.0,1.00%,F,T)



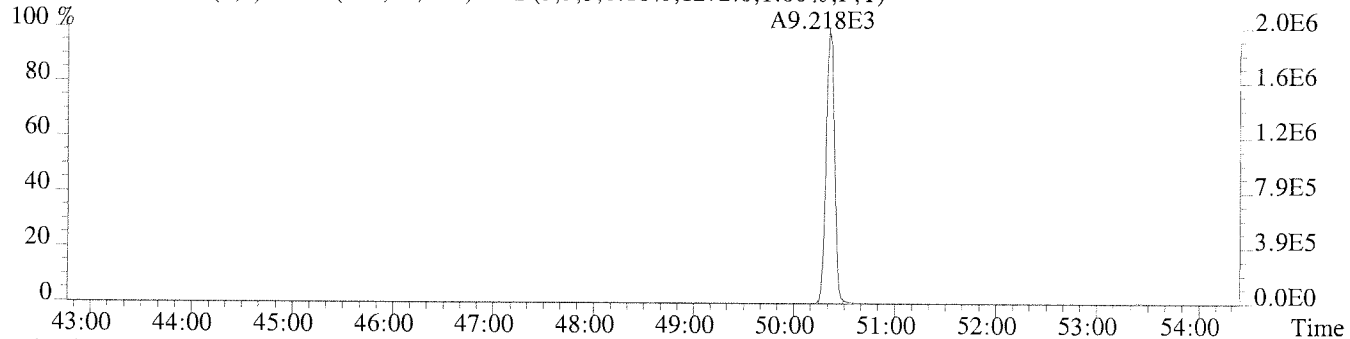
File:U224781 #1-577 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:EQ1100013-03 DLCS

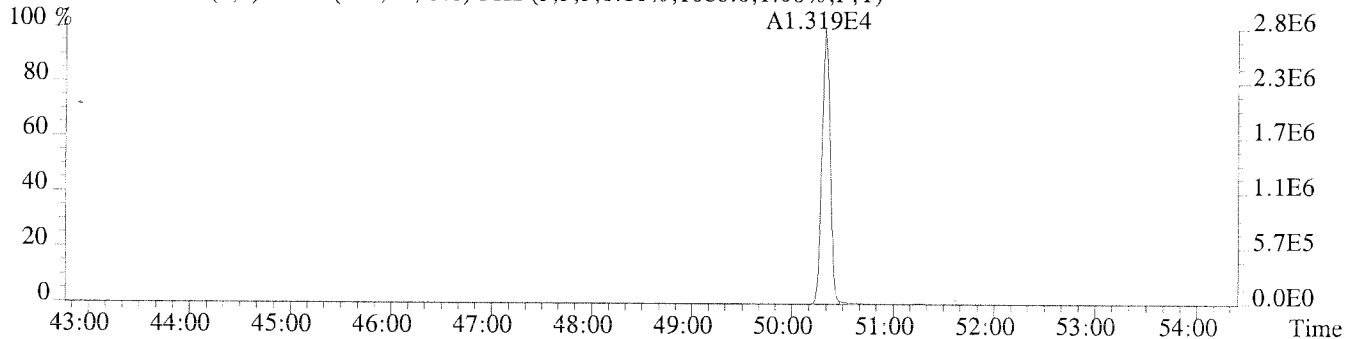
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1080.0,1.00%,F,T)



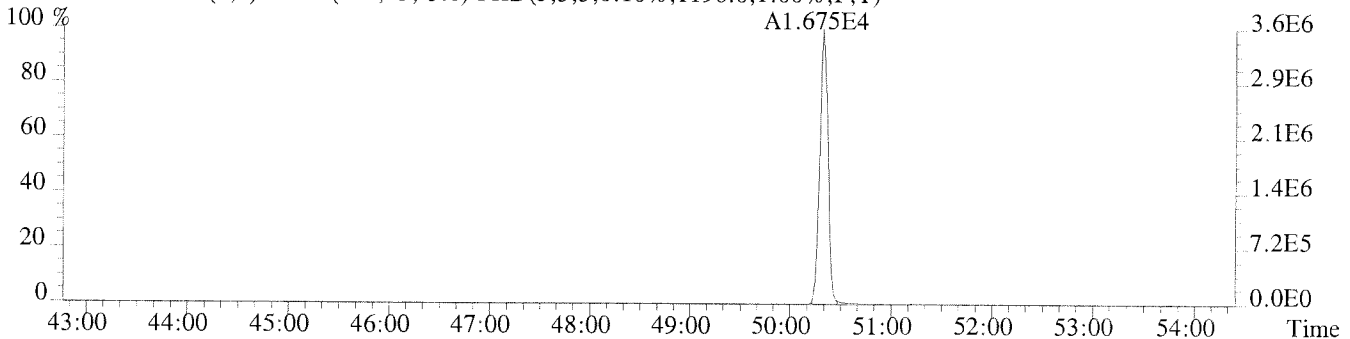
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1272.0,1.00%,F,T)



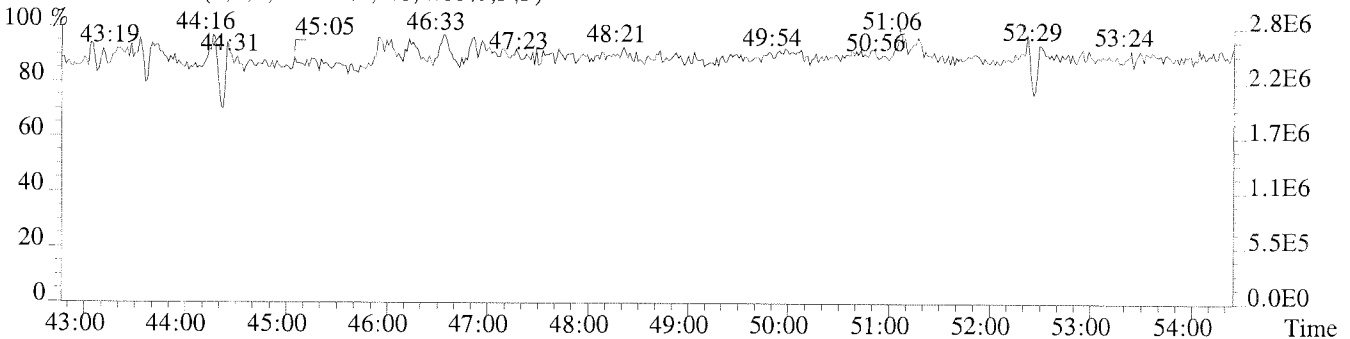
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1088.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1196.0,1.00%,F,T)

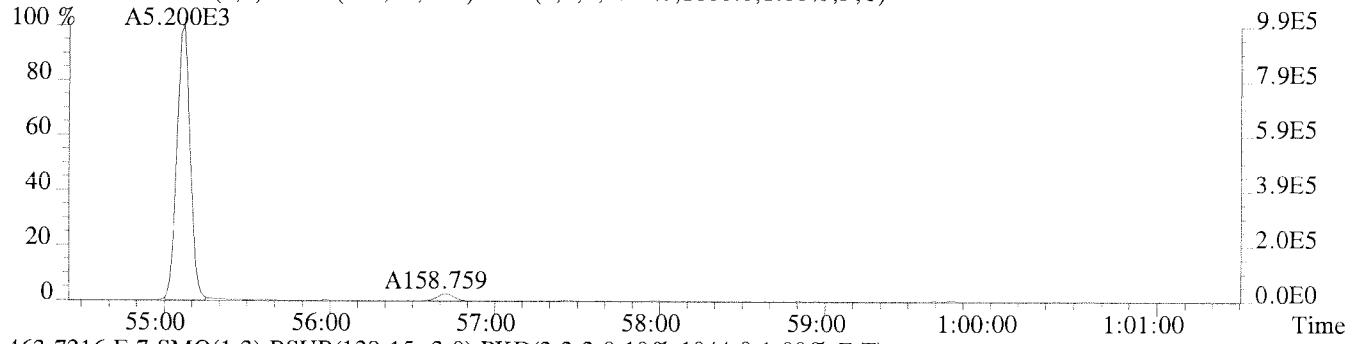


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

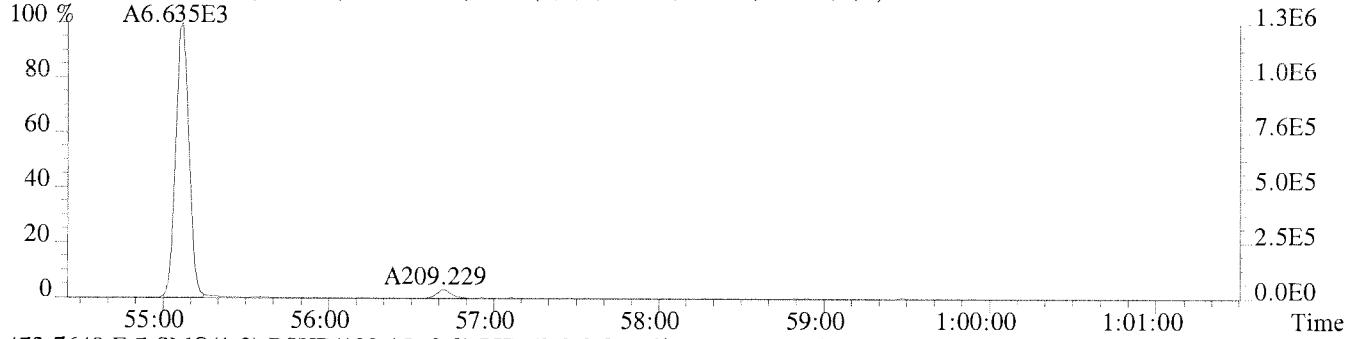


File:U224781 #1-400 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS

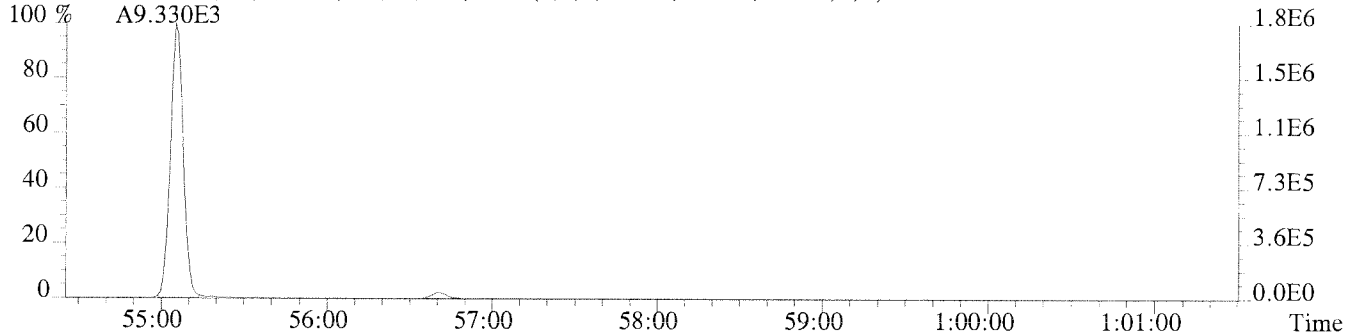
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1008.0,1.00%,F,T)



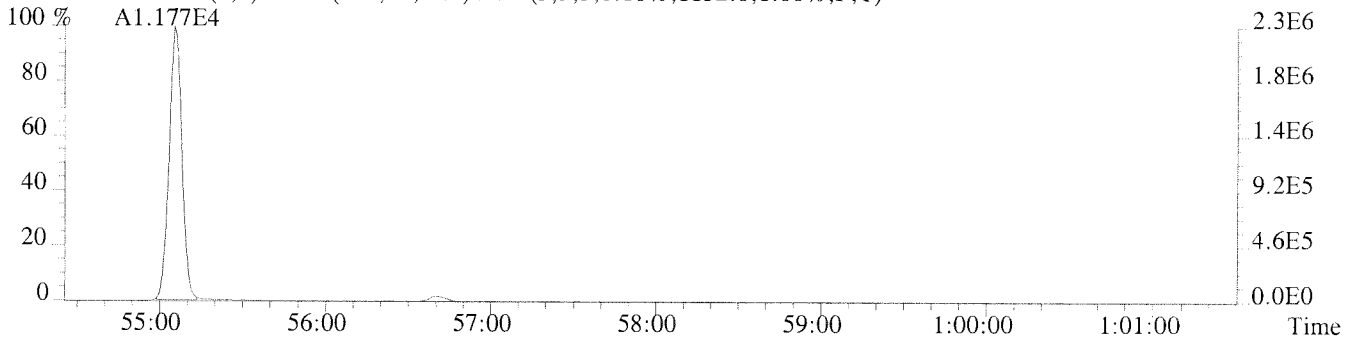
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1044.0,1.00%,F,T)



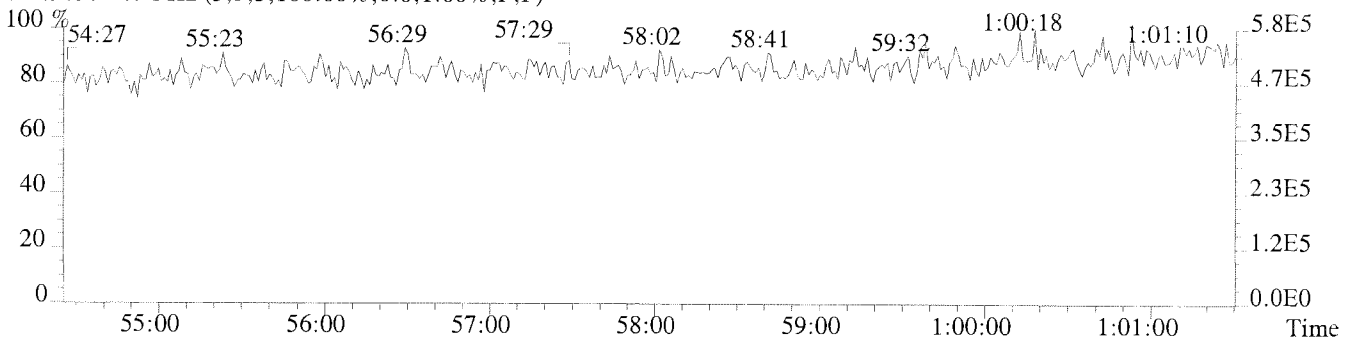
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1120.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1132.0,1.00%,F,T)

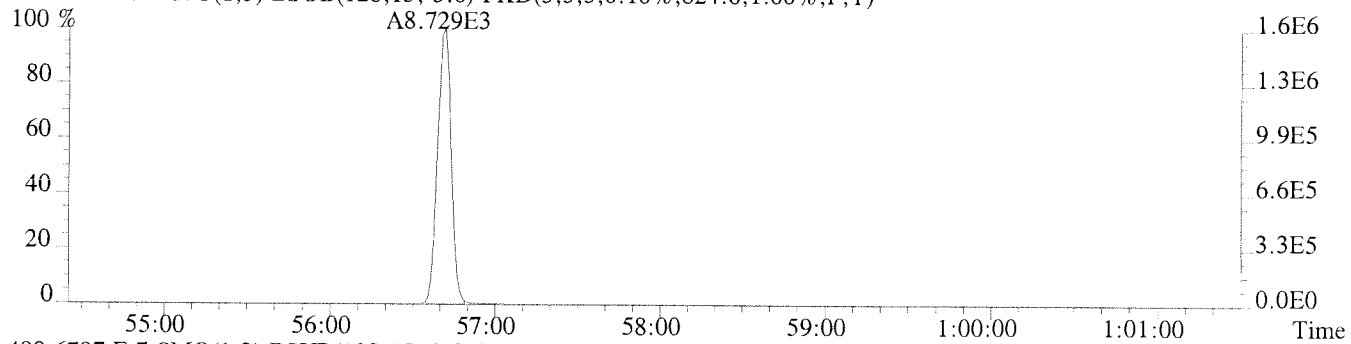


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

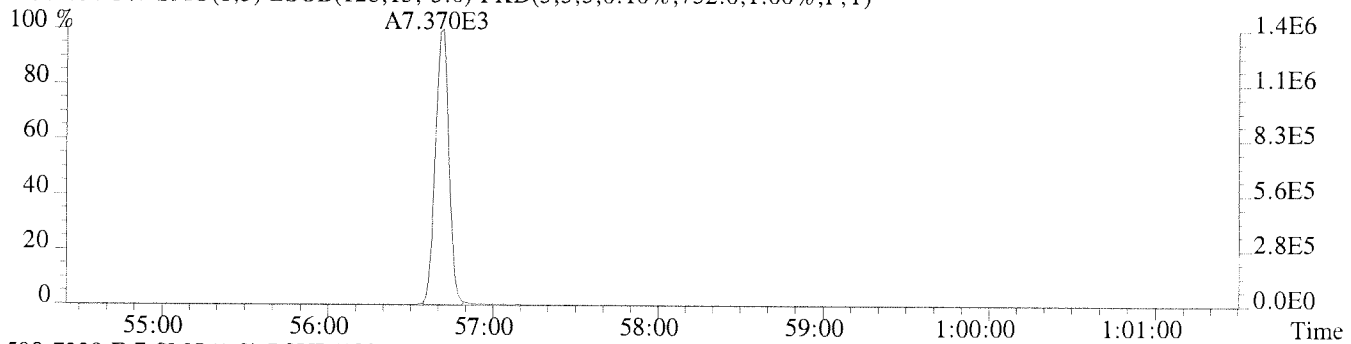


File:U224781 #1-400 Acq:18-JAN-2011 13:20:39 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ1100013-03 DLCS

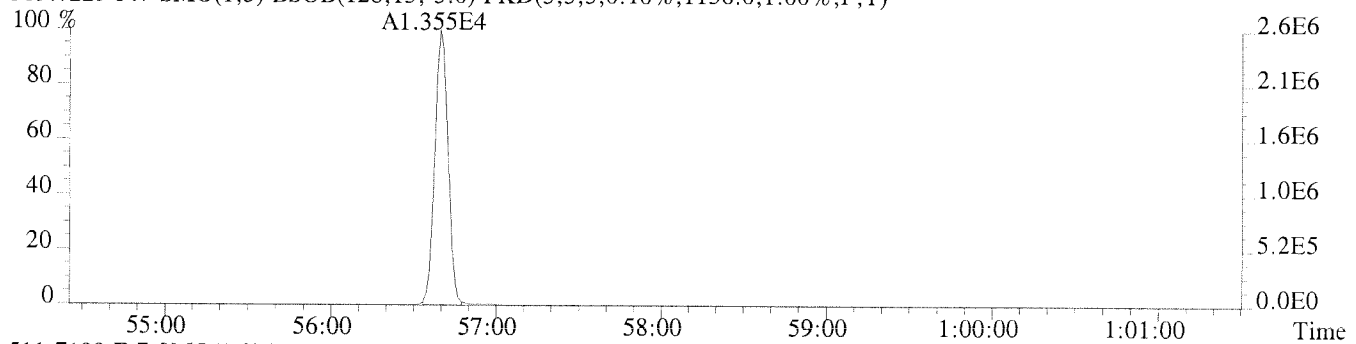
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,824.0,1.00%,F,T)



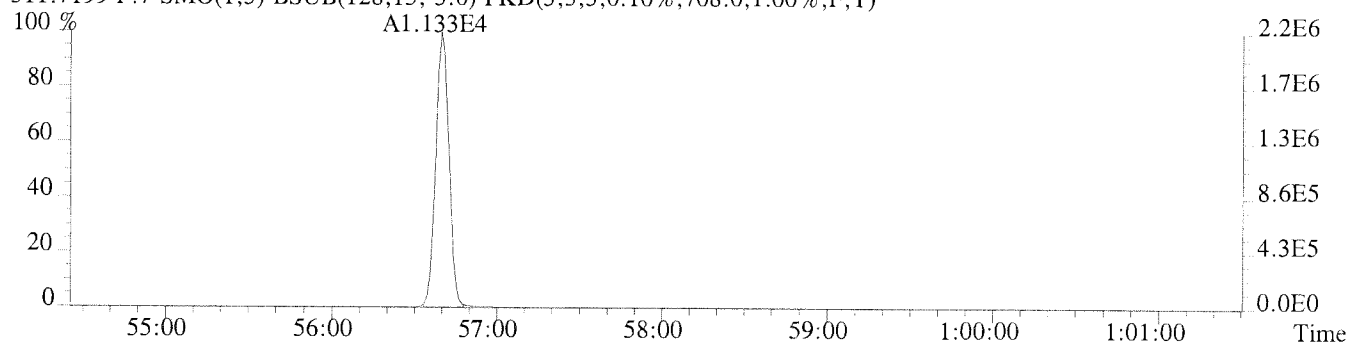
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,732.0,1.00%,F,T)



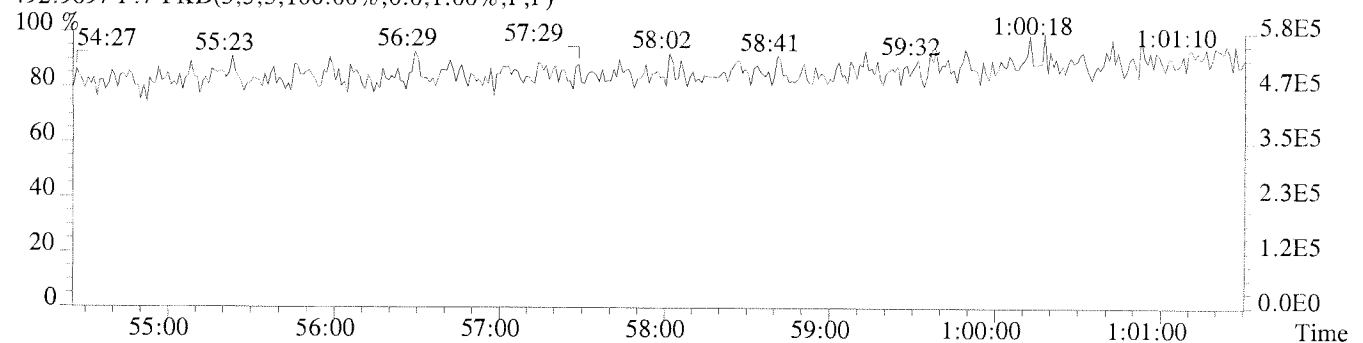
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1156.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,708.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)





Continuing Calibration

19408 Park Row, Suite 320, Houston, TX 77084

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RW/CS3 Daily Calibration QC Checklist

Calibration File Name: U224747

Circle one
Beginning Ending

Date: 14-15 Jan 11

Method: 1668 WHO 1668 Total 1668 (209) 1668 WHO & TOTAL

Date 1/17/11 First Reviewer cel

Date 01/18/11 Second Reviewer SA

5DFC
PCDD/PCDF ANALYTICAL SEQUENCE SUMMARY

Lab Name: Columbia Analytical Services

Contract:

Lab Code: TX01411

Case No.:

SDG No.:

GC Column: SPB-OCTYL

ID: 0.25 (mm)

Instrument ID: AutoSpec-Ultima

Init. Calib. Date: 10/19/09

Init. Calib. Times: 10:47

THE ANALYTICAL SEQUENCE OF STANDARDS, SAMPLES, BLANKS, AND LABORATORY CONTROL SAMPLES (LCSs) IS AS FOLLOWS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
CCAL CS3	CCAL CS3	U224747	14-JAN-11	17:39:32
PCB-209 INJ	DCCS-209	U224748	14-JAN-11	19:13:40
PCB-209 INJ	DCCS-209	U224748	14-JAN-11	19:13:40
METHOD BLANK	EQ1100013-01	U224749	14-JAN-11	20:16:39
USEN-N/S-01-1	K1013433-001	U224750	14-JAN-11	21:25:02
USEN-N/S-02-1	K1013433-002	U224751	14-JAN-11	22:33:23
USEN-N/S-02-2	K1013433-003	U224752	14-JAN-11	23:41:45
USEN-N/S-03-1	K1013433-004	U224753	15-JAN-11	00:50:00
USEN-N/S-04-1	K1013433-005	U224754	15-JAN-11	01:58:23
USEN-N/S-04-2	K1013433-006	U224755	15-JAN-11	03:06:41
USEN-N/S-05-1	K1013433-007	U224756	15-JAN-11	04:15:05
USEN-N/S-06-1	K1013433-008	U224757	15-JAN-11	05:23:34

Sample List Report

MassLynx 4.1



Page 1 of 1
Houston, Texas 77084

19408 Park Row
Suite 320

Sample List: C:\MassLynx\CASHOUSTON.PRO\SampleDB\E110114B.SPL
Last Modified: Friday, January 14, 2011 19:13:36 Central Standard Time
Printed: Saturday, January 15, 2011 11:03:49 Central Standard Time

C:\J224747RES\CAL

Date	Time	File Name	Sample ID	Client ID	Analyst	Comments	GC Met	Acq Met
01/14/11	17:39	U224747	CCAL CS3	B2-26-1	KC	HOME CHECK 17:37	1668EPA	1668EPA
	19:13	U224748	PCB 209 INJECTION	B2-31-3		HOME CHECK 19:10	1668EPA	1668EPA
	20:46	U224749	EQ1100013-01	MB			1668EPA	1668EPA
	21:25	U224750	K1013433-001	USEN-N/S-01-1			1668EPA	1668EPA
	22:33	U224751	K1013433-002	USEN-N/S-02-1			1668EPA	1668EPA
	23:41	U224752	K1013433-003	USEN-N/S-02-2			1668EPA	1668EPA
01/15/11	00:50	U224753	K1013433-004	USEN-N/S-03-1			1668EPA	1668EPA
	01:58	U224754	K1013433-005	USEN-N/S-04-1			1668EPA	1668EPA
	03:06	U224755	K1013433-006	USEN-N/S-04-2			1668EPA	1668EPA
	04:15	U224756	K1013433-007	USEN-N/S-05-1		HOME CHECK 06:43	1668EPA	1668EPA
	05:23	U224757	K1013433-008	USEN-E/W-06-1			1668EPA	1668EPA
12								
13								
14								
15								
16								
17							8290cas	8290CAS
18								
19							8290cas	8290CAS
20							1668EPA	1668EPA
21								
22								
23							1668EPA	1668EPA
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28								
29							8290cas	8290CAS
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31							8290cas	8290CAS
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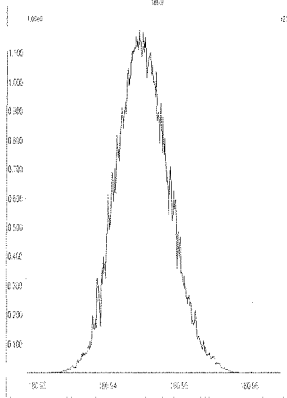
Reviewed By: ce

1/17/11

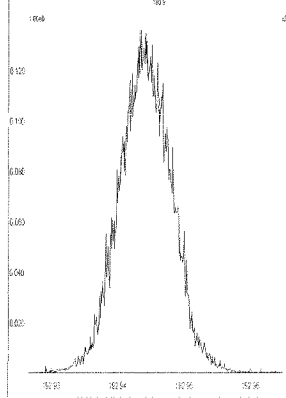
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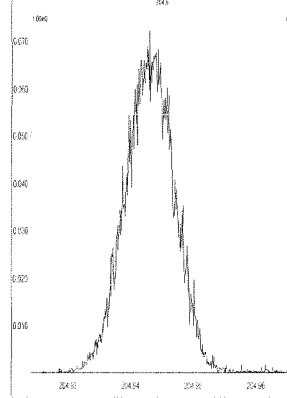
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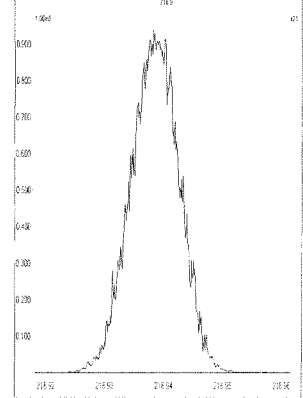
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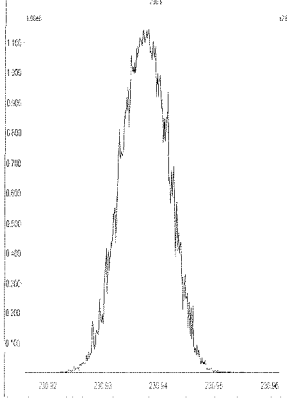
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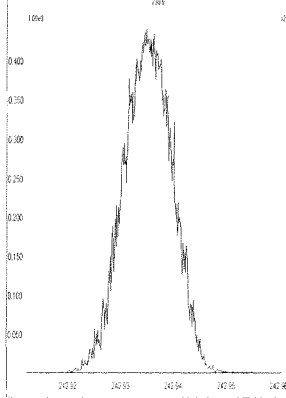
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M 230.9856 R 11792



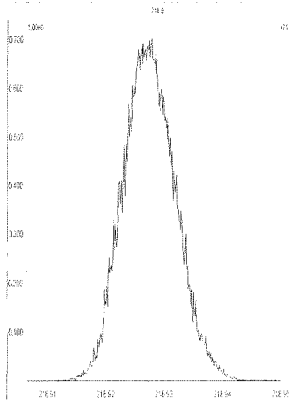
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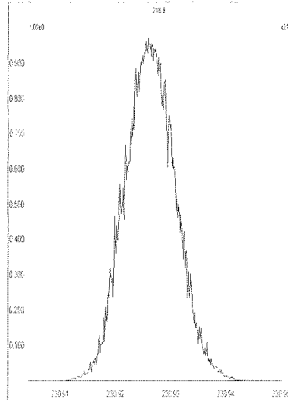
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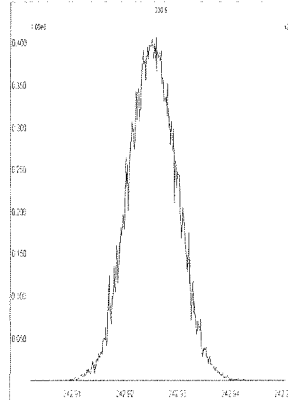
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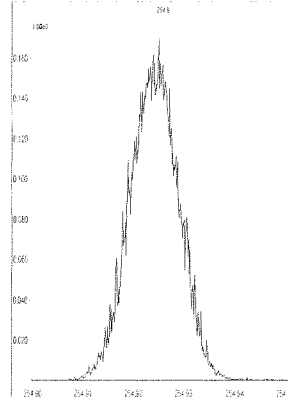
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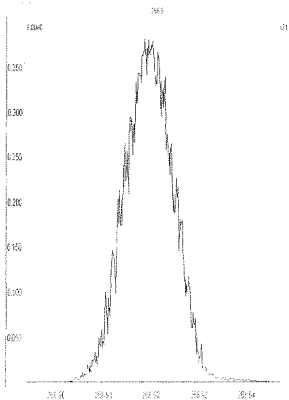
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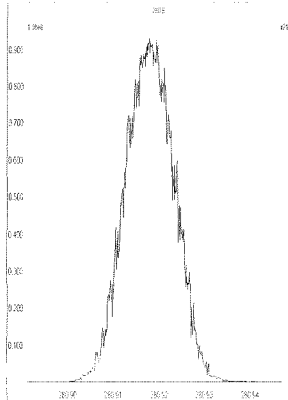
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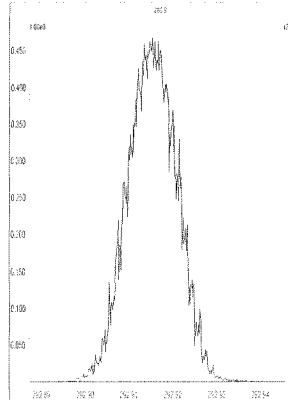
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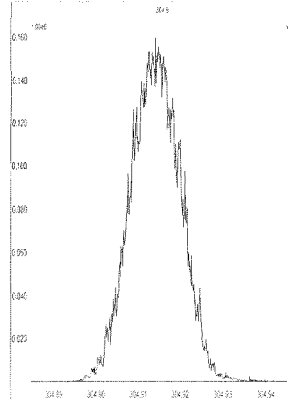
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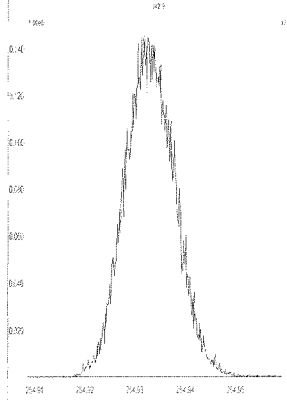
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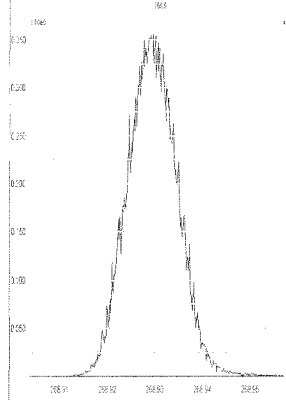
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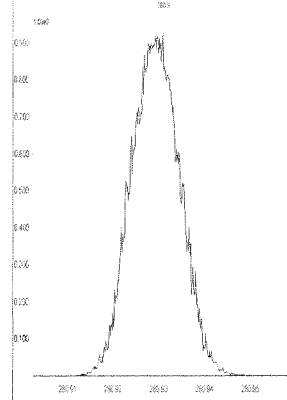
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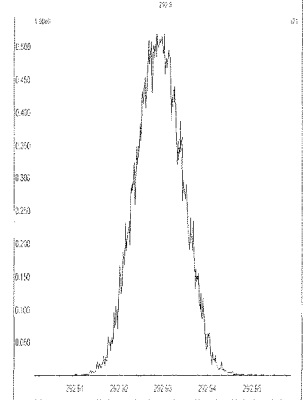
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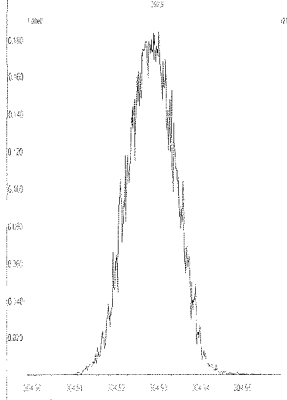
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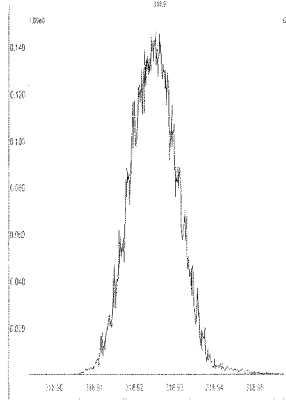
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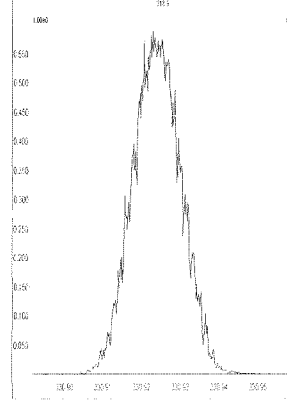
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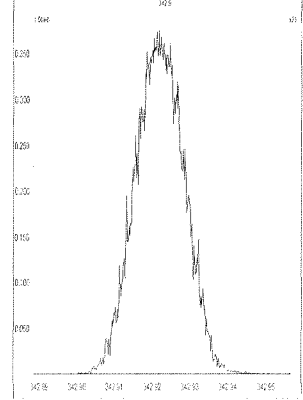
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M 330.9792 R 11791



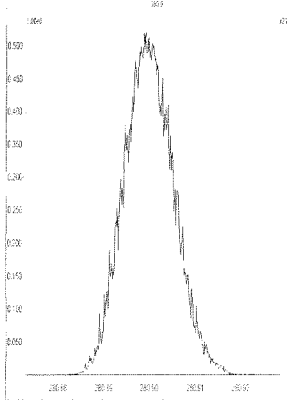
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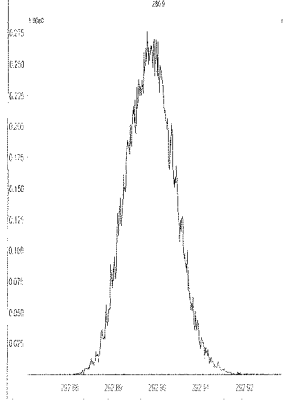
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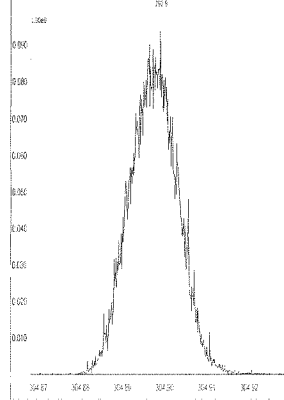
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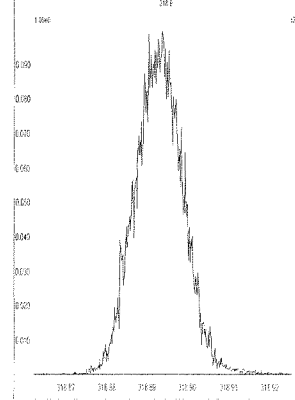
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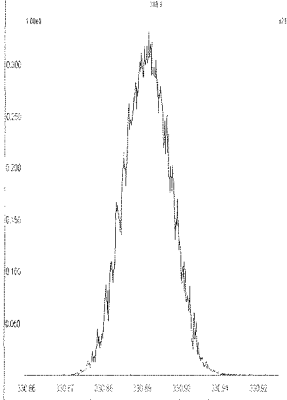
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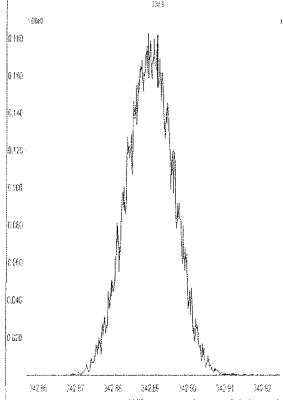
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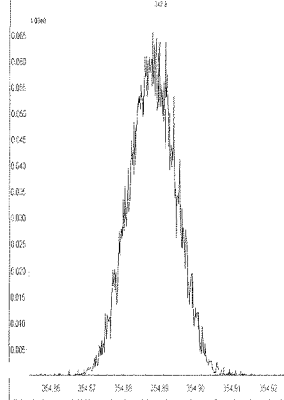
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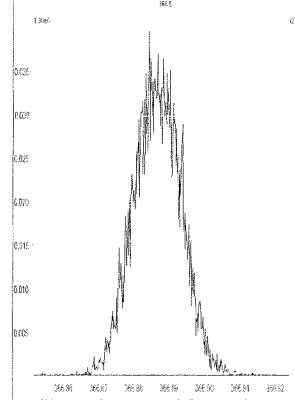
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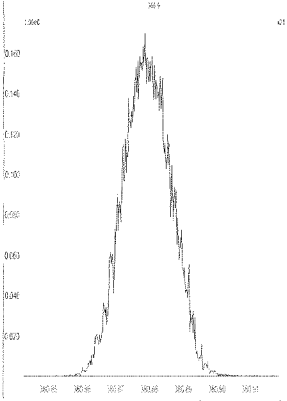
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M 366.9792 R 12251



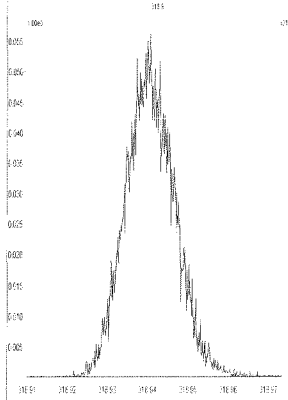
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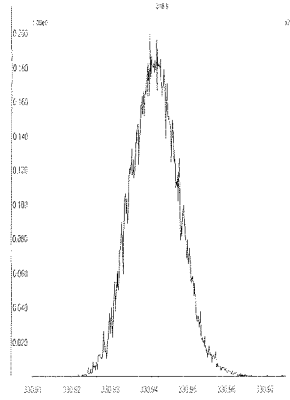
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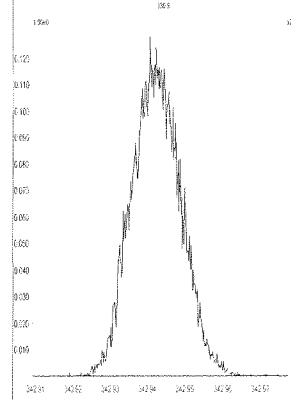
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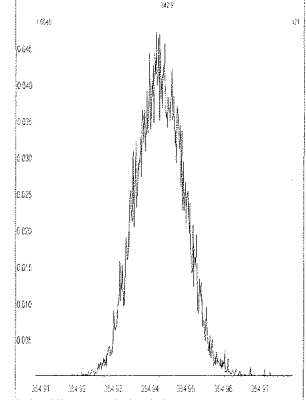
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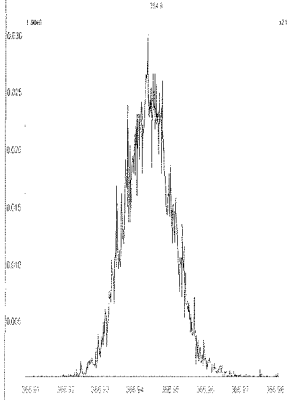
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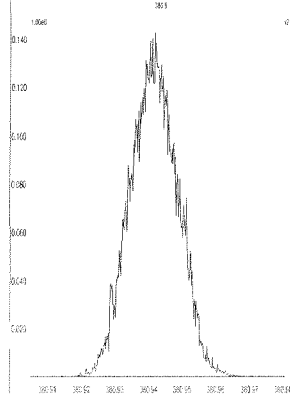
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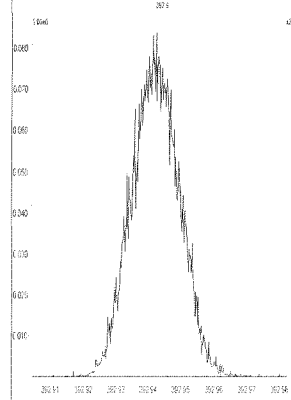
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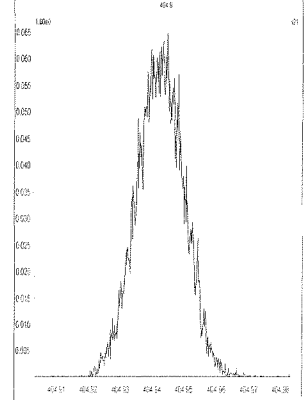
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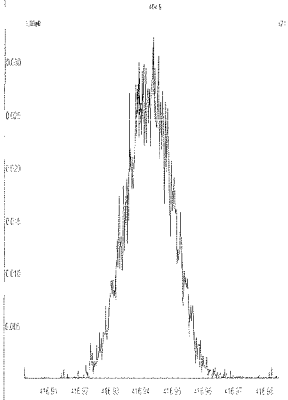
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M 404.9760 R 11740



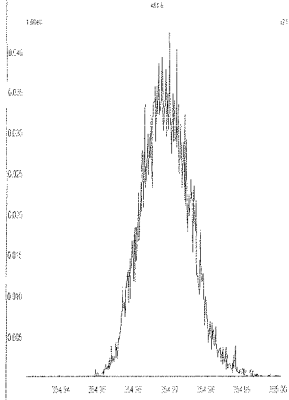
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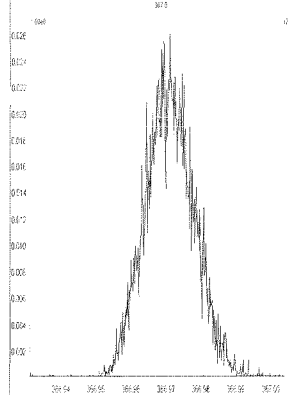
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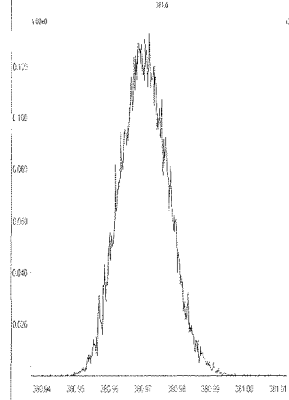
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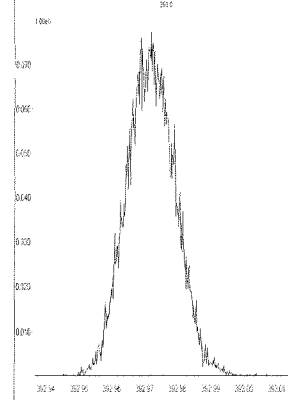
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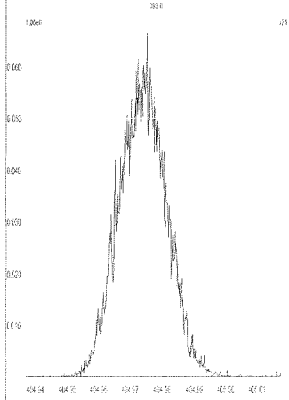
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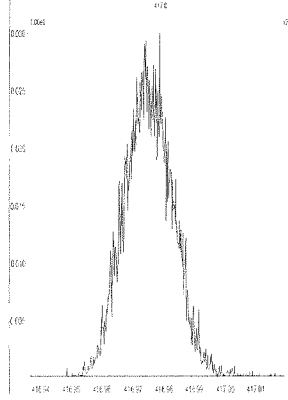
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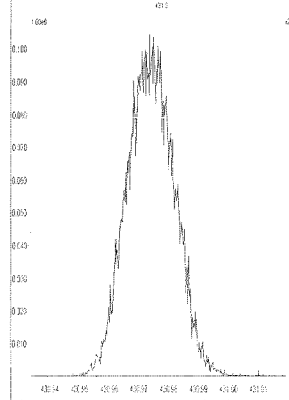
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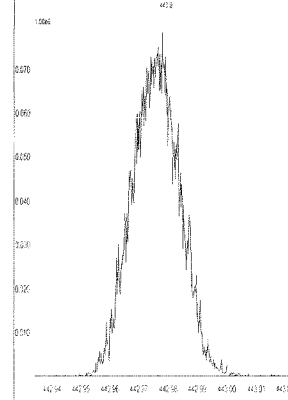
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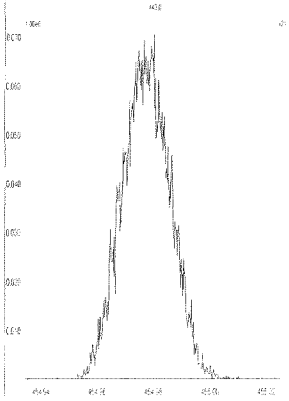
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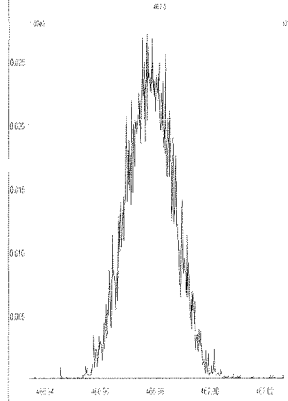
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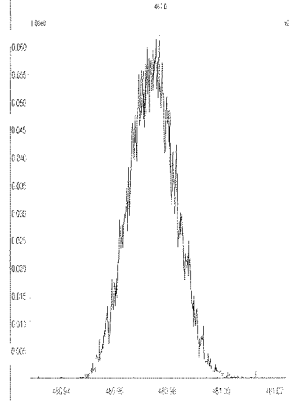
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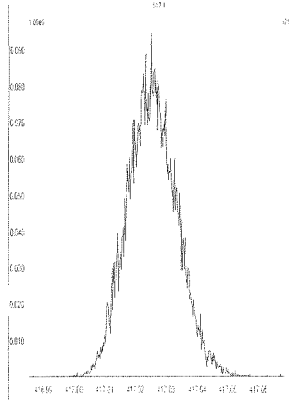
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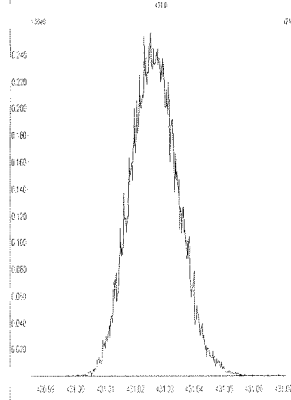
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Printed: Friday, January 14, 2011 17:38:47 Central Standard Time

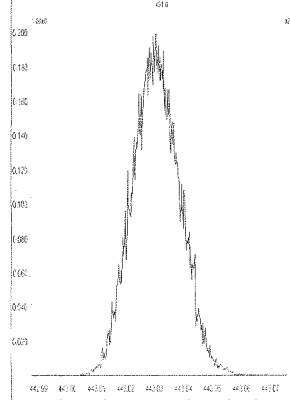
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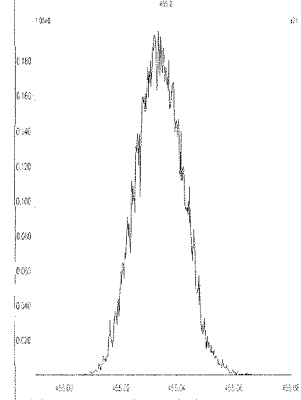
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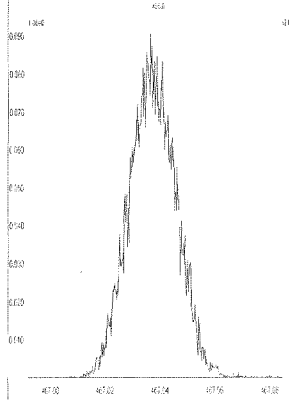
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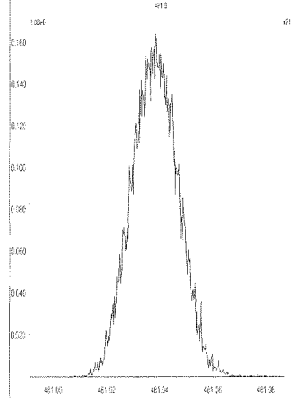
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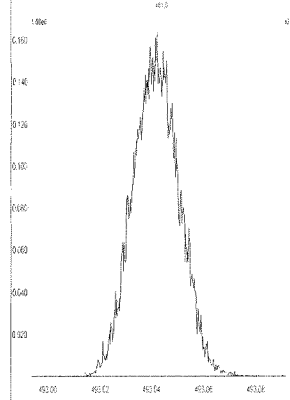
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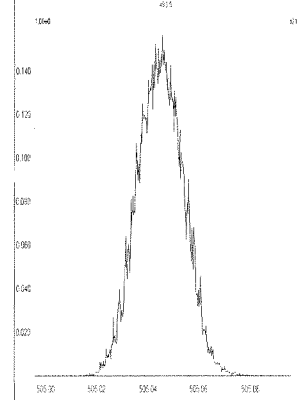
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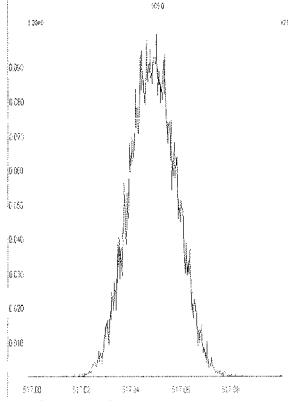
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M 504.9696 R 11847



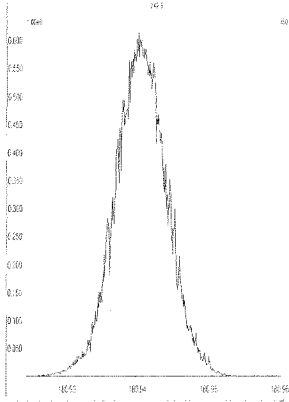
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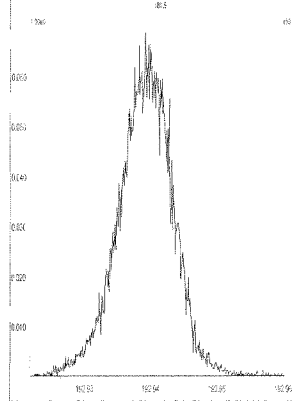
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Printed: Friday, January 14, 2011 19:10:51 Central Standard Time

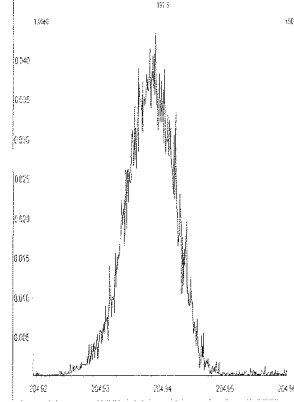
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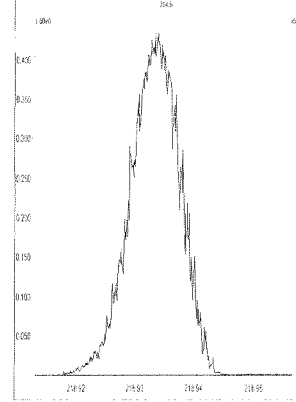
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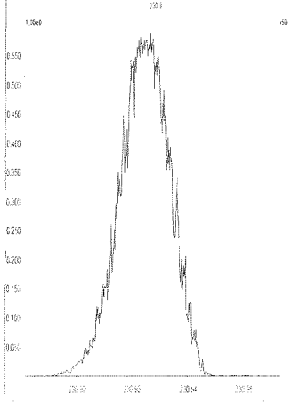
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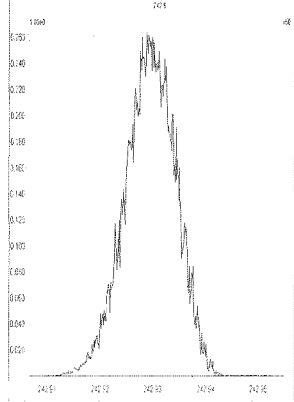
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M 230.9856 R 11012



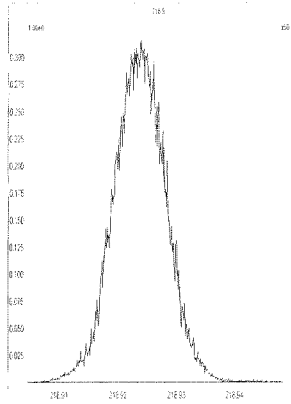
M 242.9856 R 11062



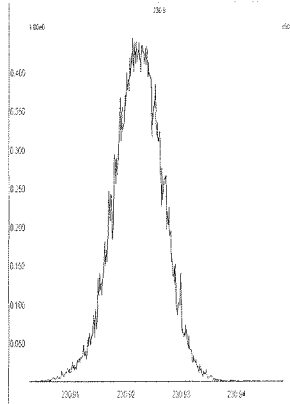
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Friday, January 14, 2011 19:11:02 Central Standard Time

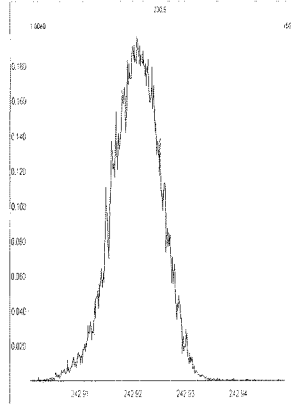
M 218.9856 R 9918



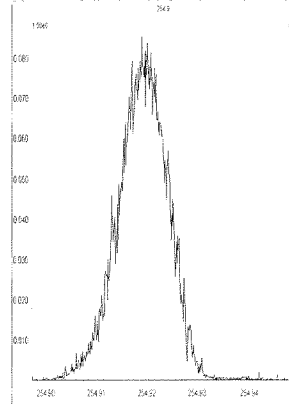
M 230.9856 R 10637



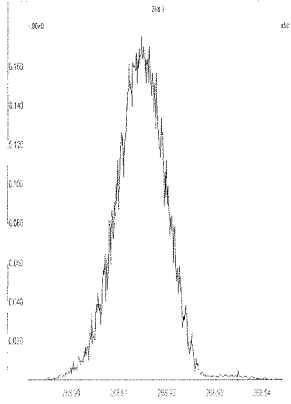
M 242.9856 R 11061



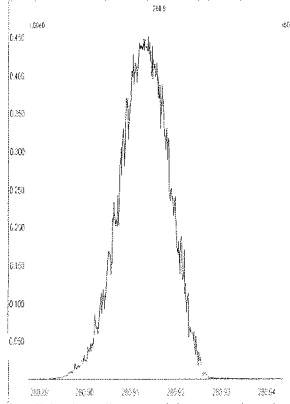
M 254.9856 R 11309



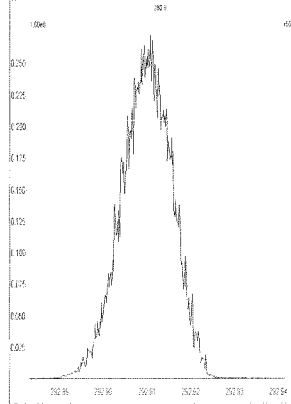
M 268.9824 R 11263



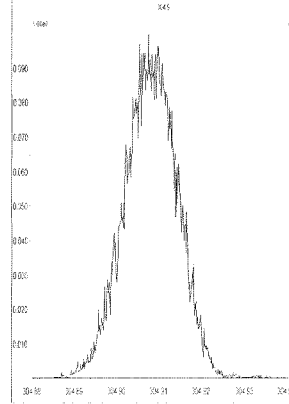
M 280.9824 R 11111



M 292.9824 R 11208



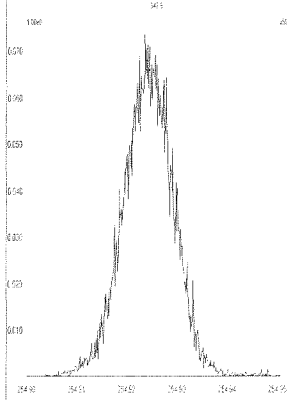
M 304.9824 R 10205



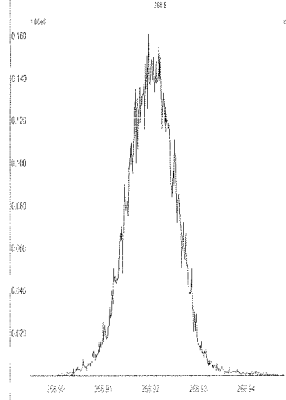
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Friday, January 14, 2011 19:11:19 Central Standard Time

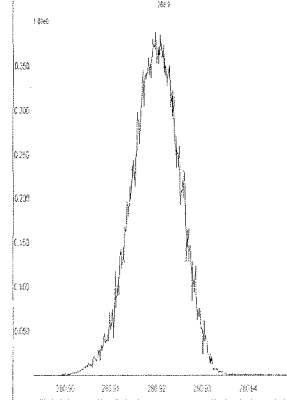
M 254.9856 R 11112



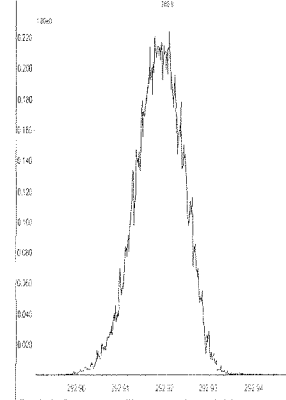
M 268.9824 R 11064



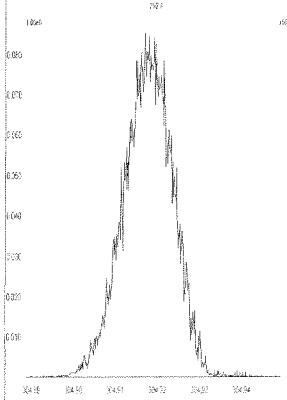
M 280.9824 R 11904



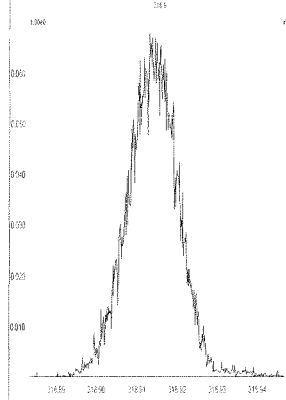
M 292.9824 R 11158



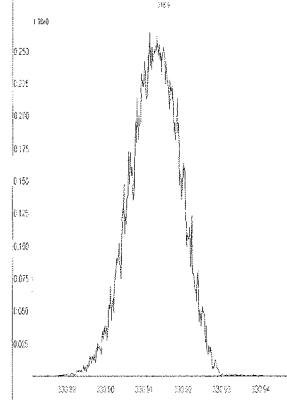
M 304.9824 R 11411



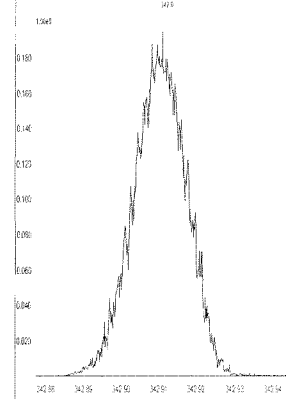
M 318.9792 R 11904



M 330.9792 R 11011



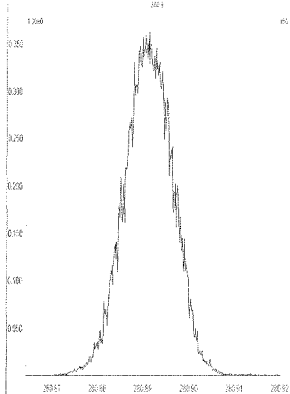
M 342.9792 R 11014



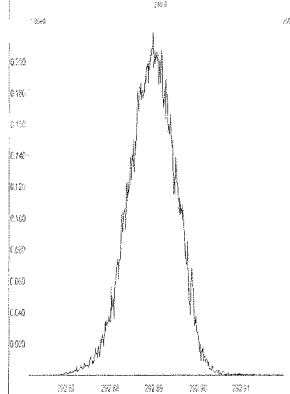
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Friday, January 14, 2011 19:11:38 Central Standard Time

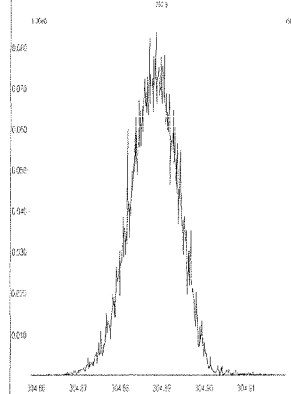
M 280.9824 R 11626



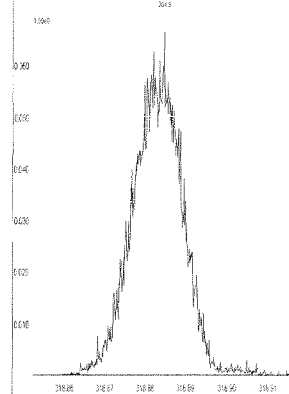
M 292.9824 R 12080



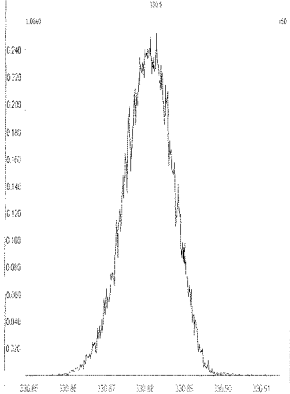
M 304.9824 R 11682



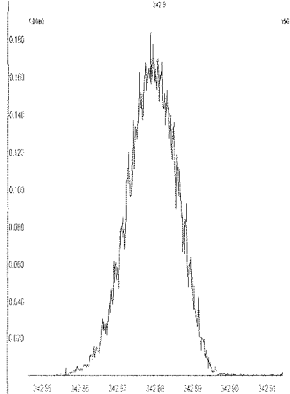
M 318.9792 R 11414



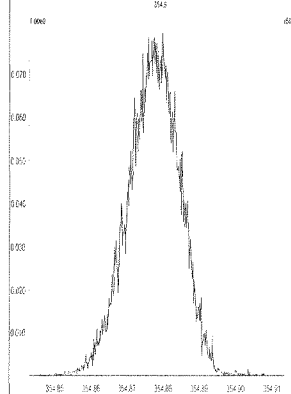
M 330.9792 R 10967



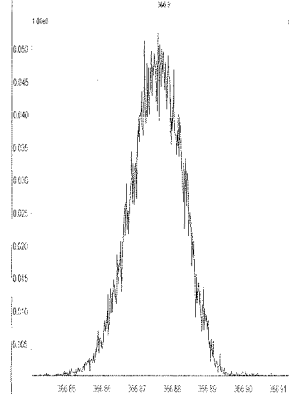
M 342.9792 R 11062



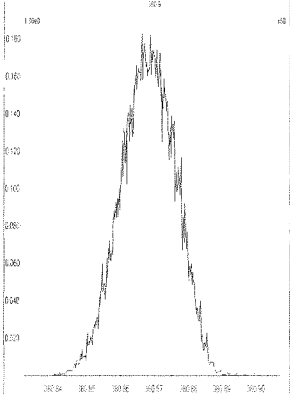
M 354.9792 R 11016



M 366.9792 R 10777



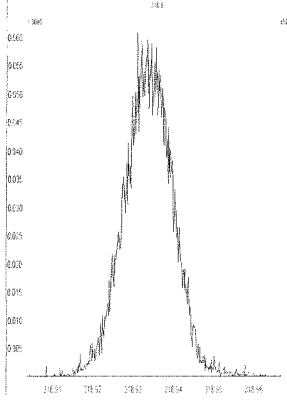
M 380.9760 R 10548



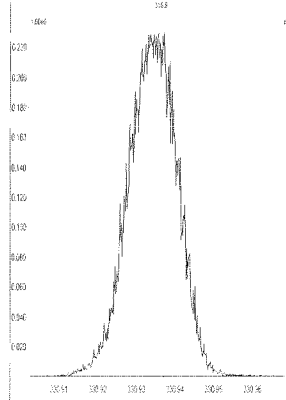
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Friday, January 14, 2011 19:11:56 Central Standard Time

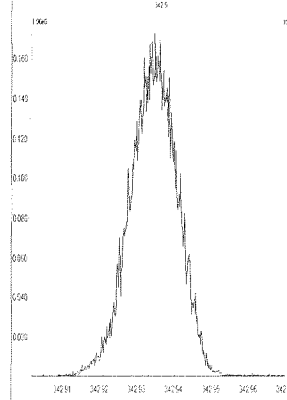
M 318.9792 R 12255



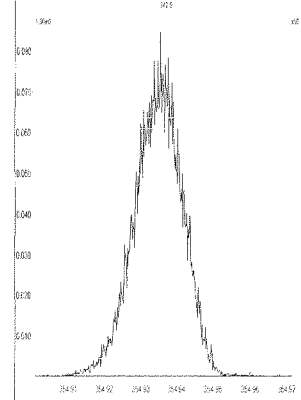
M 330.9792 R 11209



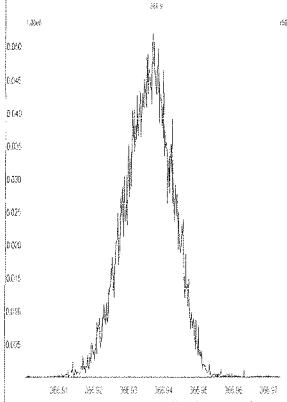
M 342.9792 R 12021



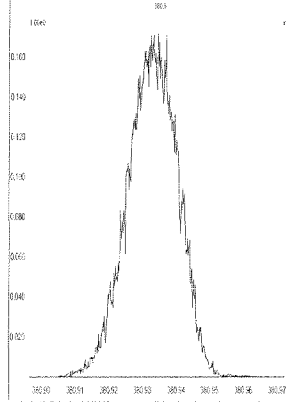
M 354.9792 R 11848



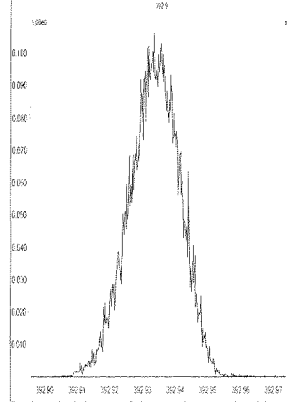
M 366.9792 R 11419



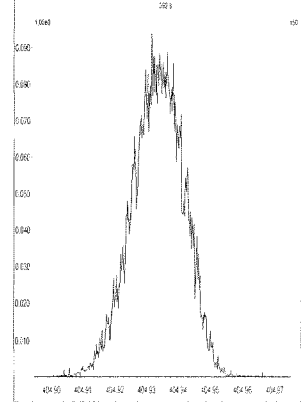
M 380.9760 R 11108



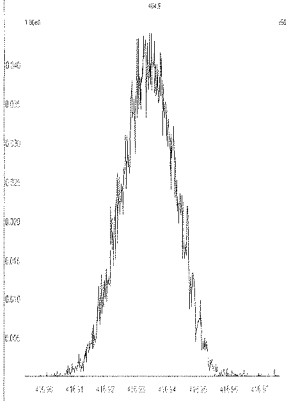
M 392.9760 R 11416



M 404.9760 R 10637



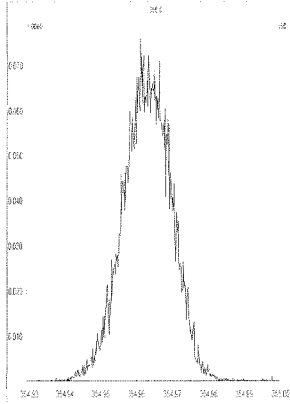
M 416.9760 R 10332



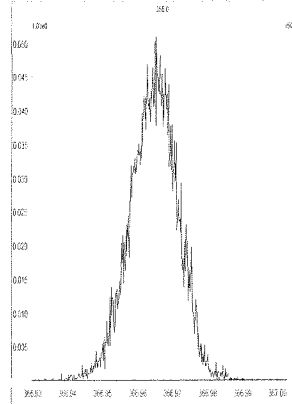
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 6 @ 200 (ppm)

Printed: Friday, January 14, 2011 19:12:19 Central Standard Time

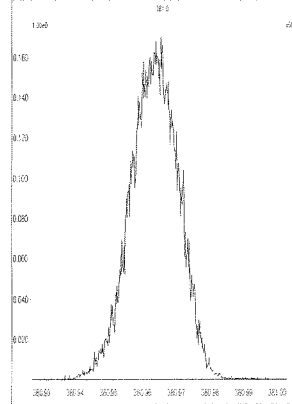
M 354.9792 R 11788



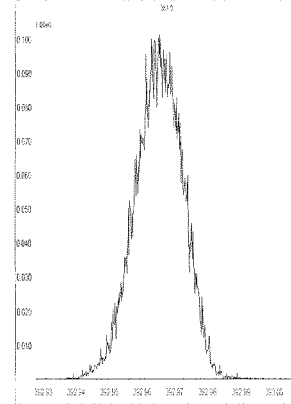
M 366.9792 R 12820



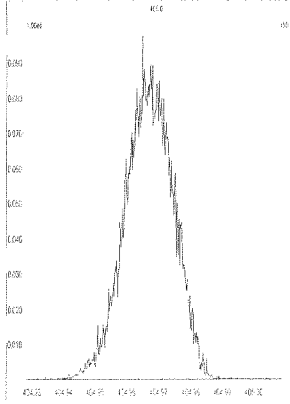
M 380.9760 R 11790



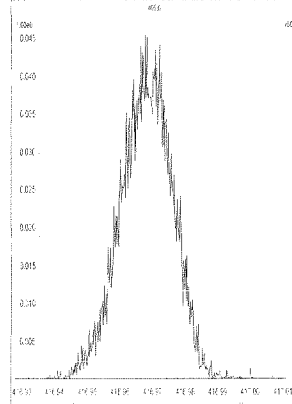
M 392.9760 R 11522



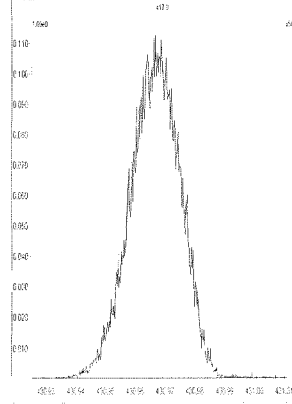
M 404.9760 R 12437



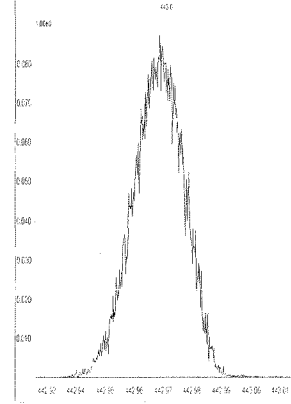
M 416.9760 R 11790



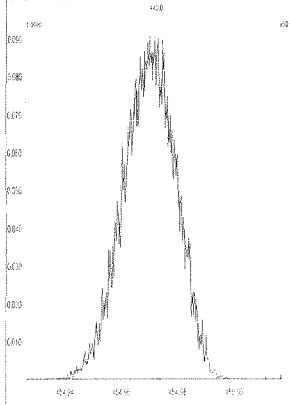
M 430.9728 R 11625



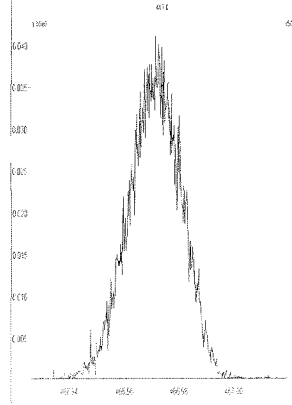
M 442.9728 R 10822



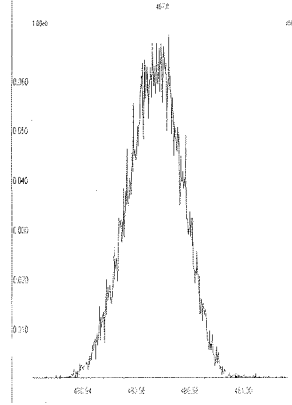
M 454.9728 R 10592



M 466.9728 R 10727



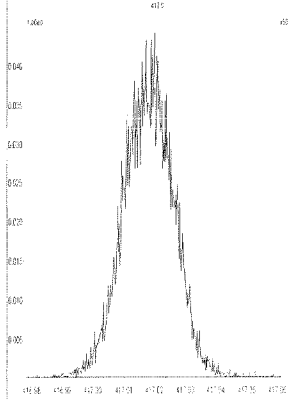
M 480.9696 R 10330



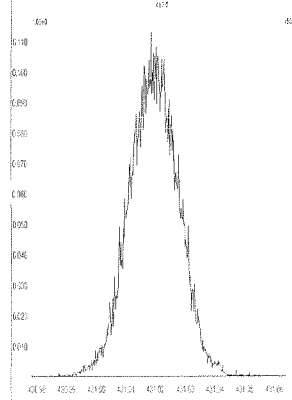
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 7 @ 200 (ppm)

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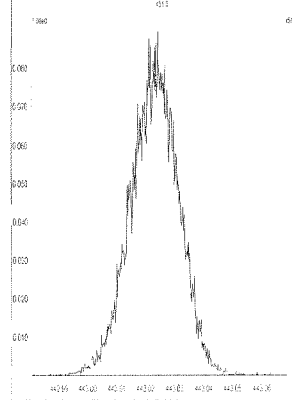
M 416.9760 R 11261



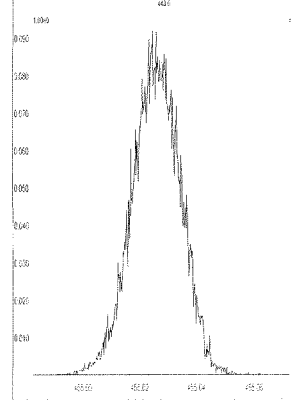
M 430.9728 R 11572



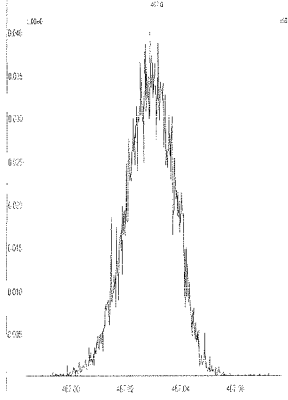
M 442.9728 R 11906



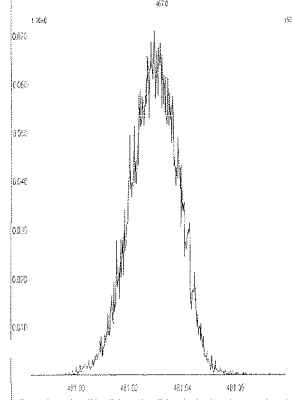
M 454.9728 R 11210



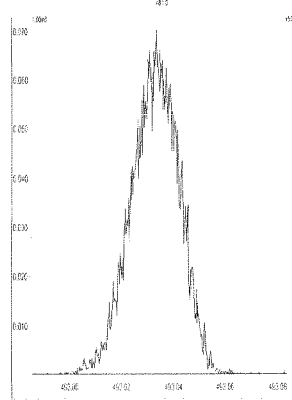
M 466.9728 R 12193



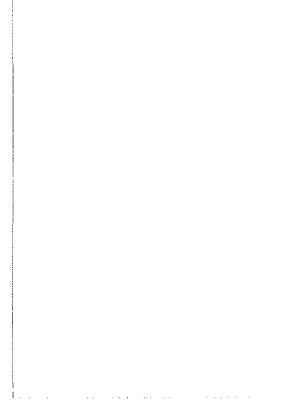
M 480.9696 R 11365



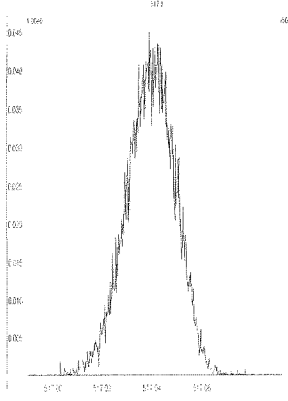
M 492.9696 R 11905



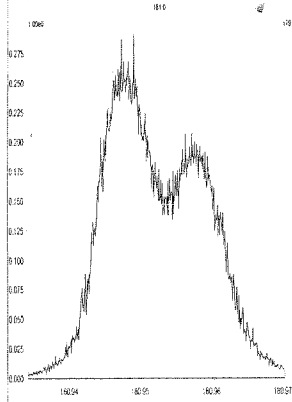
M 504.9696 R 11311



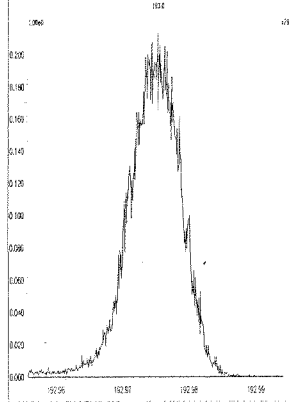
M 516.9697 R 12078



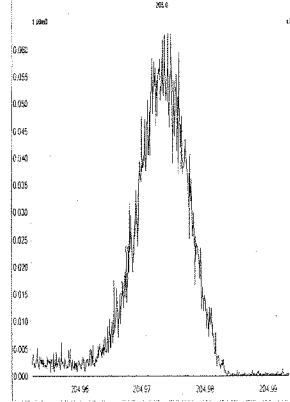
M 180.9888 R 5656



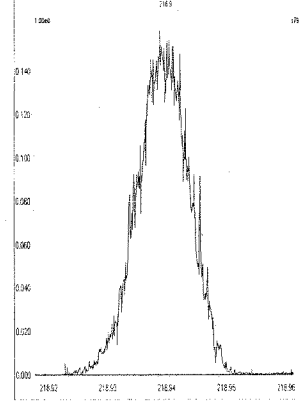
M 192.9888 R 11162



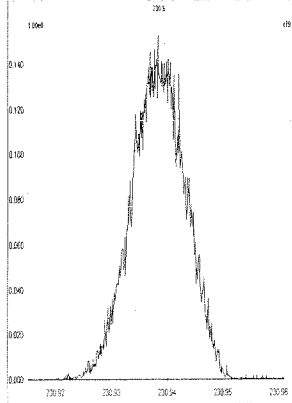
M 204.9888 R 11092



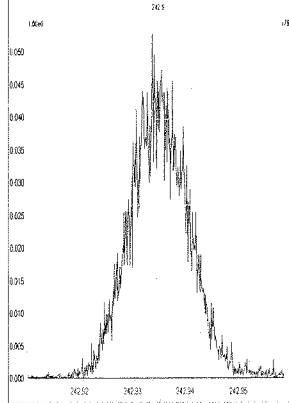
M 218.9856 R 10849



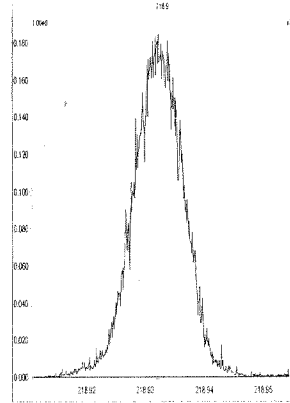
M 230.9856 R 10289



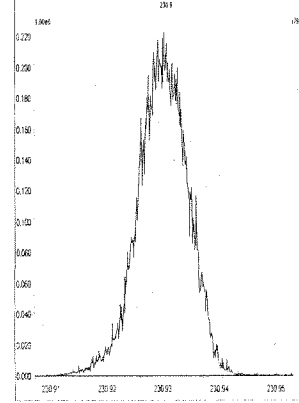
M 242.9856 R 10112



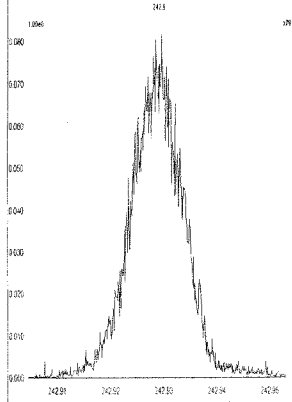
M 218.9856 R 11522



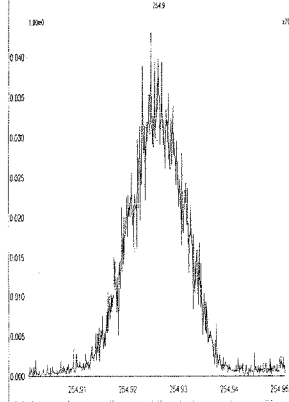
M 230.9856 R 11186



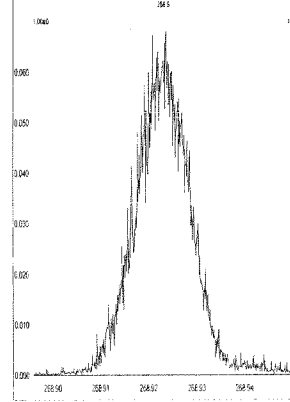
M 242.9856 R 11112



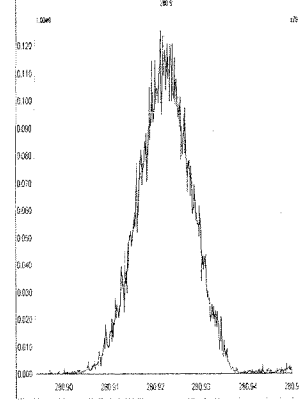
M 254.9856 R 10394



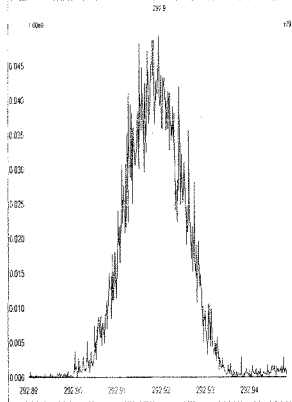
M 268.9824 R 10753



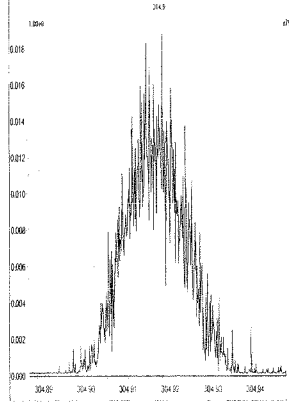
M 280.9824 R 10162



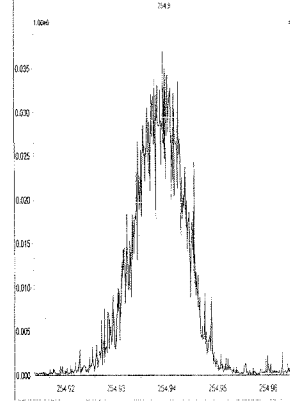
M 292.9824 R 10418



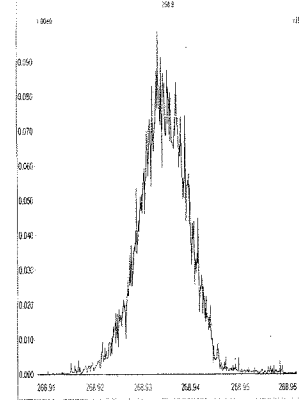
M 304.9824 R 10422



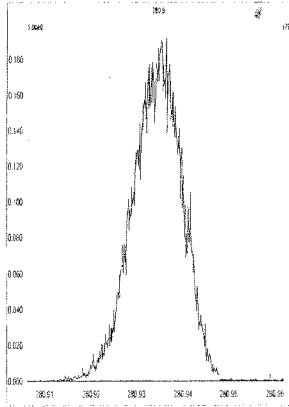
M 254.9856 R 11849



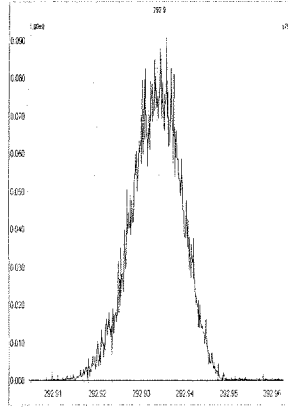
M 268.9824 R 11765



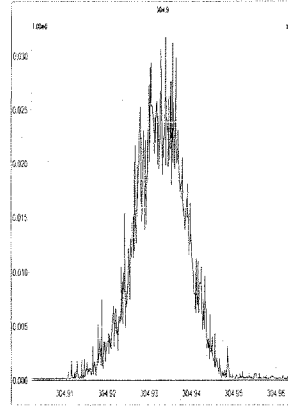
M 280.9824 R 11499



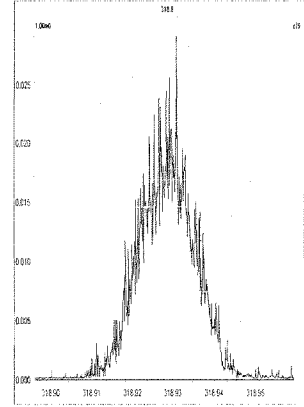
M 292.9824 R 11266



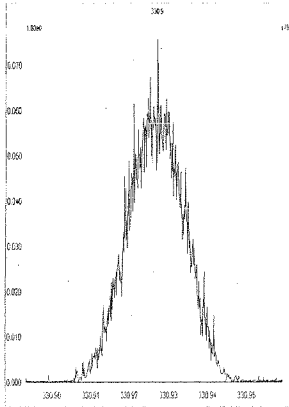
M 304.9824 R 11654



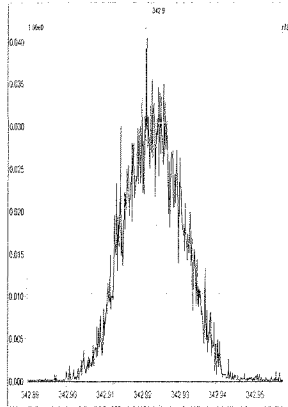
M 318.9792 R 10732



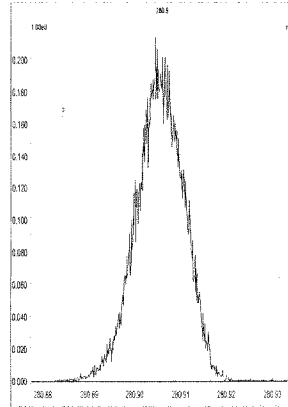
M 330.9792 R 10082



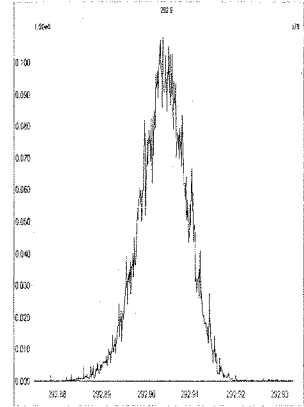
M 342.9792 R 10492



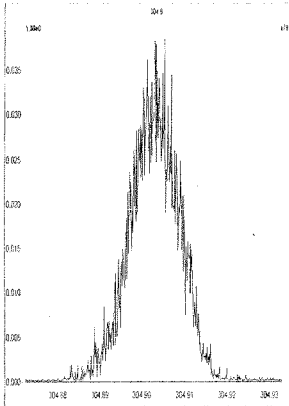
M 280.9824 R 11821



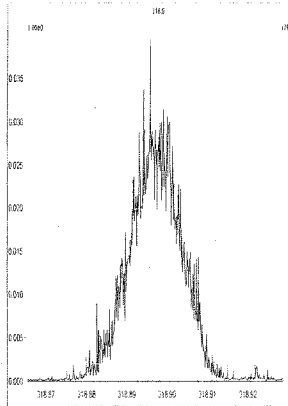
M 292.9824 R 11900



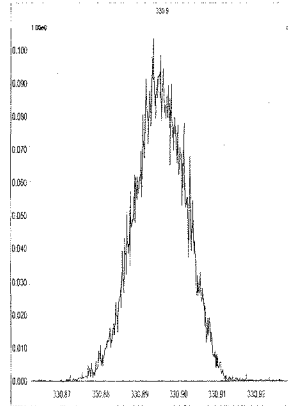
M 304.9824 R 11908



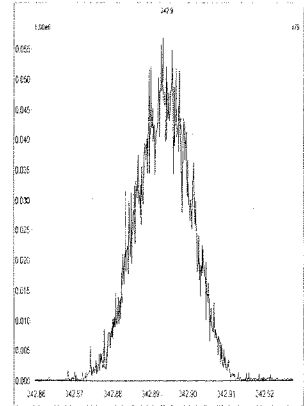
M 318.9792 R 12126



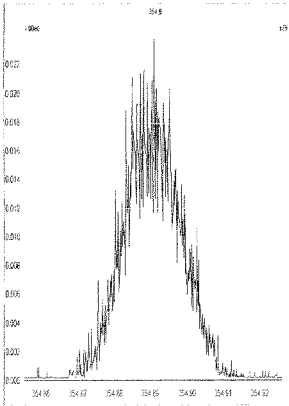
M 330.9792 R 11192



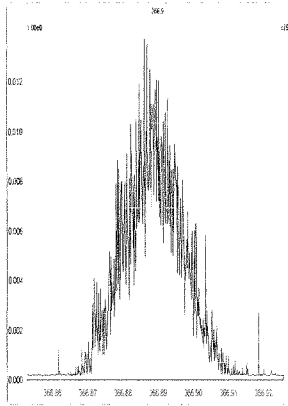
M 342.9792 R 11111



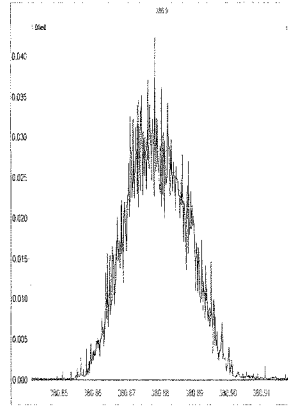
M 354.9792 R 10581



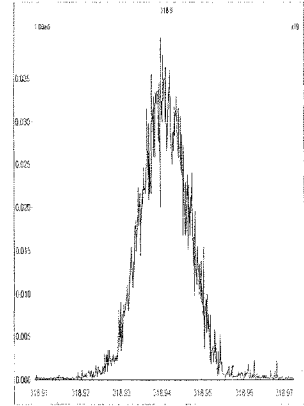
M 366.9792 R 9963



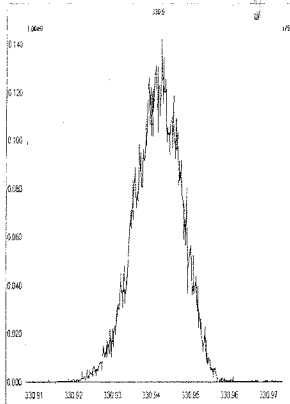
M 380.9760 R 9542



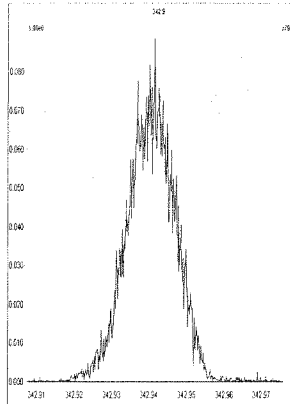
M 318.9792 R 12637



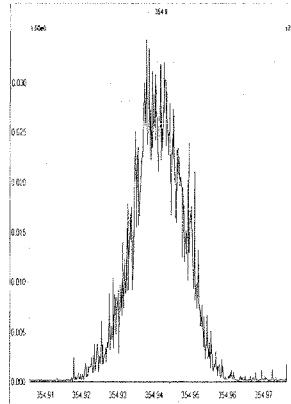
M 330.9792 R 11876



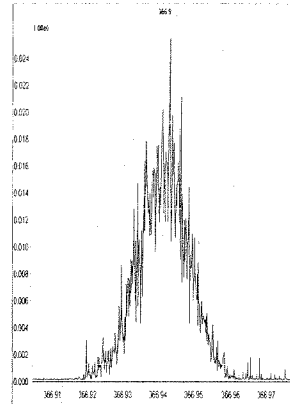
M 342.9792 R 12315



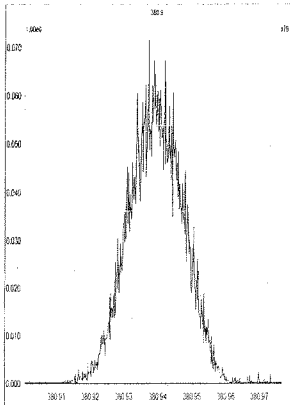
M 354.9792 R 11577



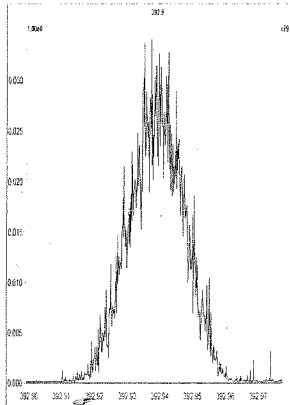
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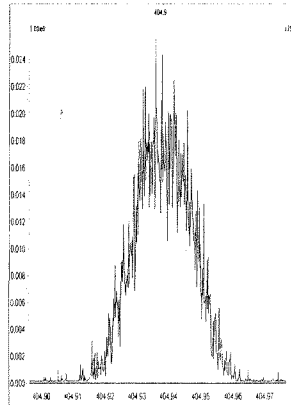
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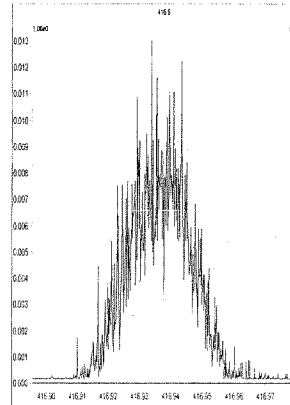
M 392.9760 R 10991



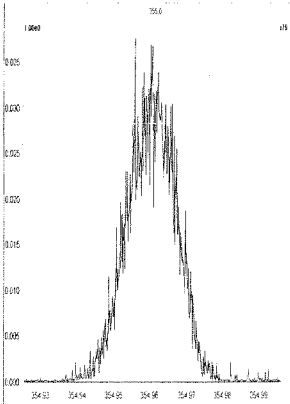
M 404.9760 R 10422



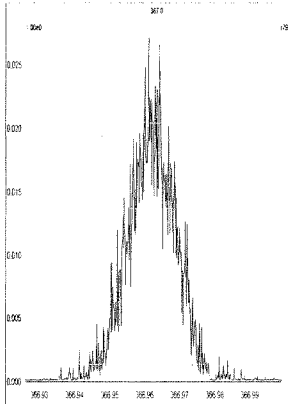
M 416.9760 R 10504



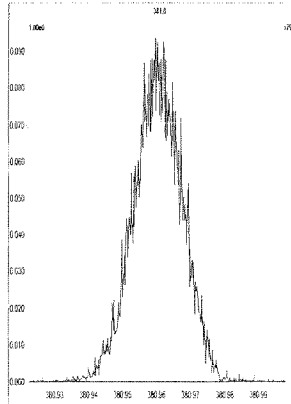
M 354.9792 R 12658



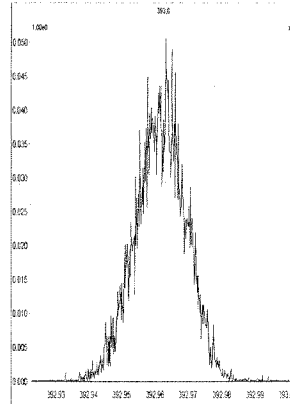
M 366.9792 R 13297



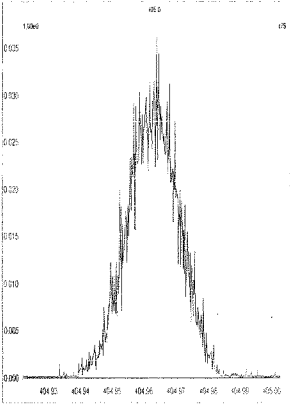
M 380.9760 R 11468



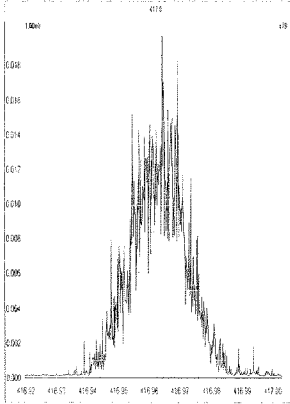
M 392.9760 R 11779



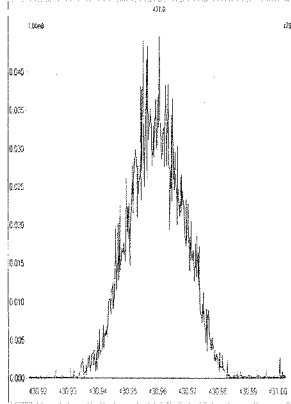
M 404.9760 R 11820



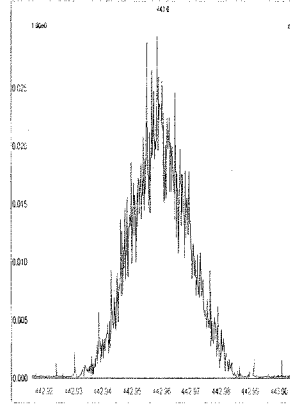
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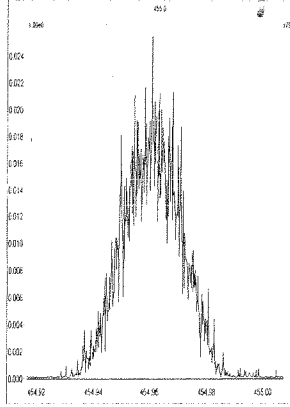
M 430.9728 R 10683



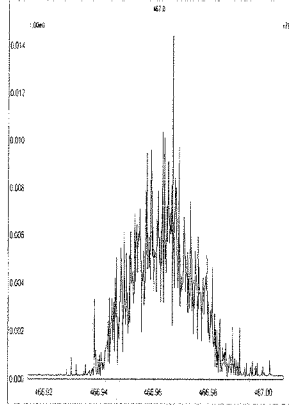
M 442.9728 R 10419



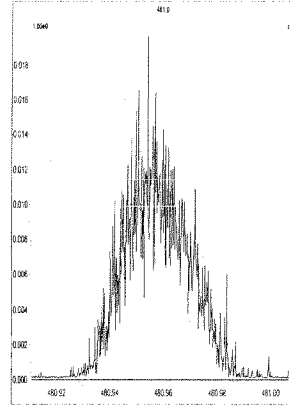
M 454.9728 R 9937



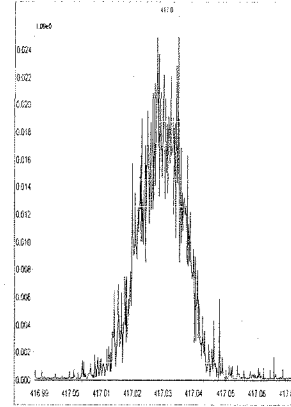
M 466.9728 R 10777



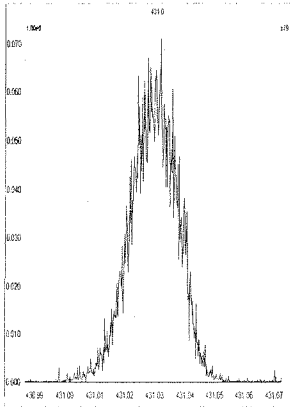
M 480.9696 R 10357



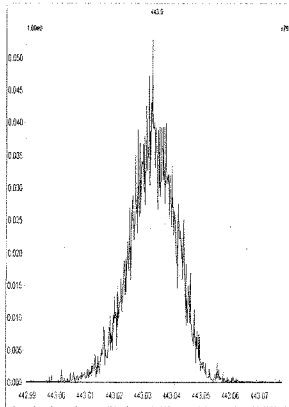
M 416.9760 R 13074



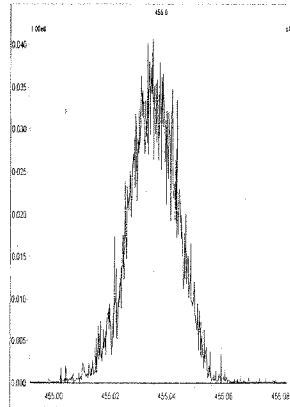
M 430.9728 R 12468



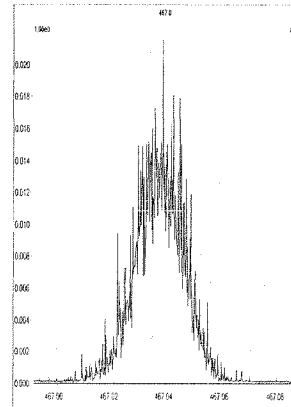
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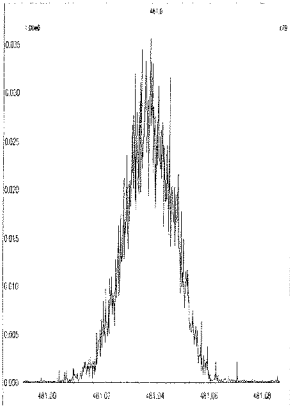
M 454.9728 R 12194



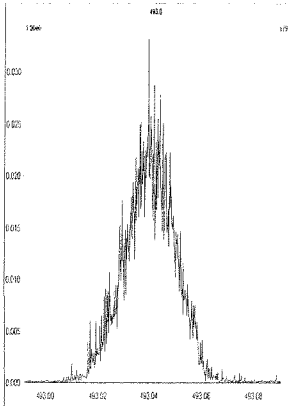
M 466.9728 R 12051



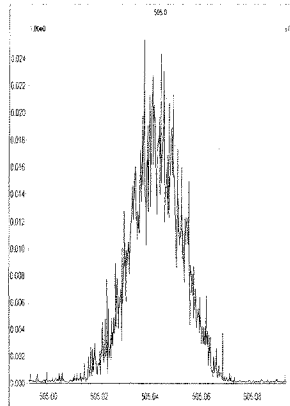
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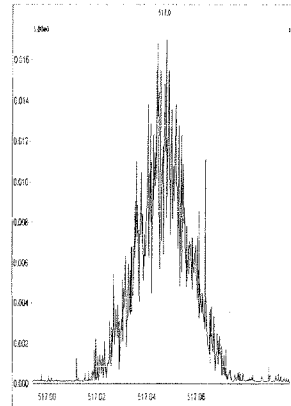
M 492.9696 R 11647



M 504.9696 R 11839



M 516.9697 R 10731



DCCS2091

METHOD 1668A
DILUTED COMBINED 209 CONGENER SOLUTION (DCCS-209)

CLIENT ID:

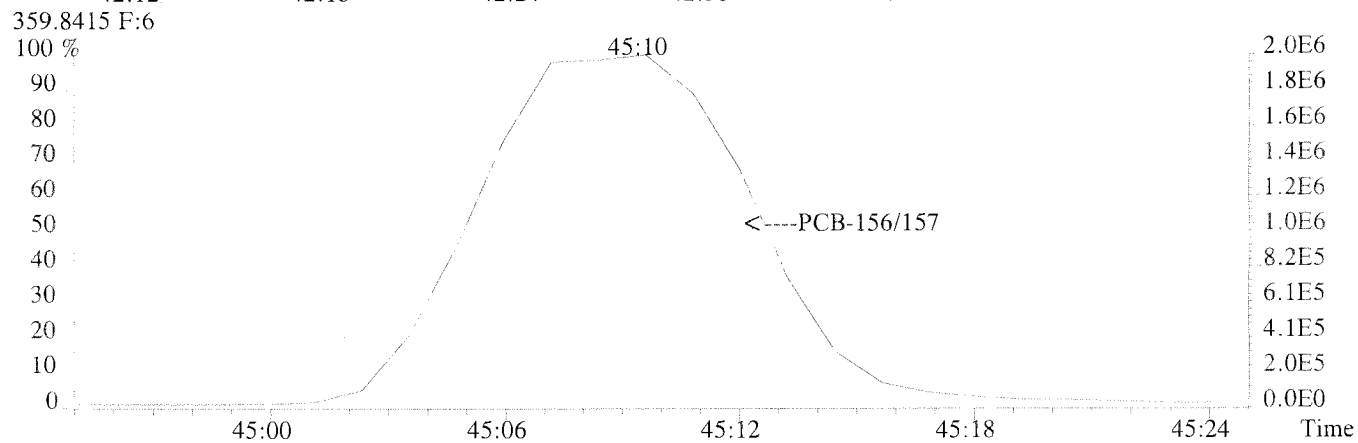
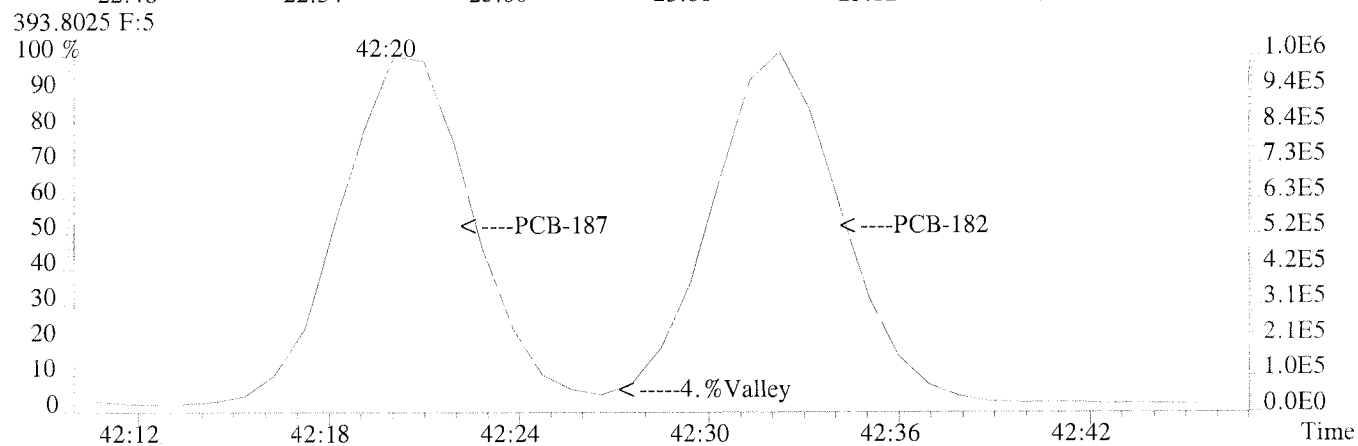
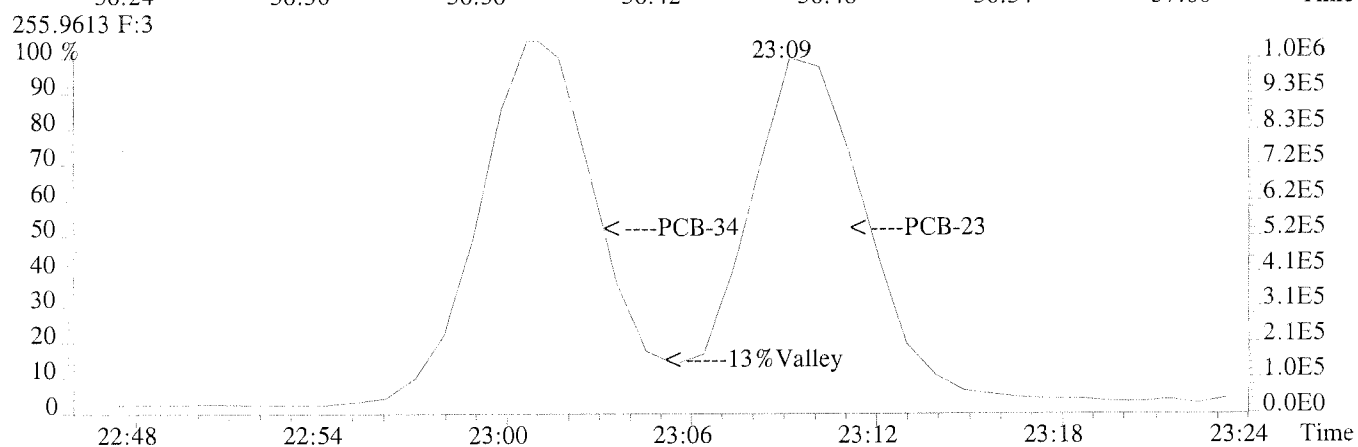
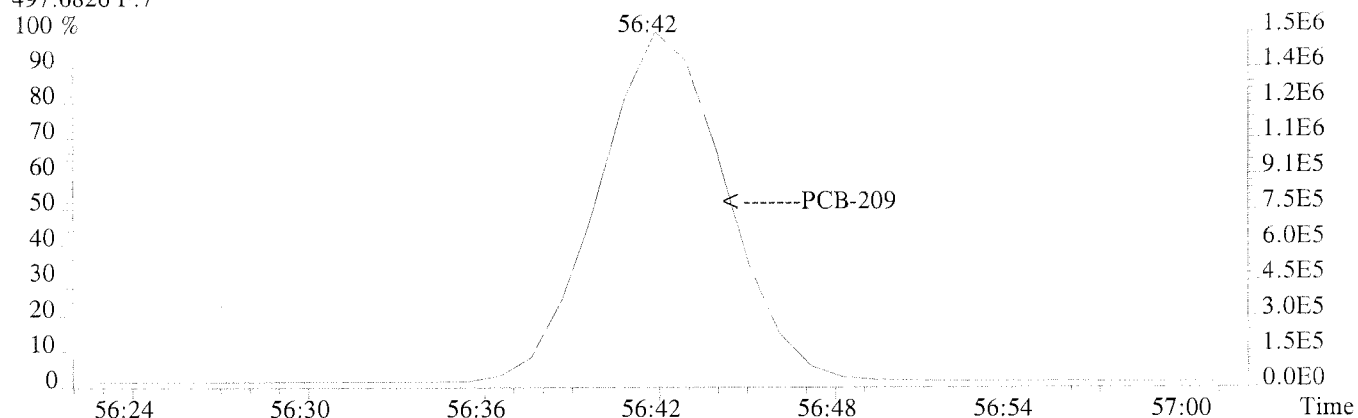
DCCS-209

Lab Name: COLUMBIA ANALYTICAL SERVICES
Lab Code: CAS Case No.: _____ SDG No.:
GC Column: SPB-Octyl ID: 0.25 (mm) Lab File ID: U224748
Date Analyzed: 14-JAN-2011
Time Analyzed: 19:13:40

Retention Time for PCB 209:	(>55 min)	56:42
% Valley between PCB 34 and PCB 23:	(<40%)	13
% Valley between PCB 187 and PCB 182:	(<40%)	4.
Seconds of coelution between PCB 156 and PCB 157: (<2 sec)		0

Reference: Section 6.9.1.1 Method 1668A with corrections and changes through Aug 30, 2003.

File:U224748 #1-400 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
497.6826 F:7



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
PCB-209 INJ

Run #8 Filename U224748 Samp: 1 Inj: 1 Acquired: 14-JAN-11 19:13:40
Processed: 17-JAN-11 09:31:28 Sample ID: DCCS-209

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet	Mod?	RRF	
1	1	PCB-1	NotFnd	*	*	*	n	n	1.0617
2	1	PCB-2	14:58	7.168e+03	2.275e+03	3.15	y	n	0.9704
3	1	PCB-3	NotFnd	*	*	*	n	n	1.0567
4	1	PCB-4	NotFnd	*	*	*	n	n	0.9523
5	1	PCB-10	15:35	7.415e+03	4.641e+03	1.60	y	n	1.3785
6	2	PCB-9	17:23	5.080e+03	3.326e+03	1.53	y	n	0.9612
7	2	PCB-7	17:33	5.363e+03	3.384e+03	1.59	y	n	1.0002
8	2	PCB-6	17:48	5.493e+03	3.548e+03	1.55	y	n	1.0339
9	2	PCB-5	18:06	4.637e+03	2.956e+03	1.57	y	n	0.8682
10	2	PCB-8	18:13	6.035e+03	3.760e+03	1.61	y	n	1.1200
11	2	PCB-14	19:50	5.578e+03	3.482e+03	1.60	y	n	1.0360
12	2	PCB-11	20:41	5.519e+03	3.396e+03	1.63	y	n	1.0194
13	2	PCB-12/13	20:59	1.086e+04	6.678e+03	1.63	y	n	1.0026
14	2	PCB-15	NotFnd	*	*	*	n	n	0.9734
15	2	PCB-19	NotFnd	*	*	*	n	n	1.0211
16	2	PCB-18/30	20:20	7.666e+03	7.582e+03	1.01	y	n	0.9619
17	2	PCB-17	20:47	3.224e+03	3.286e+03	0.98	y	n	0.8213
18	2	PCB-27	21:00	4.567e+03	4.635e+03	0.99	y	n	1.1610
19	2	PCB-24	21:08	4.115e+03	4.125e+03	1.00	y	n	1.0395
20	2	PCB-16	21:16	2.810e+03	2.761e+03	1.02	y	n	0.7028
21	2	PCB-32	21:46	4.935e+03	4.819e+03	1.02	y	n	1.2306
22	3	PCB-34	23:01	4.891e+03	4.752e+03	1.03	y	y	1.2167
23	3	PCB-23	23:10	4.680e+03	4.650e+03	1.01	y	y	1.1771
24	3	PCB-26/29	23:29	1.062e+04	1.007e+04	1.06	y	n	1.3051
25	3	PCB-25	23:43	5.894e+03	5.578e+03	1.06	y	n	1.4473
26	3	PCB-31	24:02	5.307e+03	5.226e+03	1.02	y	n	1.3289
27	3	PCB-20/28	24:21	1.010e+04	9.509e+03	1.06	y	n	1.2370
28	3	PCB-21/33	24:31	1.068e+04	9.893e+03	1.08	y	y	1.2980
29	3	PCB-22	24:58	4.730e+03	4.394e+03	1.08	y	n	1.1512
30	3	PCB-36	26:30	5.469e+03	5.140e+03	1.06	y	y	1.3385
31	3	PCB-39	26:52	5.218e+03	5.057e+03	1.03	y	n	1.2963
32	3	PCB-38	27:26	5.213e+03	5.078e+03	1.03	y	n	1.2983
33	3	PCB-35	27:55	5.109e+03	4.803e+03	1.06	y	y	1.2506
34	3	PCB-37	NotFnd	*	*	*	n	n	1.0819
35	2	PCB-54	NotFnd	*	*	*	n	n	0.9626
36	3	PCB-50/53	23:46	1.144e+04	1.532e+04	0.75	y	n	0.8145
37	3	PCB-45/51	24:30	1.121e+04	1.450e+04	0.77	y	y	0.7826
38	3	PCB-46	24:46	5.080e+03	6.650e+03	0.76	y	n	0.7142
39	3	PCB-52	26:09	6.291e+03	8.185e+03	0.77	y	y	0.8813
40	3	PCB-43/73	26:17	1.230e+04	1.620e+04	0.76	y	y	0.8676
41	3	PCB-49/69	26:35	1.413e+04	1.863e+04	0.76	y	n	0.9971
42	3	PCB-48	26:55	5.804e+03	7.761e+03	0.75	y	n	0.8258
43	3	PCB-44/47/65	27:10	1.957e+04	2.562e+04	0.76	y	n	0.9170
44	3	PCB-59/62/75	27:28	2.390e+04	3.064e+04	0.78	y	y	1.1069
45	3	PCB-42	27:40	5.977e+03	7.751e+03	0.77	y	y	0.8357
46	3	PCB-40/41/71	28:11	1.775e+04	2.342e+04	0.76	y	y	0.8356
47	3	PCB-64	28:23	8.244e+03	1.096e+04	0.75	y	y	1.1693
48	3	PCB-72	29:12	8.495e+03	1.108e+04	0.77	y	n	1.1917
49	3	PCB-68	29:28	8.341e+03	1.072e+04	0.78	y	y	1.1605
50	3	PCB-57	29:54	8.197e+03	1.078e+04	0.76	y	y	1.1554

51	3	PCB-58	30:09	8.088e+03	1.058e+04	0.76	y	y	1.1364
52	3	PCB-67	30:18	9.086e+03	1.215e+04	0.75	y	y	1.2931
53	3	PCB-63	30:34	8.741e+03	1.168e+04	0.75	y	y	1.2433
54	3	PCB-61/70/74/76	30:55	3.301e+04	4.355e+04	0.76	y	y	1.1652
55	3	PCB-66	31:15	8.741e+03	1.141e+04	0.77	y	n	1.2268
56	3	PCB-55	31:24	7.533e+03	9.725e+03	0.77	y	y	1.0507
57	4	PCB-56	31:55	7.906e+03	9.961e+03	0.79	y	n	1.0877
58	4	PCB-60	32:08	7.776e+03	9.988e+03	0.78	y	n	1.0815
59	4	PCB-80	32:31	9.132e+03	1.183e+04	0.77	y	n	1.2762
60	4	PCB-79	34:03	9.452e+03	1.194e+04	0.79	y	n	1.3021
61	4	PCB-78	34:35	8.271e+03	1.075e+04	0.77	y	n	1.1577
62	4	PCB-81	NotFnd	*	*	*	n	n	1.0839
63	4	PCB-77	NotFnd	*	*	*	n	n	1.0368
64	3	PCB-104	NotFnd	*	*	*	n	n	1.0032
65	3	PCB-96	27:29	9.651e+03	5.992e+03	1.61	y	n	0.9461
66	3	PCB-103	29:22	8.193e+03	5.251e+03	1.56	y	n	0.8131
67	3	PCB-94	29:37	6.611e+03	4.200e+03	1.57	y	n	0.6539
68	3	PCB-95	30:03	7.659e+03	4.817e+03	1.59	y	n	0.7546
69	3	PCB-93/100	30:15	1.419e+04	8.988e+03	1.58	y	y	0.7009
70	3	PCB-98/102	30:25	1.489e+04	9.671e+03	1.54	y	y	0.7426
71	3	PCB-88/91	30:55	1.445e+04	9.282e+03	1.56	y	y	0.7176
72	3	PCB-84	31:09	6.684e+03	4.283e+03	1.56	y	n	0.6633
73	3	PCB-89	31:37	7.002e+03	4.496e+03	1.56	y	n	0.6954
74	4	PCB-121	32:00	9.430e+03	5.963e+03	1.58	y	n	0.9310
75	4	PCB-92	32:23	7.148e+03	4.539e+03	1.57	y	n	0.7068
76	4	PCB-90/101/113	32:57	2.434e+04	1.548e+04	1.57	y	n	0.8027
77	4	PCB-83/99	33:32	1.373e+04	8.741e+03	1.57	y	y	0.6796
78	4	PCB-112	33:39	1.029e+04	6.452e+03	1.60	y	y	1.0127
79	4	PCB-86/87/97/109/119/125	34:02	4.983e+04	3.182e+04	1.57	y	y	0.8230
80	4	PCB-117	34:40	8.522e+03	5.506e+03	1.55	y	y	0.8484
81	4	PCB-85/116	34:46	1.790e+04	1.140e+04	1.57	y	y	0.8859
82	4	PCB-110/115	34:59	1.962e+04	1.240e+04	1.58	y	n	0.9685
83	4	PCB-82	35:16	6.614e+03	4.209e+03	1.57	y	n	0.6546
84	4	PCB-111	35:37	9.321e+03	5.909e+03	1.58	y	y	0.9211
85	4	PCB-120	36:05	1.035e+04	6.638e+03	1.56	y	y	1.0275
86	5	PCB-108/124	37:13	1.800e+04	1.218e+04	1.48	y	n	0.9125
87	5	PCB-107	37:27	1.035e+04	6.817e+03	1.52	y	n	1.0384
88	5	PCB-123	NotFnd	*	*	*	n	n	1.0758
89	5	PCB-106	37:41	1.119e+04	6.884e+03	1.63	y	n	1.0932
90	5	PCB-118	NotFnd	*	*	*	n	n	1.1029
91	5	PCB-122	38:15	9.641e+03	5.997e+03	1.61	y	n	0.9458
92	5	PCB-114	NotFnd	*	*	*	n	n	1.0787
93	5	PCB-105	NotFnd	*	*	*	n	n	1.0593
94	5	PCB-127	40:32	9.849e+03	6.165e+03	1.60	y	n	0.9685
95	5	PCB-126	NotFnd	*	*	*	n	n	1.0408
96	4	PCB-155	NotFnd	*	*	*	n	n	0.9771
97	4	PCB-152	32:57	8.319e+03	6.822e+03	1.22	y	n	1.1965
98	4	PCB-150	33:06	7.712e+03	6.272e+03	1.23	y	n	1.1050
99	4	PCB-136	33:30	8.128e+03	6.629e+03	1.23	y	n	1.1661
100	4	PCB-145	33:46	7.498e+03	6.141e+03	1.22	y	n	1.0778
101	4	PCB-148	35:15	6.216e+03	5.009e+03	1.24	y	n	0.8871
102	4	PCB-135/151	35:50	1.178e+04	9.785e+03	1.20	y	y	0.8522
103	4	PCB-154	36:05	7.005e+03	5.887e+03	1.19	y	y	1.0188
104	4	PCB-144	36:24	6.230e+03	5.167e+03	1.21	y	y	0.9007
105	5	PCB-147/149	36:46	1.311e+04	1.062e+04	1.23	y	n	0.9377
106	5	PCB-134	36:59	5.440e+03	4.274e+03	1.27	y	n	0.7677
107	5	PCB-143	37:04	6.636e+03	5.330e+03	1.24	y	n	0.9456

108	5	PCB-139/140	37:21	1.331e+04	1.061e+04	1.25	y	n	0.9451
109	5	PCB-131	37:34	6.133e+03	4.830e+03	1.27	y	n	0.8664
110	5	PCB-142	37:42	5.953e+03	4.761e+03	1.25	y	n	0.8466
111	5	PCB-132	38:02	5.611e+03	4.617e+03	1.22	y	n	0.8083
112	5	PCB-133	38:30	6.076e+03	5.017e+03	1.21	y	n	0.8767
113	5	PCB-165	38:54	7.534e+03	6.204e+03	1.21	y	n	1.0856
114	5	PCB-146	39:09	7.393e+03	6.005e+03	1.23	y	n	1.0588
115	5	PCB-161	39:16	8.526e+03	6.976e+03	1.22	y	n	1.2250
116	5	PCB-153/168	39:46	1.534e+04	1.251e+04	1.23	y	n	1.1005
117	5	PCB-141	39:57	6.559e+03	5.373e+03	1.22	y	n	0.9429
118	5	PCB-130	40:22	5.739e+03	4.643e+03	1.24	y	n	0.8205
119	5	PCB-137	40:35	6.321e+03	5.104e+03	1.24	y	n	0.9029
120	5	PCB-164	40:42	8.169e+03	6.551e+03	1.25	y	n	1.1633
121	5	PCB-129/138/163	41:01	2.014e+04	1.647e+04	1.22	y	n	0.9643
122	5	PCB-160	41:10	7.795e+03	6.294e+03	1.24	y	n	1.1134
123	5	PCB-158	41:23	9.116e+03	7.397e+03	1.23	y	n	1.3050
124	5	PCB-128/166	42:13	1.424e+04	1.162e+04	1.23	y	n	1.0220
125	6	PCB-159	43:13	7.331e+03	5.838e+03	1.26	y	n	1.0406
126	6	PCB-162	43:30	7.038e+03	5.642e+03	1.25	y	n	1.0021
127	6	PCB-167	NotFnd	*	*	*	n	n	1.0299
128	6	PCB-156/157	NotFnd	*	*	*	n	n	1.0644
129	6	PCB-169	NotFnd	*	*	*	n	n	1.0362
130	5	PCB-188	NotFnd	*	*	*	n	n	0.9497
131	5	PCB-179	38:46	7.162e+03	6.993e+03	1.02	y	n	1.1594
132	5	PCB-184	39:15	6.734e+03	6.745e+03	1.00	y	n	1.1040
133	5	PCB-176	39:39	6.836e+03	6.694e+03	1.02	y	n	1.1081
134	5	PCB-186	40:06	6.231e+03	6.247e+03	1.00	y	n	1.0221
135	5	PCB-178	41:27	4.823e+03	4.789e+03	1.01	y	n	0.7873
136	5	PCB-175	42:04	5.111e+03	5.054e+03	1.01	y	n	0.8326
137	5	PCB-187	42:20	5.336e+03	5.269e+03	1.01	y	n	0.8686
138	5	PCB-182	42:32	5.310e+03	5.155e+03	1.03	y	n	0.8571
139	6	PCB-183	42:58	4.052e+03	4.255e+03	0.95	y	n	0.6804
140	6	PCB-185	43:04	4.221e+03	4.234e+03	1.00	y	n	0.6925
141	6	PCB-174	43:13	4.201e+03	4.146e+03	1.01	y	n	0.6836
142	6	PCB-177	43:39	3.913e+03	3.973e+03	0.98	y	n	0.6459
143	6	PCB-181	44:02	3.900e+03	4.003e+03	0.97	y	n	0.6473
144	6	PCB-171/173	44:15	7.744e+03	7.766e+03	1.00	y	n	0.6352
145	6	PCB-172	45:52	3.802e+03	3.818e+03	1.00	y	n	0.6241
146	6	PCB-192	46:09	4.511e+03	4.606e+03	0.98	y	n	0.7467
147	6	PCB-180/193	46:28	9.203e+03	9.428e+03	0.98	y	n	0.7630
148	6	PCB-191	46:51	5.090e+03	5.071e+03	1.00	y	n	0.8323
149	6	PCB-170	47:46	3.631e+03	3.546e+03	1.02	y	n	0.5878
150	6	PCB-190	48:17	5.413e+03	5.508e+03	0.98	y	n	0.8945
151	6	PCB-189	NotFnd	*	*	*	n	n	0.9118
152	6	PCB-202	NotFnd	*	*	*	n	n	0.8687
153	6	PCB-201	44:39	6.710e+03	7.732e+03	0.87	y	n	1.0150
154	6	PCB-204	45:19	6.693e+03	7.599e+03	0.88	y	n	1.0045
155	6	PCB-197	45:34	6.738e+03	7.766e+03	0.87	y	n	1.0194
156	6	PCB-200	45:41	6.456e+03	7.432e+03	0.87	y	n	0.9761
157	6	PCB-198/199	48:26	9.094e+03	1.049e+04	0.87	y	n	0.6882
158	6	PCB-196	49:06	4.821e+03	5.567e+03	0.87	y	n	0.7301
159	6	PCB-203	49:18	4.840e+03	5.560e+03	0.87	y	n	0.7310
160	6	PCB-195	50:37	4.490e+03	5.220e+03	0.86	y	n	0.6824
161	6	PCB-194	52:56	4.548e+03	5.254e+03	0.87	y	n	0.6889
162	6	PCB-205	NotFnd	*	*	*	n	n	0.9331
163	6	PCB-208	NotFnd	*	*	*	n	n	0.9147
164	6	PCB-207	51:17	4.797e+03	6.049e+03	0.79	y	n	0.9673

165	7	PCB-206	NotFnd	*	*	*	n	n	0.9373
166	7	PCB-209	NotFnd	*	*	*	n	n	0.9245
167	1	PCB-1L	12:57	2.822e+04	9.364e+03	3.01	y	n	1.1619
168	1	PCB-3L	15:08	3.041e+04	9.847e+03	3.09	y	n	1.1871
169	1	PCB-4L	15:23	1.852e+04	1.225e+04	1.51	y	n	0.9067
170	2	PCB-15L	21:18	2.360e+04	1.559e+04	1.51	y	n	1.0299
171	2	PCB-19L	18:31	1.188e+04	1.173e+04	1.01	y	n	0.6145
172	3	PCB-37L	28:19	2.027e+04	1.952e+04	1.04	y	n	1.3198
173	2	PCB-54L	21:36	1.289e+04	1.598e+04	0.81	y	n	1.2606
174	4	PCB-81L	35:02	1.551e+04	2.000e+04	0.78	y	n	1.0877
175	4	PCB-77L	35:35	1.506e+04	1.912e+04	0.79	y	n	1.0905
176	3	PCB-104L	27:04	1.926e+04	1.235e+04	1.56	y	n	1.4802
177	5	PCB-123L	37:33	1.967e+04	1.279e+04	1.54	y	n	1.2142
178	5	PCB-118L	37:53	2.088e+04	1.376e+04	1.52	y	n	1.2461
179	5	PCB-114L	38:24	2.035e+04	1.322e+04	1.54	y	n	1.2363
180	5	PCB-105L	39:04	2.059e+04	1.339e+04	1.54	y	n	1.1971
181	5	PCB-126L	42:08	1.974e+04	1.301e+04	1.52	y	n	1.1046
182	4	PCB-155L	32:41	1.770e+04	1.396e+04	1.27	y	n	1.5987
183	6	PCB-167L	43:58	1.360e+04	1.100e+04	1.24	y	n	1.0506
184	6	PCB-156/157L	45:07	2.719e+04	2.180e+04	1.25	y	n	0.9622
185	6	PCB-169L	48:20	1.196e+04	9.341e+03	1.28	y	n	0.8858
186	5	PCB-188L	38:23	1.502e+04	1.434e+04	1.05	y	n	2.4832
187	6	PCB-189L	50:50	9.837e+03	9.640e+03	1.02	y	n	1.5028
188	6	PCB-202L	43:44	9.549e+03	1.059e+04	0.90	y	n	1.7573
189	6	PCB-205L	53:23	8.405e+03	9.400e+03	0.89	y	n	1.3167
190	6	PCB-208L	50:21	6.718e+03	8.282e+03	0.81	y	n	1.4456
191	7	PCB-206L	55:06	6.524e+03	8.376e+03	0.78	y	n	1.1761
192	7	PCB-209L	56:41	1.049e+04	8.815e+03	1.19	y	n	1.6061
193	3	PCB-28L	NotFnd	*	*	*	n	n	1.5382
194	4	PCB-111L	NotFnd	*	*	*	n	n	1.2383
195	5	PCB-178L	NotFnd	*	*	*	n	n	1.3547
196	2	PCB-9L	NotFnd	*	*	*	n	n	-
197	3	PCB-52L	NotFnd	*	*	*	n	n	-
198	4	PCB-101L	NotFnd	*	*	*	n	n	-
199	5	PCB-138L	NotFnd	*	*	*	n	n	-
200	6	PCB-194L	NotFnd	*	*	*	n	n	-

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
PCB-209 INJ

Run #8 Filename U224748#1 Samp: 1 Inj: 1 Acquired: 14-JAN-11 19:13:40

Processed: 17-JAN-11 09:31:28 LAB. ID: DCCS-209

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	*	2.59e+03	*	*	2.43e+03	*
2	PCB-2	1.56e+06	2.59e+03	6.0e+02	4.84e+05	2.43e+03	2.0e+02
3	PCB-3	*	2.59e+03	*	*	2.43e+03	*
4	PCB-4	*	3.62e+03	*	*	3.57e+04	*
5	PCB-10	1.65e+06	3.62e+03	4.6e+02	1.03e+06	3.57e+04	2.9e+01
6	PCB-9	1.22e+06	1.83e+03	6.7e+02	7.98e+05	6.09e+03	1.3e+02
7	PCB-7	1.19e+06	1.83e+03	6.5e+02	7.44e+05	6.09e+03	1.2e+02
8	PCB-6	1.18e+06	1.83e+03	6.5e+02	7.75e+05	6.09e+03	1.3e+02
9	PCB-5	1.04e+06	1.83e+03	5.7e+02	6.63e+05	6.09e+03	1.1e+02
10	PCB-8	1.27e+06	1.83e+03	6.9e+02	7.97e+05	6.09e+03	1.3e+02
11	PCB-14	1.20e+06	1.83e+03	6.6e+02	7.72e+05	6.09e+03	1.3e+02
12	PCB-11	1.12e+06	1.83e+03	6.1e+02	7.03e+05	6.09e+03	1.2e+02
13	PCB-12/13	1.75e+06	1.83e+03	9.6e+02	1.08e+06	6.09e+03	1.8e+02
14	PCB-15	*	1.83e+03	*	*	6.09e+03	*
15	PCB-19	*	1.65e+03	*	*	1.71e+03	*
16	PCB-18/30	1.21e+06	1.65e+03	7.3e+02	1.20e+06	1.71e+03	7.1e+02
17	PCB-17	7.47e+05	1.65e+03	4.5e+02	7.55e+05	1.71e+03	4.4e+02
18	PCB-27	1.02e+06	1.65e+03	6.2e+02	1.04e+06	1.71e+03	6.1e+02
19	PCB-24	9.17e+05	1.65e+03	5.6e+02	9.23e+05	1.71e+03	5.4e+02
20	PCB-16	6.15e+05	1.65e+03	3.7e+02	5.91e+05	1.71e+03	3.5e+02
21	PCB-32	1.07e+06	1.65e+03	6.5e+02	1.06e+06	1.71e+03	6.2e+02
22	PCB-34	9.74e+05	2.21e+04	4.4e+01	9.59e+05	2.59e+04	3.7e+01
23	PCB-23	9.00e+05	2.21e+04	4.1e+01	9.07e+05	2.59e+04	3.5e+01
24	PCB-26/29	1.93e+06	2.21e+04	8.7e+01	1.83e+06	2.59e+04	7.1e+01
25	PCB-25	1.04e+06	2.21e+04	4.7e+01	9.92e+05	2.59e+04	3.8e+01
26	PCB-31	1.05e+06	2.21e+04	4.7e+01	1.03e+06	2.59e+04	4.0e+01
27	PCB-20/28	1.52e+06	2.21e+04	6.9e+01	1.47e+06	2.59e+04	5.7e+01
28	PCB-21/33	1.15e+06	2.21e+04	5.2e+01	1.10e+06	2.59e+04	4.2e+01
29	PCB-22	9.06e+05	2.21e+04	4.1e+01	8.59e+05	2.59e+04	3.3e+01
30	PCB-36	1.04e+06	2.21e+04	4.7e+01	9.65e+05	2.59e+04	3.7e+01
31	PCB-39	9.83e+05	2.21e+04	4.4e+01	9.27e+05	2.59e+04	3.6e+01
32	PCB-38	9.98e+05	2.21e+04	4.5e+01	9.54e+05	2.59e+04	3.7e+01
33	PCB-35	9.30e+05	2.21e+04	4.2e+01	8.88e+05	2.59e+04	3.4e+01
34	PCB-37	*	2.21e+04	*	*	2.59e+04	*
35	PCB-54	*	1.27e+03	*	*	1.09e+03	*
36	PCB-50/53	2.23e+06	1.52e+03	1.5e+03	2.99e+06	1.30e+03	2.3e+03
37	PCB-45/51	1.25e+06	1.52e+03	8.2e+02	1.66e+06	1.30e+03	1.3e+03
38	PCB-46	9.84e+05	1.52e+03	6.5e+02	1.29e+06	1.30e+03	9.9e+02
39	PCB-52	1.23e+06	1.52e+03	8.1e+02	1.57e+06	1.30e+03	1.2e+03
40	PCB-43/73	1.45e+06	1.52e+03	9.6e+02	1.94e+06	1.30e+03	1.5e+03
41	PCB-49/69	1.65e+06	1.52e+03	1.1e+03	2.16e+06	1.30e+03	1.7e+03
42	PCB-48	1.13e+06	1.52e+03	7.5e+02	1.51e+06	1.30e+03	1.2e+03
43	PCB-44/47/65	3.47e+06	1.52e+03	2.3e+03	4.55e+06	1.30e+03	3.5e+03
44	PCB-59/62/75	3.44e+06	1.52e+03	2.3e+03	4.47e+06	1.30e+03	3.4e+03
45	PCB-42	1.13e+06	1.52e+03	7.4e+02	1.46e+06	1.30e+03	1.1e+03
46	PCB-40/41/71	2.33e+06	1.52e+03	1.5e+03	3.10e+06	1.30e+03	2.4e+03
47	PCB-64	1.58e+06	1.52e+03	1.0e+03	2.10e+06	1.30e+03	1.6e+03

48	PCB-72	1.63e+06	1.52e+03	1.1e+03	2.11e+06	1.30e+03	1.6e+03
49	PCB-68	1.50e+06	1.52e+03	9.9e+02	1.96e+06	1.30e+03	1.5e+03
50	PCB-57	1.57e+06	1.52e+03	1.0e+03	2.03e+06	1.30e+03	1.6e+03
51	PCB-58	1.46e+06	1.52e+03	9.6e+02	1.88e+06	1.30e+03	1.4e+03
52	PCB-67	1.60e+06	1.52e+03	1.1e+03	2.14e+06	1.30e+03	1.6e+03
53	PCB-63	1.61e+06	1.52e+03	1.1e+03	2.09e+06	1.30e+03	1.6e+03
54	PCB-61/70/74/76	3.49e+06	1.52e+03	2.3e+03	4.55e+06	1.30e+03	3.5e+03
55	PCB-66	1.54e+06	1.52e+03	1.0e+03	2.00e+06	1.30e+03	1.5e+03
56	PCB-55	1.38e+06	1.52e+03	9.1e+02	1.82e+06	1.30e+03	1.4e+03
57	PCB-56	1.46e+06	1.44e+04	1.0e+02	1.83e+06	1.77e+04	1.0e+02
58	PCB-60	1.43e+06	1.44e+04	1.0e+02	1.83e+06	1.77e+04	1.0e+02
59	PCB-80	1.69e+06	1.44e+04	1.2e+02	2.16e+06	1.77e+04	1.2e+02
60	PCB-79	1.67e+06	1.44e+04	1.2e+02	2.11e+06	1.77e+04	1.2e+02
61	PCB-78	1.46e+06	1.44e+04	1.0e+02	1.91e+06	1.77e+04	1.1e+02
62	PCB-81	*	1.44e+04	*	*	1.77e+04	*
63	PCB-77	*	1.44e+04	*	*	1.77e+04	*
64	PCB-104	*	8.32e+02	*	*	1.26e+03	*
65	PCB-96	1.87e+06	8.32e+02	2.2e+03	1.14e+06	1.26e+03	9.0e+02
66	PCB-103	1.57e+06	8.32e+02	1.9e+03	1.02e+06	1.26e+03	8.0e+02
67	PCB-94	1.24e+06	8.32e+02	1.5e+03	8.04e+05	1.26e+03	6.4e+02
68	PCB-95	1.44e+06	8.32e+02	1.7e+03	9.26e+05	1.26e+03	7.3e+02
69	PCB-93/100	2.14e+06	8.32e+02	2.6e+03	1.34e+06	1.26e+03	1.1e+03
70	PCB-98/102	1.70e+06	8.32e+02	2.0e+03	1.08e+06	1.26e+03	8.5e+02
71	PCB-88/91	1.40e+06	8.32e+02	1.7e+03	8.95e+05	1.26e+03	7.1e+02
72	PCB-84	1.24e+06	8.32e+02	1.5e+03	8.02e+05	1.26e+03	6.3e+02
73	PCB-89	1.33e+06	8.32e+02	1.6e+03	8.51e+05	1.26e+03	6.7e+02
74	PCB-121	1.82e+06	6.51e+03	2.8e+02	1.14e+06	7.53e+03	1.5e+02
75	PCB-92	1.40e+06	6.51e+03	2.1e+02	8.70e+05	7.53e+03	1.2e+02
76	PCB-90/101/113	3.47e+06	6.51e+03	5.3e+02	2.15e+06	7.53e+03	2.9e+02
77	PCB-83/99	1.55e+06	6.51e+03	2.4e+02	9.62e+05	7.53e+03	1.3e+02
78	PCB-112	1.85e+06	6.51e+03	2.8e+02	1.15e+06	7.53e+03	1.5e+02
79	CB-86/87/97/109/119/125	5.04e+06	6.51e+03	7.7e+02	3.23e+06	7.53e+03	4.3e+02
80	PCB-117	1.85e+06	6.51e+03	2.8e+02	1.19e+06	7.53e+03	1.6e+02
81	PCB-85/116	3.02e+06	6.51e+03	4.6e+02	1.95e+06	7.53e+03	2.6e+02
82	PCB-110/115	2.49e+06	6.51e+03	3.8e+02	1.58e+06	7.53e+03	2.1e+02
83	PCB-82	1.20e+06	6.51e+03	1.8e+02	7.89e+05	7.53e+03	1.0e+02
84	PCB-111	1.71e+06	6.51e+03	2.6e+02	1.07e+06	7.53e+03	1.4e+02
85	PCB-120	1.91e+06	6.51e+03	2.9e+02	1.23e+06	7.53e+03	1.6e+02
86	PCB-108/124	3.38e+06	6.35e+04	5.3e+01	2.21e+06	3.94e+04	5.6e+01
87	PCB-107	1.88e+06	6.35e+04	3.0e+01	1.24e+06	3.94e+04	3.1e+01
88	PCB-123	*	6.35e+04	*	*	3.94e+04	*
89	PCB-106	1.93e+06	6.35e+04	3.0e+01	1.18e+06	3.94e+04	3.0e+01
90	PCB-118	*	6.35e+04	*	*	3.94e+04	*
91	PCB-122	1.73e+06	6.35e+04	2.7e+01	1.09e+06	3.94e+04	2.8e+01
92	PCB-114	*	6.35e+04	*	*	3.94e+04	*
93	PCB-105	*	6.35e+04	*	*	3.94e+04	*
94	PCB-127	1.75e+06	6.35e+04	2.7e+01	1.11e+06	3.94e+04	2.8e+01
95	PCB-126	*	6.35e+04	*	*	3.94e+04	*
96	PCB-155	*	1.54e+03	*	*	2.06e+03	*
97	PCB-152	1.57e+06	1.54e+03	1.0e+03	1.28e+06	2.06e+03	6.2e+02
98	PCB-150	1.46e+06	1.54e+03	9.5e+02	1.20e+06	2.06e+03	5.8e+02
99	PCB-136	1.51e+06	1.54e+03	9.8e+02	1.23e+06	2.06e+03	6.0e+02
100	PCB-145	1.44e+06	1.54e+03	9.4e+02	1.17e+06	2.06e+03	5.6e+02
101	PCB-148	1.14e+06	1.54e+03	7.5e+02	9.30e+05	2.06e+03	4.5e+02
102	PCB-135/151	1.24e+06	1.54e+03	8.1e+02	1.02e+06	2.06e+03	5.0e+02
103	PCB-154	1.31e+06	1.54e+03	8.5e+02	1.11e+06	2.06e+03	5.4e+02
104	PCB-144	1.17e+06	1.54e+03	7.6e+02	9.64e+05	2.06e+03	4.7e+02

Run #8

Filename U224748#1 Samp: 1

Acquired: 14-JAN-11 19:13:40

105	PCB-147/149	2.46e+06	1.18e+04	2.1e+02	1.99e+06	5.96e+03	3.3e+02
106	PCB-134	1.08e+06	1.18e+04	9.2e+01	8.46e+05	5.96e+03	1.4e+02
107	PCB-143	1.21e+06	1.18e+04	1.0e+02	9.62e+05	5.96e+03	1.6e+02
108	PCB-139/140	2.20e+06	1.18e+04	1.9e+02	1.74e+06	5.96e+03	2.9e+02
109	PCB-131	1.13e+06	1.18e+04	9.6e+01	8.87e+05	5.96e+03	1.5e+02
110	PCB-142	1.08e+06	1.18e+04	9.1e+01	8.49e+05	5.96e+03	1.4e+02
111	PCB-132	1.04e+06	1.18e+04	8.8e+01	8.31e+05	5.96e+03	1.4e+02
112	PCB-133	1.12e+06	1.18e+04	9.5e+01	9.08e+05	5.96e+03	1.5e+02
113	PCB-165	1.35e+06	1.18e+04	1.1e+02	1.12e+06	5.96e+03	1.9e+02
114	PCB-146	1.37e+06	1.18e+04	1.2e+02	1.10e+06	5.96e+03	1.9e+02
115	PCB-161	1.53e+06	1.18e+04	1.3e+02	1.25e+06	5.96e+03	2.1e+02
116	PCB-153/168	2.18e+06	1.18e+04	1.9e+02	1.72e+06	5.96e+03	2.9e+02
117	PCB-141	1.18e+06	1.18e+04	1.0e+02	9.43e+05	5.96e+03	1.6e+02
118	PCB-130	1.04e+06	1.18e+04	8.8e+01	8.49e+05	5.96e+03	1.4e+02
119	PCB-137	1.12e+06	1.18e+04	9.5e+01	8.86e+05	5.96e+03	1.5e+02
120	PCB-164	1.52e+06	1.18e+04	1.3e+02	1.21e+06	5.96e+03	2.0e+02
121	PCB-129/138/163	2.77e+06	1.18e+04	2.4e+02	2.25e+06	5.96e+03	3.8e+02
122	PCB-160	1.42e+06	1.18e+04	1.2e+02	1.17e+06	5.96e+03	2.0e+02
123	PCB-158	1.54e+06	1.18e+04	1.3e+02	1.25e+06	5.96e+03	2.1e+02
124	PCB-128/166	1.80e+06	1.18e+04	1.5e+02	1.46e+06	5.96e+03	2.5e+02
125	PCB-159	1.57e+06	7.54e+03	2.1e+02	1.25e+06	2.12e+03	5.9e+02
126	PCB-162	1.42e+06	7.54e+03	1.9e+02	1.16e+06	2.12e+03	5.4e+02
127	PCB-167	*	7.54e+03	*	*	2.12e+03	*
128	PCB-156/157	*	7.54e+03	*	*	2.12e+03	*
129	PCB-169	*	7.54e+03	*	*	2.12e+03	*
130	PCB-188	*	1.65e+03	*	*	1.69e+03	*
131	PCB-179	1.29e+06	1.65e+03	7.8e+02	1.27e+06	1.69e+03	7.5e+02
132	PCB-184	1.21e+06	1.65e+03	7.3e+02	1.23e+06	1.69e+03	7.2e+02
133	PCB-176	1.25e+06	1.65e+03	7.6e+02	1.21e+06	1.69e+03	7.2e+02
134	PCB-186	1.11e+06	1.65e+03	6.7e+02	1.10e+06	1.69e+03	6.5e+02
135	PCB-178	8.71e+05	1.65e+03	5.3e+02	8.63e+05	1.69e+03	5.1e+02
136	PCB-175	9.18e+05	1.65e+03	5.6e+02	9.10e+05	1.69e+03	5.4e+02
137	PCB-187	9.50e+05	1.65e+03	5.8e+02	9.27e+05	1.69e+03	5.5e+02
138	PCB-182	9.58e+05	1.65e+03	5.8e+02	9.25e+05	1.69e+03	5.5e+02
139	PCB-183	9.47e+05	2.90e+03	3.3e+02	9.87e+05	6.38e+03	1.5e+02
140	PCB-185	8.95e+05	2.90e+03	3.1e+02	8.81e+05	6.38e+03	1.4e+02
141	PCB-174	9.03e+05	2.90e+03	3.1e+02	9.01e+05	6.38e+03	1.4e+02
142	PCB-177	8.47e+05	2.90e+03	2.9e+02	8.49e+05	6.38e+03	1.3e+02
143	PCB-181	8.43e+05	2.90e+03	2.9e+02	8.70e+05	6.38e+03	1.4e+02
144	PCB-171/173	1.60e+06	2.90e+03	5.5e+02	1.58e+06	6.38e+03	2.5e+02
145	PCB-172	8.23e+05	2.90e+03	2.8e+02	8.33e+05	6.38e+03	1.3e+02
146	PCB-192	9.52e+05	2.90e+03	3.3e+02	9.81e+05	6.38e+03	1.5e+02
147	PCB-180/193	1.50e+06	2.90e+03	5.2e+02	1.53e+06	6.38e+03	2.4e+02
148	PCB-191	1.08e+06	2.90e+03	3.7e+02	1.07e+06	6.38e+03	1.7e+02
149	PCB-170	7.71e+05	2.90e+03	2.7e+02	7.47e+05	6.38e+03	1.2e+02
150	PCB-190	1.03e+06	2.90e+03	3.6e+02	1.05e+06	6.38e+03	1.6e+02
151	PCB-189	*	2.90e+03	*	*	6.38e+03	*
152	PCB-202	*	1.55e+03	*	*	9.56e+02	*
153	PCB-201	1.43e+06	1.55e+03	9.2e+02	1.66e+06	9.56e+02	1.7e+03
154	PCB-204	1.50e+06	1.55e+03	9.7e+02	1.69e+06	9.56e+02	1.8e+03
155	PCB-197	1.40e+06	1.55e+03	9.1e+02	1.61e+06	9.56e+02	1.7e+03
156	PCB-200	1.44e+06	1.55e+03	9.3e+02	1.67e+06	9.56e+02	1.7e+03
157	PCB-198/199	1.40e+06	1.55e+03	9.1e+02	1.66e+06	9.56e+02	1.7e+03
158	PCB-196	1.05e+06	1.55e+03	6.8e+02	1.20e+06	9.56e+02	1.3e+03
159	PCB-203	1.03e+06	1.55e+03	6.7e+02	1.20e+06	9.56e+02	1.3e+03
160	PCB-195	9.49e+05	1.55e+03	6.1e+02	1.09e+06	9.56e+02	1.1e+03
161	PCB-194	9.76e+05	1.55e+03	6.3e+02	1.13e+06	9.56e+02	1.2e+03
162	PCB-205	*	1.55e+03	*	*	9.56e+02	*

Run #8

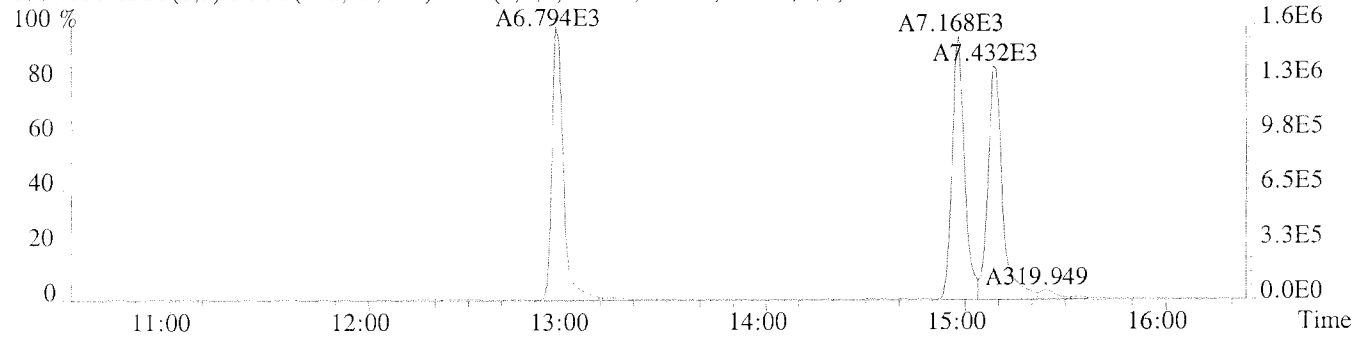
Filename U224748#1 Samp: 1

Acquired: 14-JAN-11 19:13:40

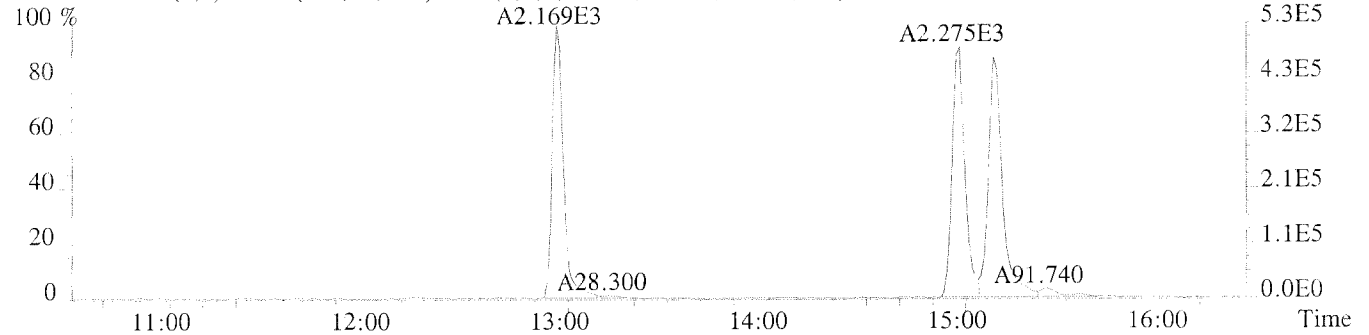
163	PCB-208	*	1.02e+03	*	*	1.26e+03	*
164	PCB-207	1.05e+06	1.02e+03	1.0e+03	1.30e+06	1.26e+03	1.0e+03
165	PCB-206	*	1.30e+03	*	*	1.50e+03	*
166	PCB-209	*	9.96e+02	*	*	8.52e+02	*
167	PCB-11L	6.60e+06	2.82e+03	2.3e+03	2.26e+06	1.95e+04	1.2e+02
168	PCB-3L	5.98e+06	2.82e+03	2.1e+03	1.97e+06	1.95e+04	1.0e+02
169	PCB-4L	4.19e+06	2.47e+03	1.7e+03	2.74e+06	1.80e+03	1.5e+03
170	PCB-15L	4.62e+06	4.06e+03	1.1e+03	3.05e+06	1.83e+03	1.7e+03
171	PCB-19L	2.75e+06	1.74e+04	1.6e+02	2.67e+06	2.32e+04	1.1e+02
172	PCB-37L	3.52e+06	2.14e+04	1.6e+02	3.33e+06	1.05e+04	3.2e+02
173	PCB-54L	2.91e+06	3.32e+03	8.8e+02	3.61e+06	1.55e+03	2.3e+03
174	PCB-81L	2.70e+06	2.32e+03	1.2e+03	3.44e+06	1.26e+03	2.7e+03
175	PCB-77L	2.60e+06	2.32e+03	1.1e+03	3.24e+06	1.26e+03	2.6e+03
176	PCB-104L	3.81e+06	9.88e+02	3.9e+03	2.45e+06	8.32e+02	2.9e+03
177	PCB-123L	3.49e+06	9.18e+03	3.8e+02	2.25e+06	1.11e+03	2.0e+03
178	PCB-118L	3.77e+06	9.18e+03	4.1e+02	2.47e+06	1.11e+03	2.2e+03
179	PCB-114L	3.61e+06	9.18e+03	3.9e+02	2.30e+06	1.11e+03	2.1e+03
180	PCB-105L	3.58e+06	9.18e+03	3.9e+02	2.34e+06	1.11e+03	2.1e+03
181	PCB-126L	3.27e+06	9.18e+03	3.6e+02	2.13e+06	1.11e+03	1.9e+03
182	PCB-155L	3.33e+06	1.04e+03	3.2e+03	2.60e+06	1.32e+03	2.0e+03
183	PCB-167L	2.95e+06	1.59e+03	1.9e+03	2.35e+06	1.44e+03	1.6e+03
184	PCB-156/157L	4.08e+06	1.59e+03	2.6e+03	3.19e+06	1.44e+03	2.2e+03
185	PCB-169L	2.38e+06	1.59e+03	1.5e+03	1.87e+06	1.44e+03	1.3e+03
186	PCB-188L	2.75e+06	1.24e+03	2.2e+03	2.64e+06	9.80e+02	2.7e+03
187	PCB-189L	2.07e+06	1.25e+03	1.7e+03	2.00e+06	1.24e+03	1.6e+03
188	PCB-202L	2.11e+06	1.16e+03	1.8e+03	2.34e+06	1.36e+03	1.7e+03
189	PCB-205L	1.79e+06	1.16e+03	1.5e+03	2.01e+06	1.36e+03	1.5e+03
190	PCB-208L	1.42e+06	1.06e+03	1.3e+03	1.78e+06	9.40e+02	1.9e+03
191	PCB-206L	1.25e+06	8.72e+02	1.4e+03	1.63e+06	8.96e+02	1.8e+03
192	PCB-209L	2.03e+06	1.04e+03	1.9e+03	1.71e+06	9.00e+02	1.9e+03
193	PCB-28L	*	2.14e+04	*	*	1.05e+04	*
194	PCB-111L	*	1.44e+03	*	*	1.19e+03	*
195	PCB-178L	*	1.24e+03	*	*	9.80e+02	*
196	PCB-9L	*	4.06e+03	*	*	1.83e+03	*
197	PCB-52L	*	2.00e+03	*	*	8.92e+02	*
198	PCB-101L	*	1.44e+03	*	*	1.19e+03	*
199	PCB-138L	*	1.51e+03	*	*	1.74e+03	*
200	PCB-194L	*	1.16e+03	*	*	1.36e+03	*

File:U224748 #1-379 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

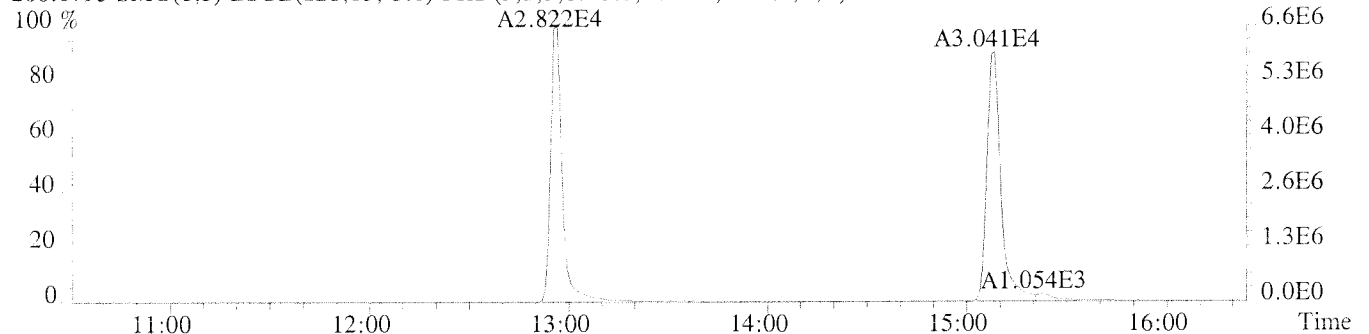
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2592.0,1.00%,F,T)



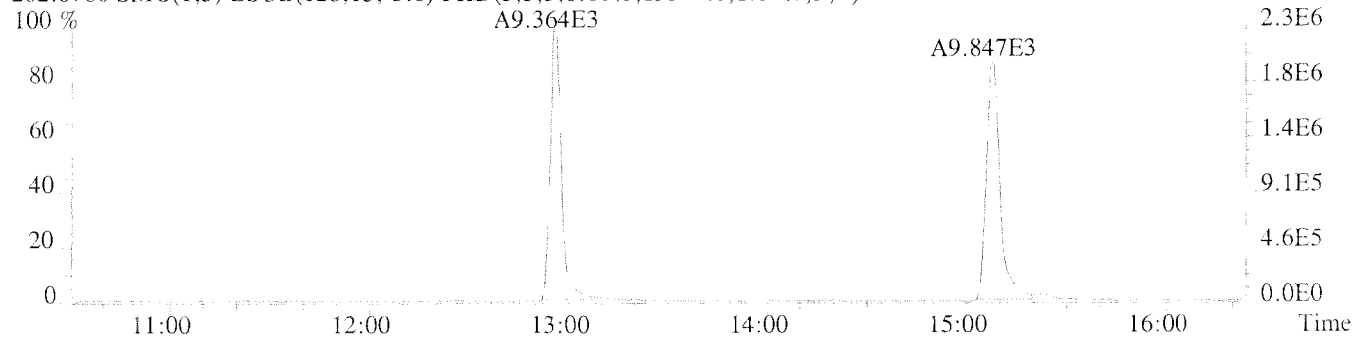
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2428.0,1.00%,F,T)



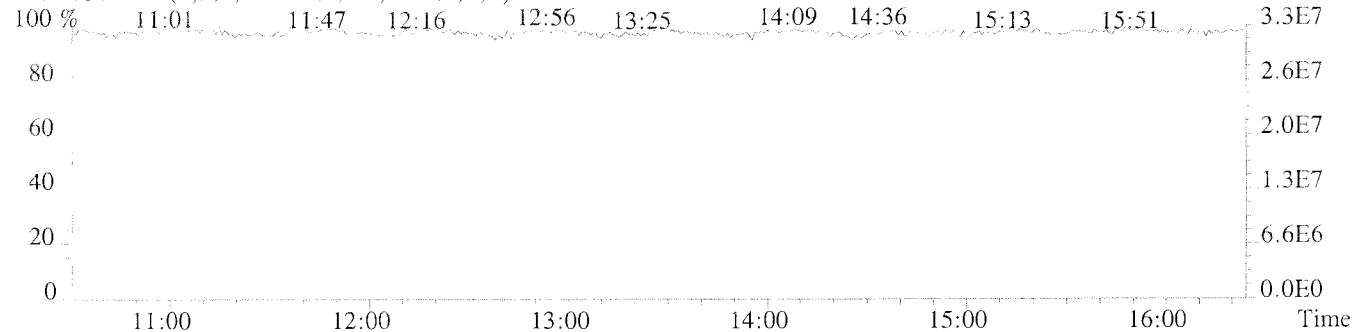
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2816.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,19544.0,1.00%,F,T)



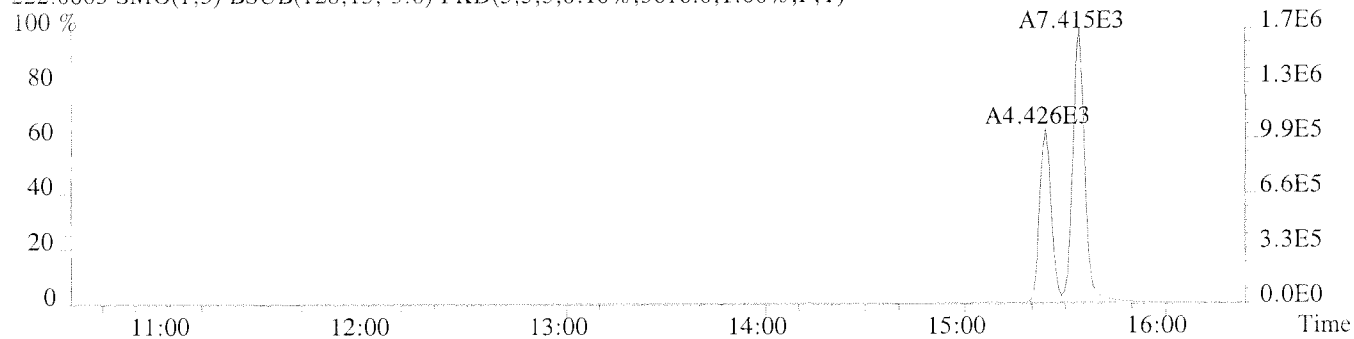
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



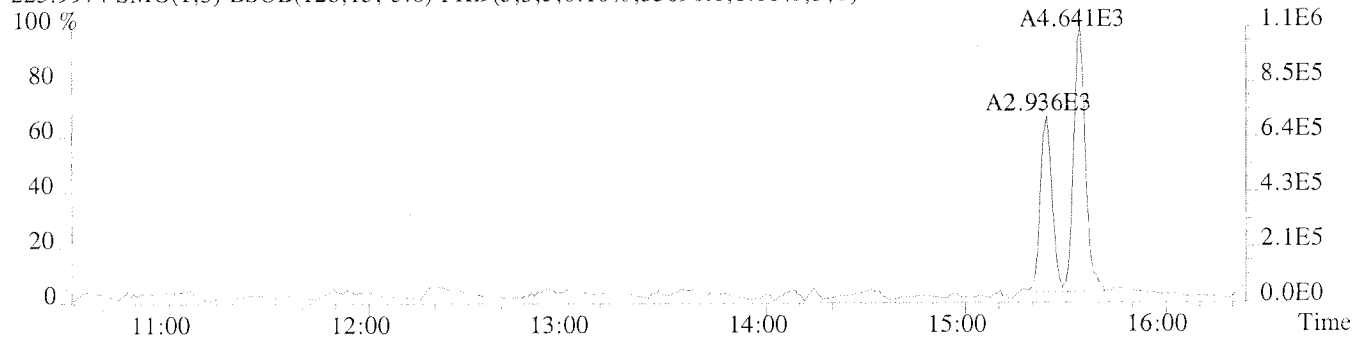
File:U224748 #1-379 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

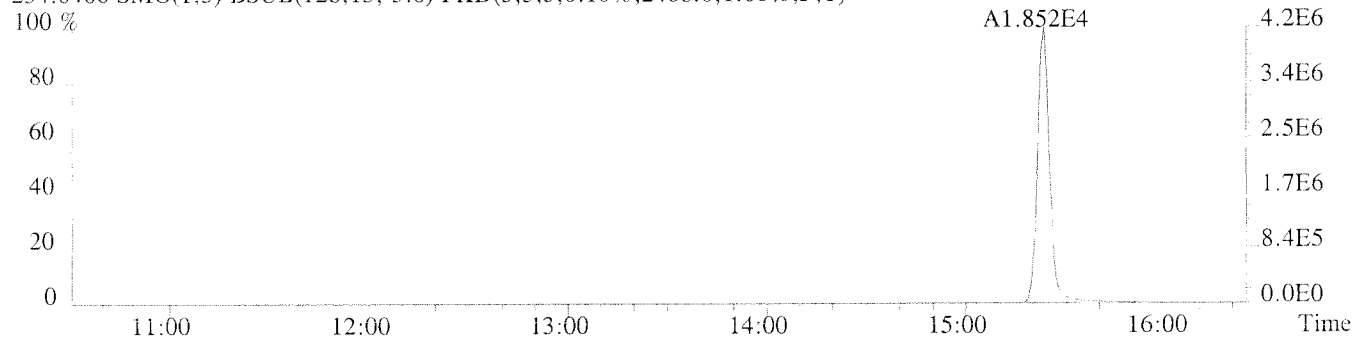
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3616.0,1.00%,F,T)



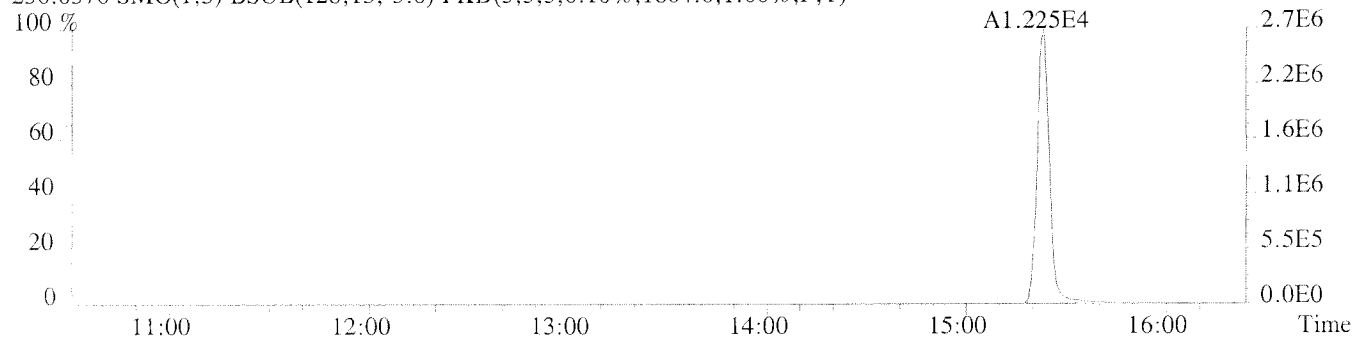
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,35696.0,1.00%,F,T)



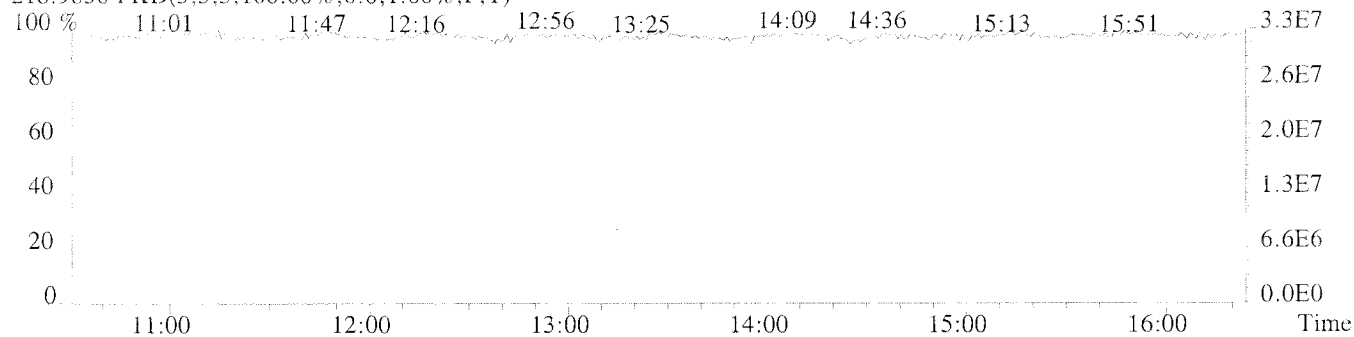
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2468.0,1.00%,F,T)



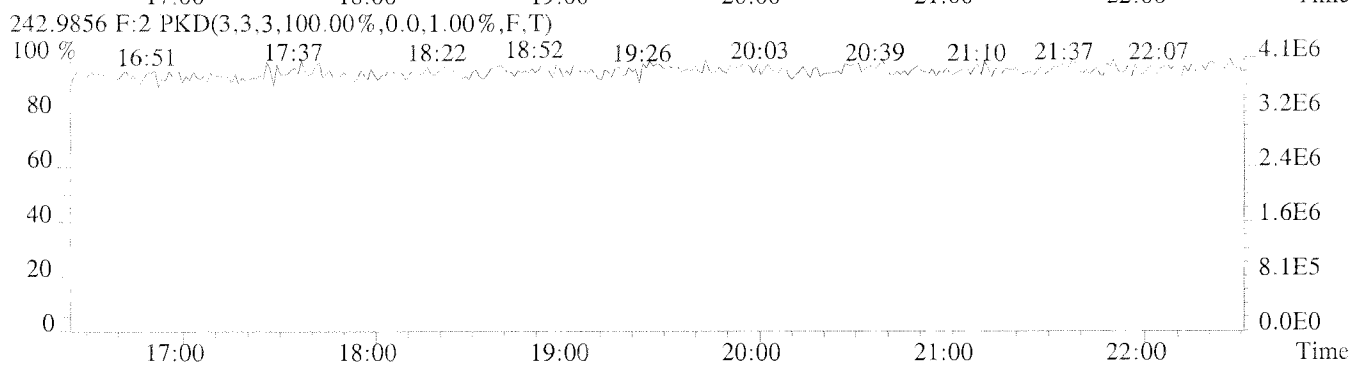
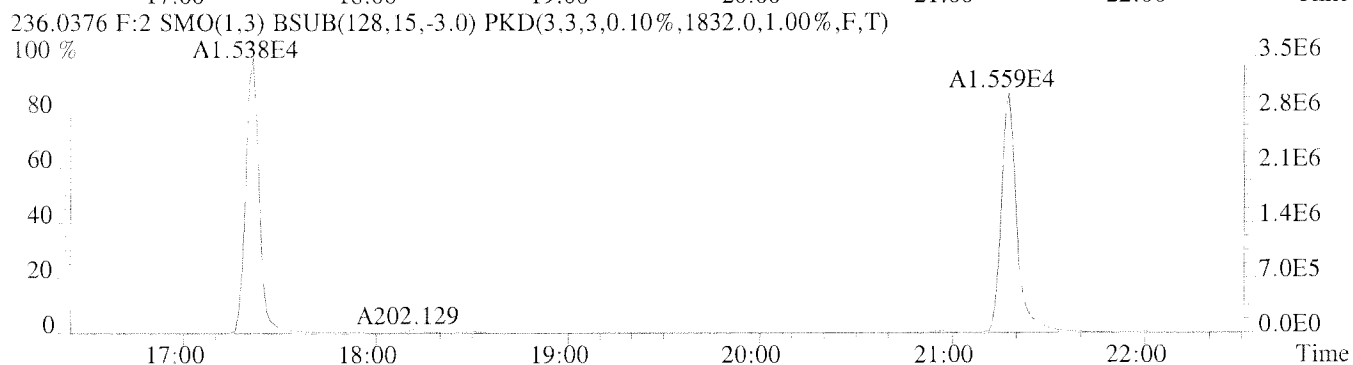
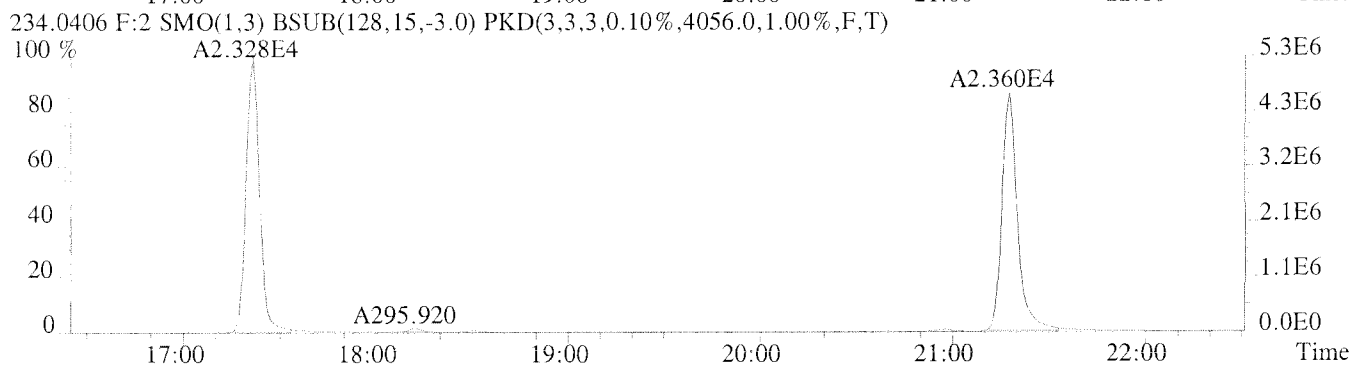
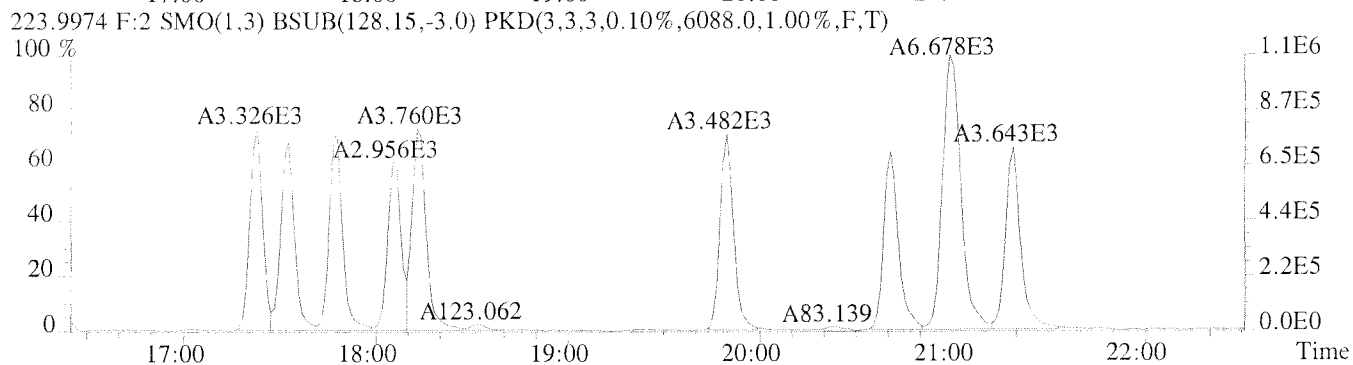
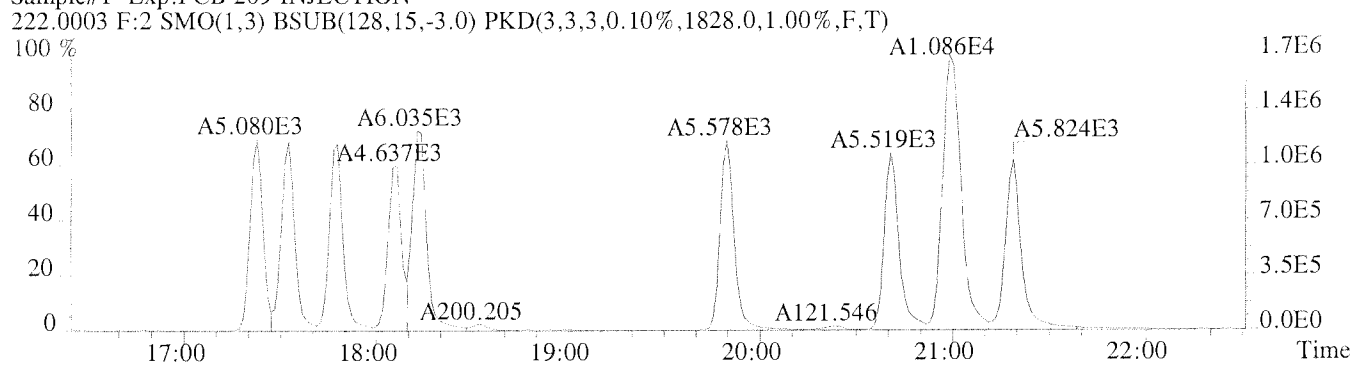
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1804.0,1.00%,F,T)



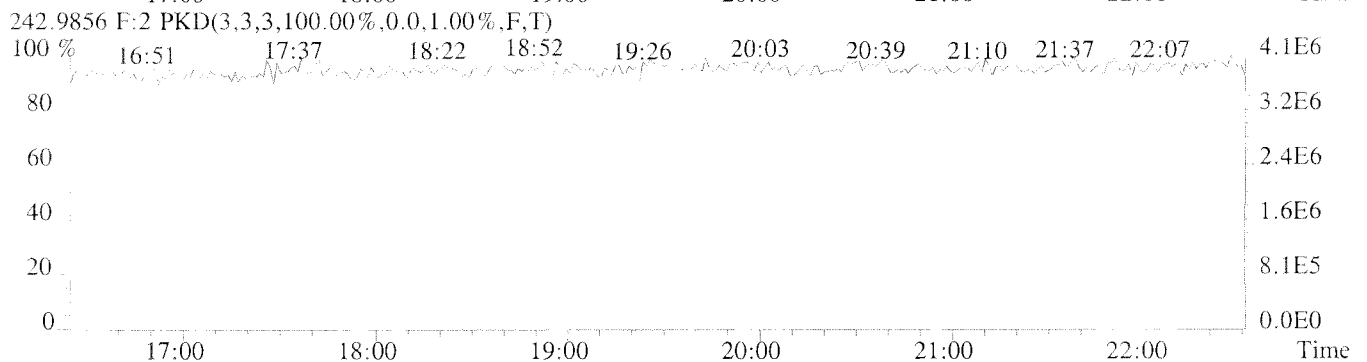
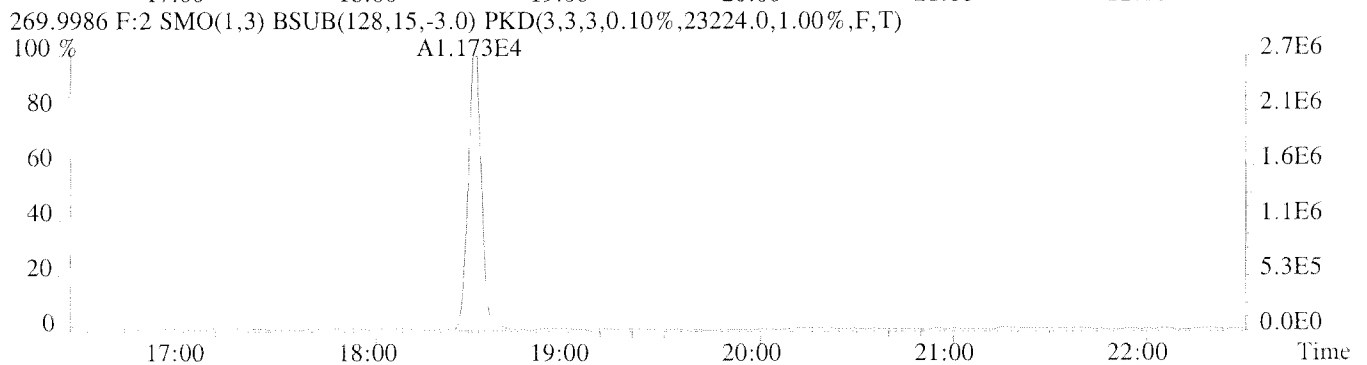
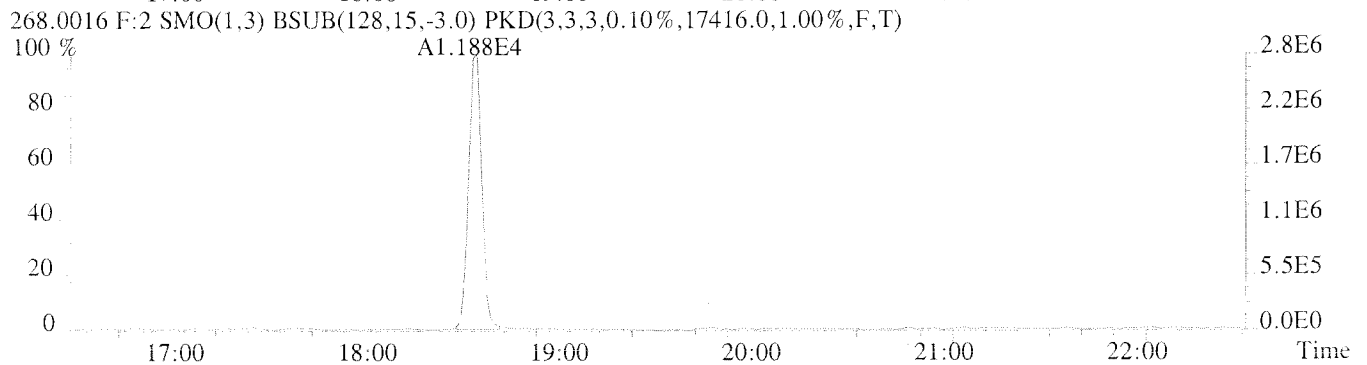
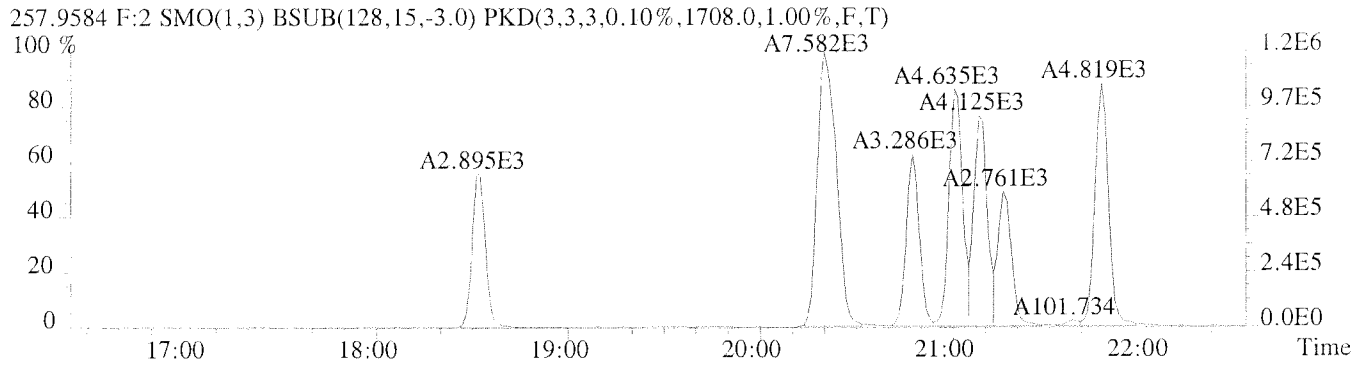
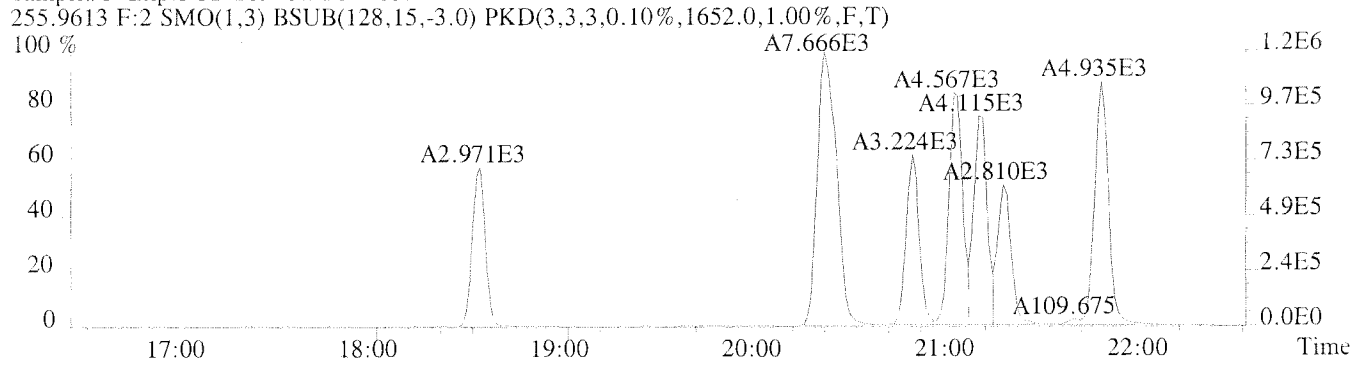
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224748 #1-337 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

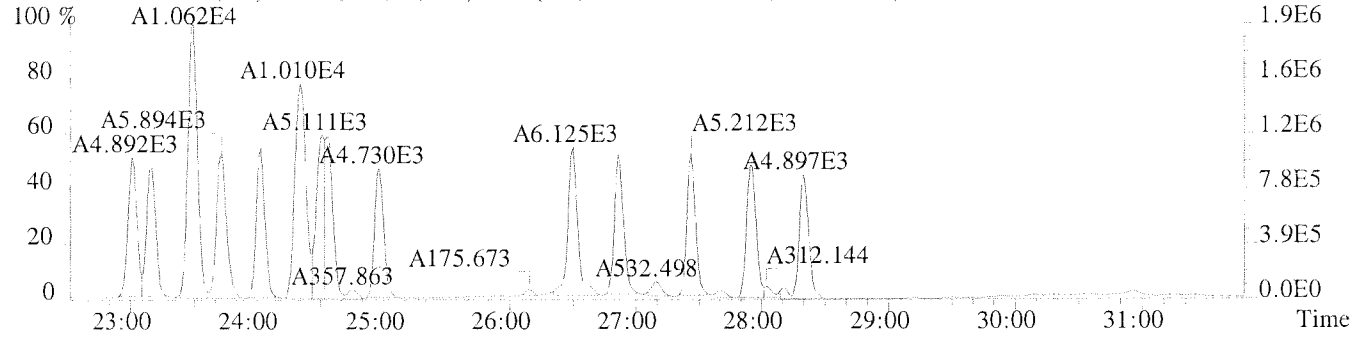


File:U224748 #1-337 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

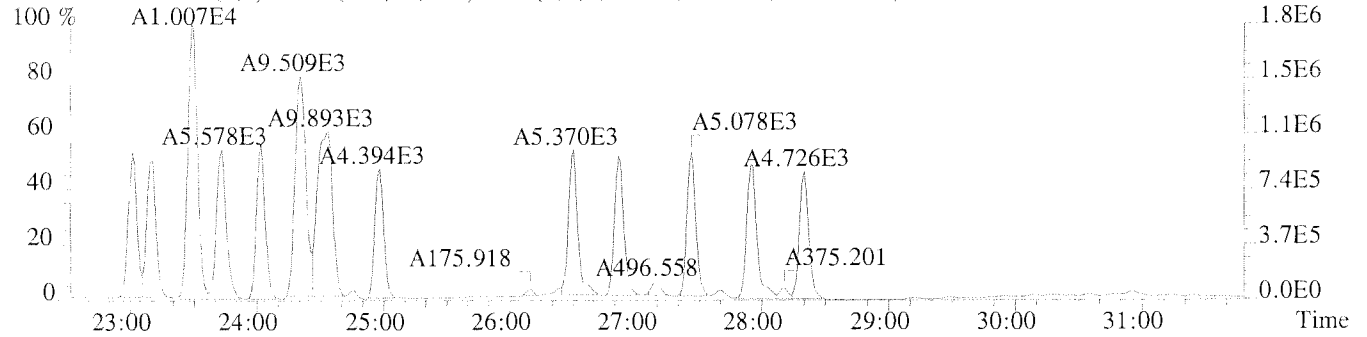


Sample#1 Exp:PCB 209 INJECTION

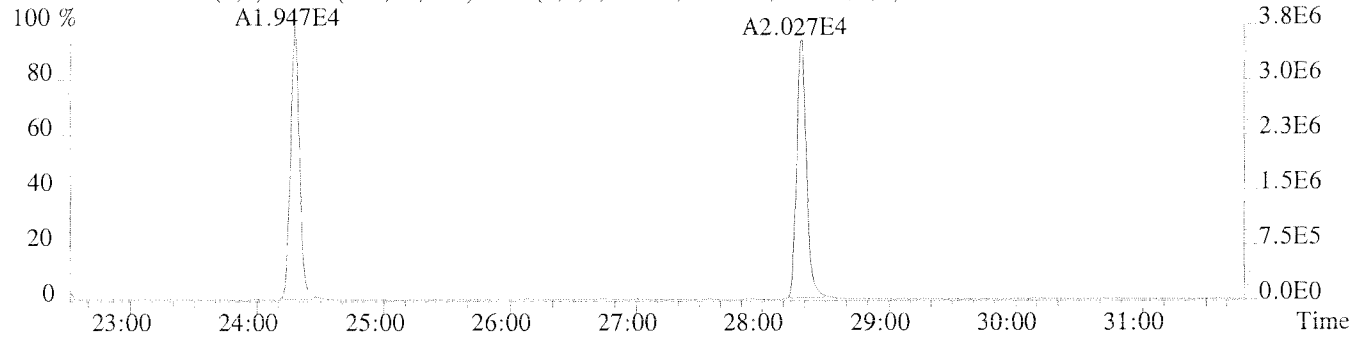
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,22132.0,1.00%,F,T)



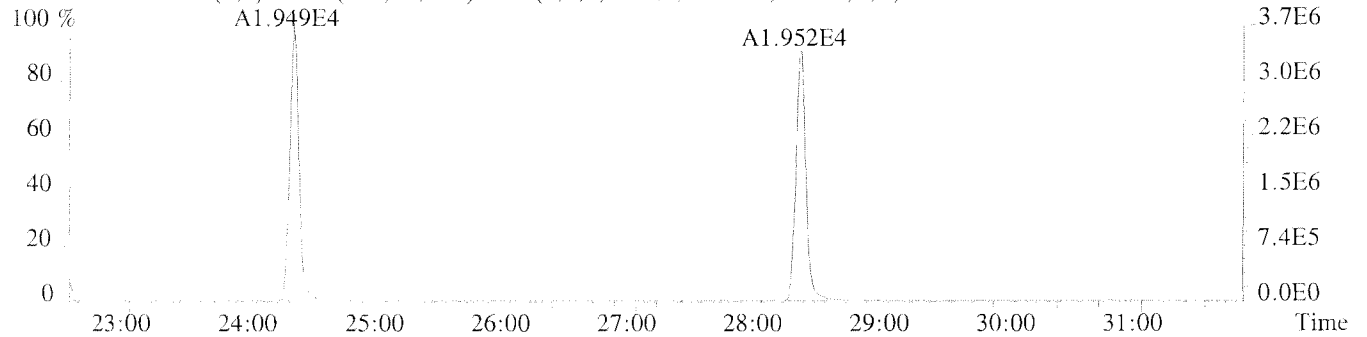
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,25852.0,1.00%,F,T)



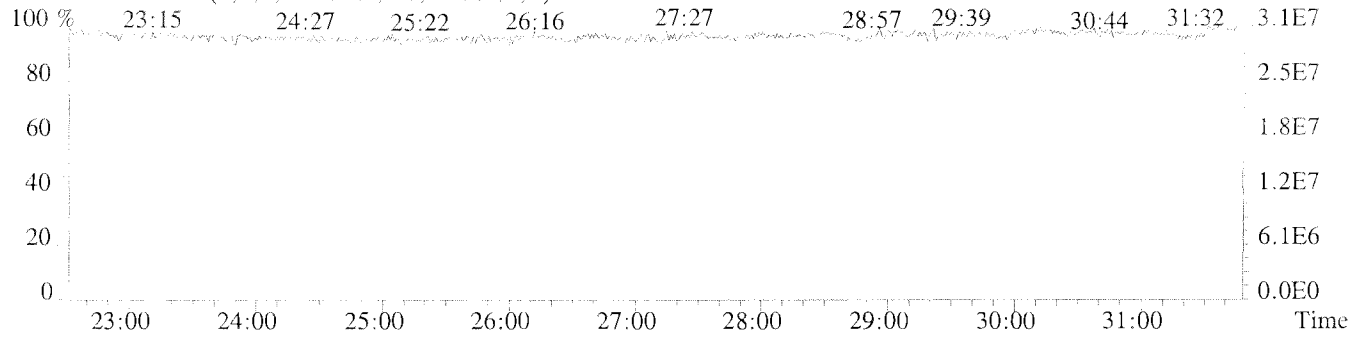
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,21416.0,1.00%,F,T)



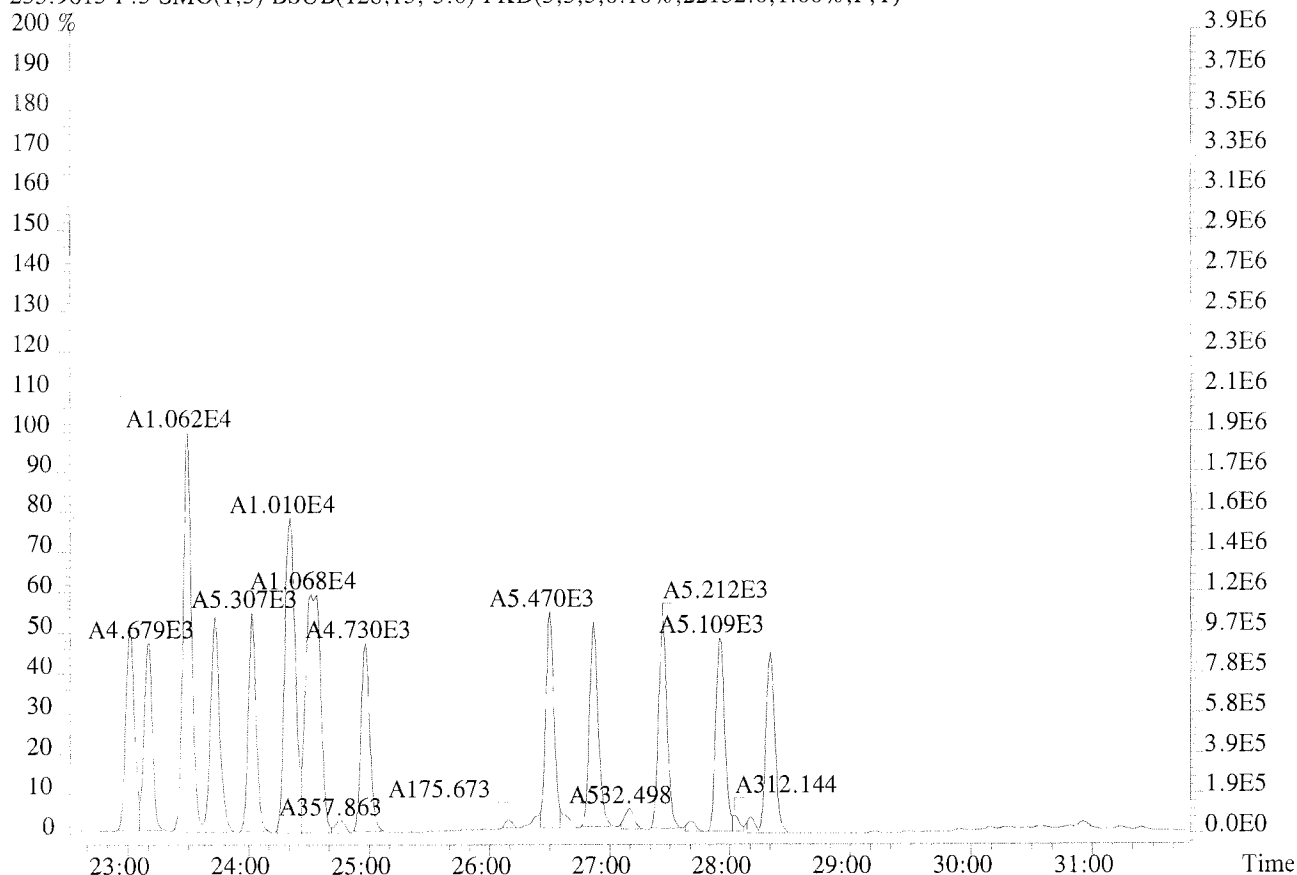
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10504.0,1.00%,F,T)



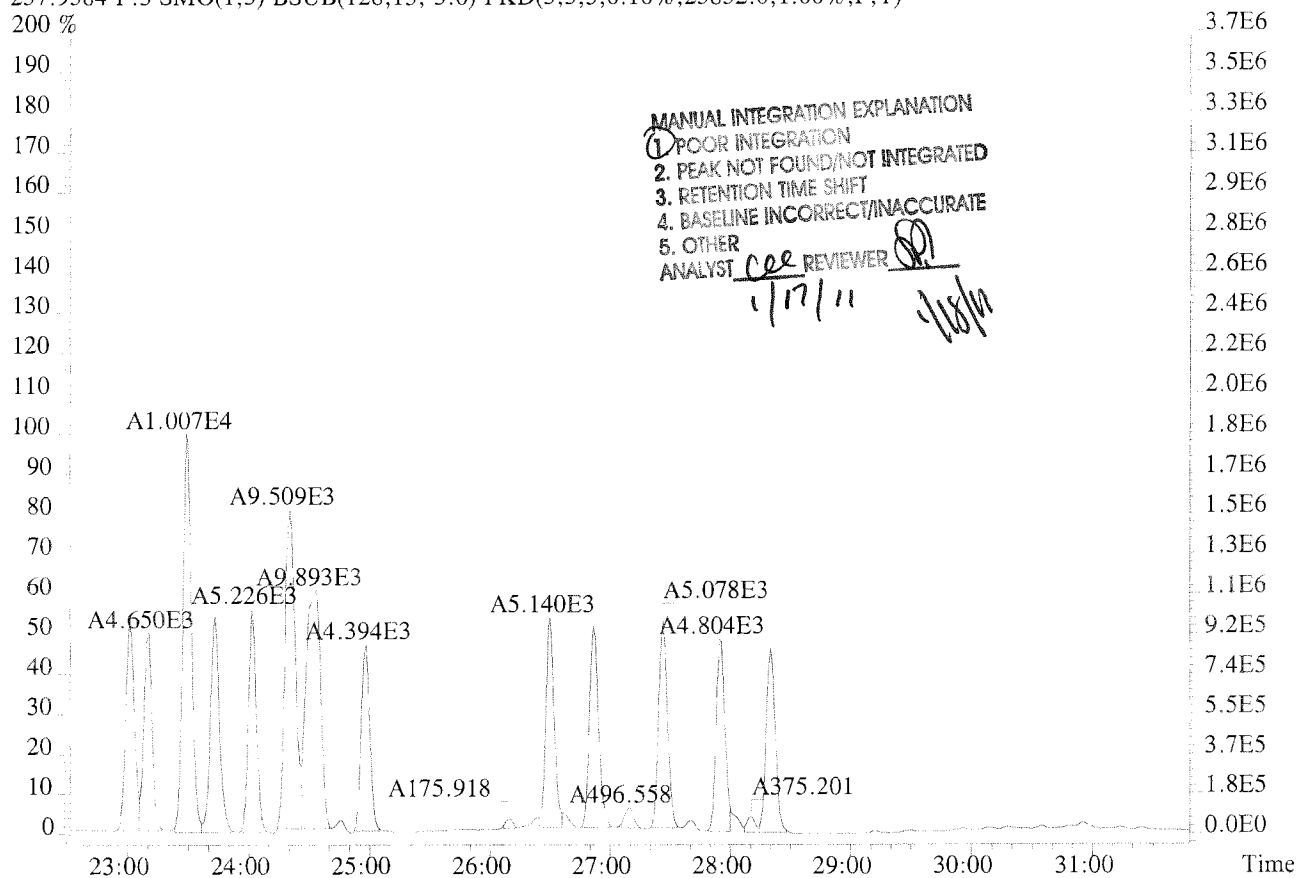
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224748 #1-594 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:PCB 209 INJECTION
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,22132.0,1.00%,F,T)

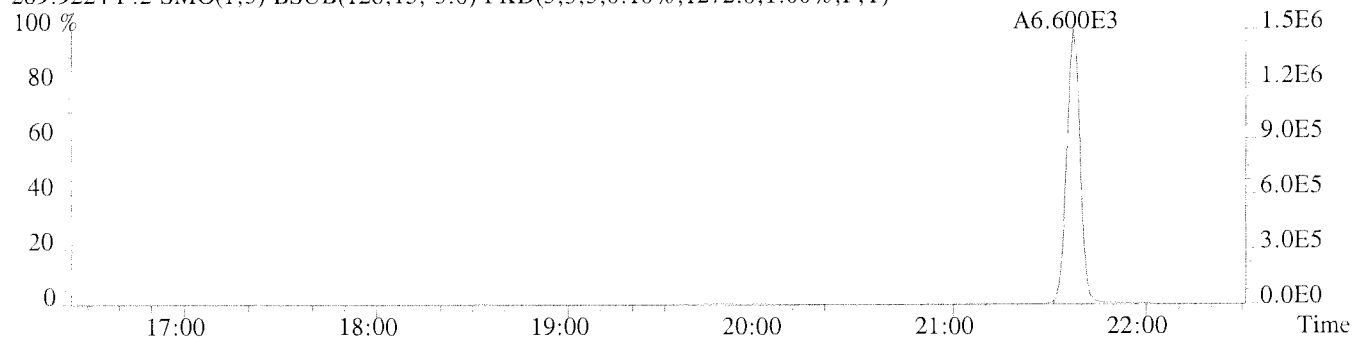


257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,25852.0,1.00%,F,T)

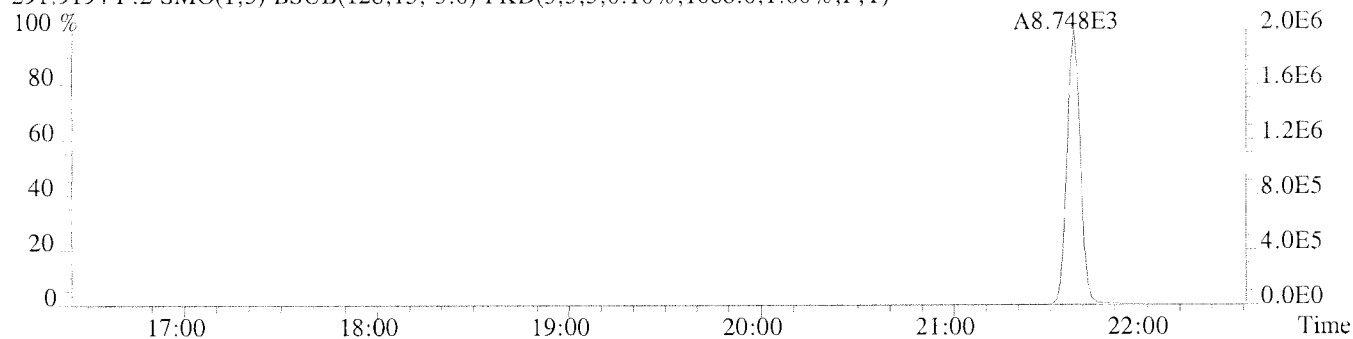


Sample#1 Exp:PCB 209 INJECTION

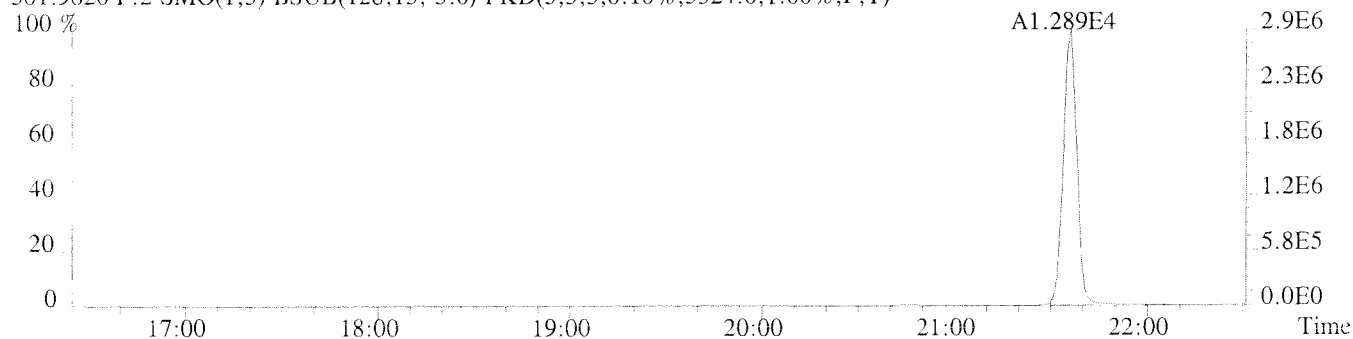
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1272.0,1.00%,F,T)



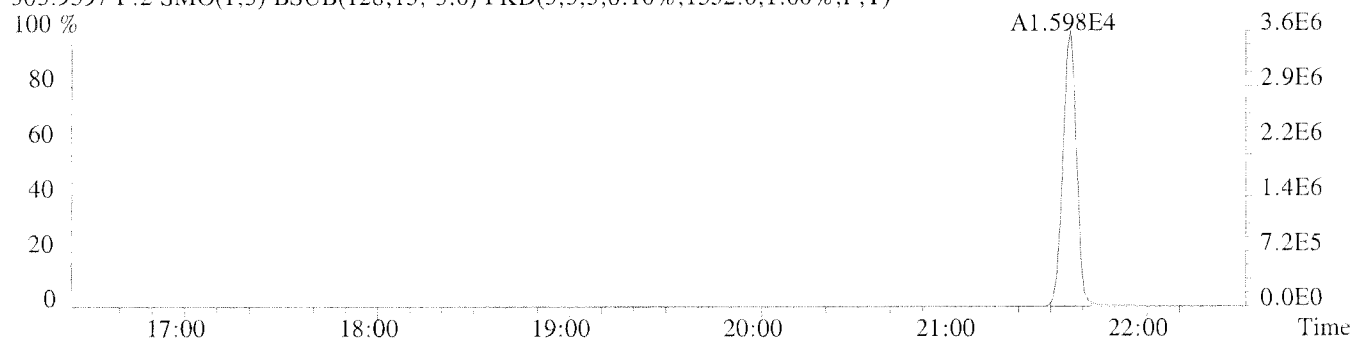
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1088.0,1.00%,F,T)



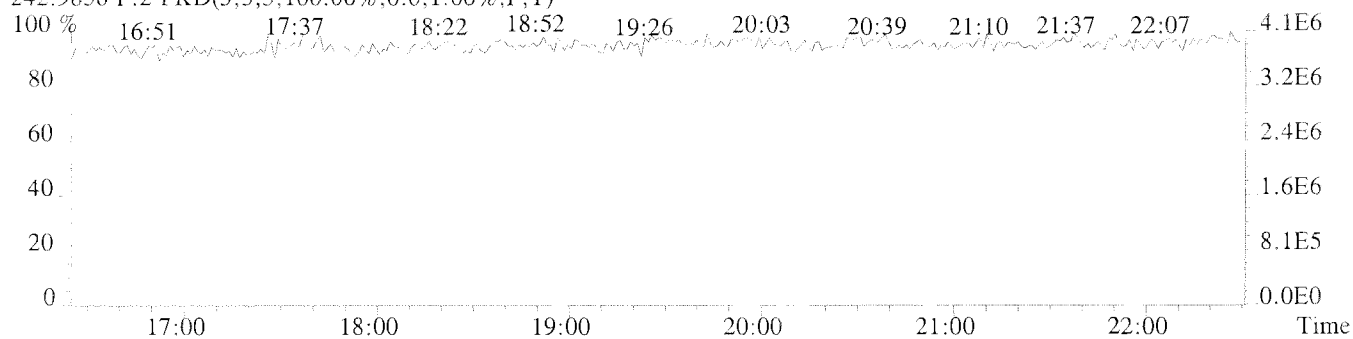
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3324.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1552.0,1.00%,F,T)

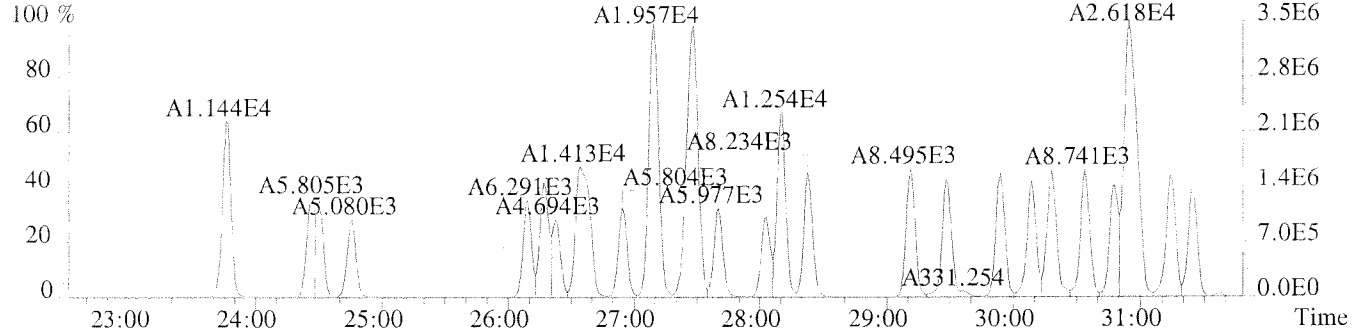


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

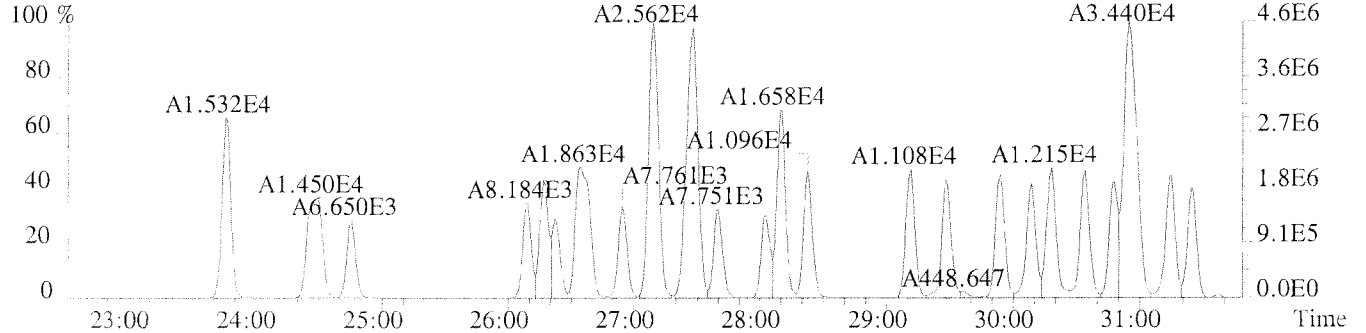


Sample#1 Exp:PCB 209 INJECTION

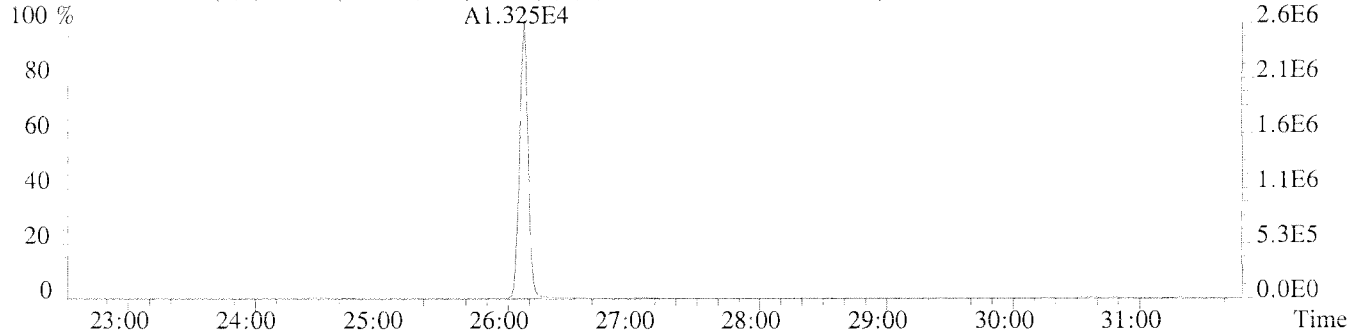
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1520.0,1.00%,F,T)



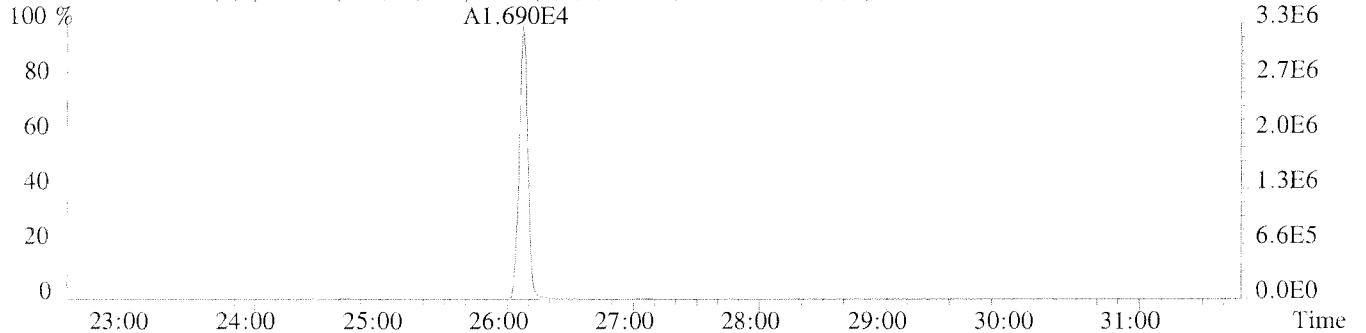
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1300.0,1.00%,F,T)



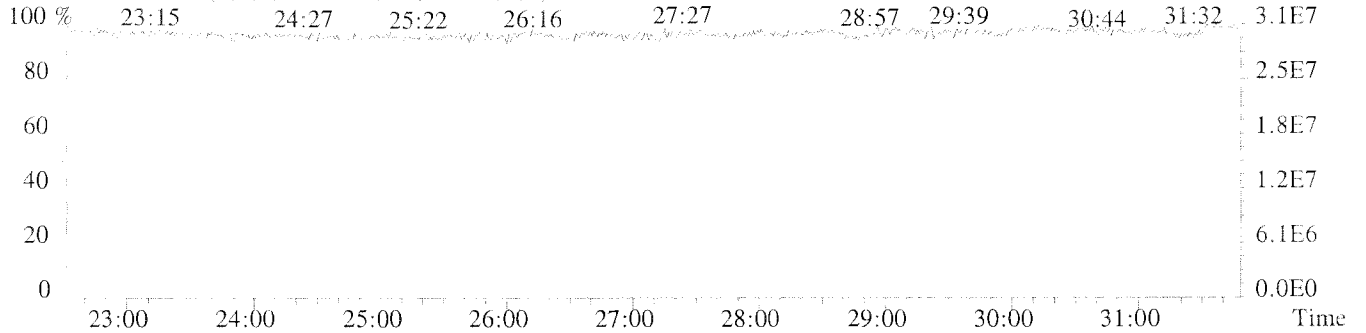
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1996.0,1.00%,F,T)



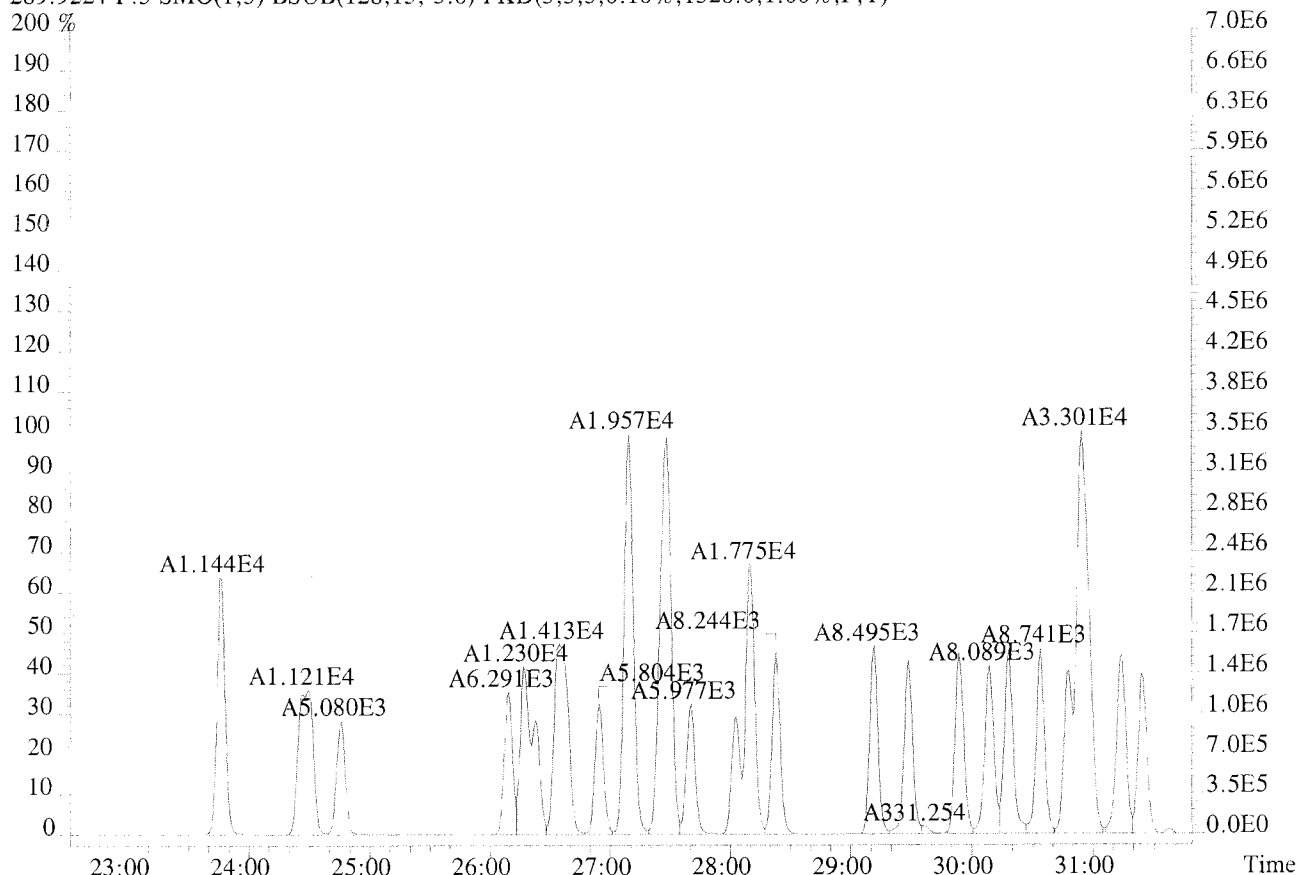
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,T)



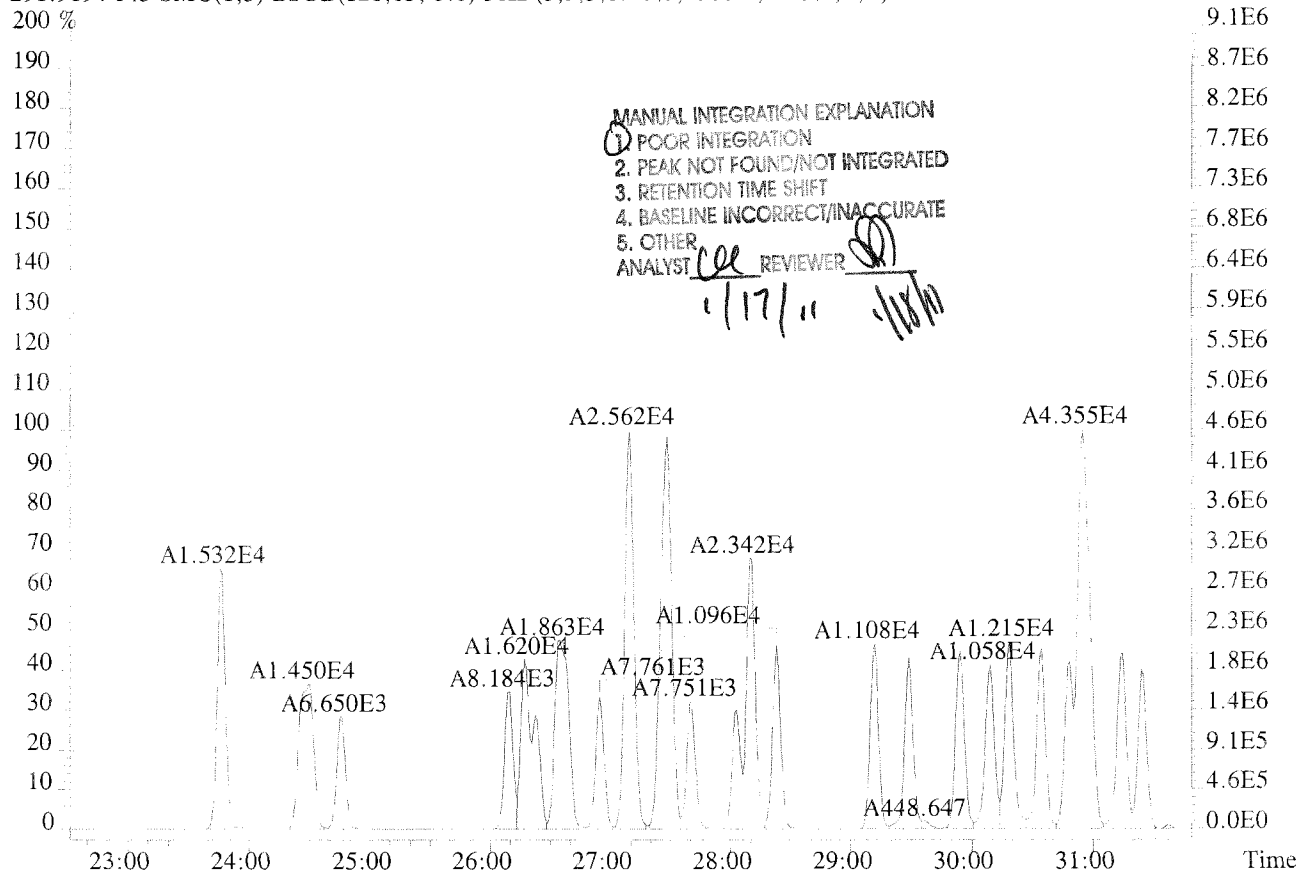
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224748 #1-594 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:PCB 209 INJECTION
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1520.0,1.00%,F,T)

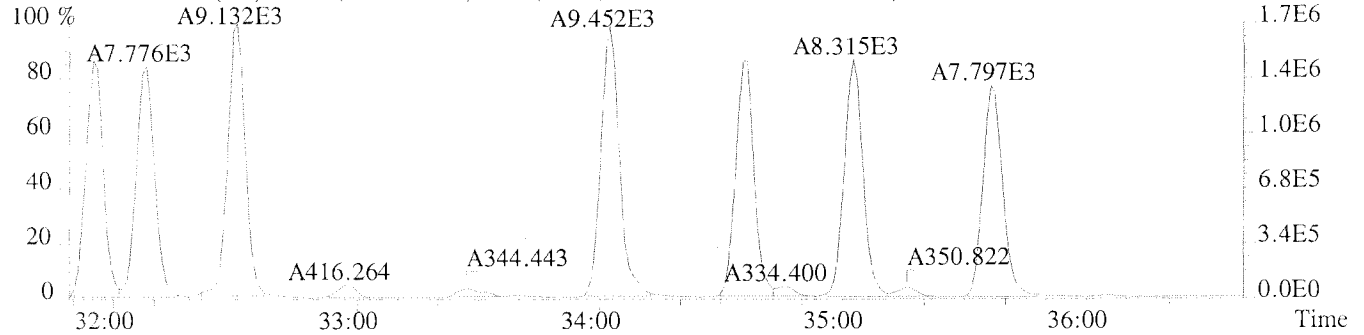


291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1300.0,1.00%,F,T)

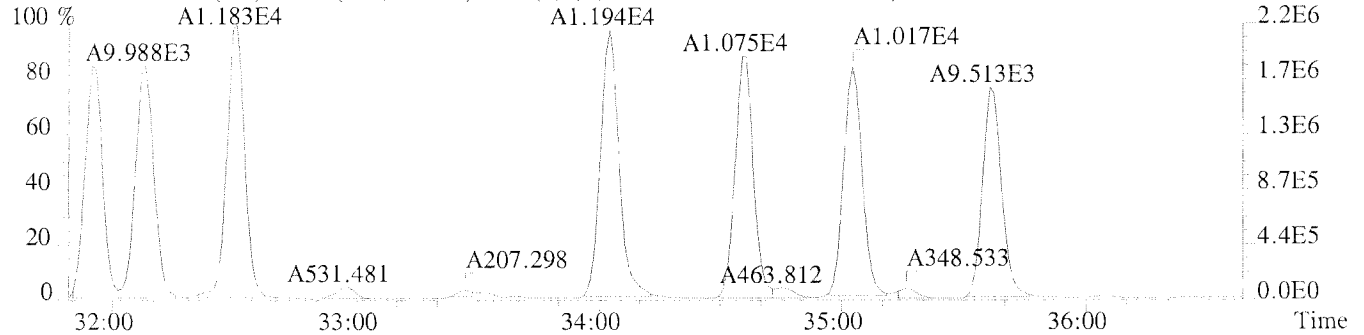


Sample#1 Exp:PCB 209 INJECTION

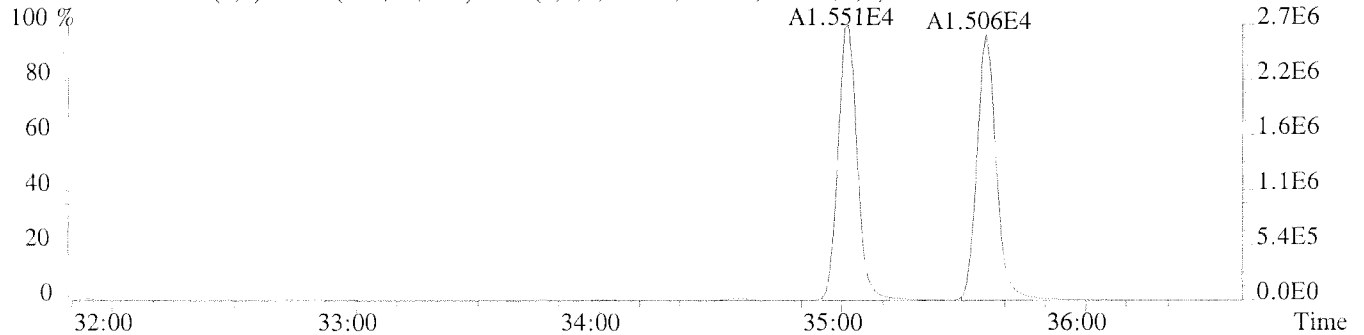
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14356.0,1.00%,F,T)



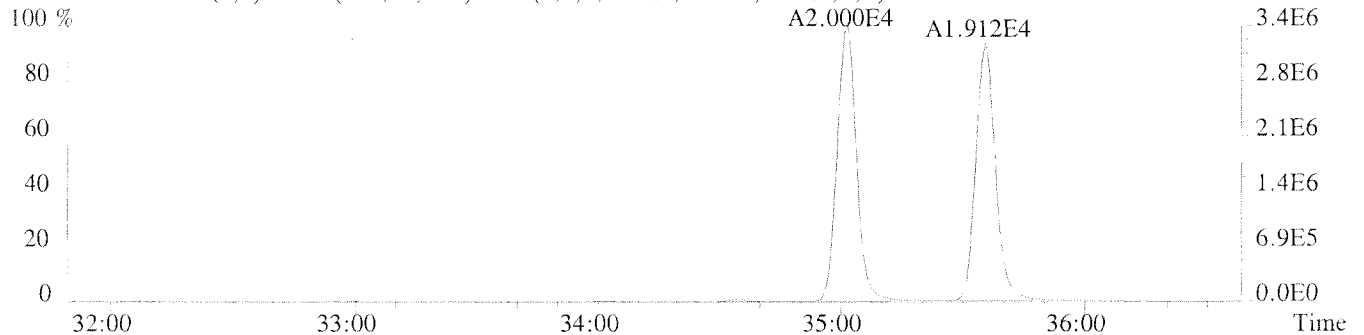
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,17736.0,1.00%,F,T)



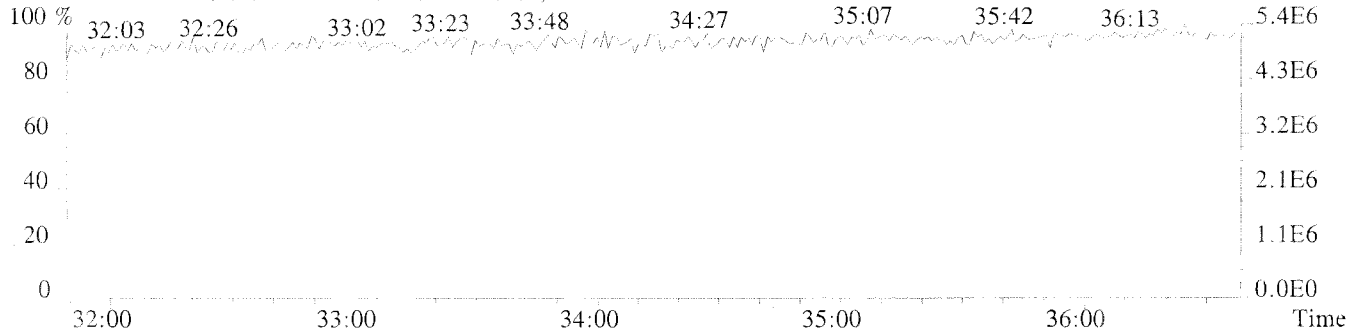
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2324.0,1.00%,F,T)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1264.0,1.00%,F,T)

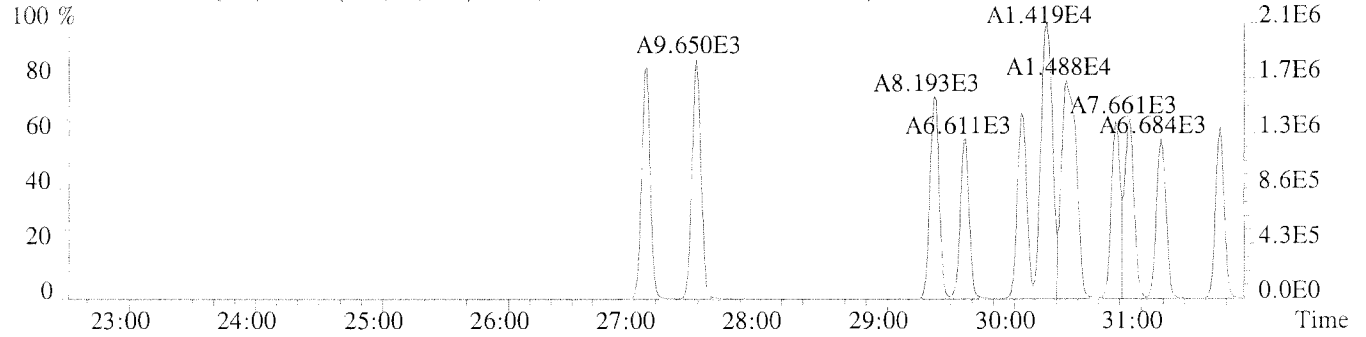


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

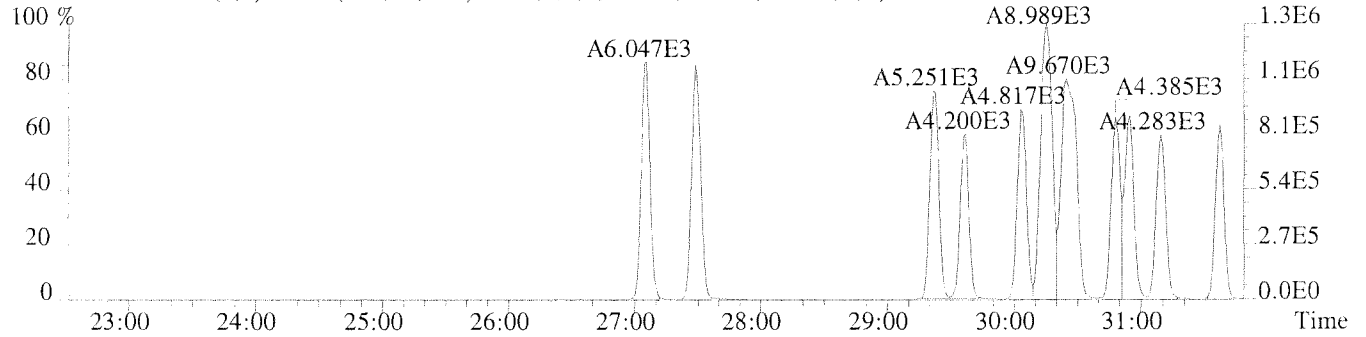


File:U224748 #1-594 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

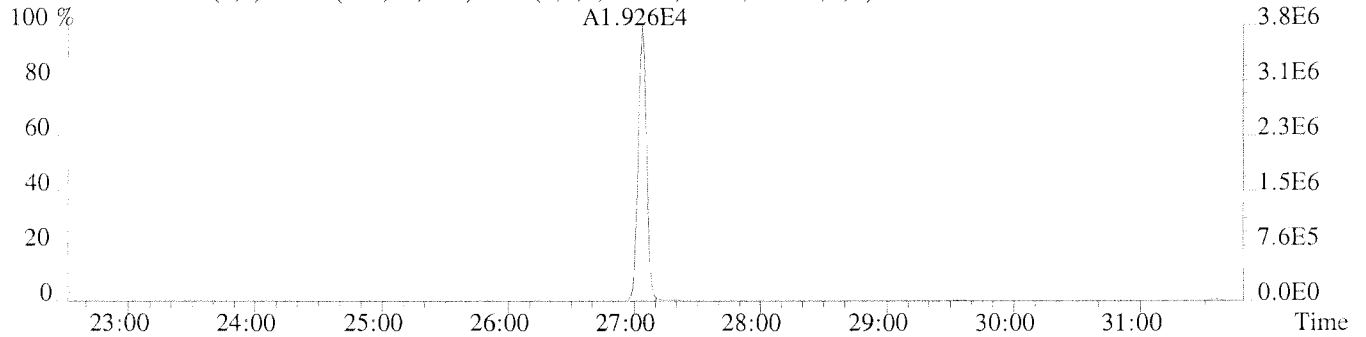
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,832.0,1.00%,F,T)



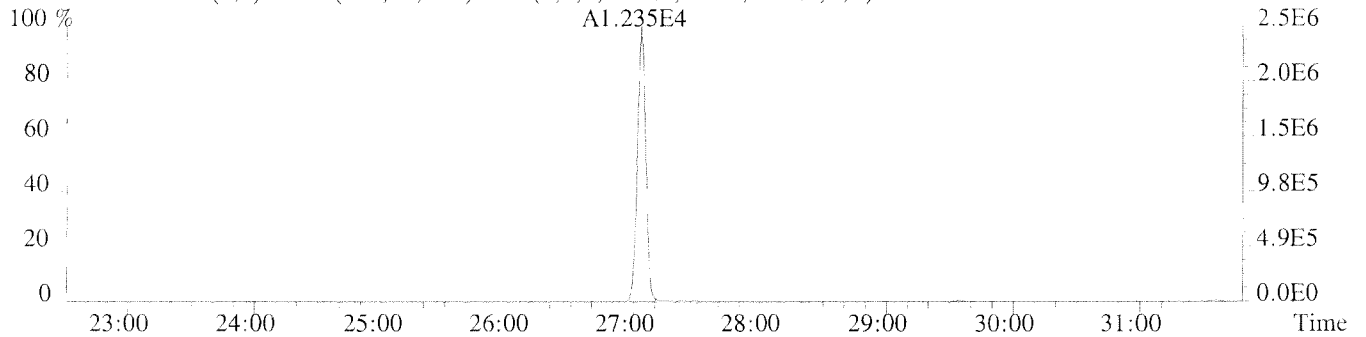
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1264.0,1.00%,F,T)



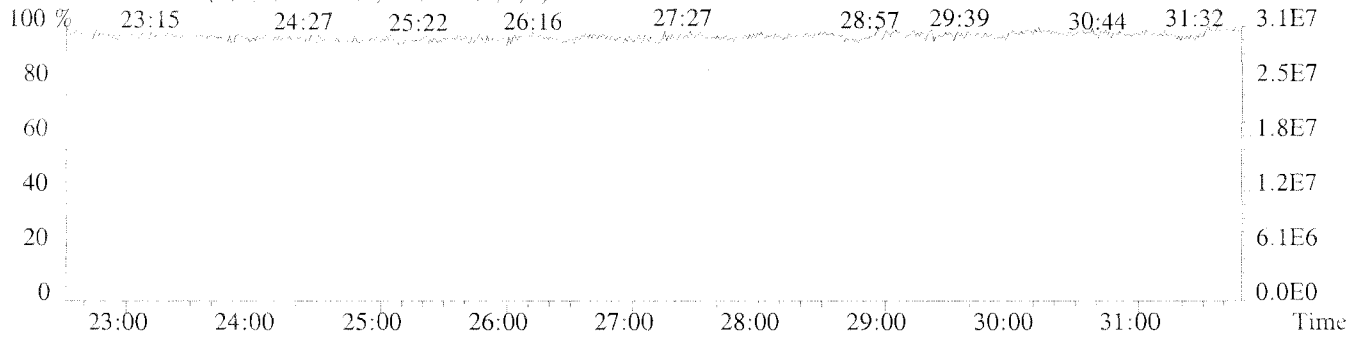
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,988.0,1.00%,F,T)



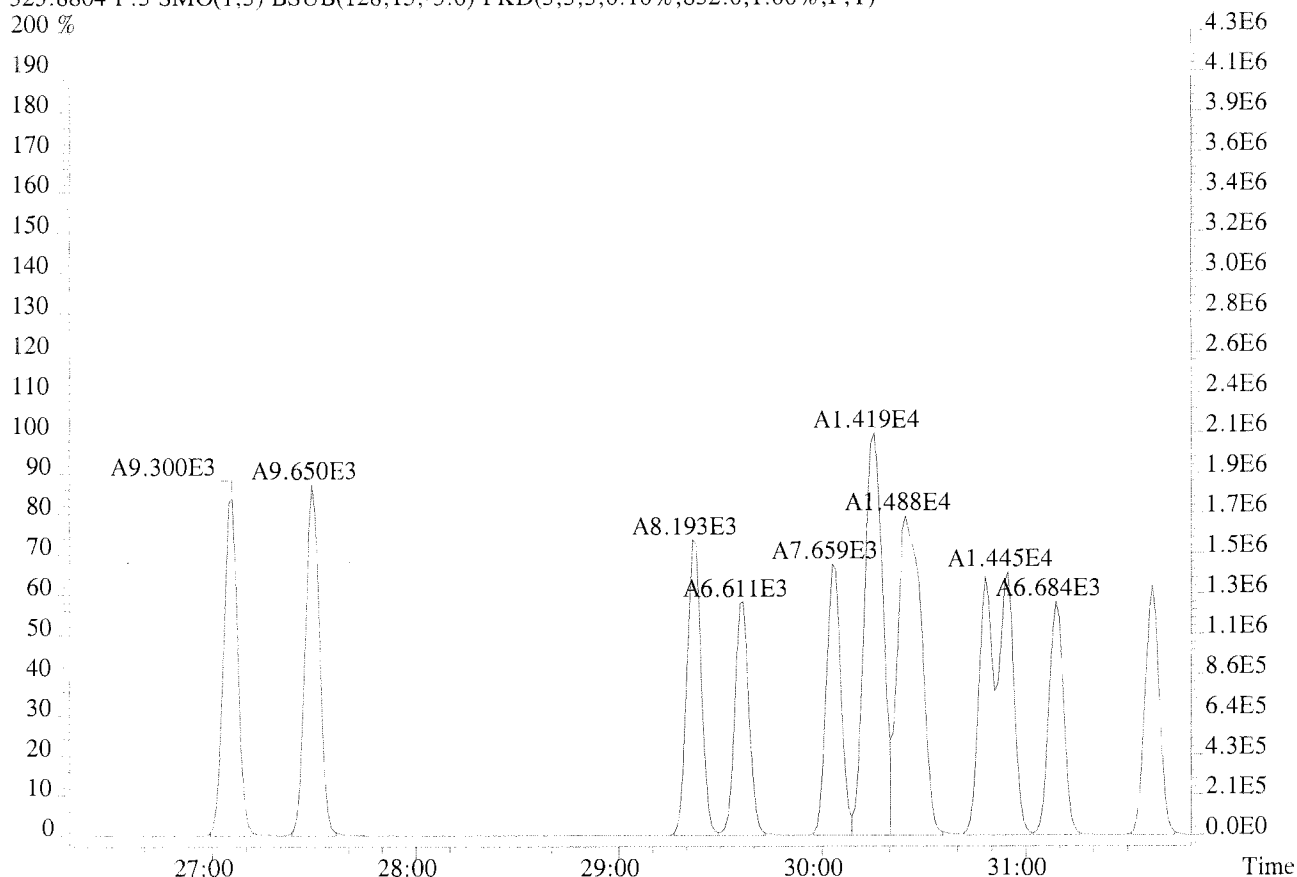
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,832.0,1.00%,F,T)



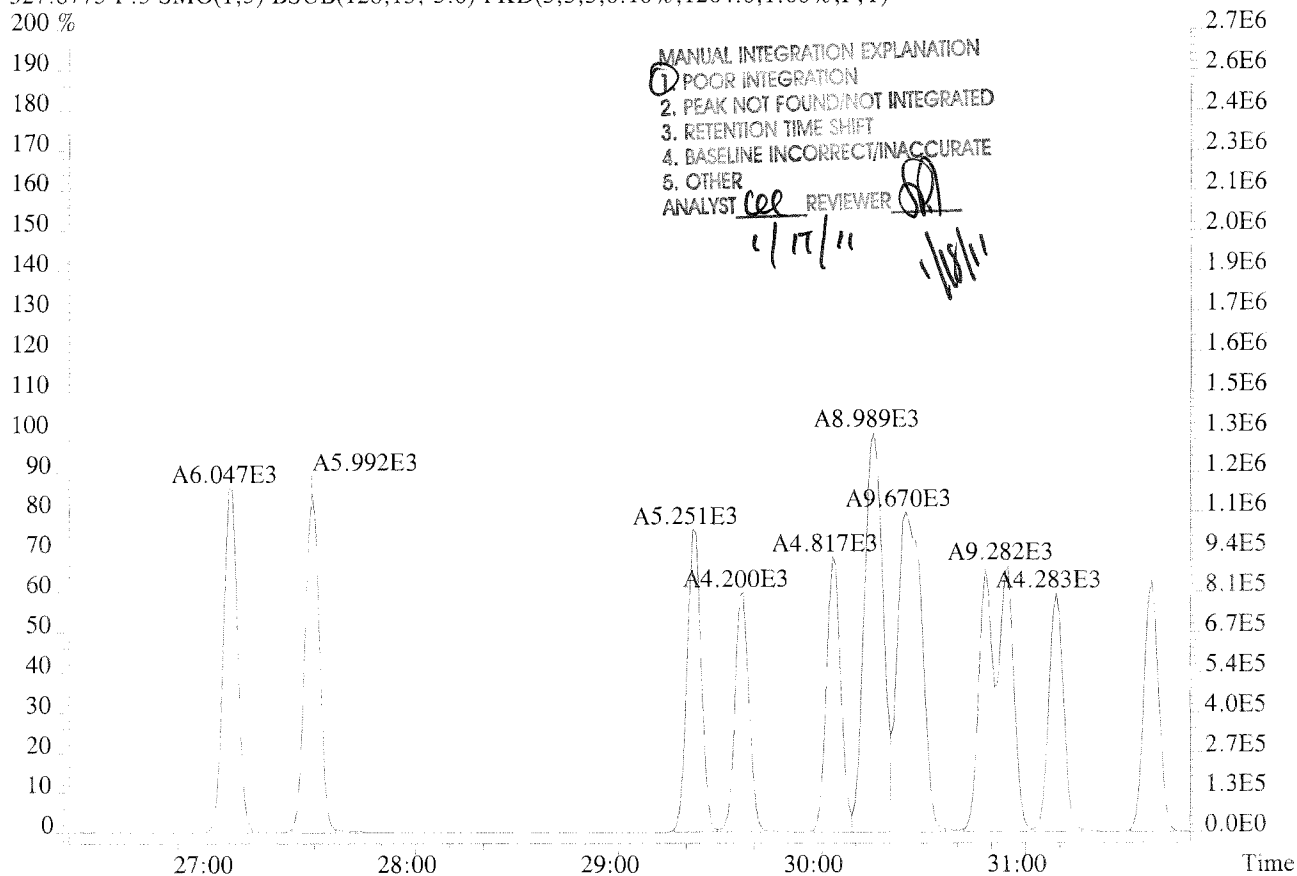
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



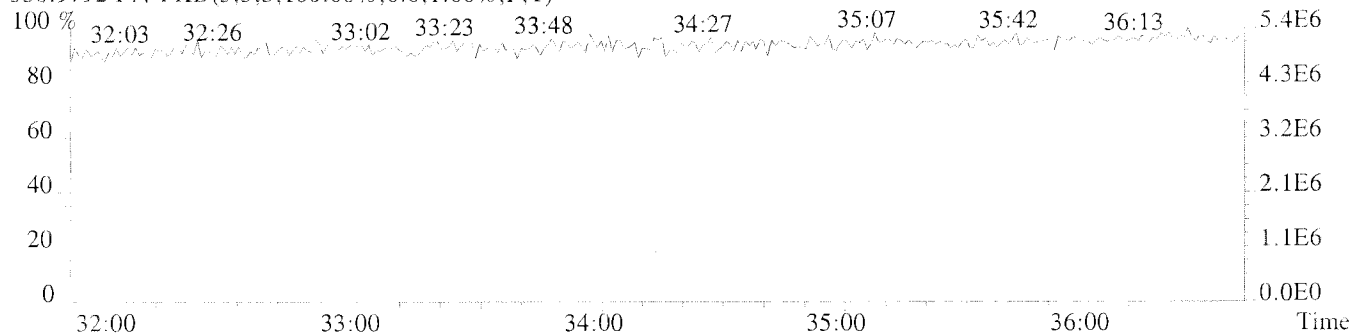
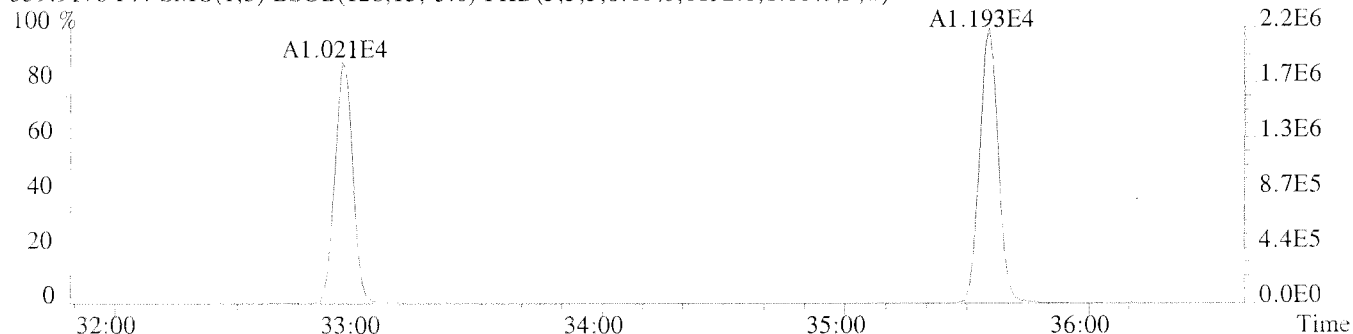
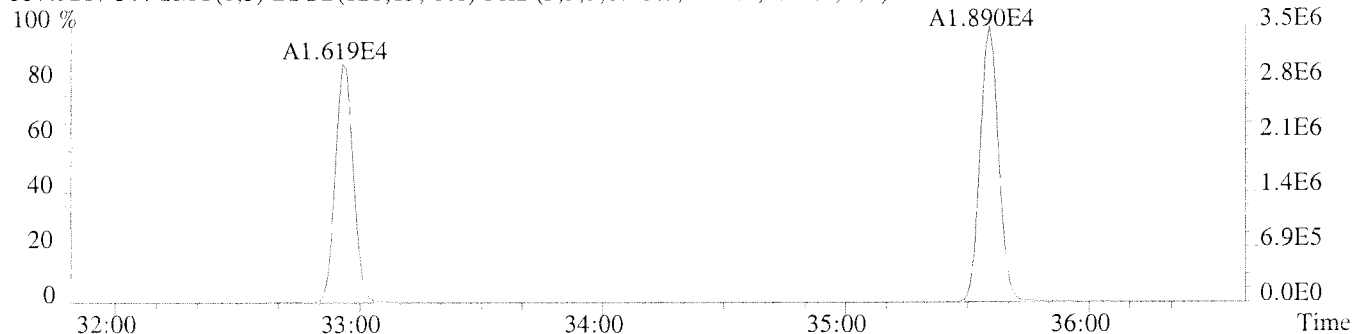
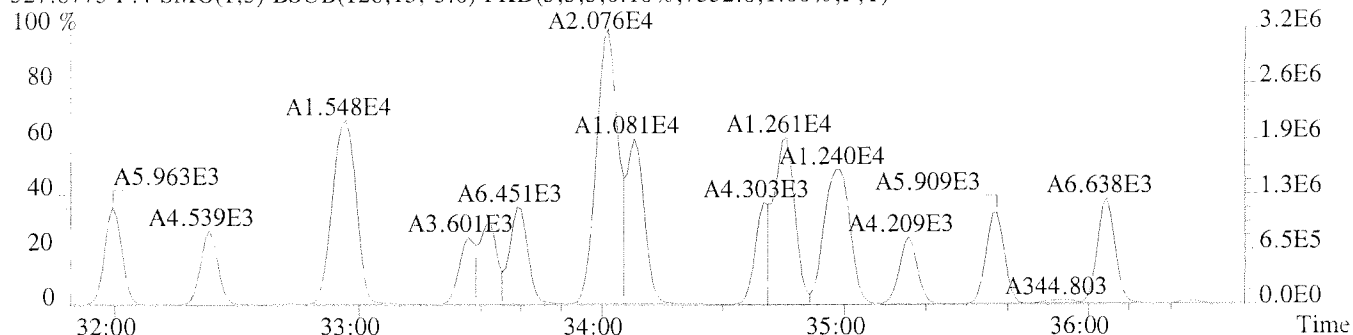
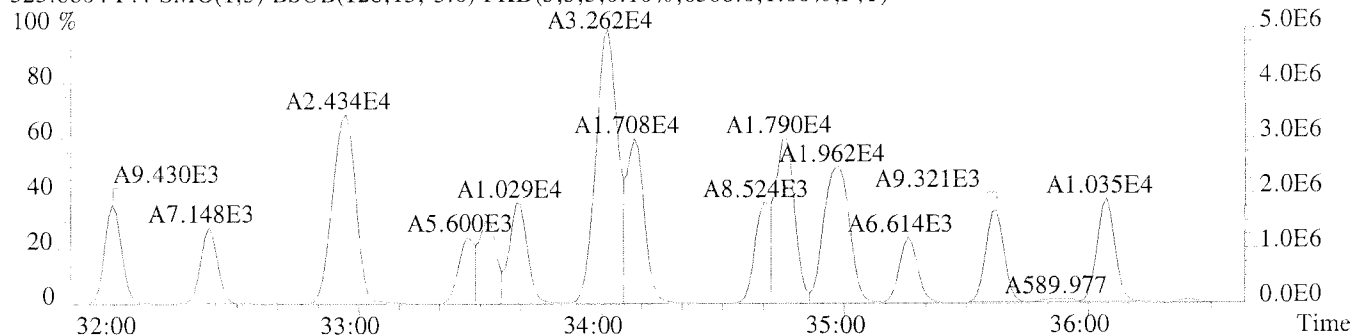
File:U224748 #1-594 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:PCB 209 INJECTION
 325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,832.0,1.00%,F,T)
 200 %



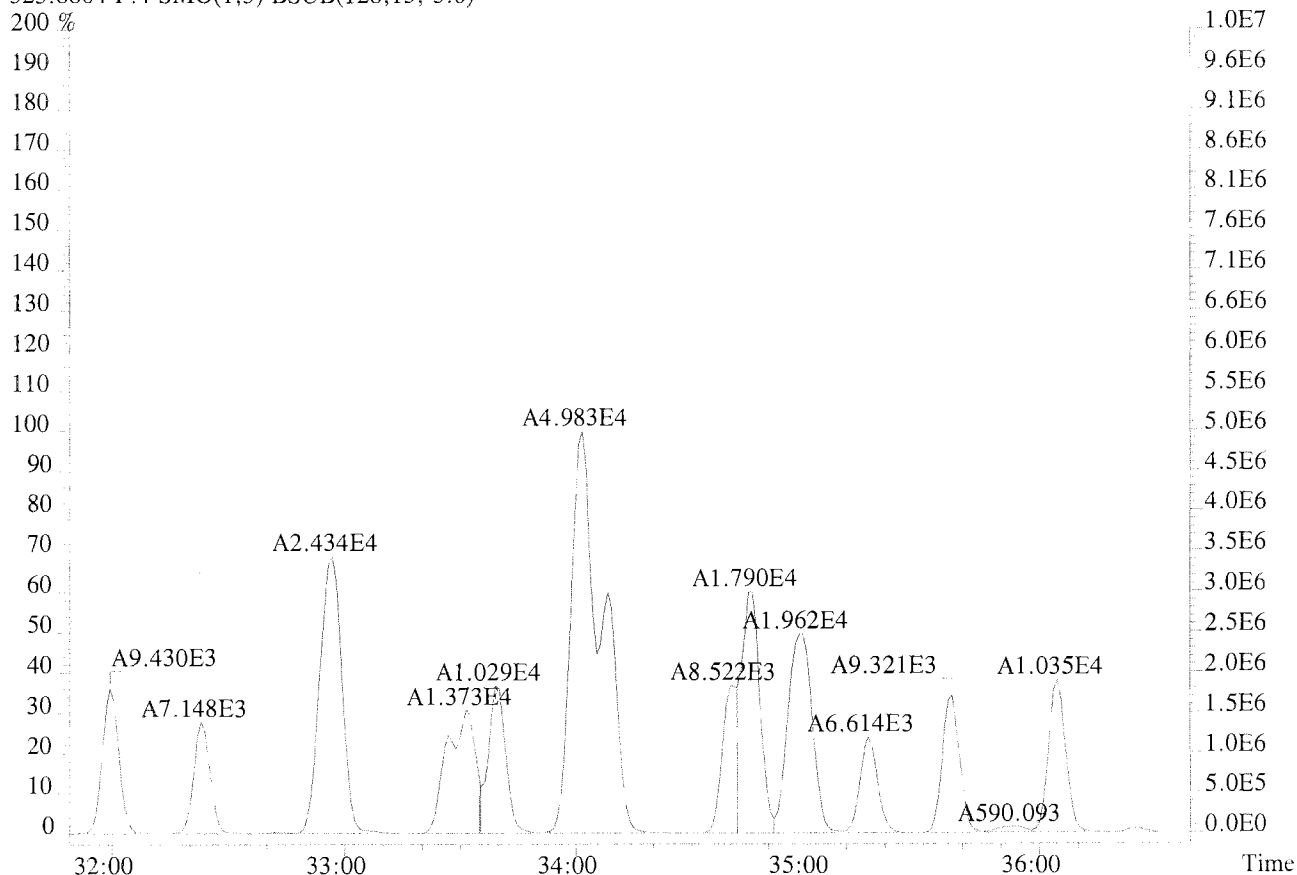
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1264.0,1.00%,F,T)
 200 %



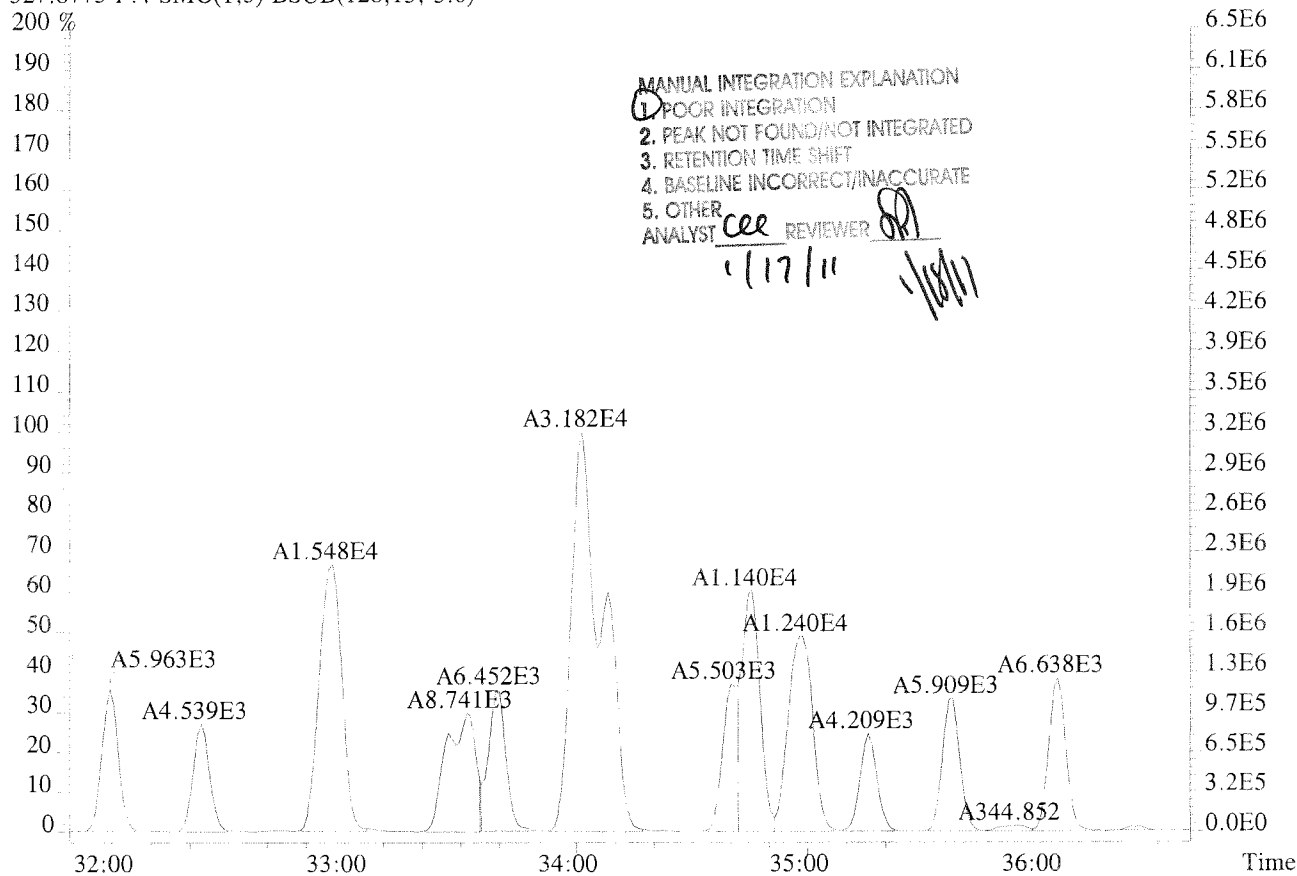
MANUAL INTEGRATION EXPLANATION
 1. POOR INTEGRATION
 2. PEAK NOT FOUND/NOT INTEGRATED
 3. RETENTION TIME SHIFT
 4. BASELINE INCORRECT/INACCURATE
 5. OTHER
 ANALYST cel REVIEWER [Signature]
 1/17/11 1/18/11



File:U224748 #1-309 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:PCB 209 INJECTION
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0)



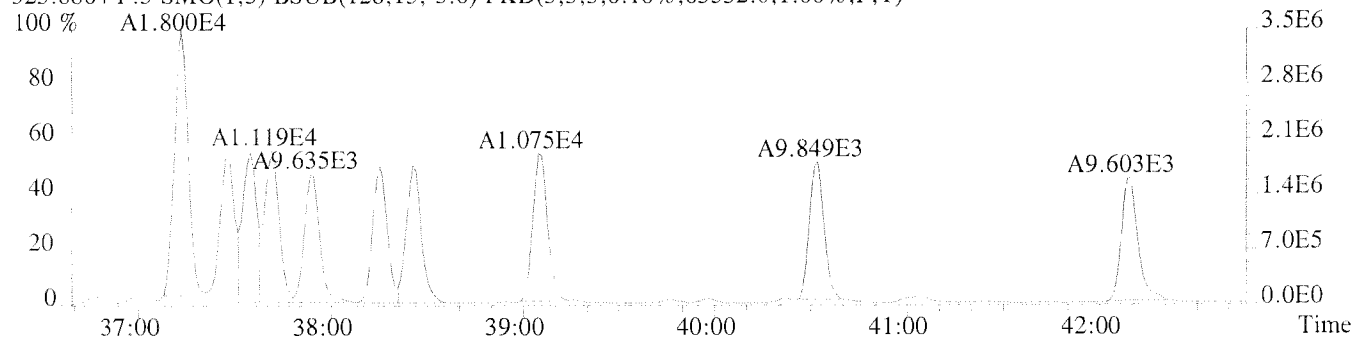
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0)



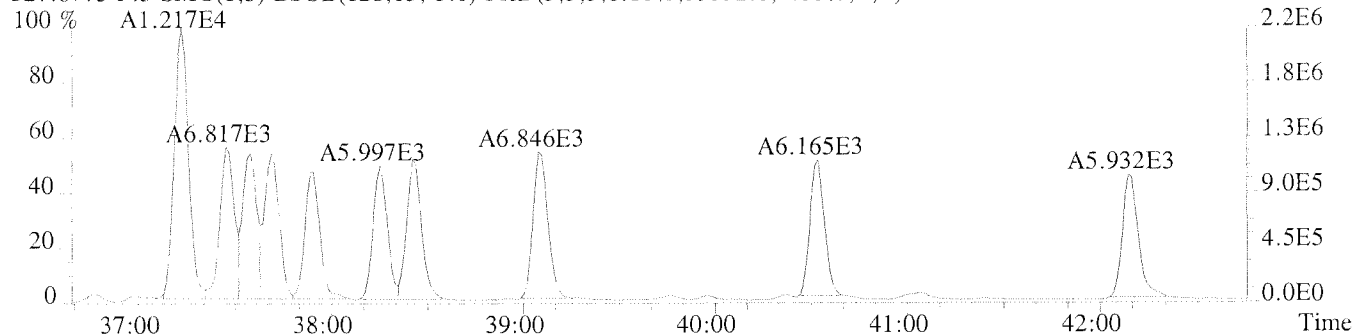
File:U224748 #1-391 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

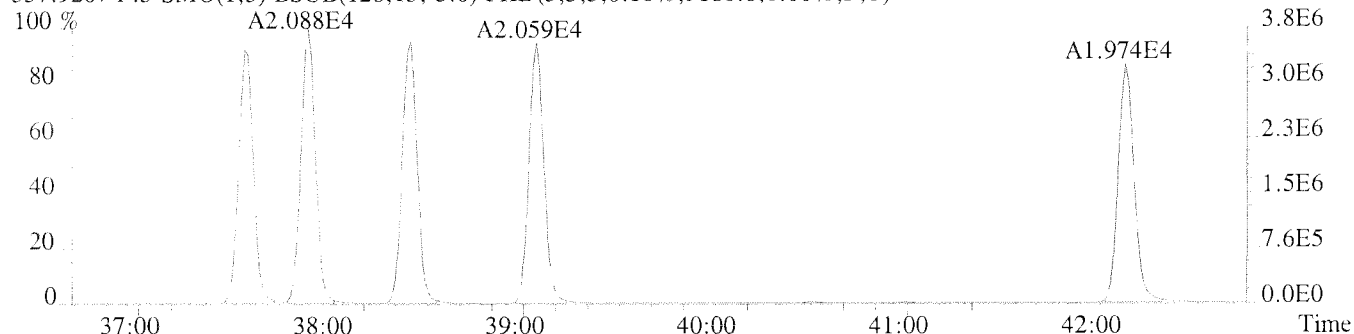
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,63532.0,1.00%,F,T)



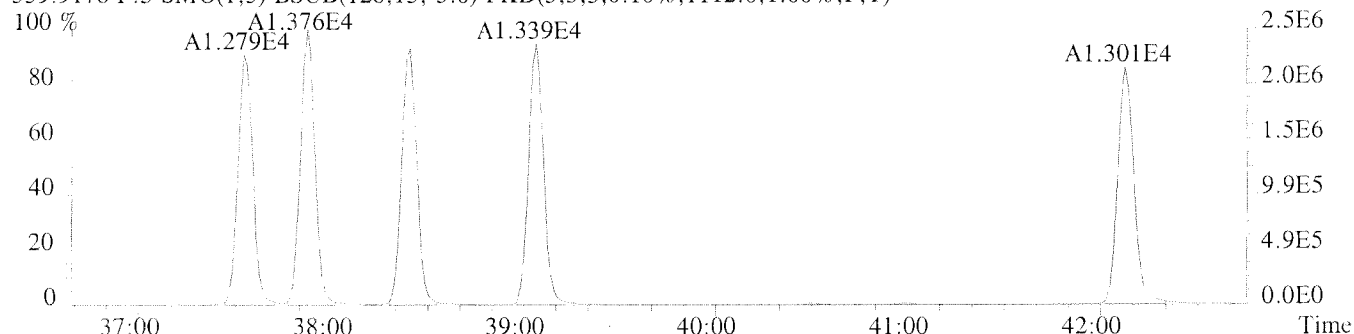
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,39392.0,1.00%,F,T)



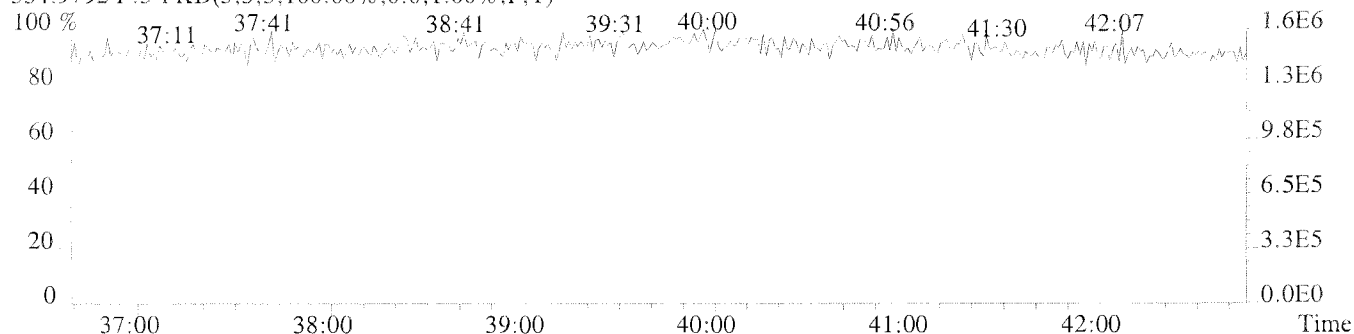
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9180.0,1.00%,F,T)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1112.0,1.00%,F,T)

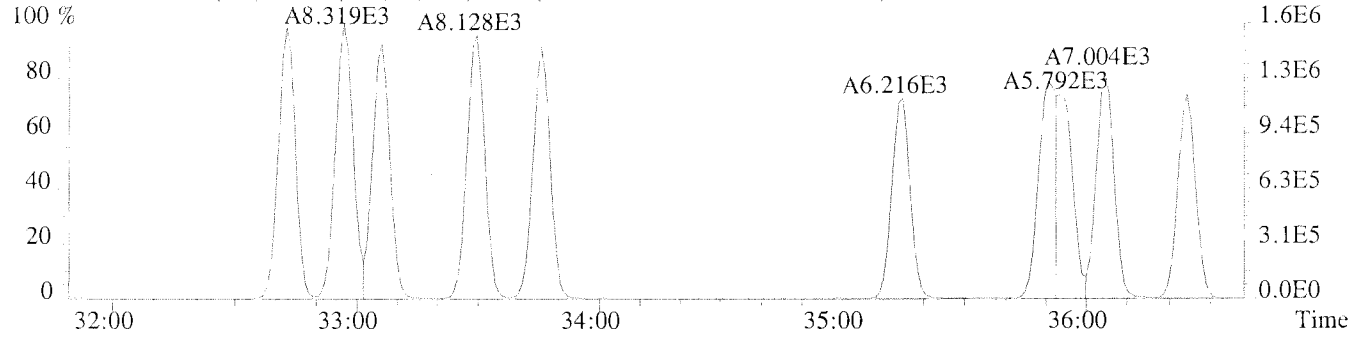


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

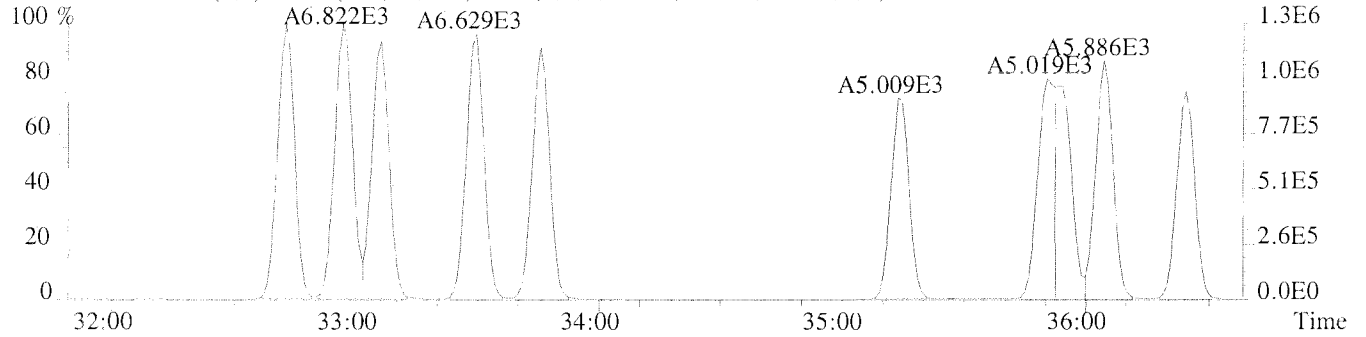


Sample#1 Exp:PCB 209 INJECTION

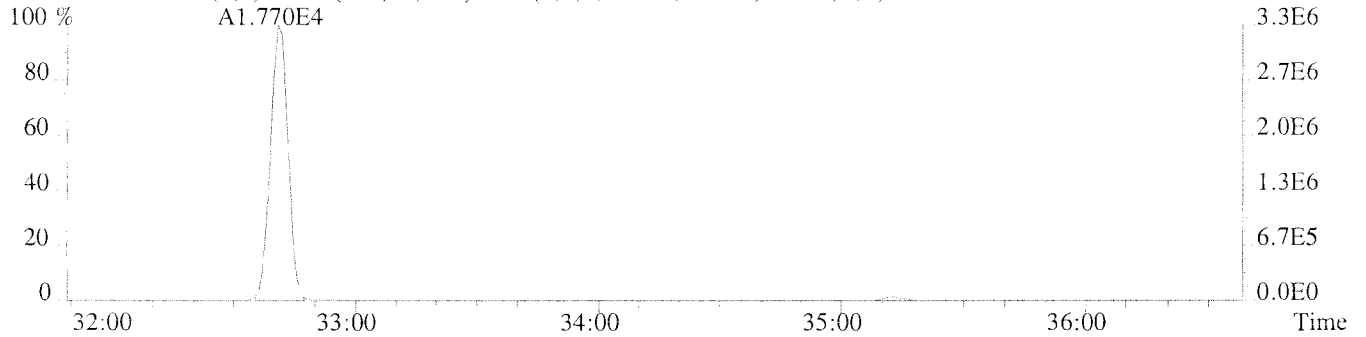
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1536.0,1.00%,F,T)



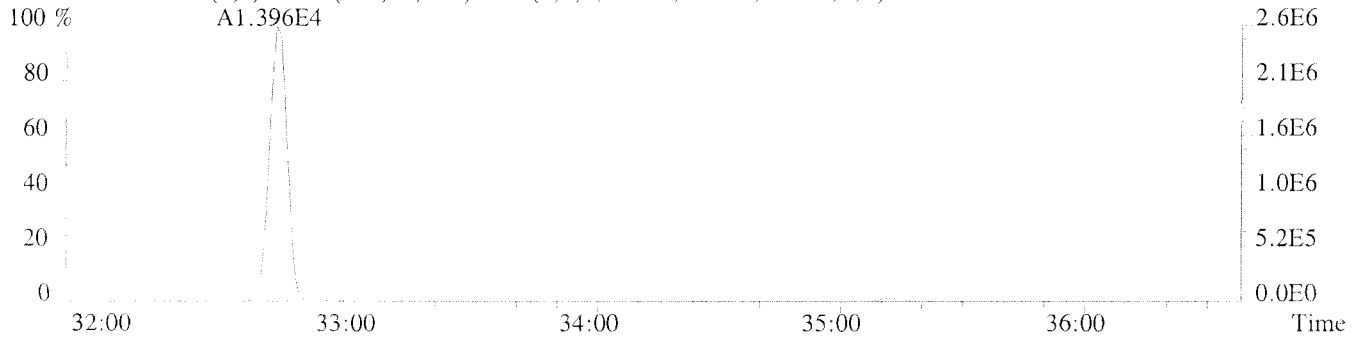
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2068.0,1.00%,F,T)



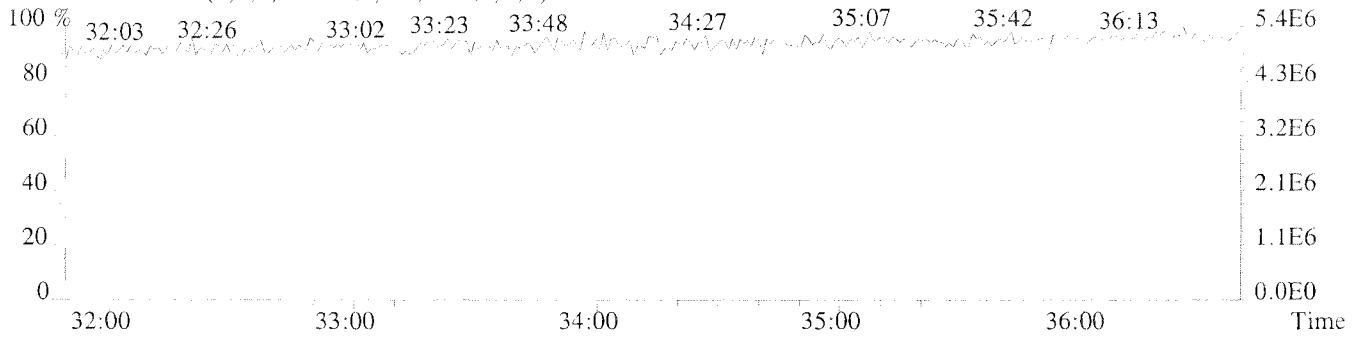
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1036.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1320.0,1.00%,F,T)

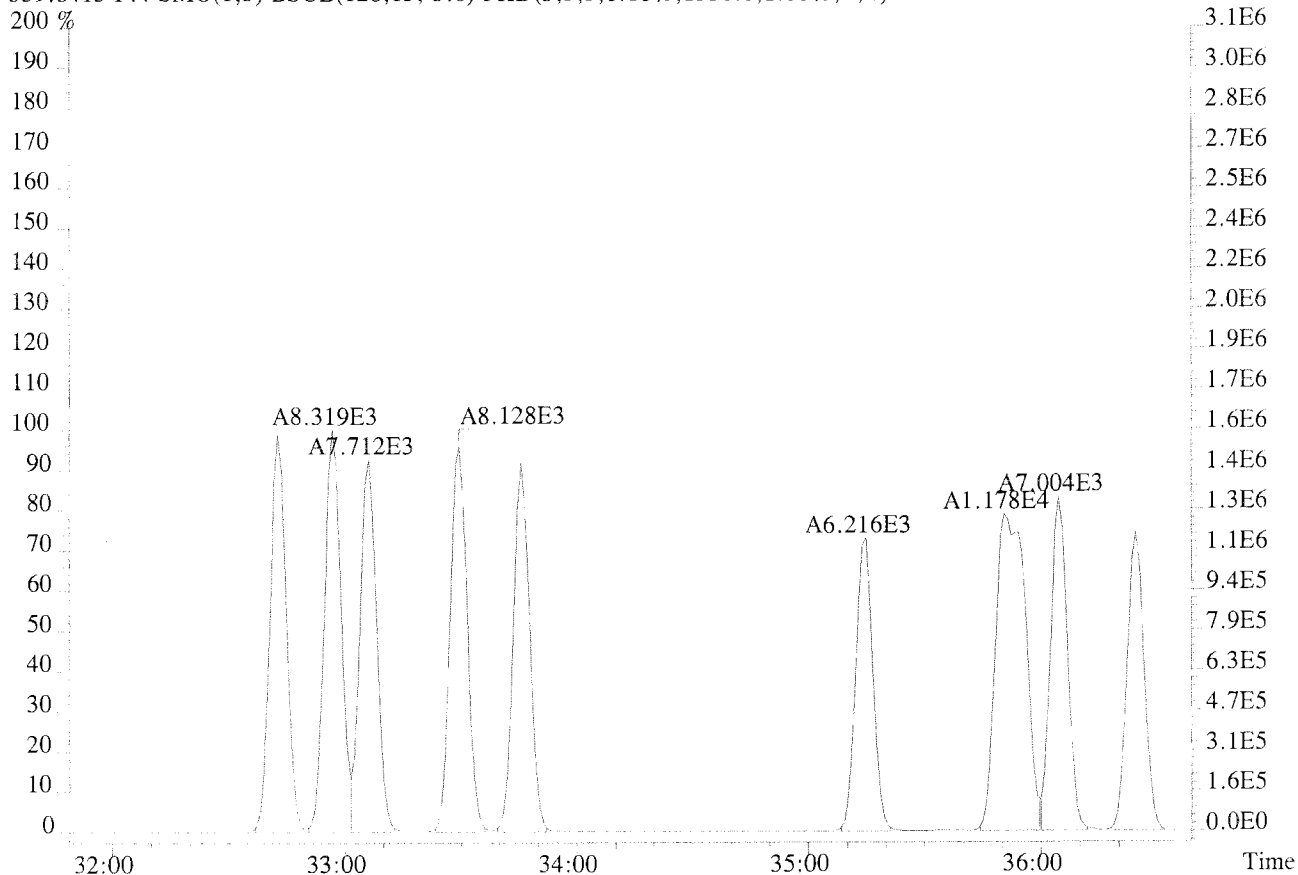


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

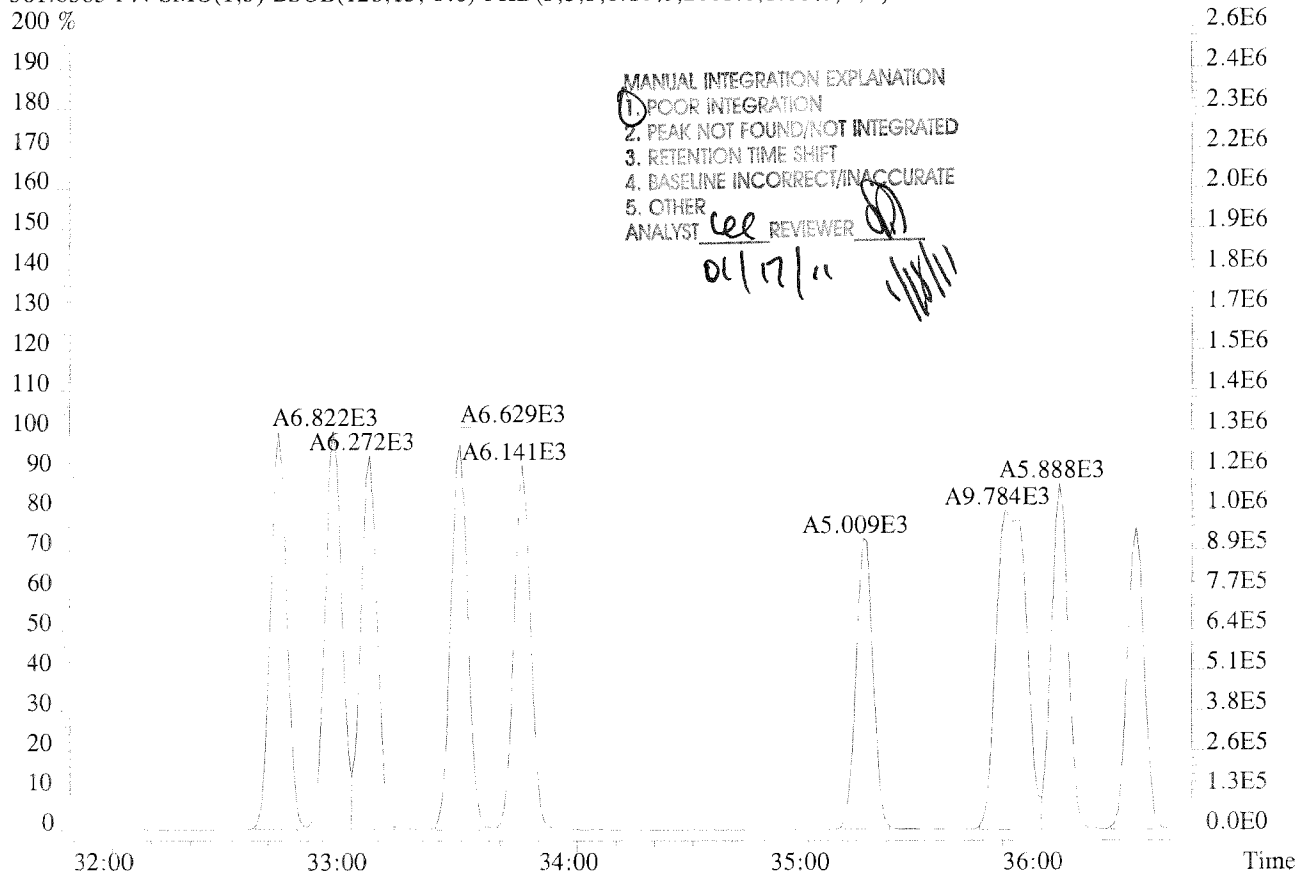


File:U224748 #1-309 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass sf
Sample#1 Exp:PCB 209 INJECTION

359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1536.0,1.00%,F,T)



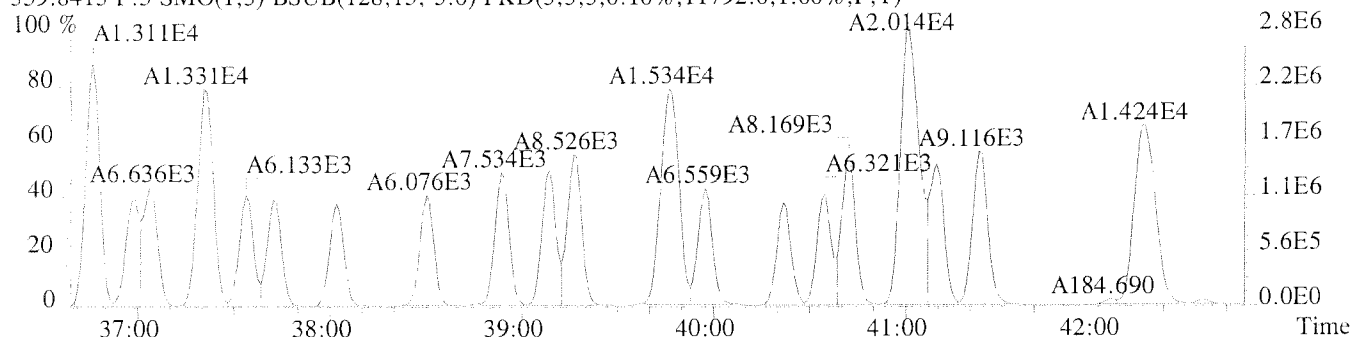
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2068.0,1.00%,F,T)



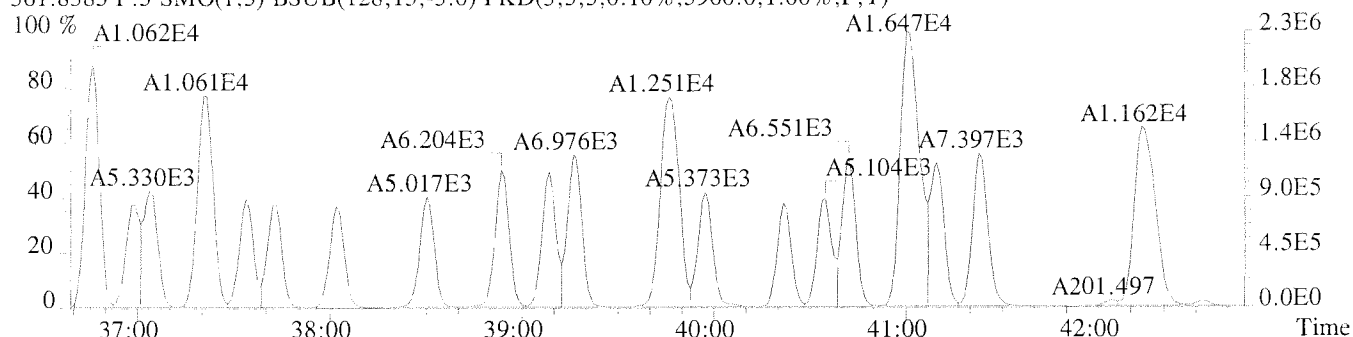
File:U224748 #1-391 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

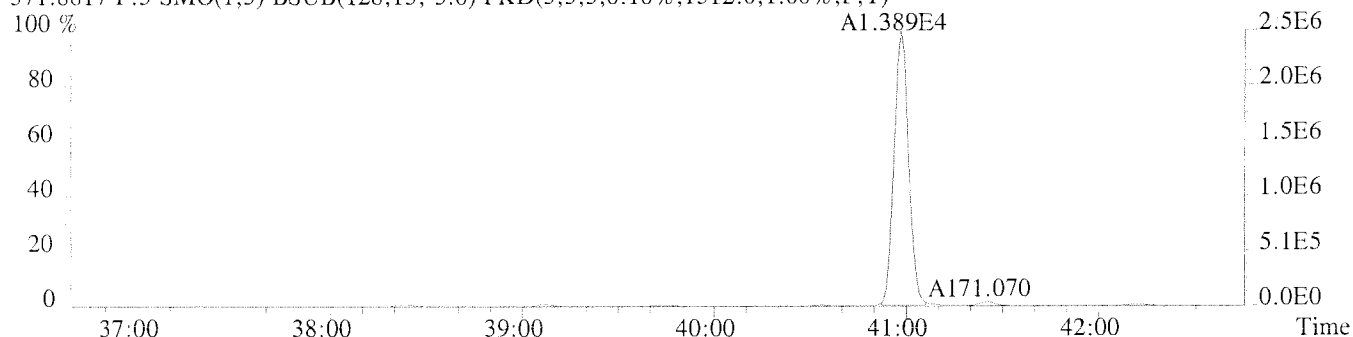
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11792.0,1.00%,F,T)



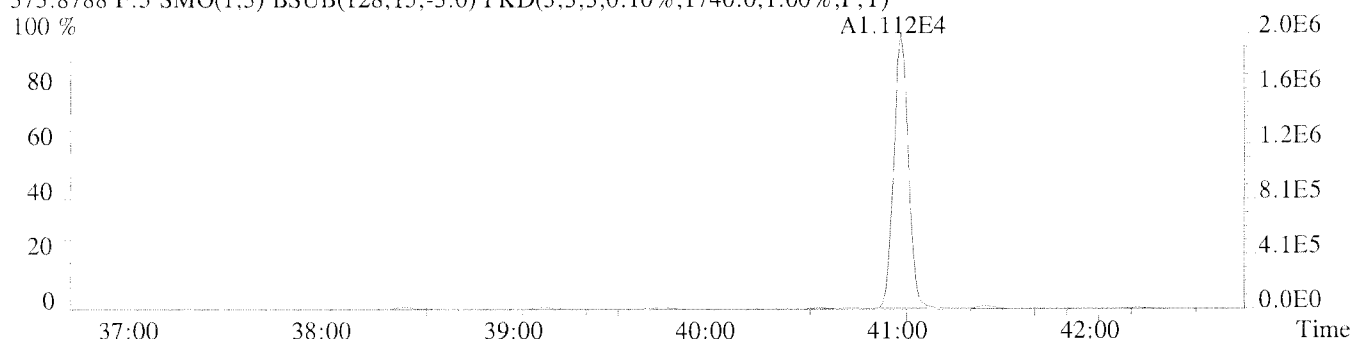
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5960.0,1.00%,F,T)



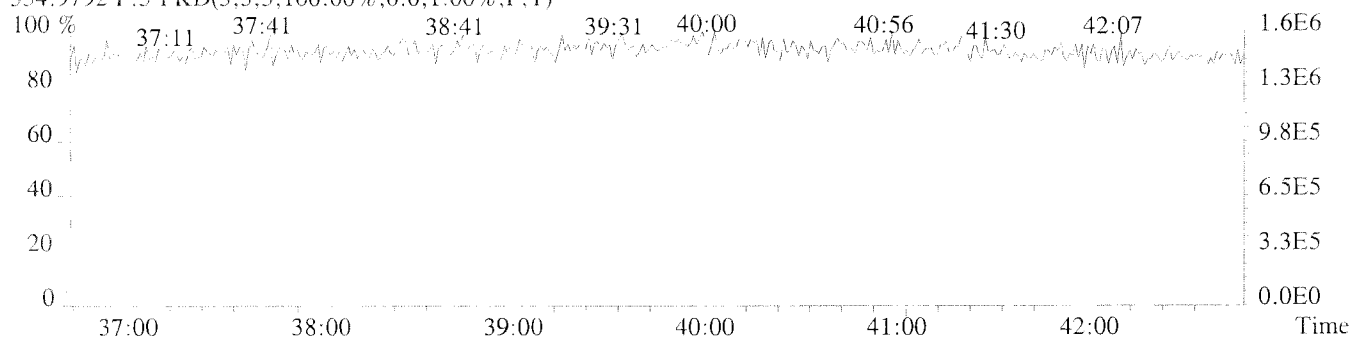
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1512.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1740.0,1.00%,F,T)



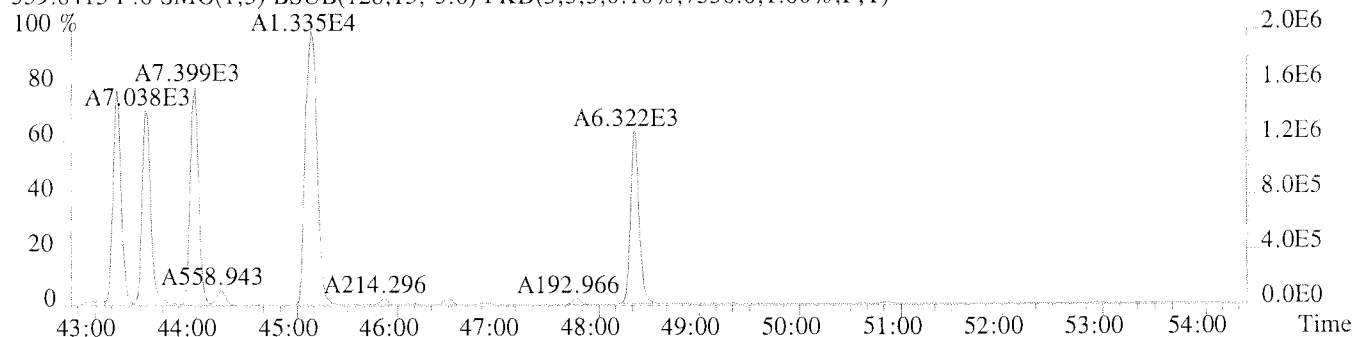
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



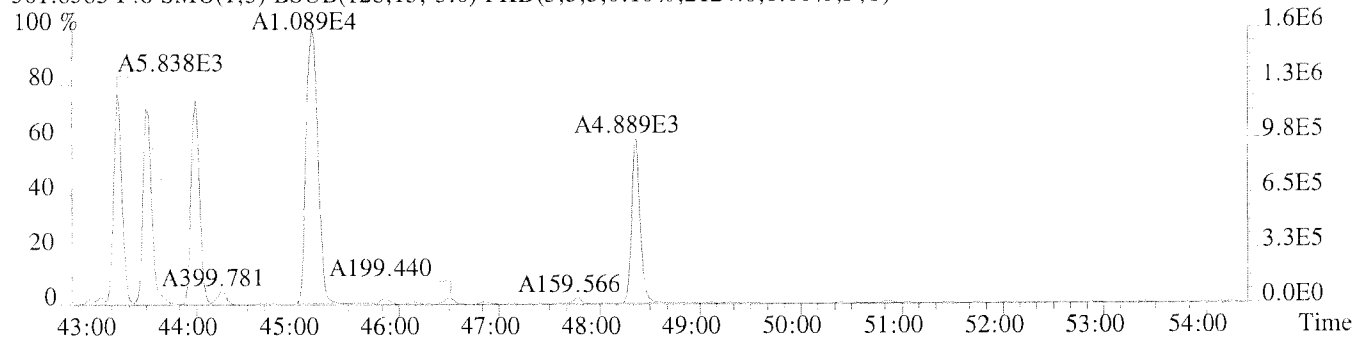
File:U224748 #1-577 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

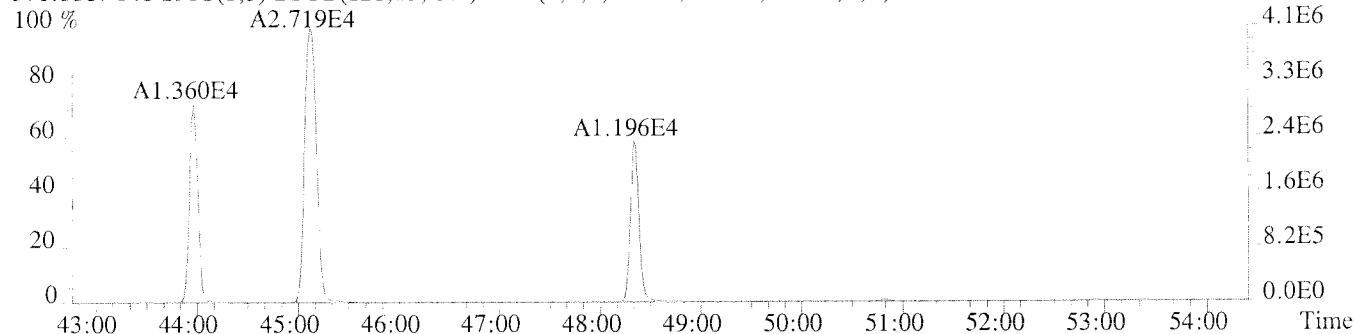
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7536.0,1.00%,F,T)



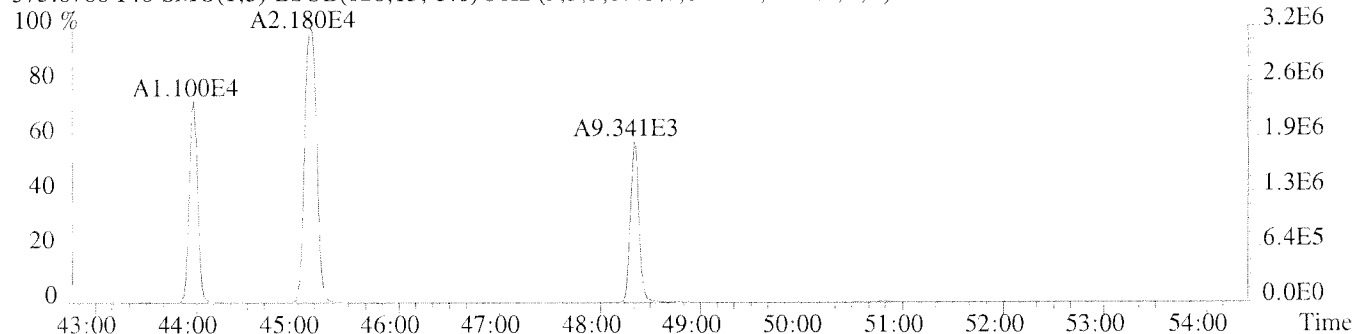
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2124.0,1.00%,F,T)



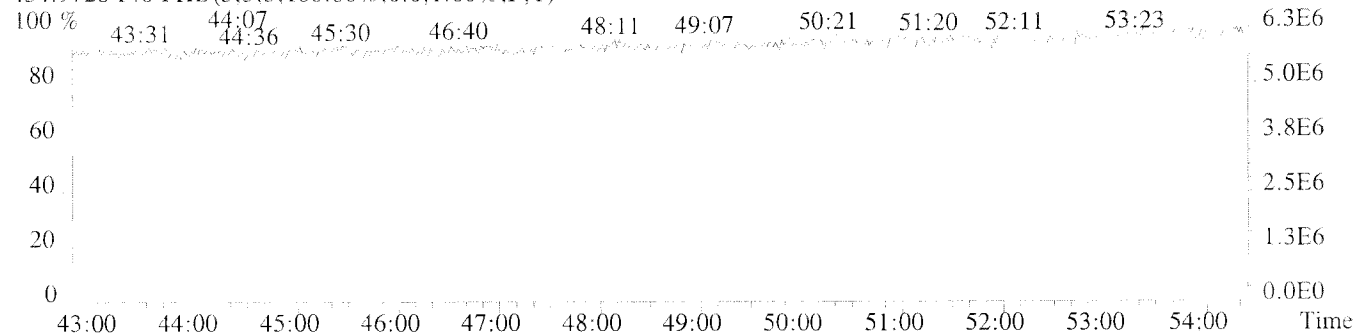
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1588.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1444.0,1.00%,F,T)

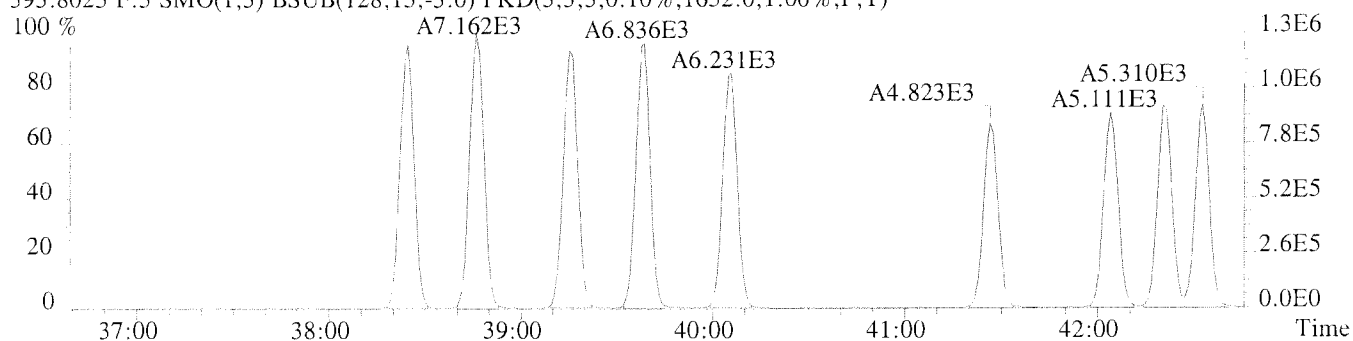


454.9728 F:6 PKD(5,3,5,1.00,0.0,1.00%,F,T)

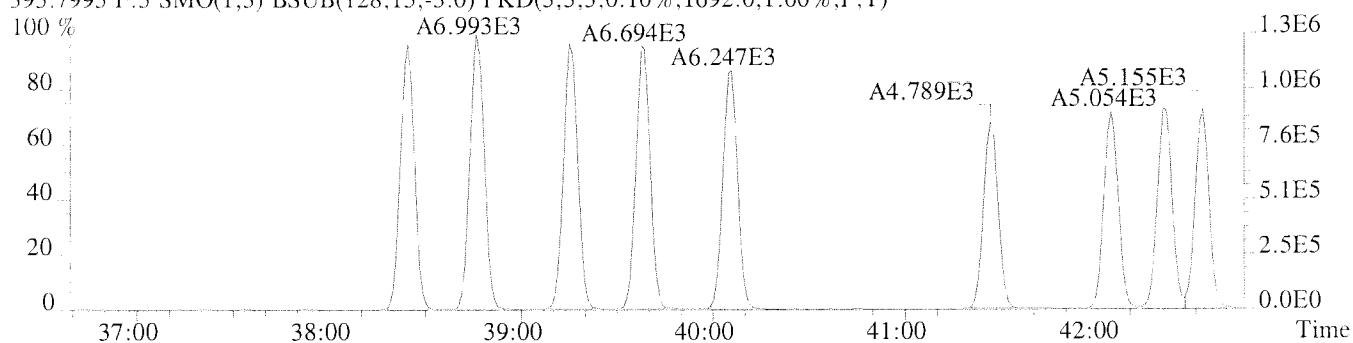


File:U224748 #1-391 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

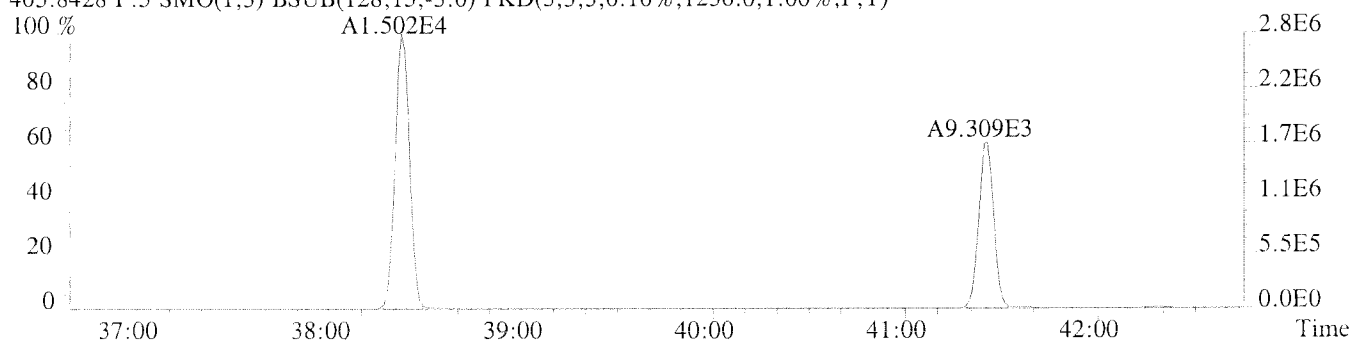
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1652.0,1.00%,F,T)



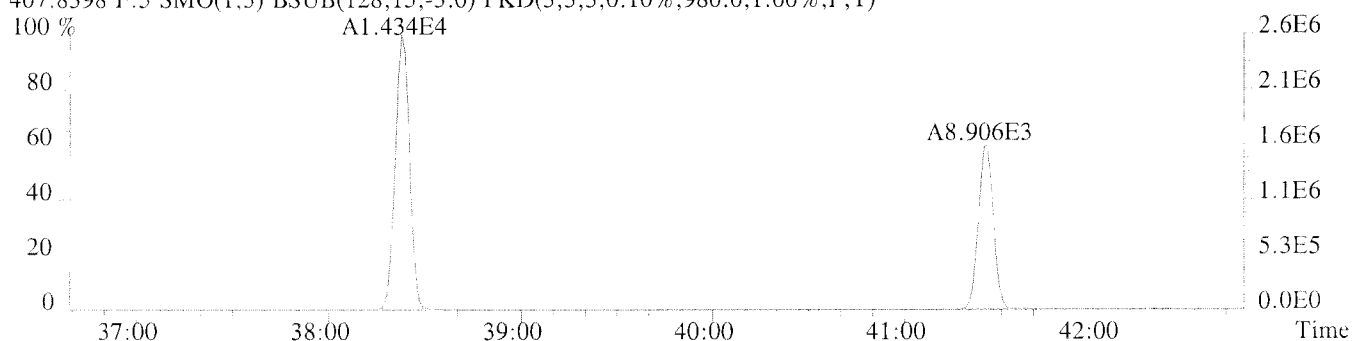
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1692.0,1.00%,F,T)



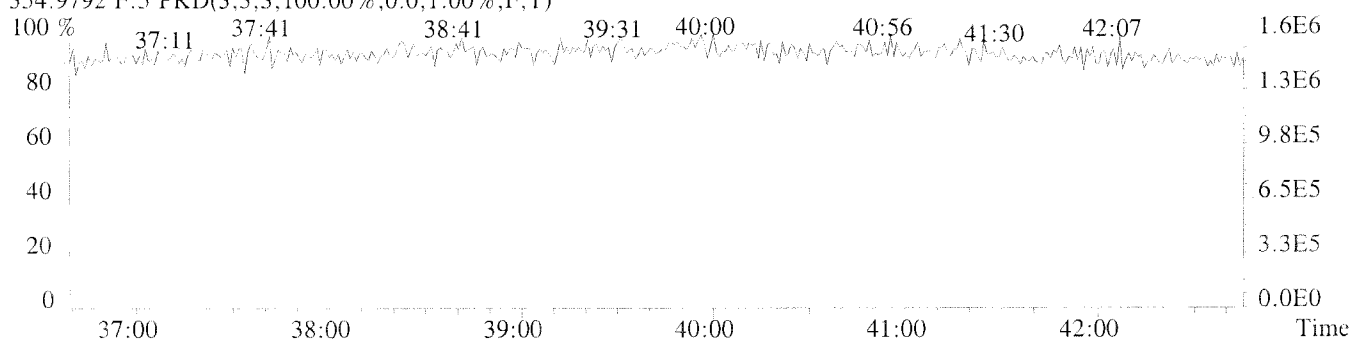
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1236.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,980.0,1.00%,F,T)

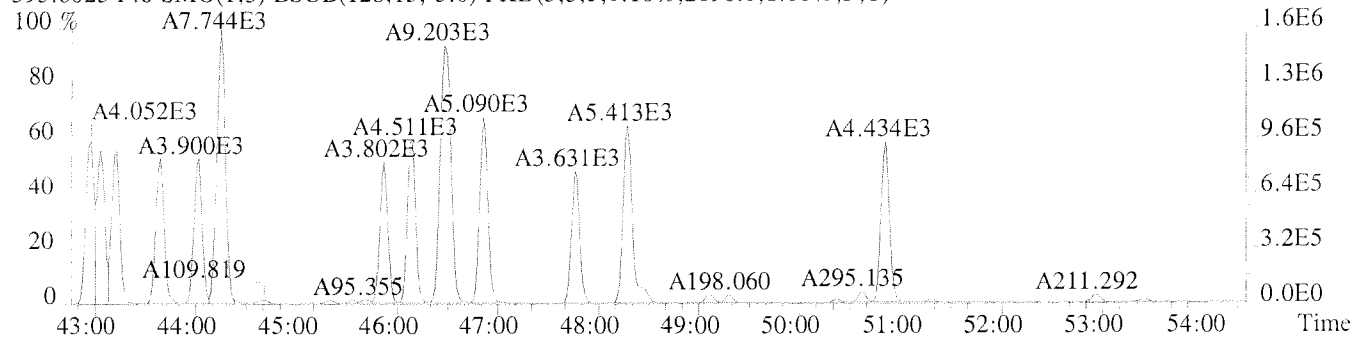


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

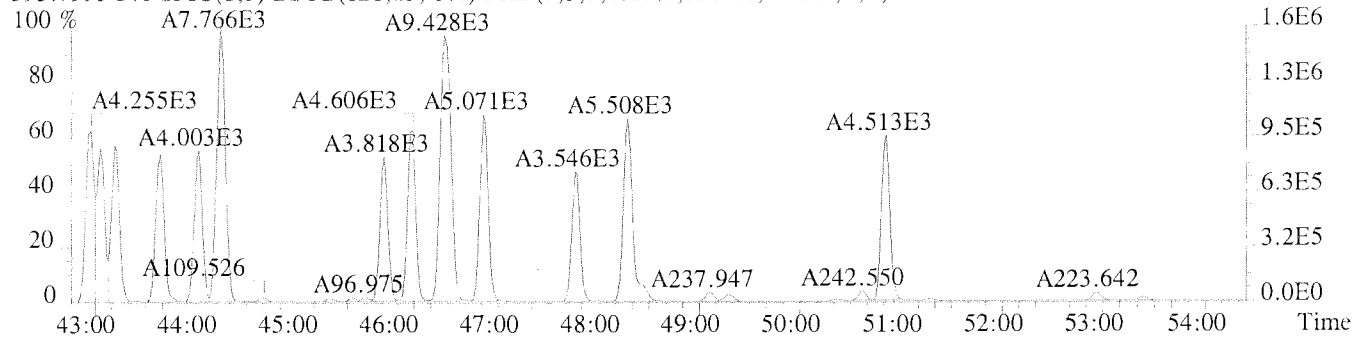


Sample#1 Exp:PCB 209 INJECTION

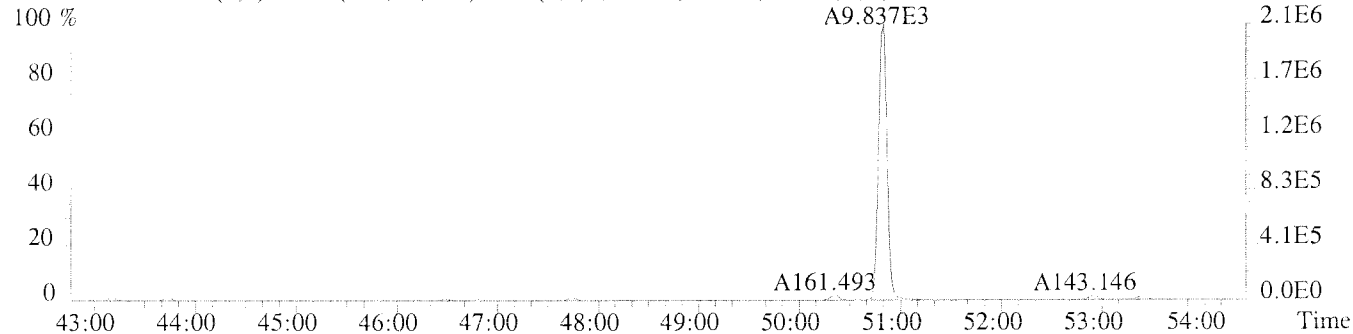
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2896.0,1.00%,F,T)



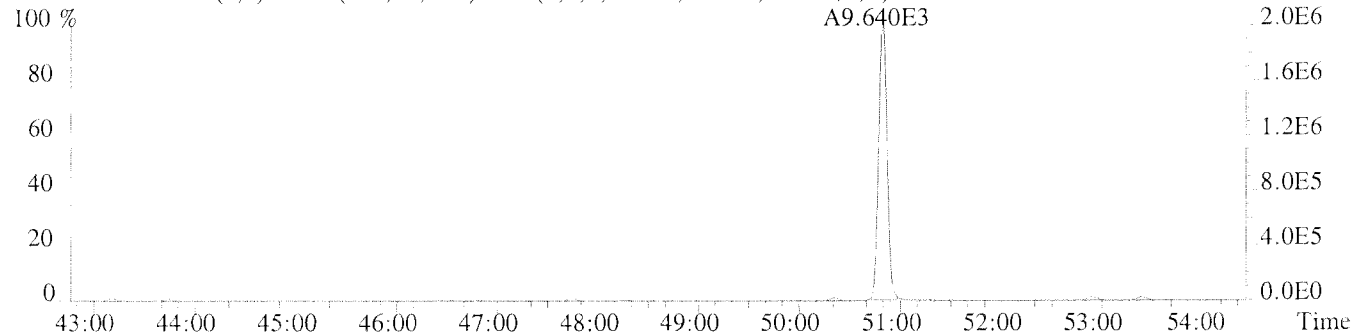
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6384.0,1.00%,F,T)



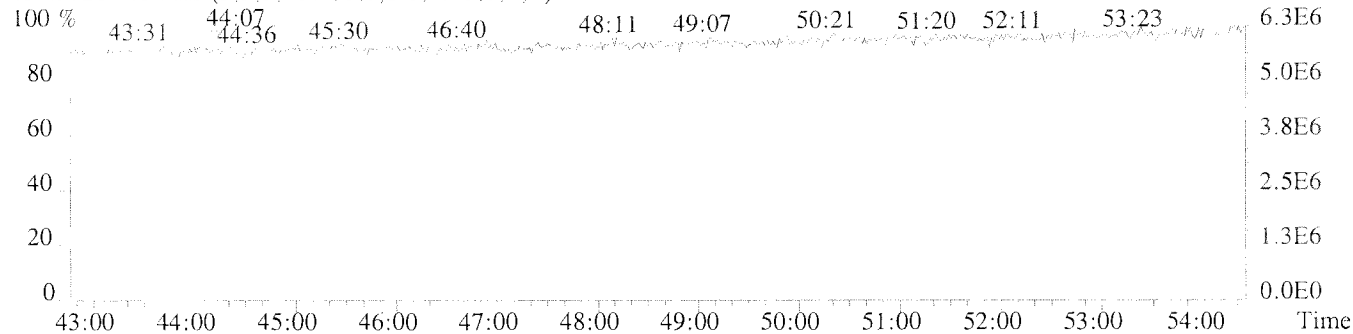
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1248.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1244.0,1.00%,F,T)



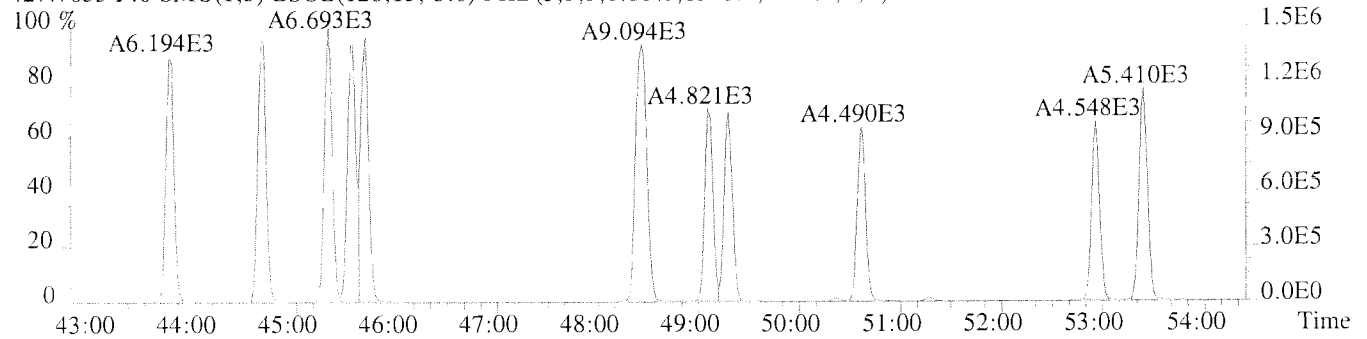
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



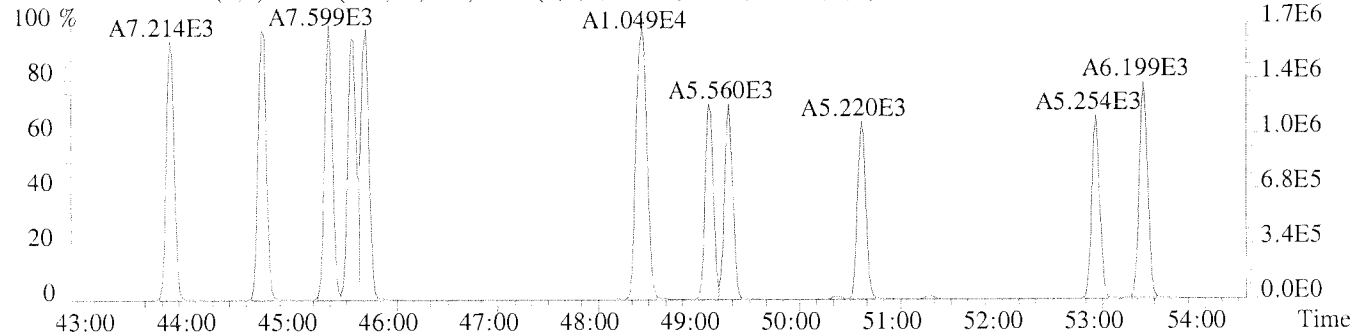
File:U224748 #1-577 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

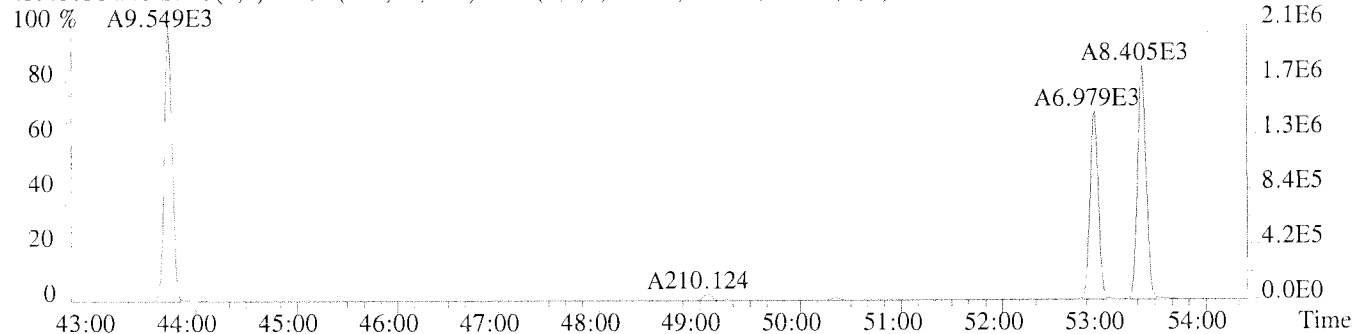
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1548.0,1.00%,F,T)



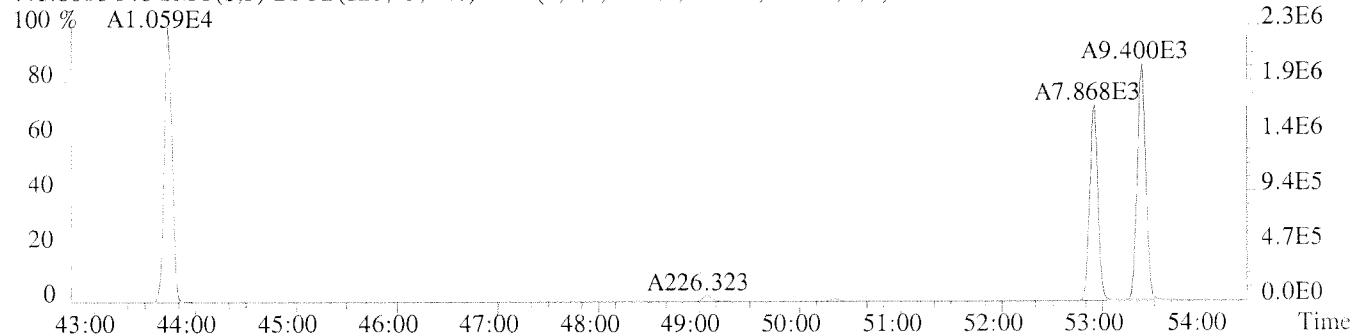
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,956.0,1.00%,F,T)



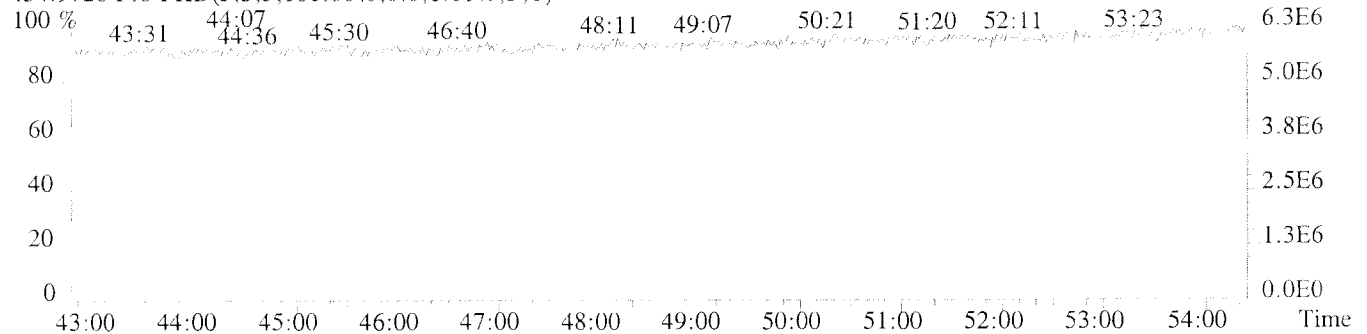
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1164.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1356.0,1.00%,F,T)



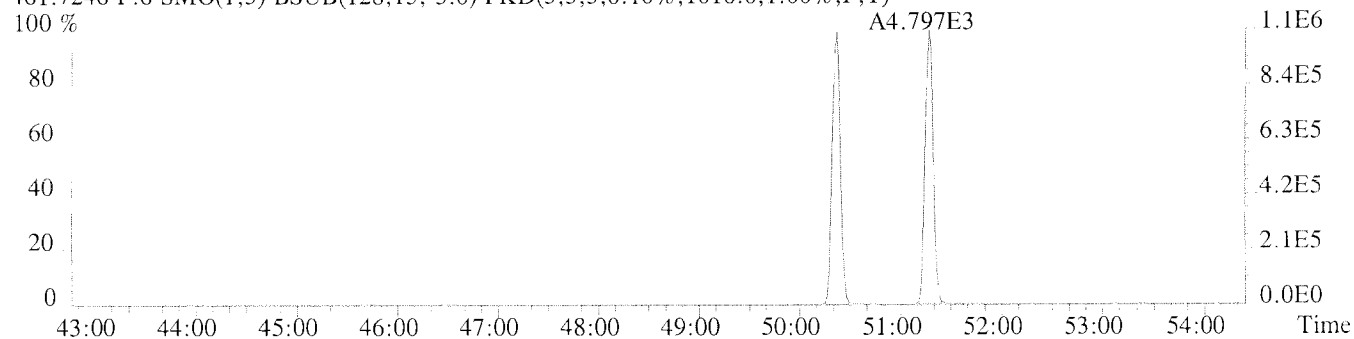
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



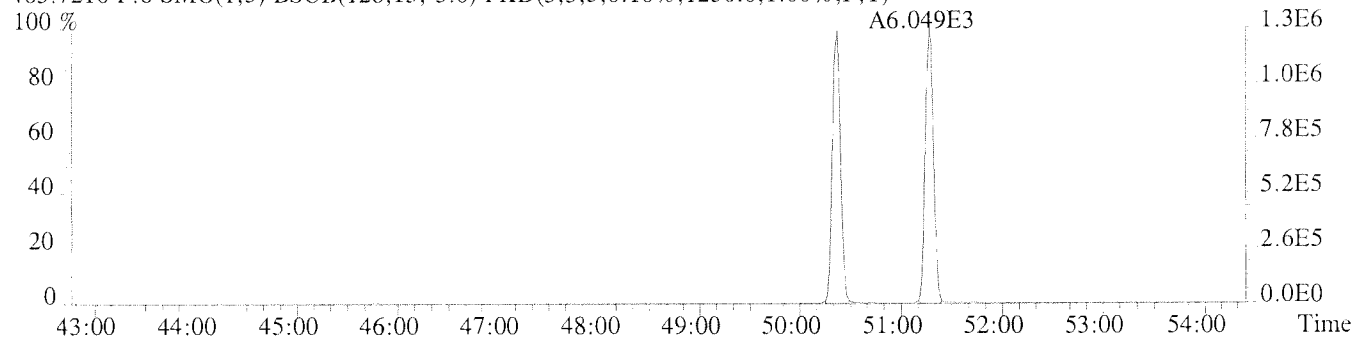
File:U224748 #1-577 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

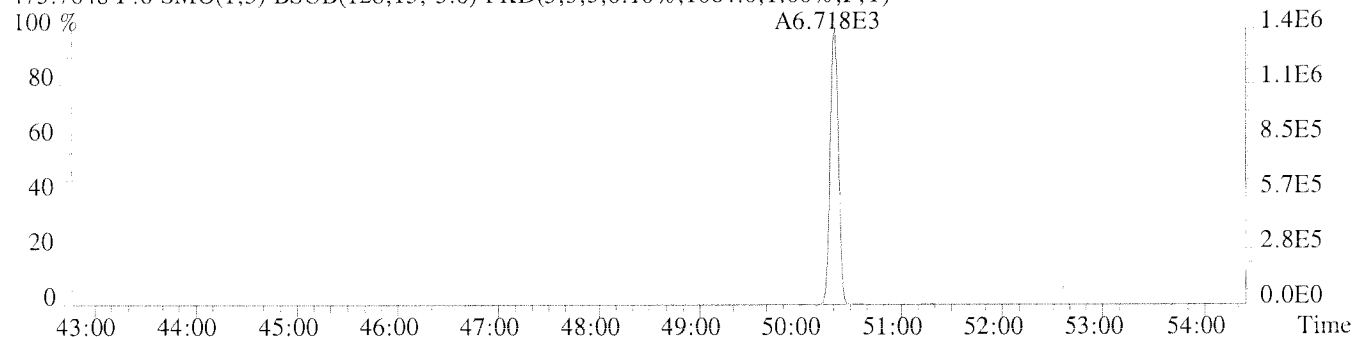
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1016.0,1.00%,F,T)



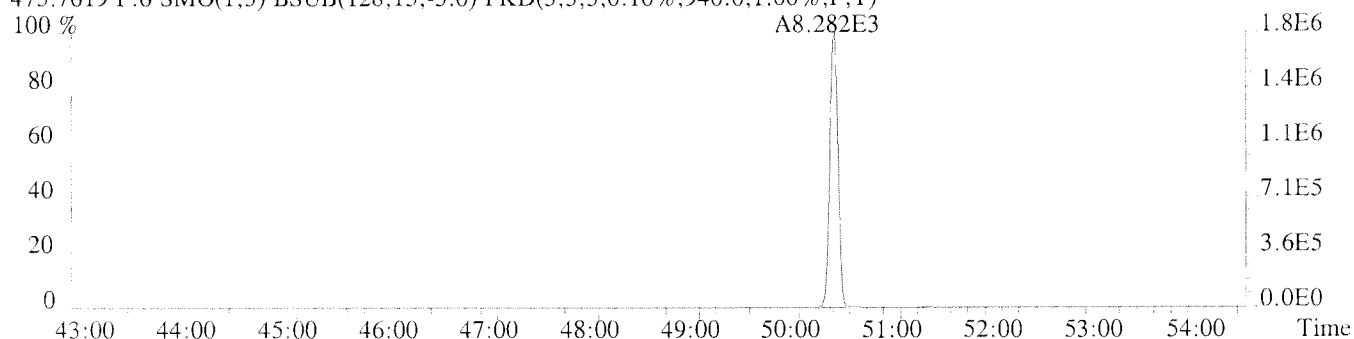
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,T)



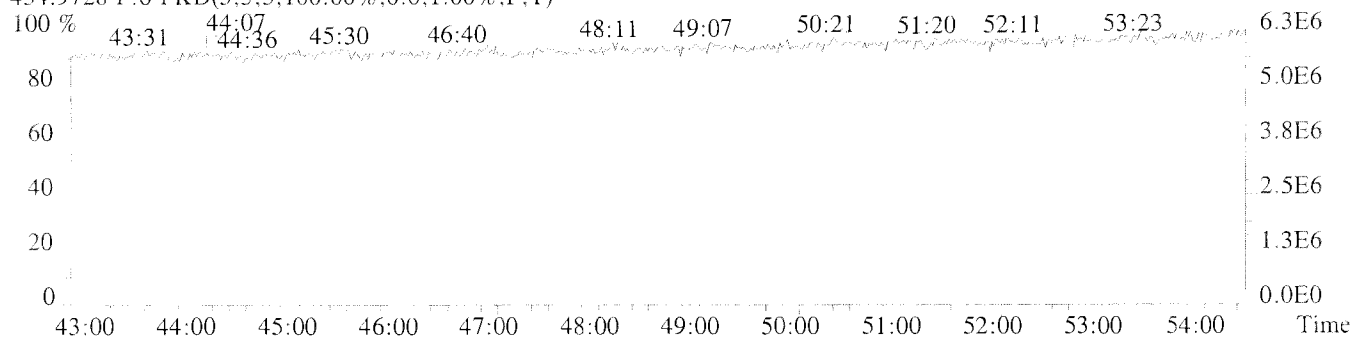
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1064.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,940.0,1.00%,F,T)

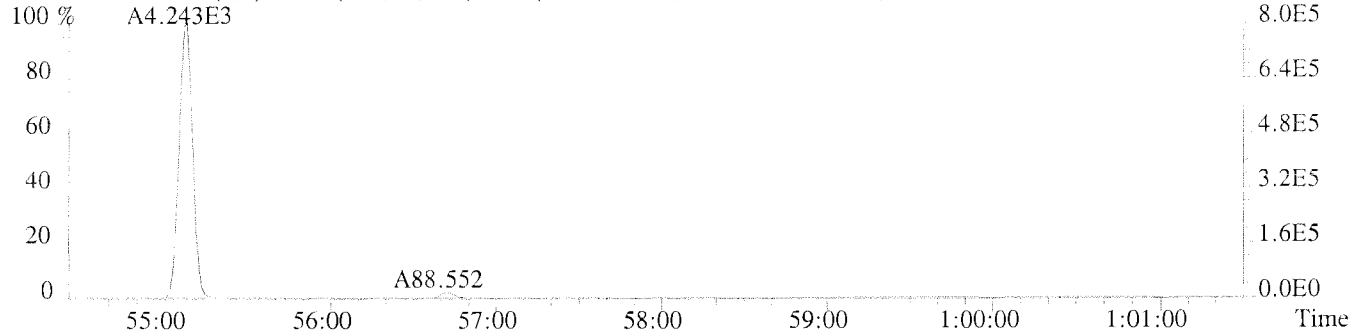


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

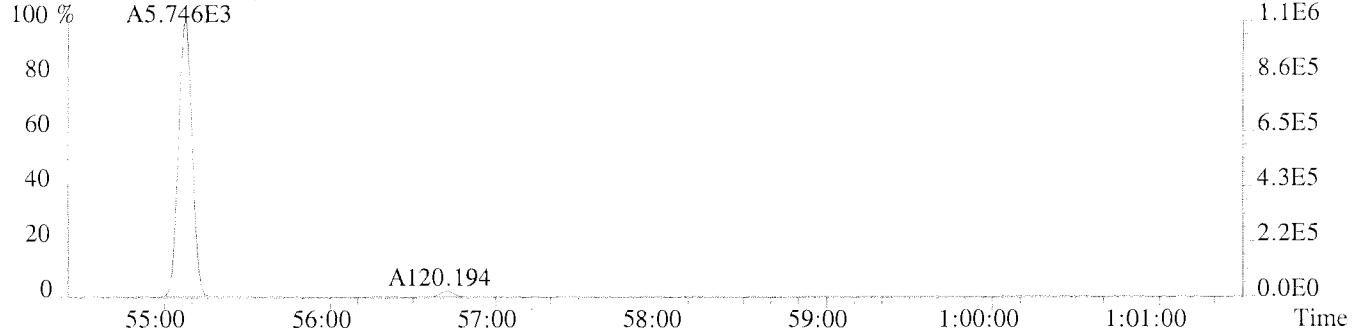


File:U224748 #1-400 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION

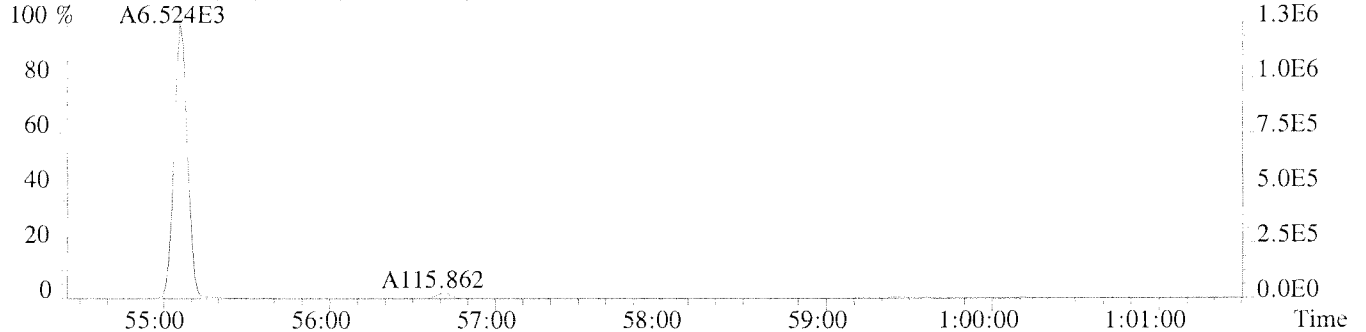
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1300.0,1.00%,F,T)



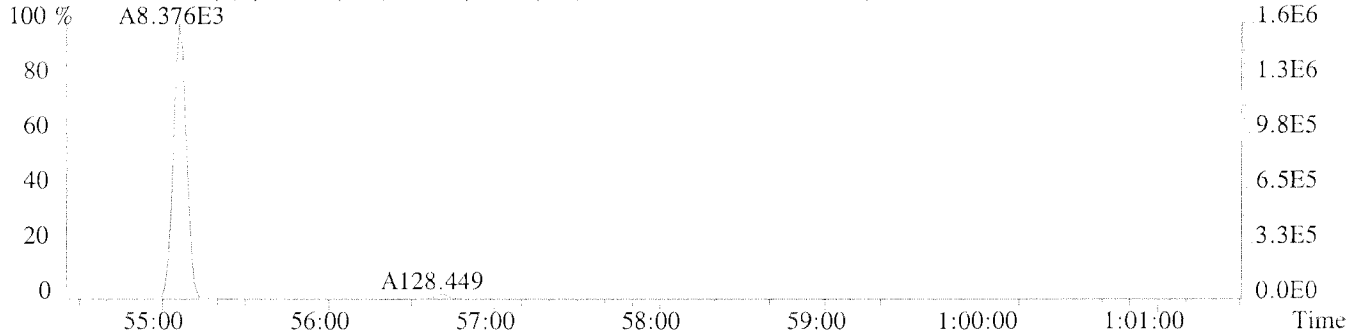
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1500.0,1.00%,F,T)



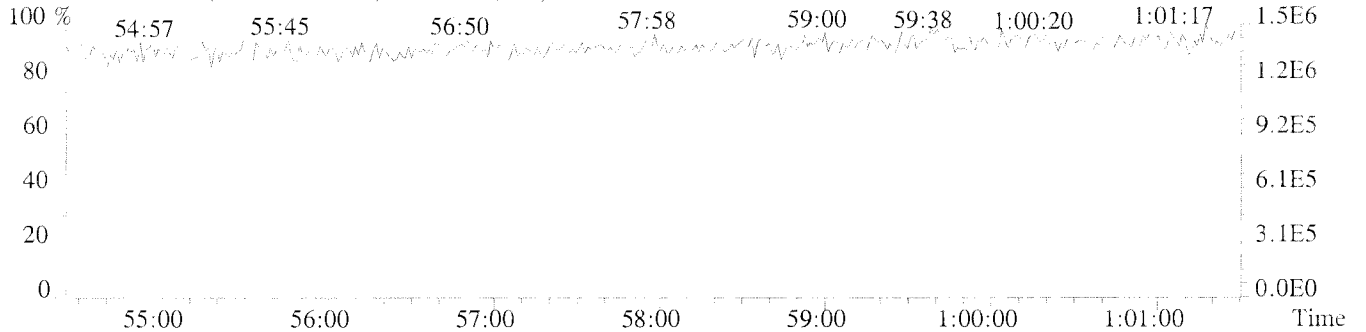
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,872.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,896.0,1.00%,F,T)



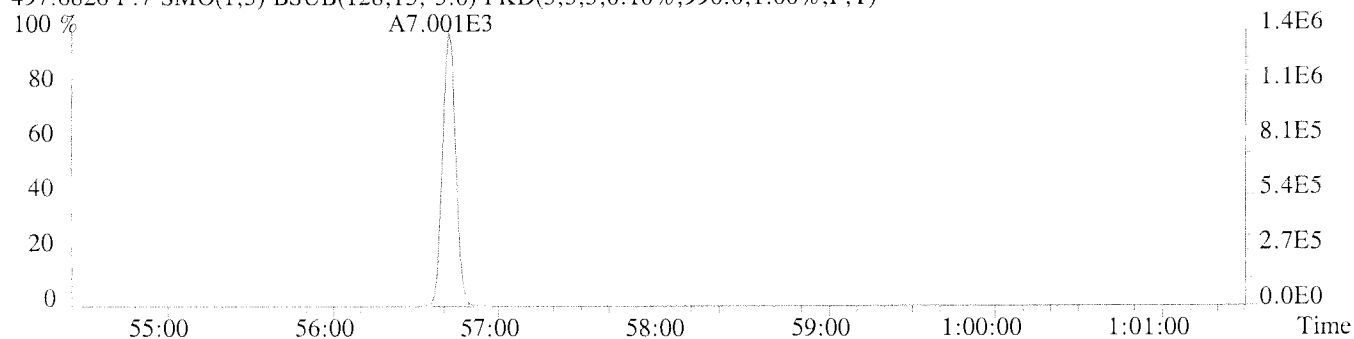
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



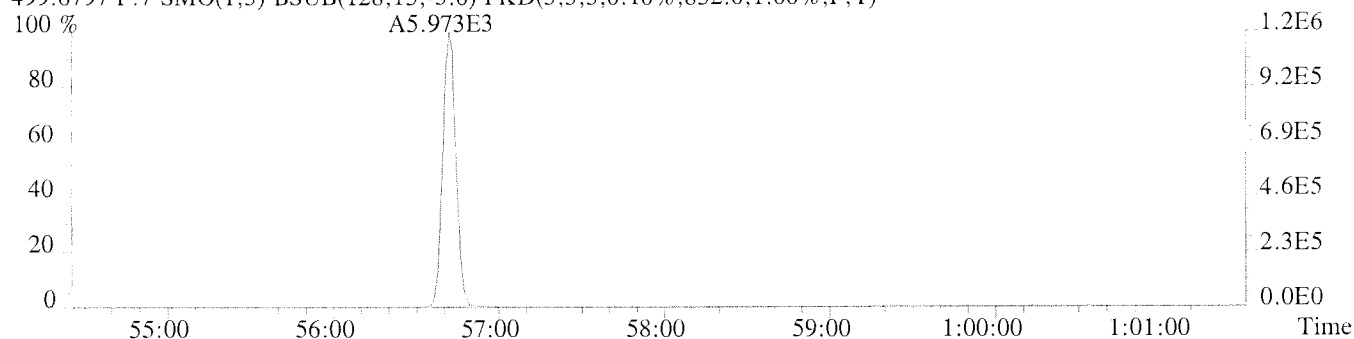
File:U224748 #1-400 Acq:14-JAN-2011 19:13:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

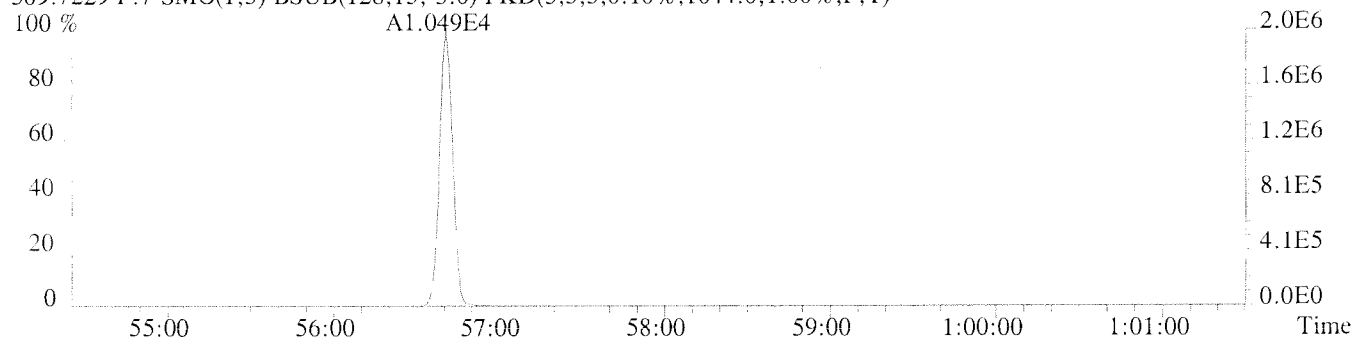
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,996.0,1.00%,F,T)



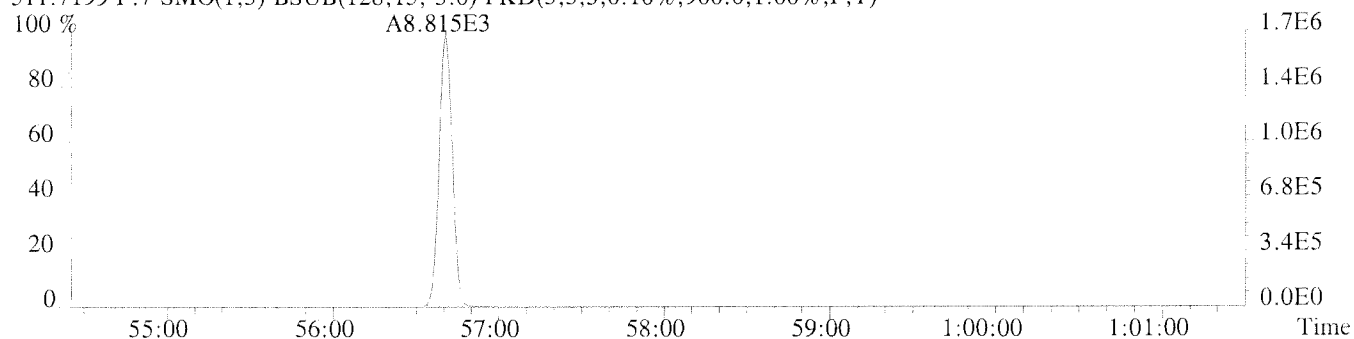
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,852.0,1.00%,F,T)



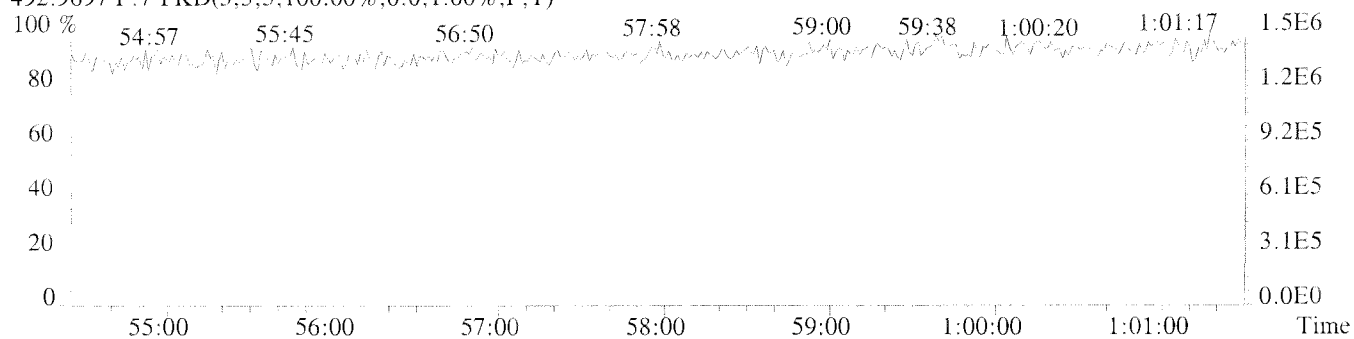
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1044.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,900.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



FORM 4A
PCB CALIBRATION VERIFICATION

Lab Name: Columbia Analytical Services Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 10/19/09

Instrument ID: Autospec Ultima GC Column ID: SPB-OCTYL

VER Data Filename: U224747 Analysis Date: 14-JAN-11 Time: 17:39:32

NATIVE ANALYTES	M/Z'S	ION	QC	CONC. FOUND	CONC.
	FORMING RATIO (1)	ABUND. RATIO	LIMITS (2)		RANGE (3) (ng/mL)
2-MoCB	M/M+2	3.28	2.66-3.60	54.0	35.0 - 65.0
4-MoCB	M/M+2	3.19	2.66-3.60	52.2	35.0 - 65.0
22'-DiCB	M/M+2	1.56	1.33-1.79	49.6	35.0 - 65.0
44'-DiCB	M/M+2	1.62	1.33-1.79	56.6	35.0 - 65.0
22'6'-TrCB	M/M+2	1.04	0.88-1.20	52.2	35.0 - 65.0
344'-TrCB	M/M+2	1.07	0.88-1.20	56.0	35.0 - 65.0
22'66'-TeCB	M/M+2	0.68	0.65-0.89	54.1	35.0 - 65.0
344'5-TeCB	M/M+2	0.79	0.65-0.89	53.6	35.0 - 65.0
33'44'-TeCB	M/M+2	0.81	0.65-0.89	55.8	35.0 - 65.0
22'466'-PeCB	M+2/M+4	1.57	1.32-1.78	52.7	35.0 - 65.0
2'344'5-PeCB	M+2/M+4	1.64	1.32-1.78	52.5	35.0 - 65.0
23'44'5-PeCB	M+2/M+4	1.71	1.32-1.78	48.0	35.0 - 65.0
2344'5-PeCB	M+2/M+4	1.70	1.32-1.78	51.7	35.0 - 65.0
233'44'-PeCB	M+2/M+4	1.65	1.32-1.78	53.5	35.0 - 65.0
33'44'5-PeCB	M+2/M+4	1.66	1.32-1.78	51.7	35.0 - 65.0
22'44'66'-HxCB	M+2/M+4	1.25	1.05-1.43	51.8	35.0 - 65.0
23'44'55'-HxCB	M+2/M+4	1.23	1.05-1.43	53.5	35.0 - 65.0
233'44'5-HxCB	M+2/M+4	1.26	1.05-1.43	103.3	70.0 - 130.0
33'44'55'-HxCB	M+2/M+4	1.25	1.05-1.43	54.7	35.0 - 65.0
22'34'566'-HpCB	M+2/M+4	1.00	0.89-1.21	48.6	35.0 - 65.0
233'44'55'-HpCB	M+2/M+4	1.04	0.89-1.21	55.1	35.0 - 65.0
22'33'55'66'-OcCB	M+2/M+4	0.88	0.76-1.02	54.3	35.0 - 65.0
233'44'55'6-OcCB	M+2/M+4	0.88	0.76-1.02	49.0	35.0 - 65.0
22'33'4'55'66'-NoCB	M+2/M+4	0.77	0.65-0.89	53.9	35.0 - 65.0
22'33'44'55'6-NoCB	M+2/M+4	0.78	0.65-0.89	53.0	35.0 - 65.0
DeCB	M+4/M+6	1.18	0.99-1.33	51.4	35.0 - 65.0

- (1) See Table 7, Method 1668A, for m/z specifications.
- (2) Ion Abundance Ratio Control Limits as specified in Table 8, Method 1668A.
- (3) Contract-required concentration range as specified in Table 6, Method 1668A, under VER.

SP1668F4AU

FORM 4B
PCB CALIBRATION VERIFICATION

Lab Name: Columbia Analytical Services Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 10/19/09

Instrument ID: Autospec Ultima GC Column ID: SPB-OCTYL

VER Data Filename: U224747

Analysis Date: 14-JAN-11 Time: 17:39:32

LABELLED COMPOUNDS	M/Z'S FORMING RATIO (1)	ION ABUND. RATIO	QC LIMITS (2)	CONC. FOUND	CONC. RANGE (3) (ng/mL)
13C-2-MoCB	M/M+2	3.13	2.66-3.60	97.7	50.0 - 150.0
13C-4-MoCB	M/M+2	3.12	2.66-3.60	98.3	50.0 - 150.0
13C-22'-DiCB	M/M+2	1.52	1.33-1.79	93.4	50.0 - 150.0
13C-44'-DiCB	M/M+2	1.60	1.33-1.79	102.9	50.0 - 150.0
13C-22'6'-TrCB	M/M+2	1.03	0.88-1.20	90.7	50.0 - 150.0
13C-344'-TrCB	M/M+2	1.05	0.88-1.20	117.9	50.0 - 150.0
13C-22'66'-TeCB	M/M+2	0.75	0.65-0.89	92.4	50.0 - 150.0
13C-344'5-TeCB	M/M+2	0.82	0.65-0.89	121.3	50.0 - 150.0
13C-33'44'-TeCB	M/M+2	0.81	0.65-0.89	119.4	50.0 - 150.0
13C-22'466'-PeCB	M+2/M+4	1.47	1.32-1.78	85.2	50.0 - 150.0
13C-2'344'5-PeCB	M+2/M+4	1.61	1.32-1.78	108.1	50.0 - 150.0
13C-23'44'5-PeCB	M+2/M+4	1.61	1.32-1.78	113.4	50.0 - 150.0
13C-2344'5-PeCB	M+2/M+4	1.58	1.32-1.78	106.1	50.0 - 150.0
13C-233'44'-PeCB	M+2/M+4	1.61	1.32-1.78	107.8	50.0 - 150.0
13C-33'44'5-PeCB	M+2/M+4	1.58	1.32-1.78	117.4	50.0 - 150.0
13C-22'44'66'-HxCB	M+2/M+4	1.24	1.05-1.43	90.2	50.0 - 150.0
13C-23'44'55'-HxCB	M+2/M+4	1.26	1.05-1.43	101.3	50.0 - 150.0
13C-233'44'5'-HxCB	M+2/M+4	1.30	1.05-1.43	212.8	100.0 - 300.0
13C-33'44'55'-HxCB	M+2/M+4	1.30	1.05-1.43	102.8	50.0 - 150.0
13C-22'34'566'-HpCB	M+2/M+4	1.05	0.89-1.21	96.9	50.0 - 150.0
13C-233'44'55'-HpCB	M+2/M+4	1.05	0.89-1.21	95.7	50.0 - 150.0
13C-22'33'55'66'-OoCB	M+2/M+4	0.90	0.76-1.02	96.2	50.0 - 150.0
13C-233'44'55'6-OoCB	M+2/M+4	0.88	0.76-1.02	109.3	50.0 - 150.0
13C-22'33'4'55'66'-NoCB	M+2/M+4	0.74	0.65-0.89	105.2	50.0 - 150.0
13C-22'33'44'55'6-NoCB	M+2/M+4	0.78	0.65-0.89	94.0	50.0 - 150.0
13C-DeCB	M+4/M+6	1.17	0.99-1.33	93.5	50.0 - 150.0

CLEANUP STANDARDS

13C-244'-TrCB	M/M+2	1.05	0.88-1.20	106.6	50.0 - 150.0
13C-233'55'-PeCB	M+2/M+4	1.56	1.32-1.78	98.8	50.0 - 150.0
13C-22'33'55'6-HpCB	M+2/M+4	1.02	0.89-1.21	96.3	50.0 - 150.0

(1) See Table 7, Method 1668A, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 8, Method 1668A.

(3) Contract-required concentration range, as specified in Table 6, Method 1668A, under VER.

SP1668F4Bu

Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
CCAL CS3

Run #6 Filename U224747 #1 Samp: 1 Inj: 1 Acquired: 14-JAN-11 17:39:32
Processed: 17-JAN-11 08:49:20 LAB. ID: CCAL CS3

Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT	
1	1	2-MoCB	12:58	3.831e+04	1.169e+04	3.28	yes	no	1.001
2	3	4-MoCB	15:10	3.759e+04	1.179e+04	3.19	yes	no	1.001
3	4	22'-DiCB	15:25	1.874e+04	1.201e+04	1.56	yes	no	1.001
4	15	44'-DiCB	21:20	2.795e+04	1.723e+04	1.62	yes	no	1.001
5	19	22'6'-TrCB	18:32	1.161e+04	1.121e+04	1.04	yes	no	1.001
6	37	344'-TrCB	28:22	2.611e+04	2.447e+04	1.07	yes	no	1.001
7	54	22'66'-TeCB	21:39	1.312e+04	1.944e+04	0.68	yes	no	1.002
8	81	344'5'-TeCB	35:04	1.818e+04	2.299e+04	0.79	yes	no	1.000
9	77	33'44'-TeCB	35:38	1.810e+04	2.233e+04	0.81	yes	no	1.000
10	104	22'466'-PeCB	27:07	2.128e+04	1.357e+04	1.57	yes	no	1.001
11	123	2'344'5'-PeCB	37:36	2.409e+04	1.467e+04	1.64	yes	no	1.000
12	118	23'44'5'-PeCB	37:55	2.473e+04	1.444e+04	1.71	yes	no	1.000
13	114	2344'5'-PeCB	38:27	2.409e+04	1.420e+04	1.70	yes	no	1.001
14	105	233'44'-PeCB	39:07	2.384e+04	1.442e+04	1.65	yes	no	1.000
15	126	33'44'5'-PeCB	42:11	2.280e+04	1.375e+04	1.66	yes	no	1.000
16	155	22'44'66'-HxCB	32:44	2.118e+04	1.700e+04	1.25	yes	no	1.001
17	167	23'44'55'-HxCB	44:01	1.695e+04	1.374e+04	1.23	yes	no	1.001
18	156/7	233'44'5'-HxCB	45:11	3.279e+04	2.609e+04	1.26	yes	no	1.001
19	169	33'44'55'-HxCB	48:24	1.502e+04	1.200e+04	1.25	yes	no	1.001
20	188	22'34'566'-HpCB	38:25	1.643e+04	1.641e+04	1.00	yes	no	1.001
21	189	233'44'55'-HpCB	50:53	1.090e+04	1.048e+04	1.04	yes	no	1.001
22	202	22'33'55'66'-OcCB	43:46	1.102e+04	1.258e+04	0.88	yes	no	1.000
23	205	233'44'55'6-OcCB	53:25	9.110e+03	1.036e+04	0.88	yes	no	1.000
24	208	22'33'4'55'66'-NoCB	50:24	9.644e+03	1.257e+04	0.77	yes	no	1.001
25	206	22'33'44'55'6-NoCB	55:09	7.120e+03	9.139e+03	0.78	yes	no	1.001
26	209	DeCB	56:43	1.142e+04	9.712e+03	1.18	yes	no	1.000
27	1L	13C-2-MoCB	12:57	6.607e+04	2.110e+04	3.13	yes	no	0.745
28	3L	13C-4-MoCB	15:09	6.784e+04	2.174e+04	3.12	yes	no	0.872
29	4L	13C-22'-DiCB	15:24	3.925e+04	2.580e+04	1.52	yes	no	0.886
30	15L	13C-44'-DiCB	21:19	5.008e+04	3.131e+04	1.60	yes	no	1.226
31	19L	13C-22'6'-TrCB	18:31	2.175e+04	2.106e+04	1.03	yes	no	1.065
32	37L	13C-344'-TrCB	28:21	4.275e+04	4.077e+04	1.05	yes	no	1.084
33	54L	13C-22'66'-TeCB	21:36	2.672e+04	3.582e+04	0.75	yes	no	0.826
34	81L	13C-344'5'-TeCB	35:04	3.190e+04	3.894e+04	0.82	yes	no	1.341
35	77L	13C-33'44'-TeCB	35:37	3.120e+04	3.874e+04	0.81	yes	no	1.362
36	104L	13C-22'466'-PeCB	27:05	3.933e+04	2.667e+04	1.47	yes	no	0.822
37	123L	13C-2'344'5'-PeCB	37:35	4.241e+04	2.628e+04	1.61	yes	no	1.140
38	118L	13C-23'44'5'-PeCB	37:54	4.565e+04	2.833e+04	1.61	yes	no	1.150
39	114L	13C-2344'5'-PeCB	38:25	4.211e+04	2.659e+04	1.58	yes	no	1.165
40	105L	13C-233'44'-PeCB	39:06	4.165e+04	2.590e+04	1.61	yes	no	1.186
41	126L	13C-33'44'5'-PeCB	42:10	4.160e+04	2.631e+04	1.58	yes	no	1.279
42	155L	13C-22'44'66'-HxCB	32:43	4.176e+04	3.364e+04	1.24	yes	no	0.798
43	167L	13C-23'44'55'-HxCB	43:59	3.108e+04	2.459e+04	1.26	yes	no	1.073
44	156/7	13C-233'44'5'-HxCB	45:09	6.051e+04	4.657e+04	1.30	yes	no	1.101
45	169L	13C-33'44'55'-HxCB	48:22	2.693e+04	2.072e+04	1.30	yes	no	1.180
46	188L	13C-22'34'566'-HpCB	38:23	3.648e+04	3.474e+04	1.05	yes	no	0.725
47	189L	13C-233'44'55'-HpCB	50:51	2.179e+04	2.075e+04	1.05	yes	no	0.961
48	202L	13C-22'33'55'66'-OcCB	43:45	2.369e+04	2.632e+04	0.90	yes	no	0.827
49	205L	13C-233'44'55'6-OcCB	53:24	1.997e+04	2.263e+04	0.88	yes	no	1.009
50	208L	13C-22'33'4'55'66'-NoCB	50:22	1.912e+04	2.591e+04	0.74	yes	no	0.952
51	206L	13C-22'33'44'55'6-NoCB	55:07	1.433e+04	1.837e+04	0.78	yes	no	1.041
52	209L	13C-DeCB	56:42	2.398e+04	2.046e+04	1.17	yes	no	1.071

53	28L	13C-244'-TrCB	24:20	4.511e+04	4.292e+04	1.05	yes	no	0.931
54	111L	13C-233'55'-PeCB	35:36	3.898e+04	2.505e+04	1.56	yes	no	1.080
55	178L	13C-22'33'55'6-HpCB	41:27	2.275e+04	2.232e+04	1.02	yes	no	1.011
56	9L	13C-2,5-DiCB	17:23	4.747e+04	2.933e+04	1.62	yes	no	*
57	52L	13C-22'55'-TeCB	26:09	2.347e+04	3.022e+04	0.78	yes	no	*
58	101L	13C-22'4'55'-PeCB	32:58	3.190e+04	2.045e+04	1.56	yes	no	*
59	138L	13C-22'3'44'5'-HxCB	41:00	2.942e+04	2.288e+04	1.29	yes	no	*
60	194L	13C-22'33'44'55'-OxCB	52:56	1.412e+04	1.547e+04	0.91	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
CCAL CS3

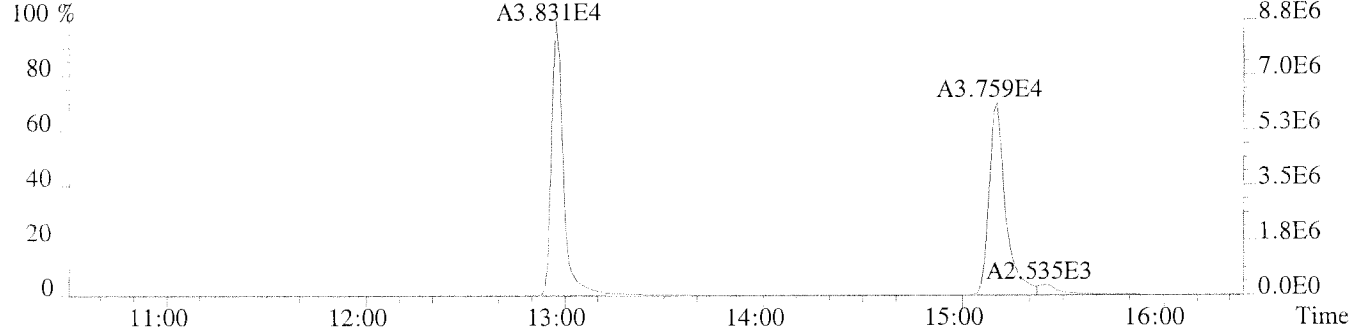
Run #6 Filename U224747 Samp: 1 Inj: 1 Acquired: 14-JAN-11 17:39:32
Processed: 17-JAN-11 08:49:201 LAB. ID: CCAL CS3

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	8.77e+06	2.19e+03	4.0e+03	2.65e+06	2.44e+03	1.1e+03
2	4-MoCB	6.14e+06	2.19e+03	2.8e+03	1.95e+06	2.44e+03	8.0e+02
3	22'-DiCB	3.75e+06	1.35e+03	2.8e+03	2.36e+06	3.92e+03	6.0e+02
4	44'-DiCB	4.30e+06	2.46e+03	1.8e+03	2.65e+06	7.95e+03	3.3e+02
5	22'6'-TrCB	2.46e+06	2.22e+03	1.1e+03	2.35e+06	2.16e+03	1.1e+03
6	344'-TrCB	3.65e+06	3.28e+03	1.1e+03	3.40e+06	4.01e+03	8.5e+02
7	22'66'-TeCB	2.64e+06	1.58e+03	1.7e+03	3.97e+06	1.54e+03	2.6e+03
8	344'5'-TeCB	2.75e+06	1.18e+03	2.3e+03	3.48e+06	1.38e+03	2.5e+03
9	33'44'-TeCB	2.51e+06	1.18e+03	2.1e+03	3.08e+06	1.38e+03	2.2e+03
10	22'466'-PeCB	3.87e+06	1.44e+03	2.7e+03	2.46e+06	1.50e+03	1.6e+03
11	2'344'5'-PeCB	4.00e+06	8.54e+03	4.7e+02	2.49e+06	4.10e+04	6.1e+01
12	23'44'5'-PeCB	4.07e+06	8.54e+03	4.8e+02	2.48e+06	4.10e+04	6.0e+01
13	2344'5'-PeCB	3.99e+06	8.54e+03	4.7e+02	2.44e+06	4.10e+04	5.9e+01
14	233'44'-PeCB	3.73e+06	8.54e+03	4.4e+02	2.35e+06	4.10e+04	5.7e+01
15	33'44'5'-PeCB	3.32e+06	8.54e+03	3.9e+02	2.06e+06	4.10e+04	5.0e+01
16	22'44'66'-HxCB	3.81e+06	2.04e+03	1.9e+03	3.14e+06	1.98e+03	1.6e+03
17	23'44'55'-HxCB	3.49e+06	1.21e+03	2.9e+03	2.82e+06	1.66e+03	1.7e+03
18	233'44'5'-HxCB	4.64e+06	1.21e+03	3.8e+03	3.65e+06	1.66e+03	2.2e+03
19	33'44'55'-HxCB	2.75e+06	1.21e+03	2.3e+03	2.25e+06	1.66e+03	1.4e+03
20	22'34'566'-HpCB	3.01e+06	1.28e+03	2.3e+03	2.96e+06	1.06e+03	2.8e+03
21	233'44'55'-HpCB	2.18e+06	1.10e+03	2.0e+03	2.08e+06	1.17e+03	1.8e+03
22	22'33'55'66'-OcCB	2.43e+06	9.00e+02	2.7e+03	2.73e+06	1.36e+03	2.0e+03
23	233'44'55'6'-OcCB	1.91e+06	9.00e+02	2.1e+03	2.19e+06	1.36e+03	1.6e+03
24	22'33'4'55'66'-NoCB	2.07e+06	1.24e+03	1.7e+03	2.70e+06	1.10e+03	2.4e+03
25	22'33'44'55'6'-NoCB	1.34e+06	1.01e+03	1.3e+03	1.72e+06	1.64e+03	1.0e+03
26	DeCB	2.16e+06	9.36e+02	2.3e+03	1.87e+06	8.00e+02	2.3e+03
27	13C-2-MoCB	1.51e+07	2.10e+03	7.2e+03	4.82e+06	2.41e+04	2.0e+02
28	13C-4-MoCB	1.08e+07	2.10e+03	5.1e+03	3.42e+06	2.41e+04	1.4e+02
29	13C-22'-DiCB	7.70e+06	2.88e+03	2.7e+03	5.04e+06	2.14e+03	2.4e+03
30	13C-44'-DiCB	7.85e+06	2.90e+03	2.7e+03	4.93e+06	5.19e+03	9.5e+02
31	13C-22'6'-TrCB	4.67e+06	1.60e+04	2.9e+02	4.50e+06	1.52e+04	3.0e+02
32	13C-344'-TrCB	5.91e+06	2.32e+04	2.5e+02	5.49e+06	9.91e+03	5.5e+02
33	13C-22'66'-TeCB	5.43e+06	3.05e+03	1.8e+03	7.31e+06	2.05e+03	3.6e+03
34	13C-344'5'-TeCB	4.74e+06	2.77e+03	1.7e+03	5.78e+06	2.03e+03	2.9e+03
35	13C-33'44'-TeCB	4.32e+06	2.77e+03	1.6e+03	5.45e+06	2.03e+03	2.7e+03
36	13C-22'466'-PeCB	7.21e+06	1.53e+03	4.7e+03	4.87e+06	1.32e+03	3.7e+03
37	13C-2'344'5'-PeCB	7.18e+06	1.32e+04	5.4e+02	4.44e+06	7.66e+03	5.8e+02
38	13C-23'44'5'-PeCB	7.31e+06	1.32e+04	5.5e+02	4.57e+06	7.66e+03	6.0e+02
39	13C-2344'5'-PeCB	6.80e+06	1.32e+04	5.2e+02	4.33e+06	7.66e+03	5.7e+02
40	13C-233'44'-PeCB	6.59e+06	1.32e+04	5.0e+02	4.04e+06	7.66e+03	5.3e+02
41	13C-33'44'5'-PeCB	6.02e+06	1.32e+04	4.6e+02	3.79e+06	7.66e+03	4.9e+02
42	13C-22'44'66'-HxCB	7.51e+06	2.08e+03	3.6e+03	6.12e+06	1.73e+03	3.5e+03
43	13C-23'44'55'-HxCB	6.34e+06	1.60e+03	4.0e+03	5.01e+06	2.23e+03	2.2e+03
44	13C-233'44'5'-HxCB	8.61e+06	1.60e+03	5.4e+03	6.61e+06	2.23e+03	3.0e+03
45	13C-33'44'55'-HxCB	4.99e+06	1.60e+03	3.1e+03	3.81e+06	2.23e+03	1.7e+03
46	13C-22'34'566'-HpCB	6.55e+06	1.25e+03	5.2e+03	6.19e+06	1.03e+03	6.0e+03
47	13C-233'44'55'-HpCB	4.34e+06	1.83e+03	2.4e+03	4.12e+06	1.59e+03	2.6e+03
48	13C-22'33'55'66'-OcCB	5.26e+06	8.60e+02	6.1e+03	5.83e+06	1.12e+03	5.2e+03
49	13C-233'44'55'6'-OcCB	4.20e+06	8.60e+02	4.9e+03	4.74e+06	1.12e+03	4.2e+03
50	13C-22'33'4'55'66'-NoCB	4.03e+06	1.09e+03	3.7e+03	5.40e+06	1.14e+03	4.8e+03
51	13C-22'33'44'55'6'-NoCB	2.75e+06	1.42e+03	1.9e+03	3.55e+06	1.38e+03	2.6e+03
52	13C-DeCB	4.64e+06	1.10e+03	4.2e+03	3.98e+06	7.40e+02	5.4e+03

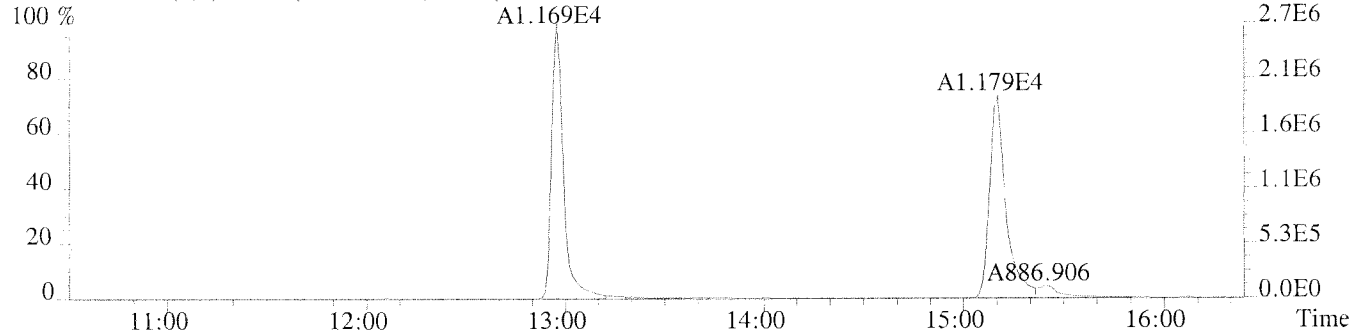
53	13C-244'-TrCB	6.90e+06	2.32e+04	3.0e+02	6.49e+06	9.91e+03	6.6e+02
54	13C-233'55'-PeCB	6.69e+06	2.34e+03	2.9e+03	4.35e+06	1.95e+03	2.2e+03
55	13C-22'33'55'6'-HpCB	4.08e+06	1.25e+03	3.3e+03	4.03e+06	1.03e+03	3.9e+03
56	13C-2,5-DiCB	9.05e+06	2.90e+03	3.1e+03	5.60e+06	5.19e+03	1.1e+03
57	13C-22'55'-TeCB	3.99e+06	1.92e+03	2.1e+03	5.13e+06	1.95e+03	2.6e+03
58	13C-22'4'55'-PeCB	5.60e+06	2.34e+03	2.4e+03	3.59e+06	1.95e+03	1.8e+03
59	13C-22'3'44'5'-HxCB	4.96e+06	1.28e+03	3.9e+03	3.84e+06	1.20e+03	3.2e+03
60	13C-22'33'44'55'-OCCB	2.95e+06	8.60e+02	3.4e+03	3.23e+06	1.12e+03	2.9e+03

Sample#1 Exp:CCAL CS3

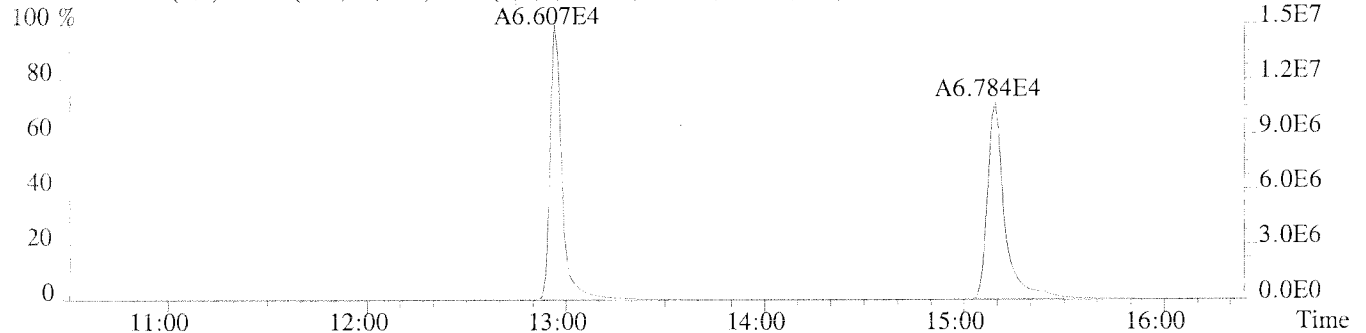
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2192.0,1.00%,F,T)



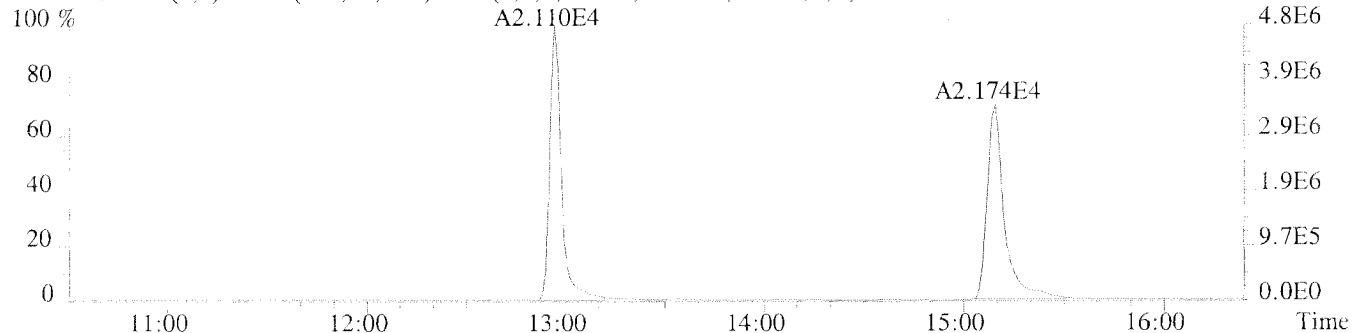
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2440.0,1.00%,F,T)



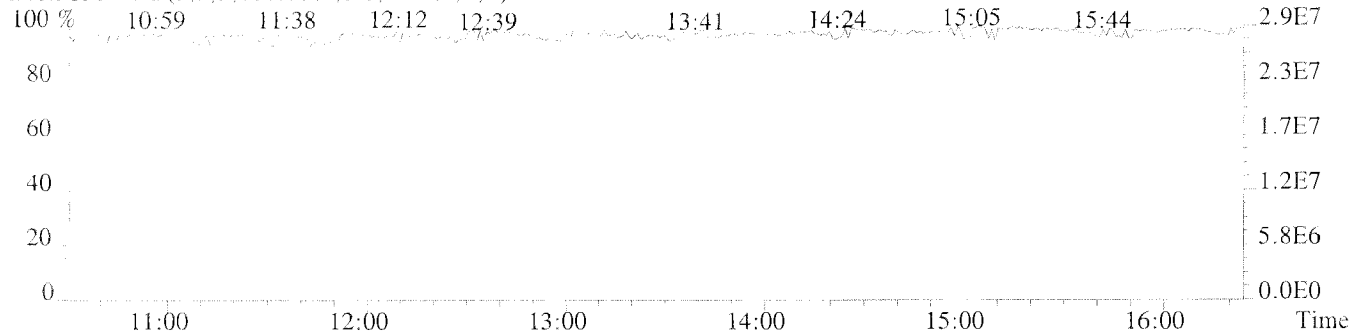
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2100.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,24076.0,1.00%,F,T)

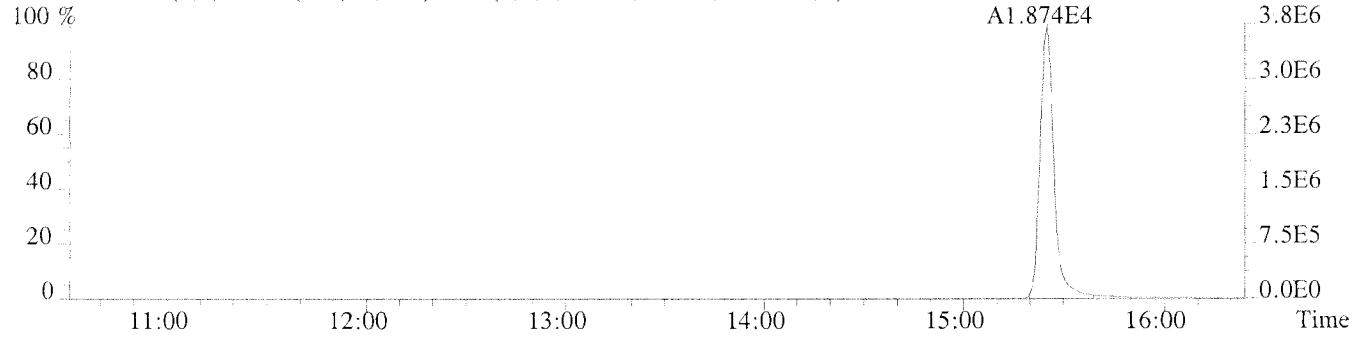


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

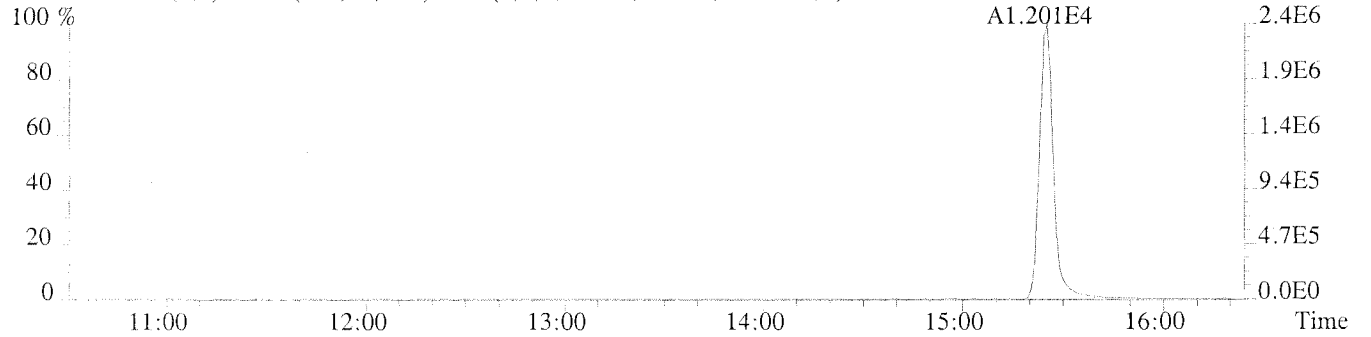


Sample#1 Exp:CCAL CS3

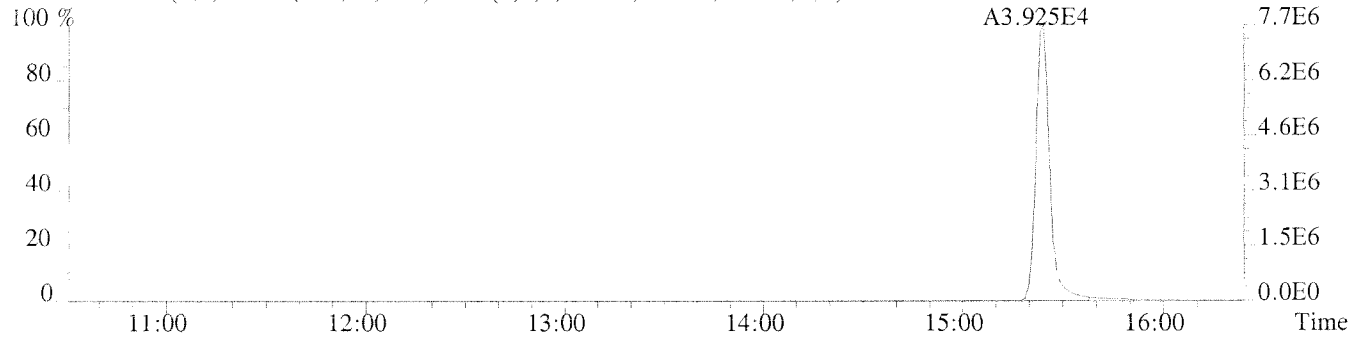
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1348.0,1.00%,F,T)



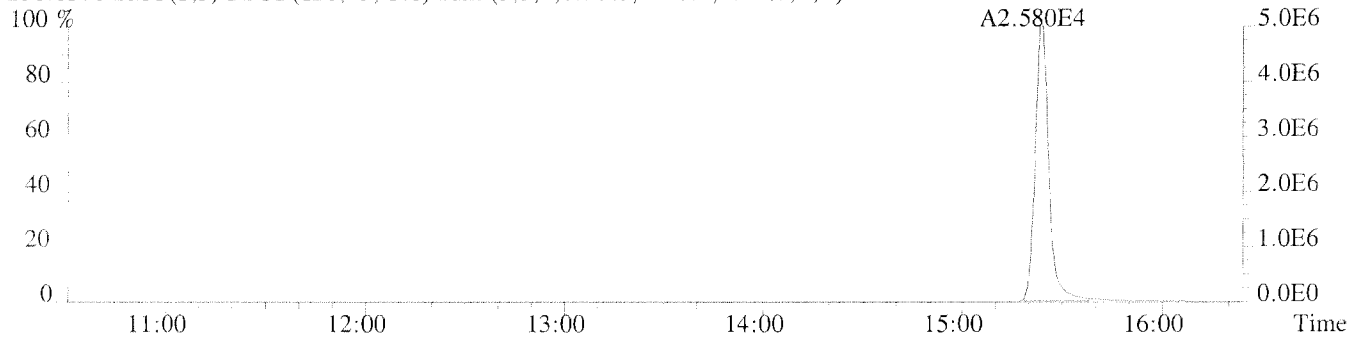
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3924.0,1.00%,F,T)



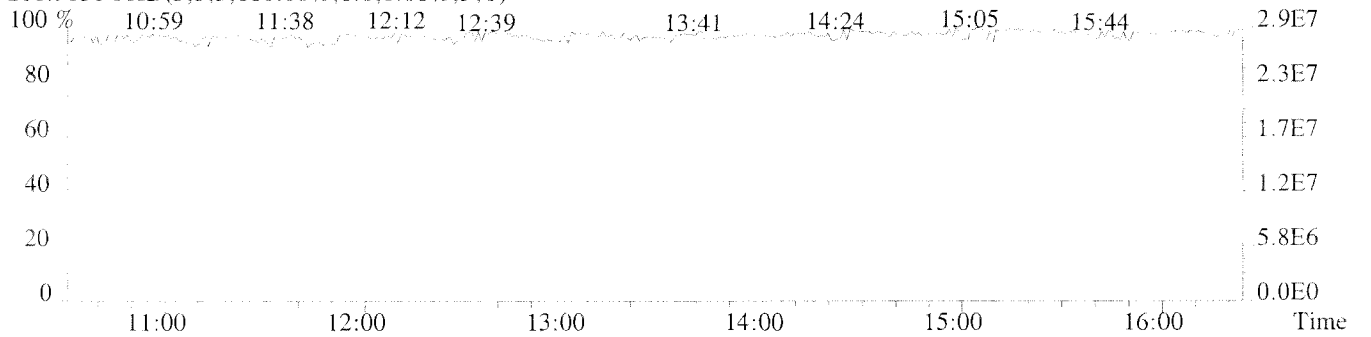
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2876.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2140.0,1.00%,F,T)

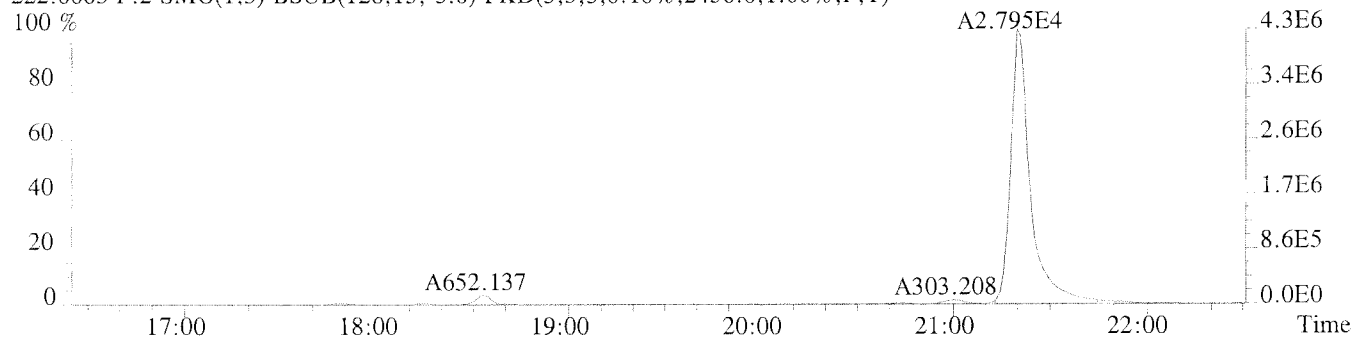


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

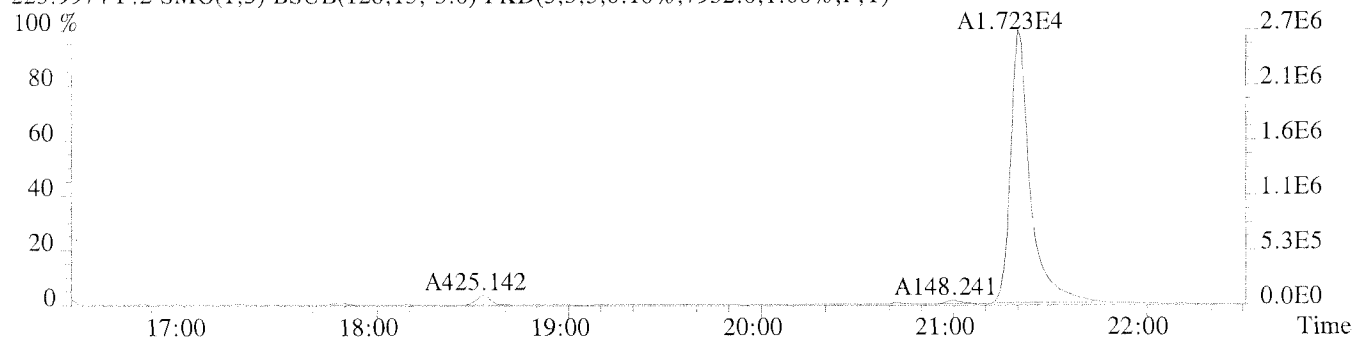


File:U224747 #1-337 Acq:14-JAN-2011 17:39:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:CCAL CS3

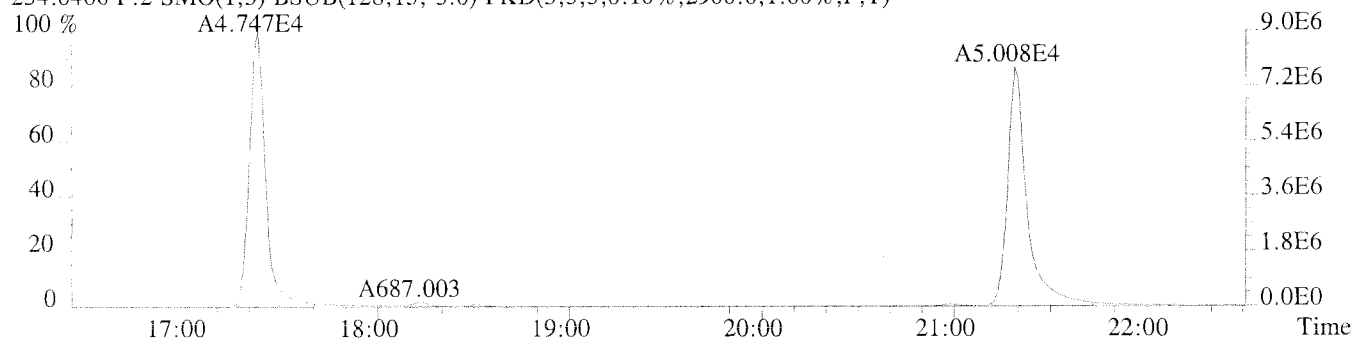
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2456.0,1.00%,F,T)



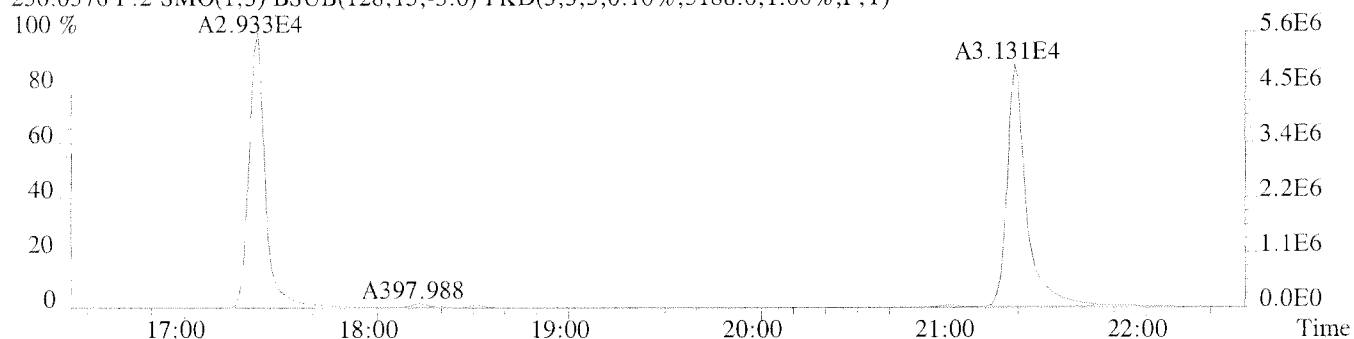
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7952.0,1.00%,F,T)



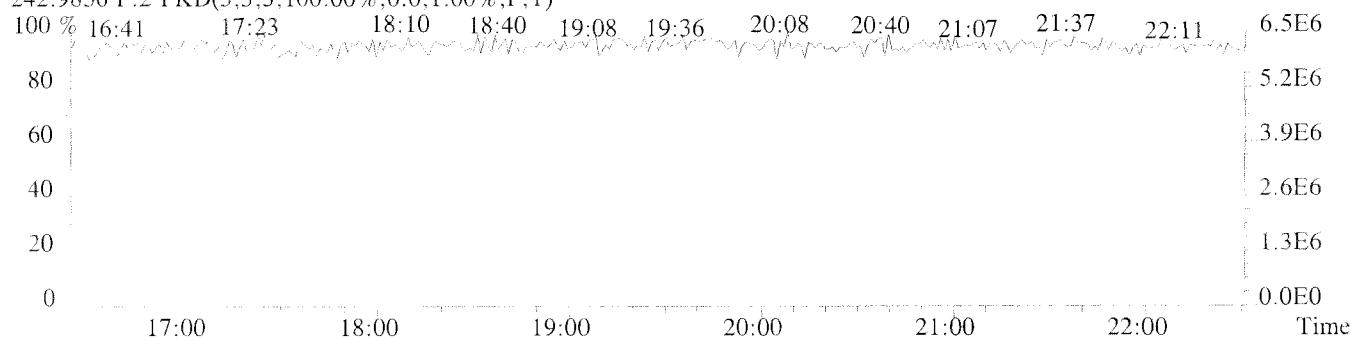
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2900.0,1.00%,F,T)



236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5188.0,1.00%,F,T)

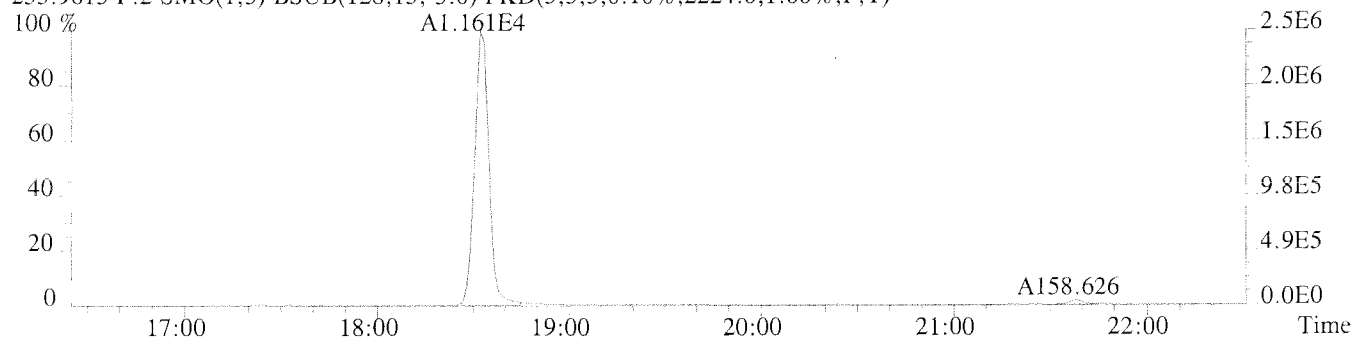


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

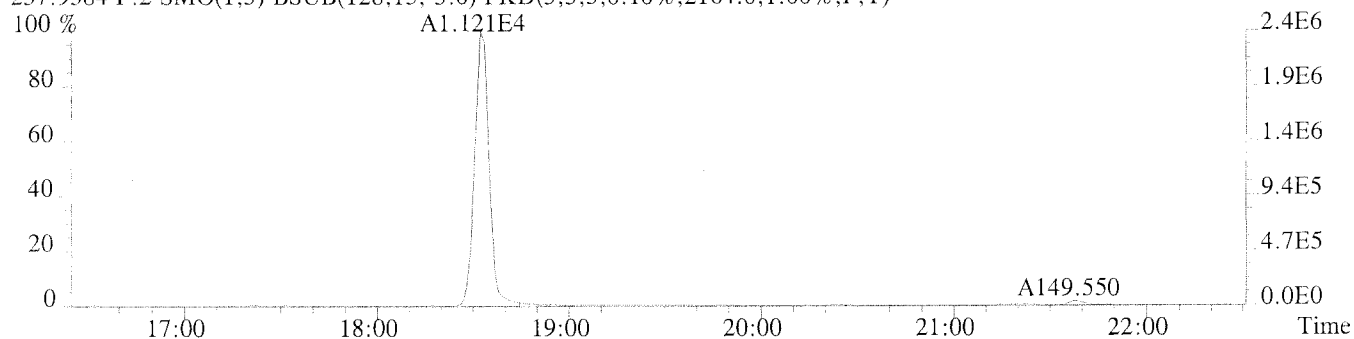


Sample#1 Exp:CCAL CS3

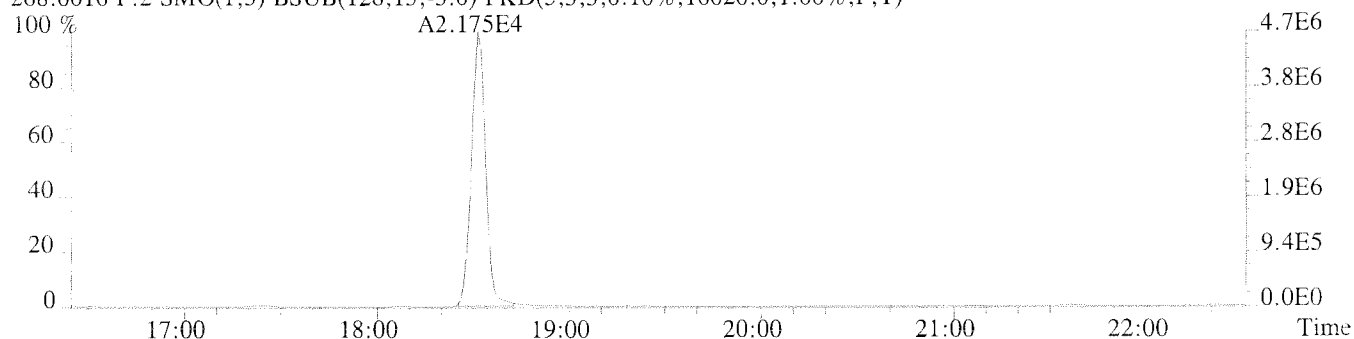
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2224.0,1.00%,F,T)



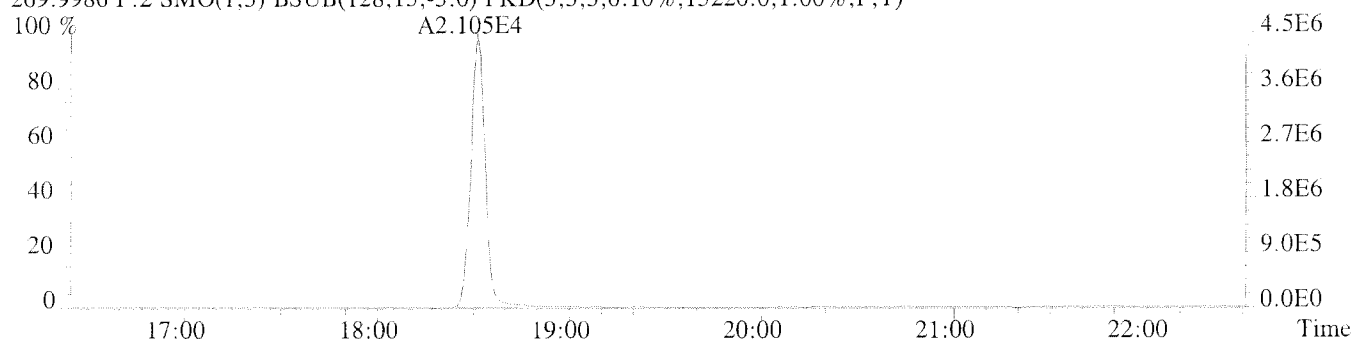
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2164.0,1.00%,F,T)



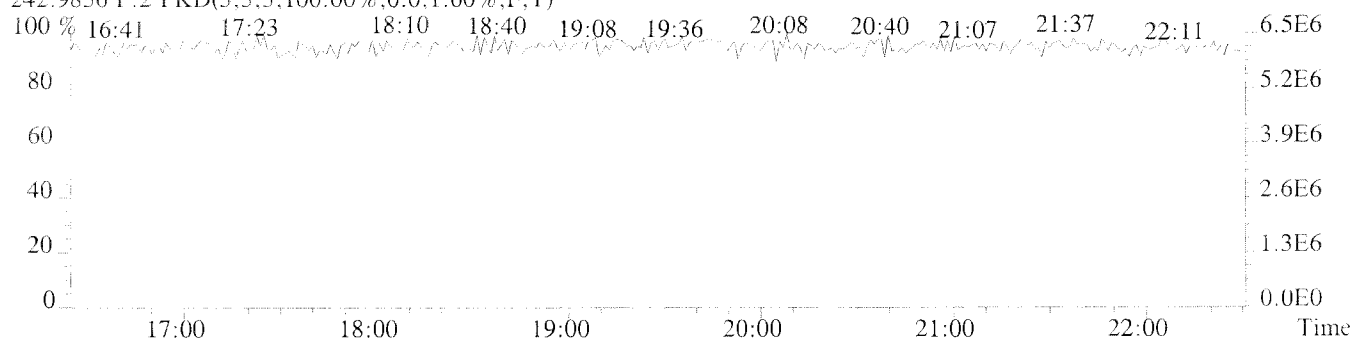
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16020.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15220.0,1.00%,F,T)

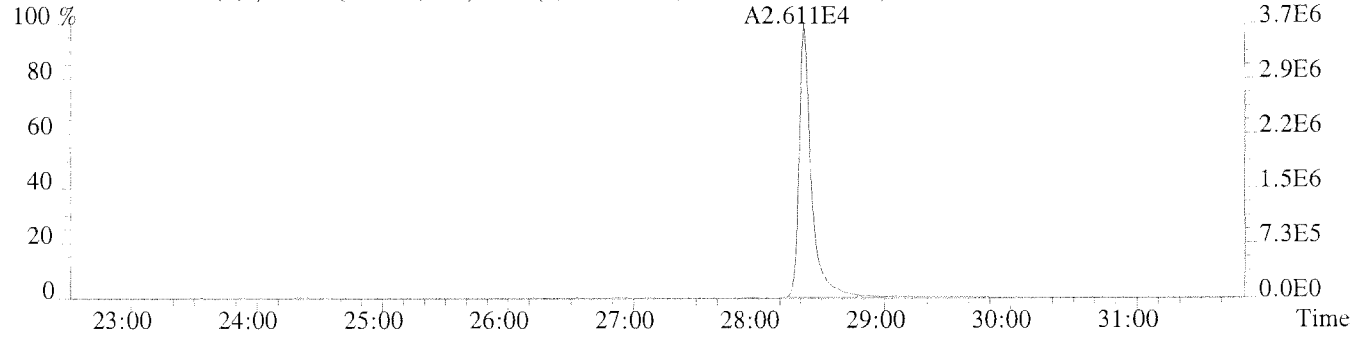


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

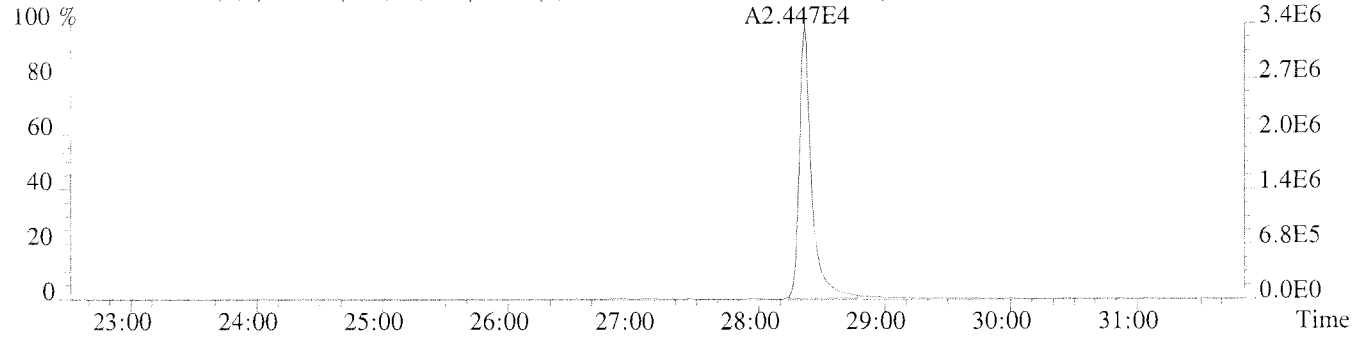


Sample#1 Exp:CCAL CS3

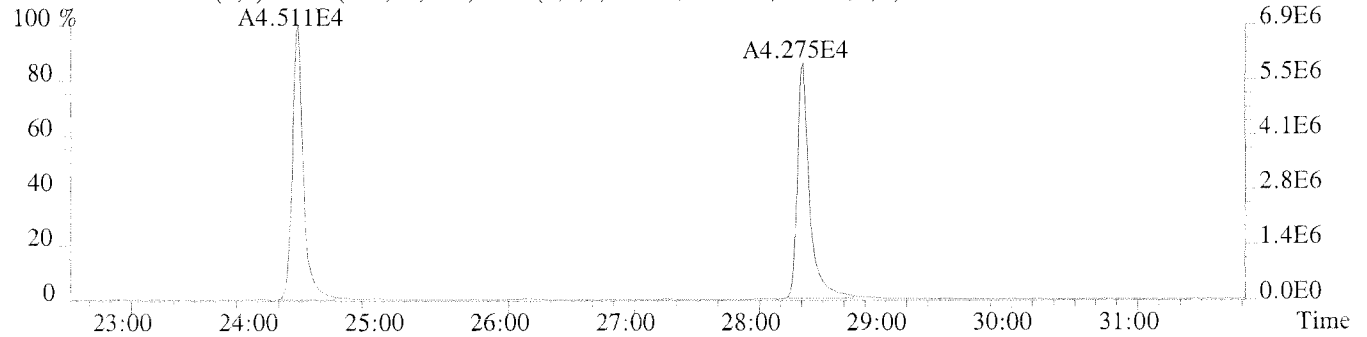
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3284.0,1.00%,F,T)



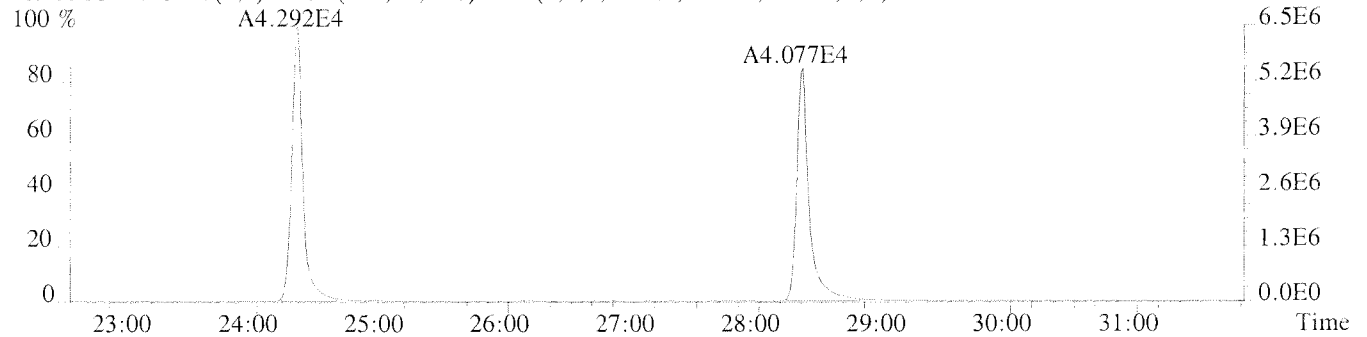
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4008.0,1.00%,F,T)



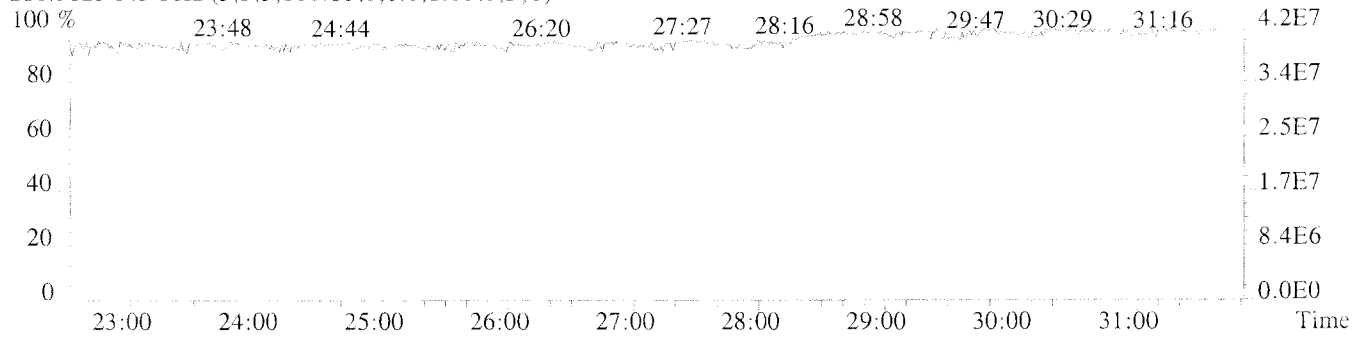
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,23164.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9908.0,1.00%,F,T)

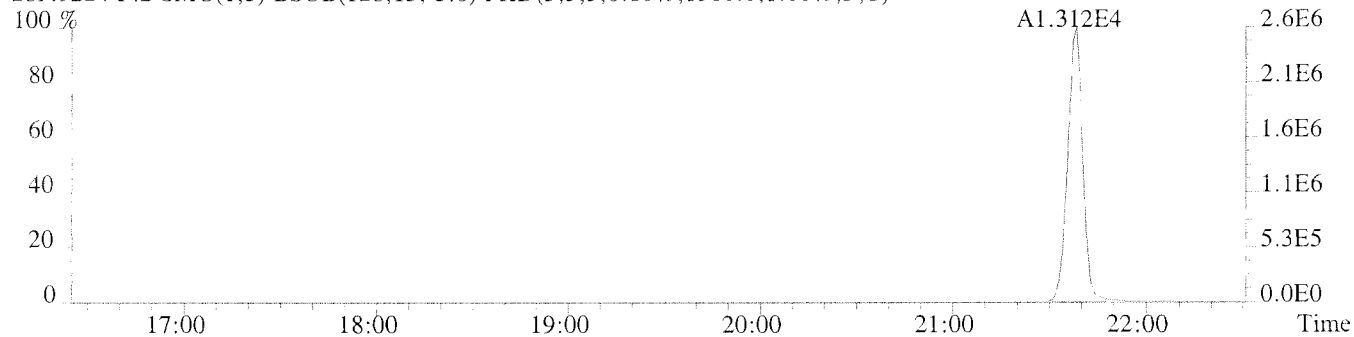


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

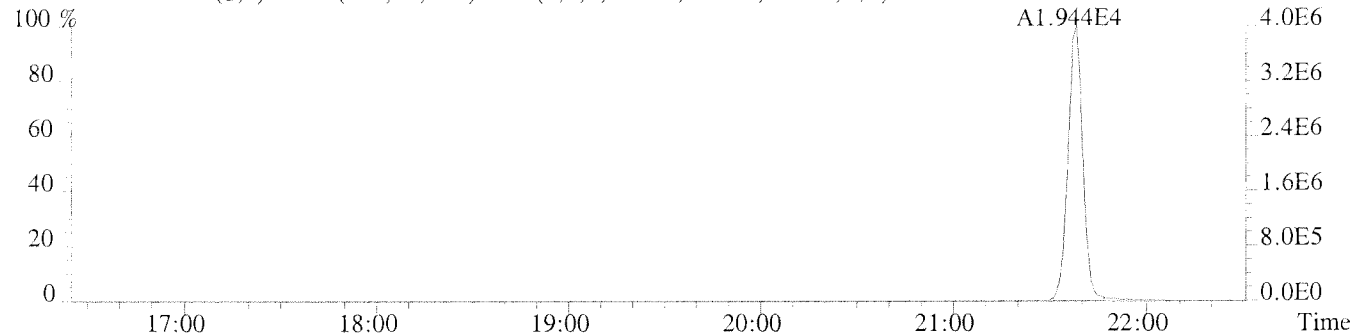


Sample#1 Exp:CCAL CS3

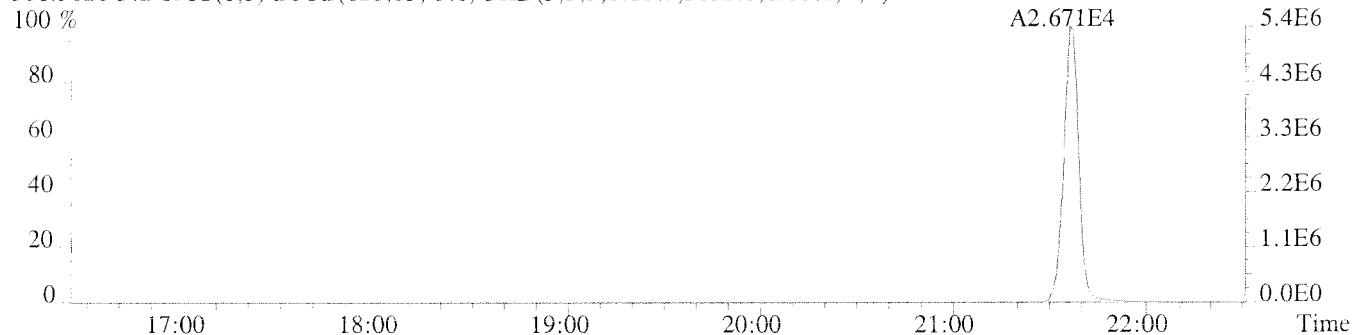
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1580.0,1.00%,F,T)



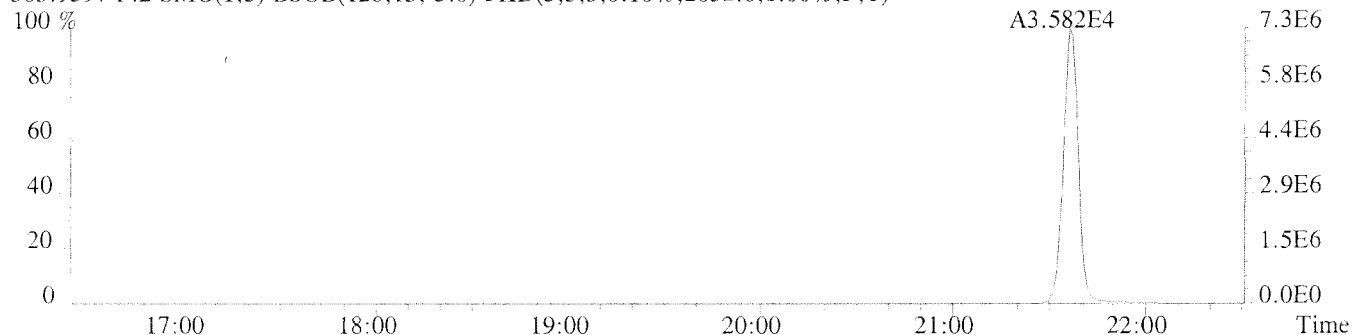
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1544.0,1.00%,F,T)



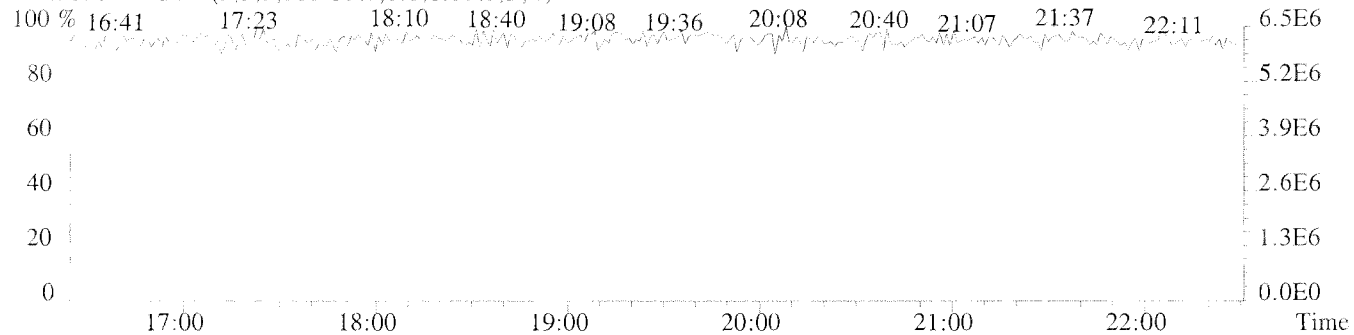
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3052.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2052.0,1.00%,F,T)

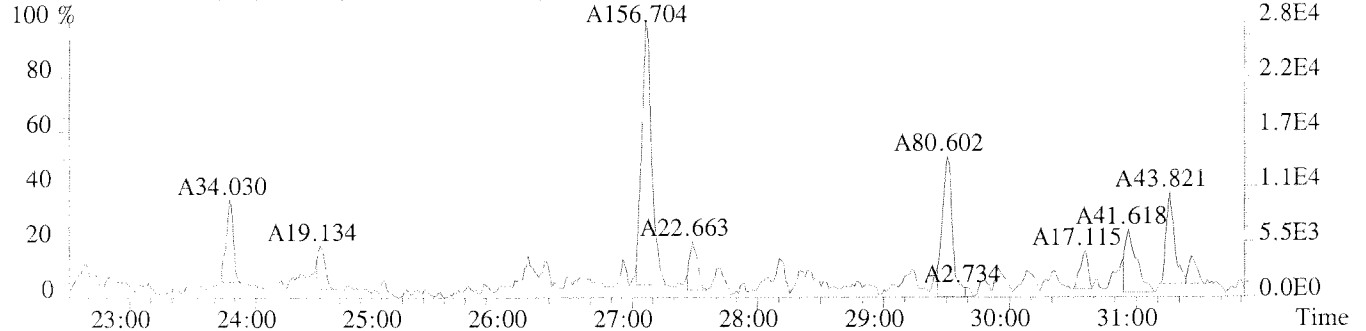


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

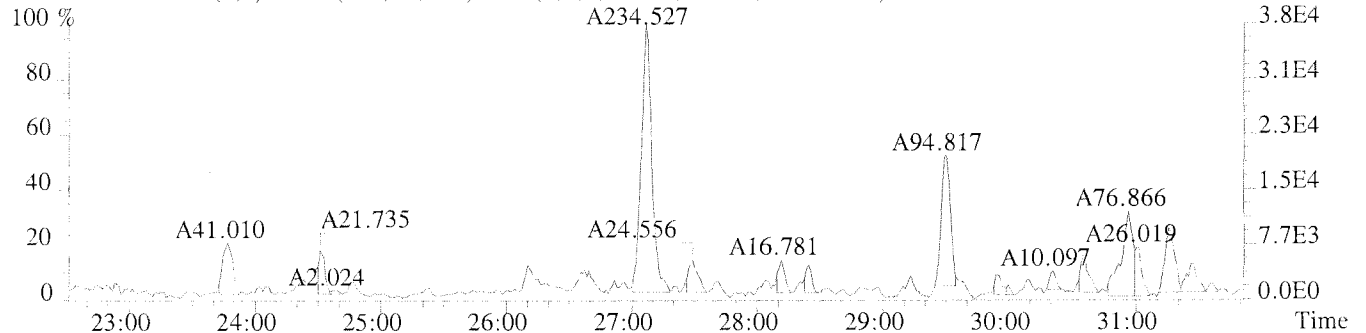


Sample#1 Exp:CCAL CS3

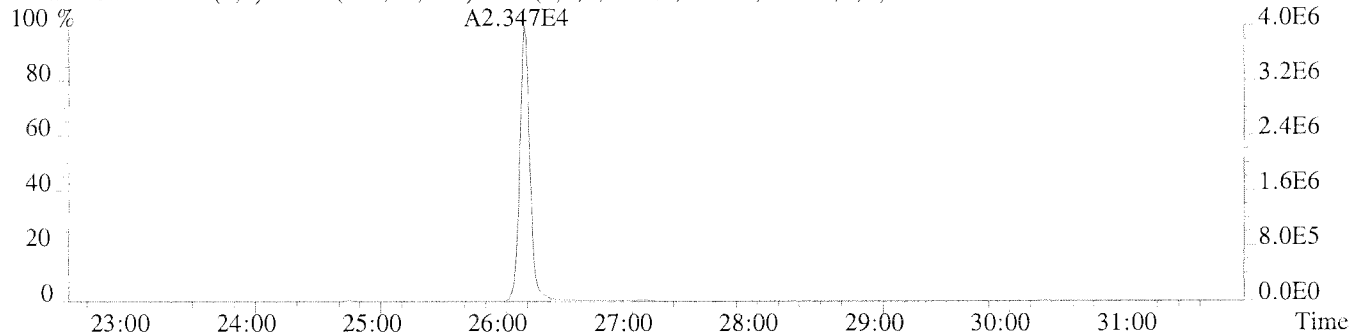
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1448.0,1.00%,F,T)



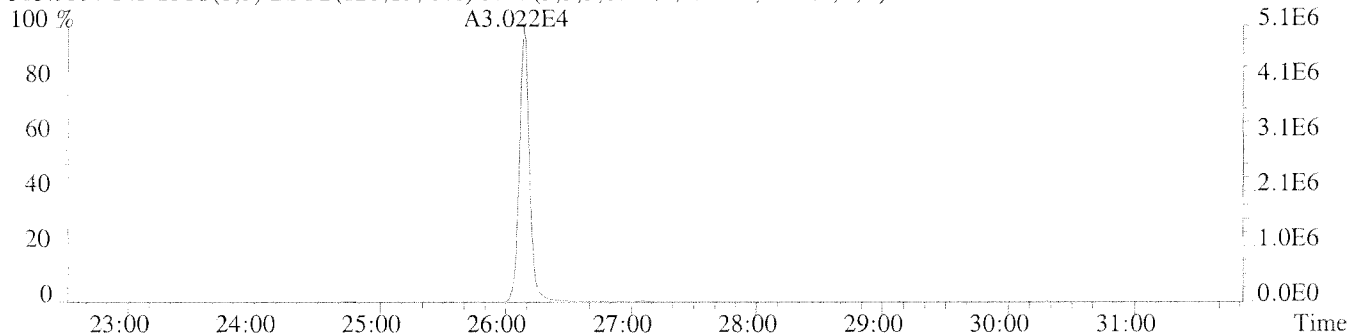
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1592.0,1.00%,F,T)



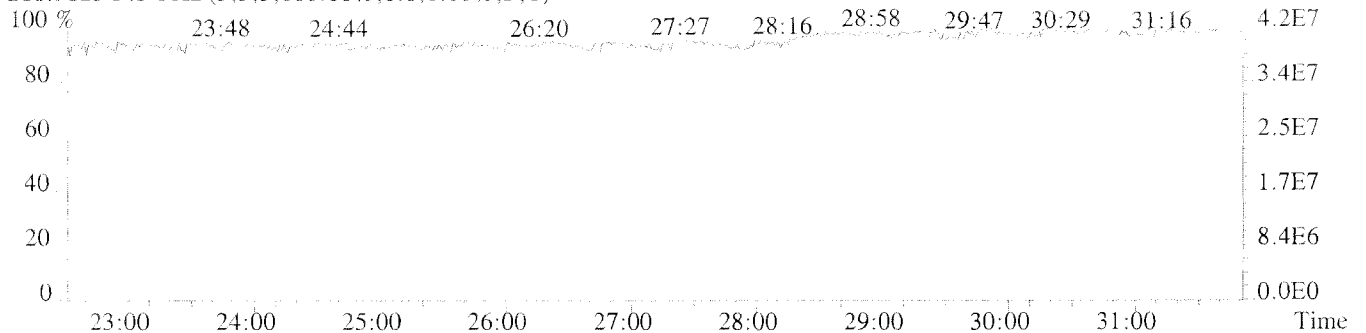
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1916.0,1.00%,F,T)



303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1948.0,1.00%,F,T)

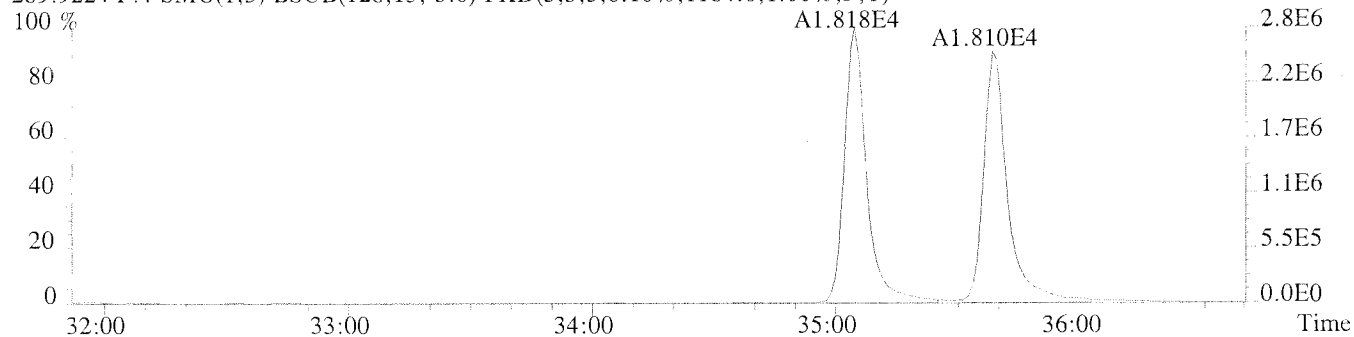


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

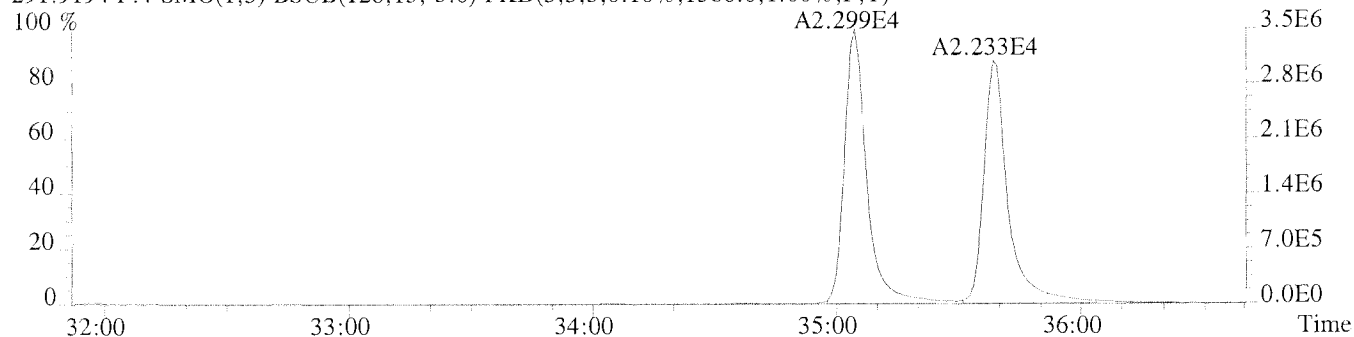


Sample#1 Exp:CCAL CS3

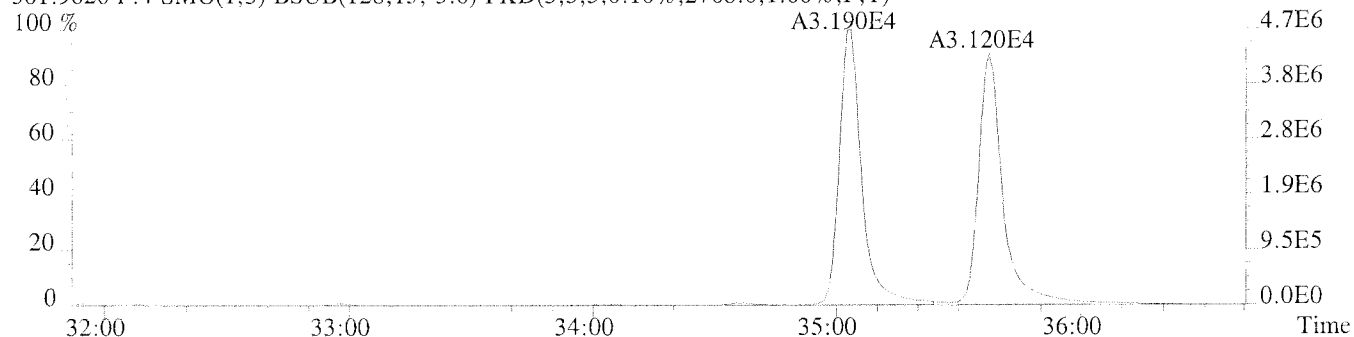
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)



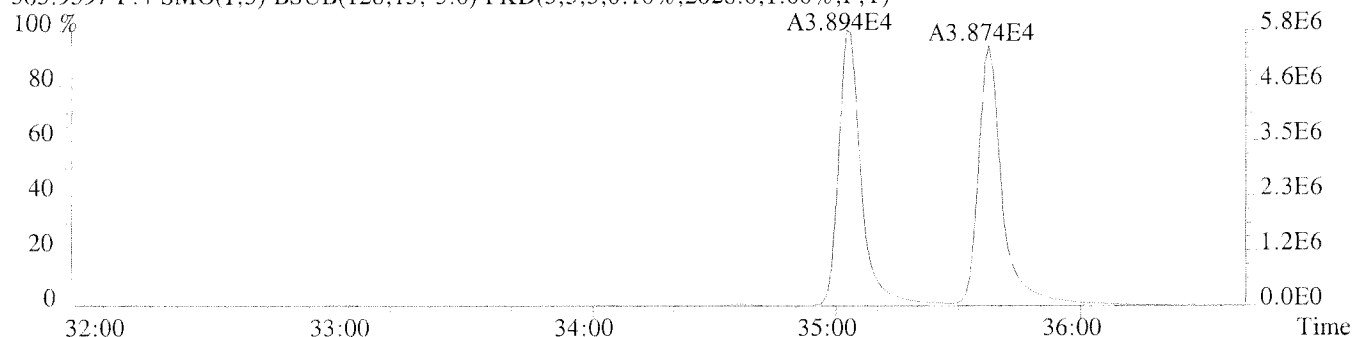
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1380.0,1.00%,F,T)



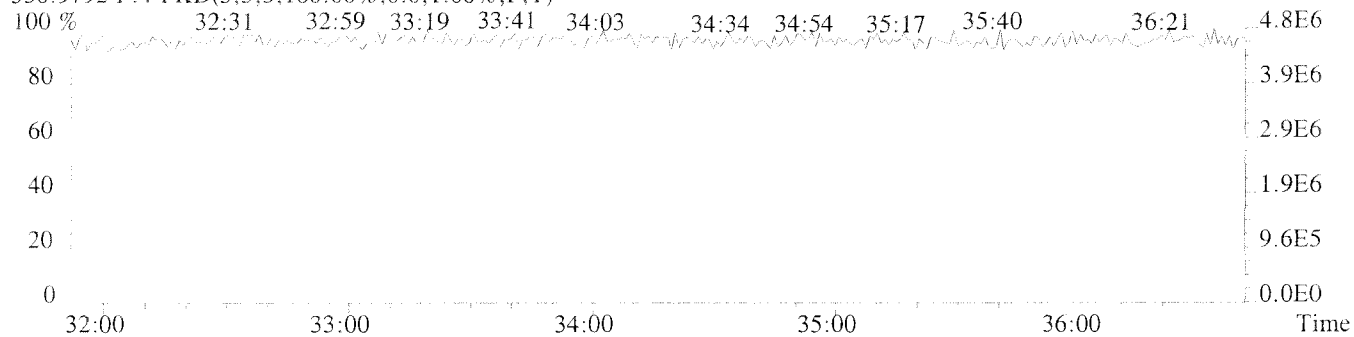
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2768.0,1.00%,F,T)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2028.0,1.00%,F,T)

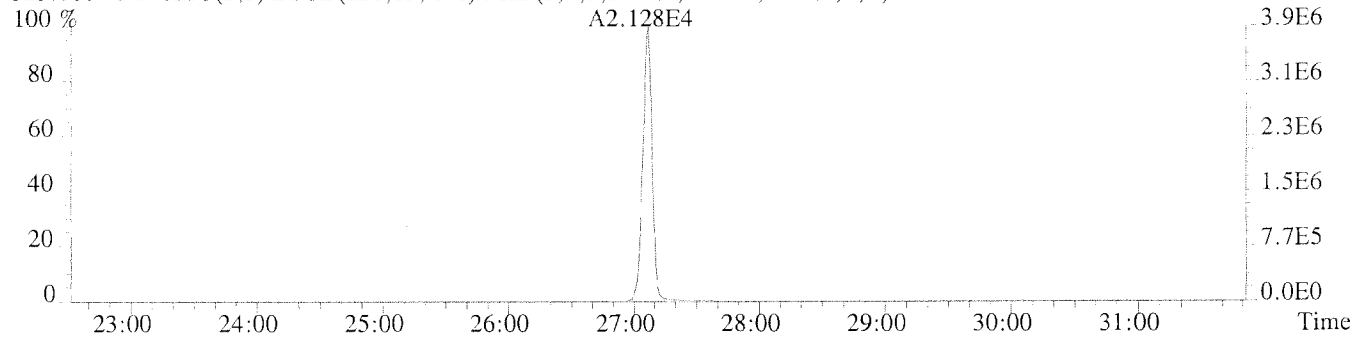


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

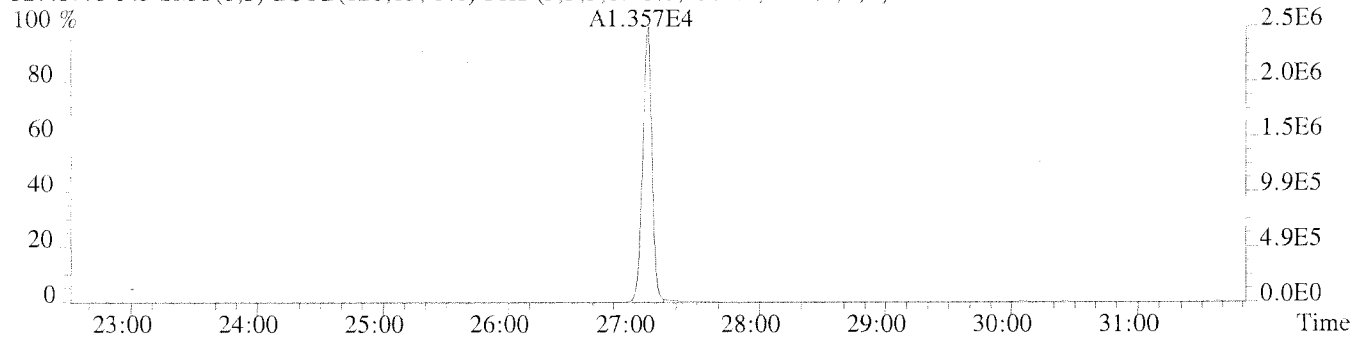


Sample#1 Exp:CCAL CS3

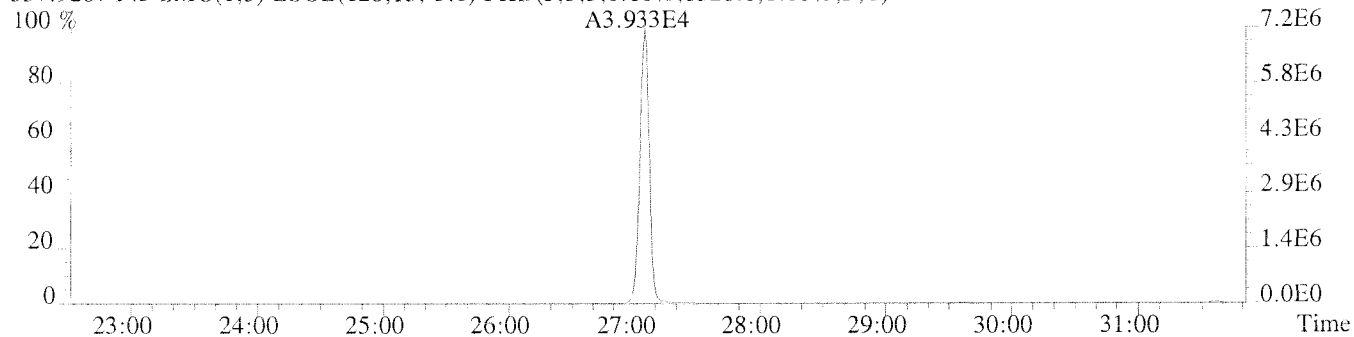
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1436.0,1.00%,F,T)



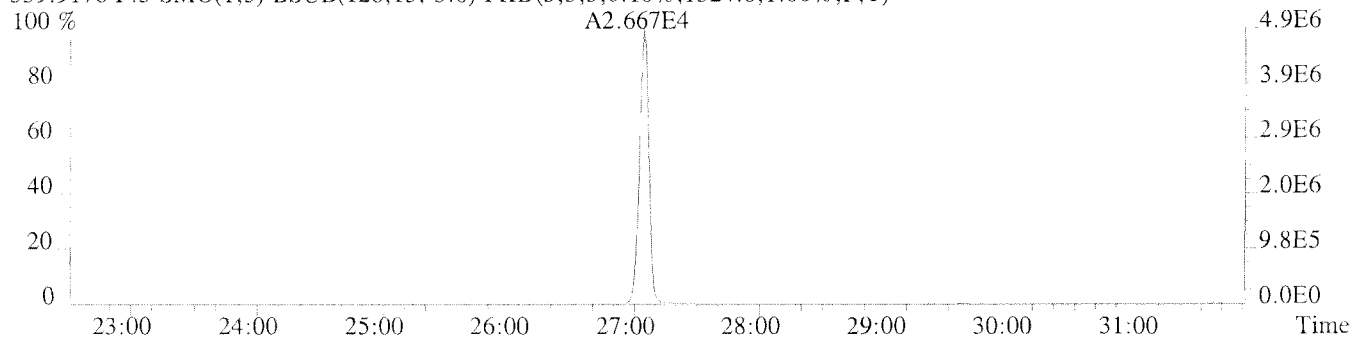
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1504.0,1.00%,F,T)



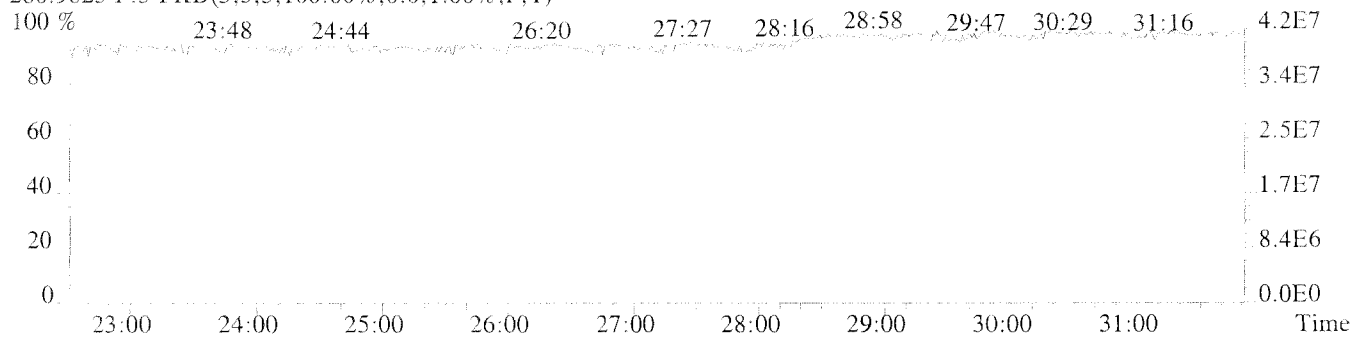
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1528.0,1.00%,F,T)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1324.0,1.00%,F,T)

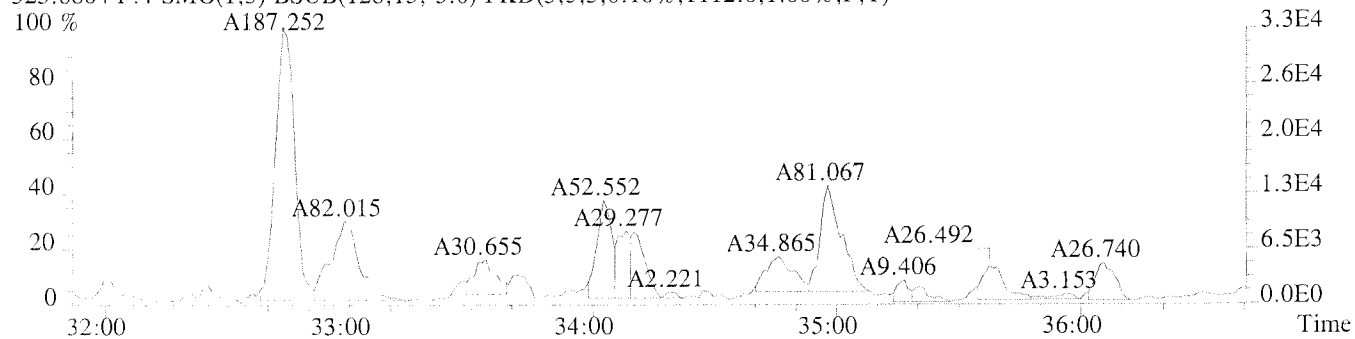


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

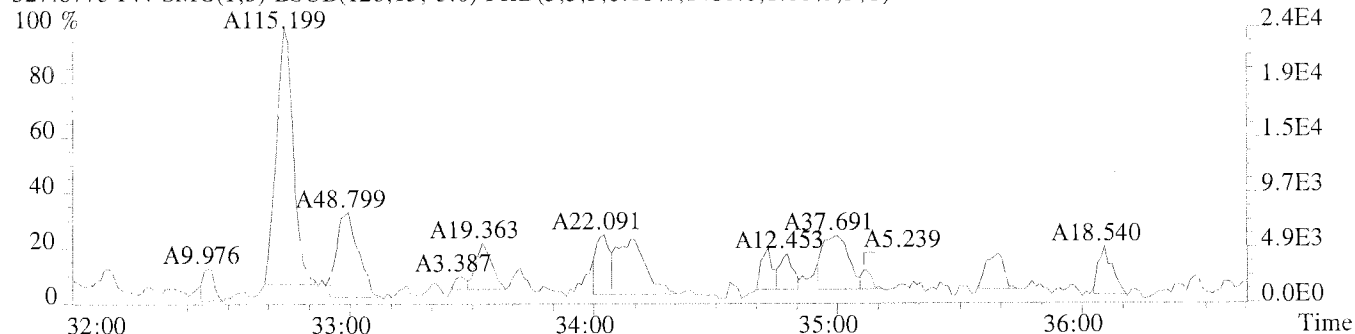


Sample#1 Exp:CCAL CS3

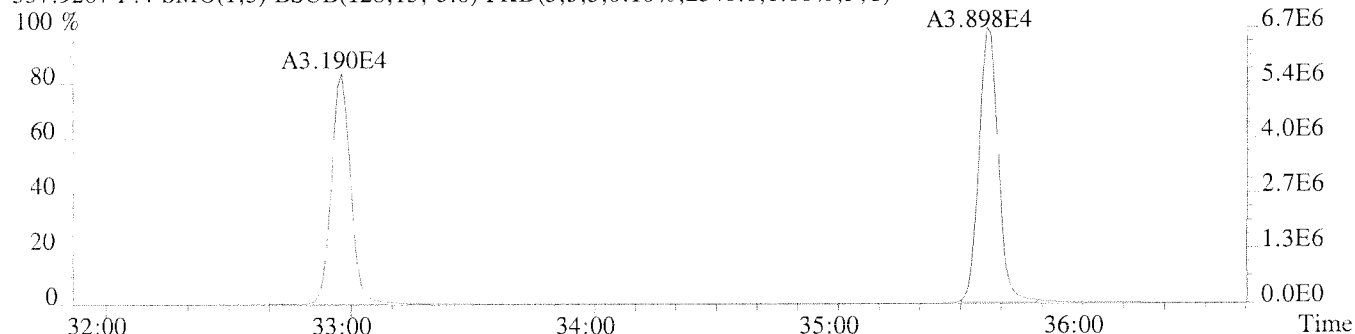
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1112.0,1.00%,F,T)



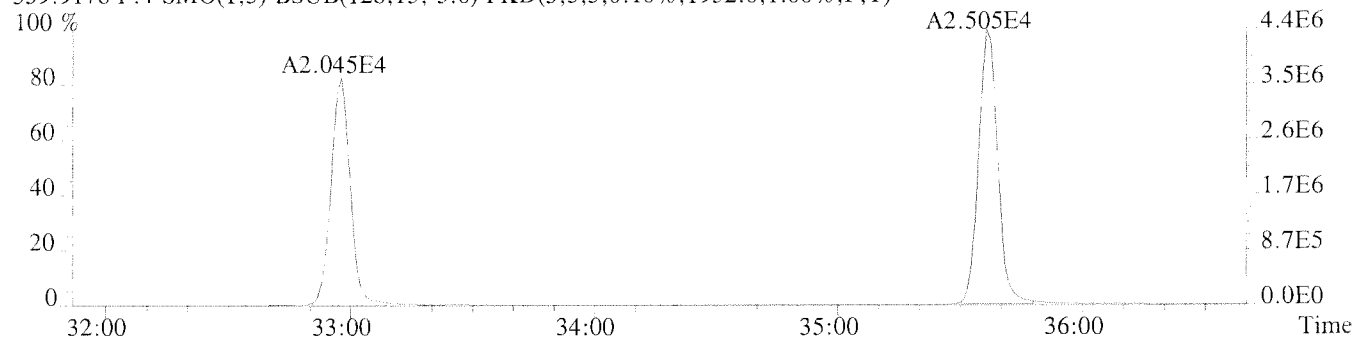
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1480.0,1.00%,F,T)



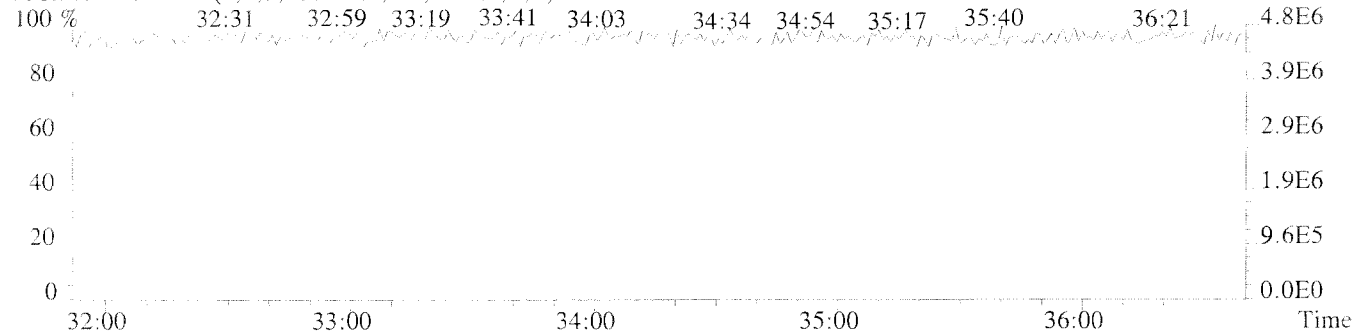
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2340.0,1.00%,F,T)



339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1952.0,1.00%,F,T)



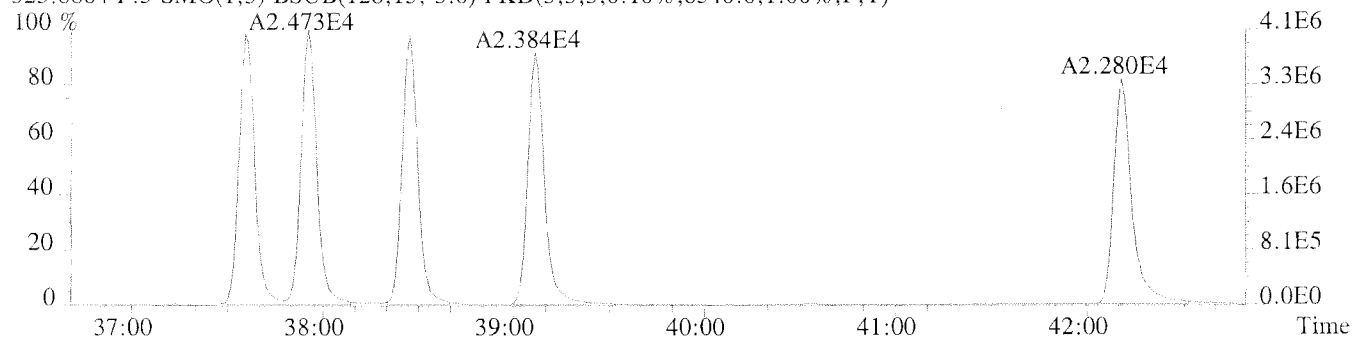
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



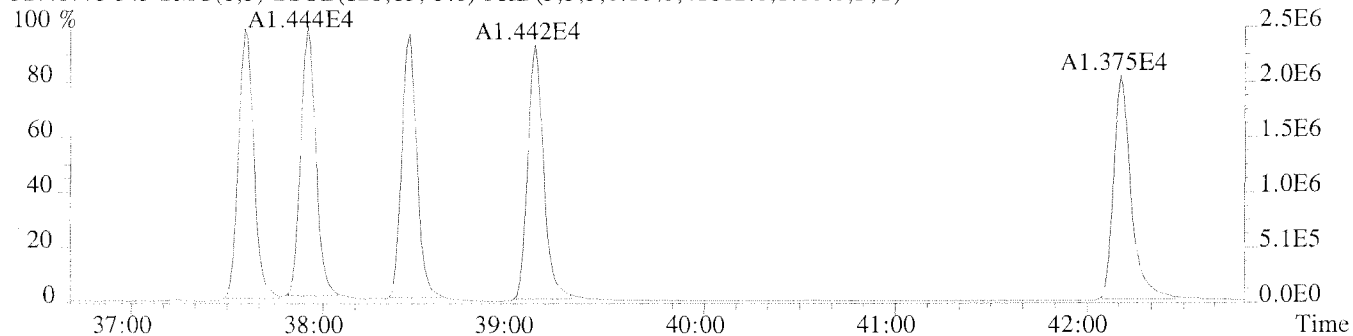
File:U224747 #1-393 Acq:14-JAN-2011 17:39:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

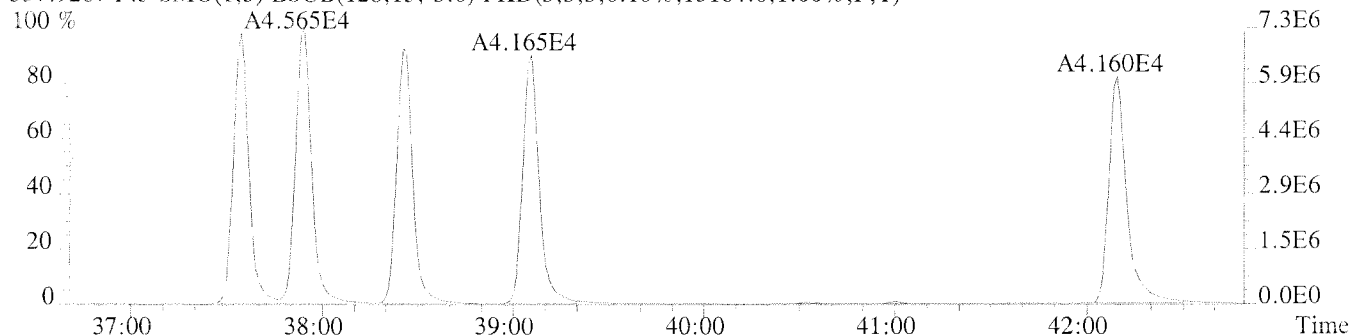
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8540.0,1.00%,F,T)



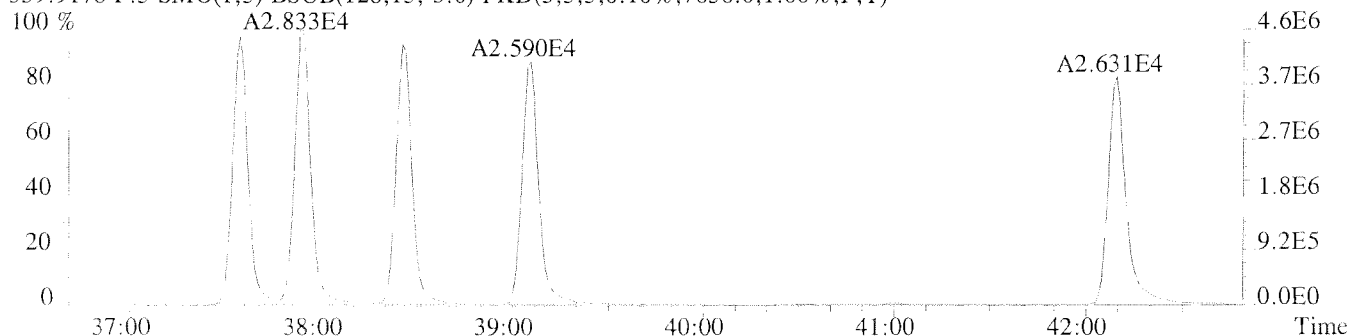
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,41012.0,1.00%,F,T)



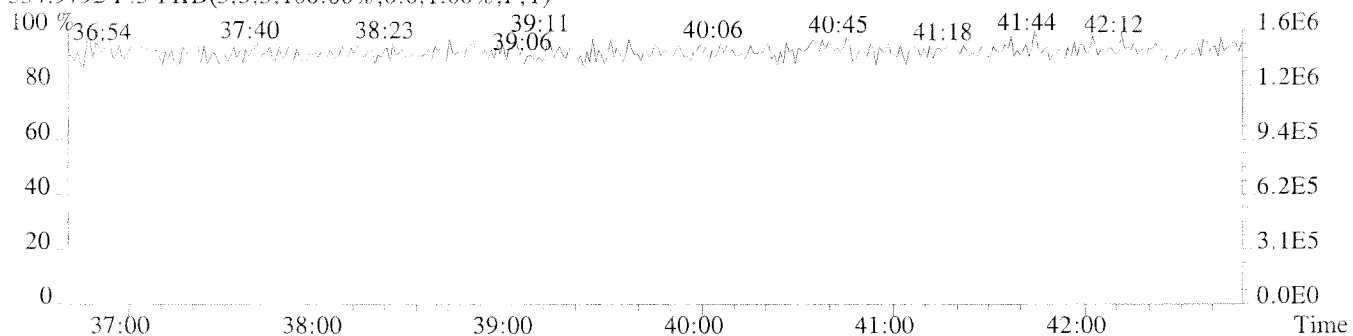
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13184.0,1.00%,F,T)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7656.0,1.00%,F,T)

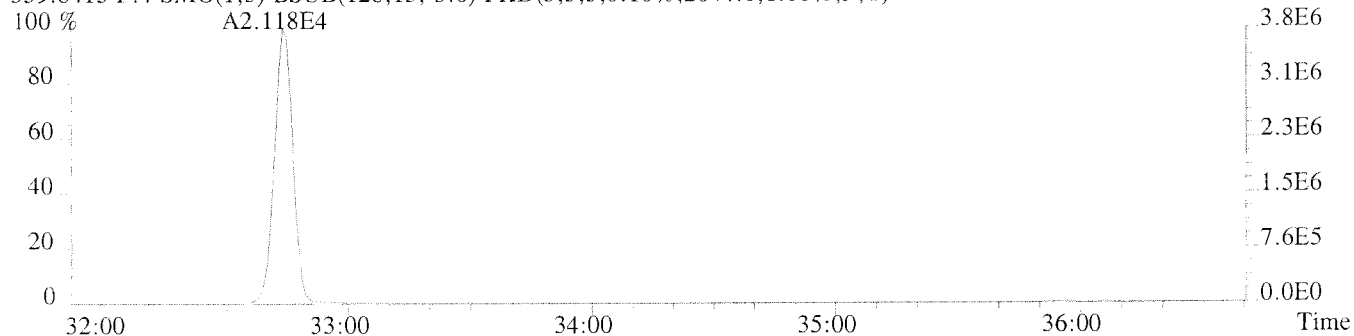


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

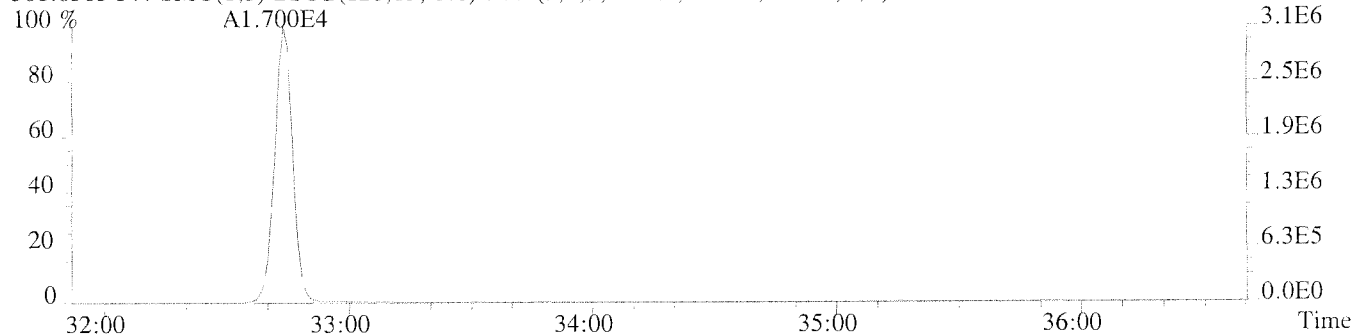


Sample#1 Exp:CCAL CS3

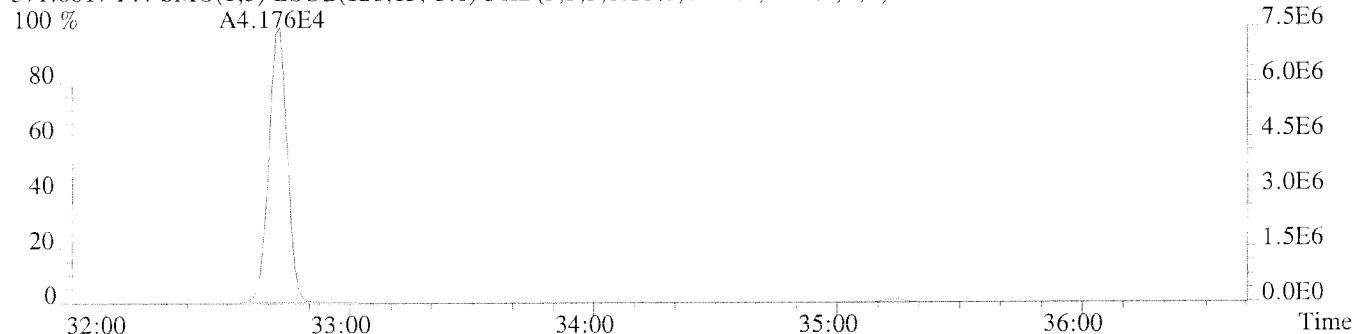
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2044.0,1.00%,F,T)



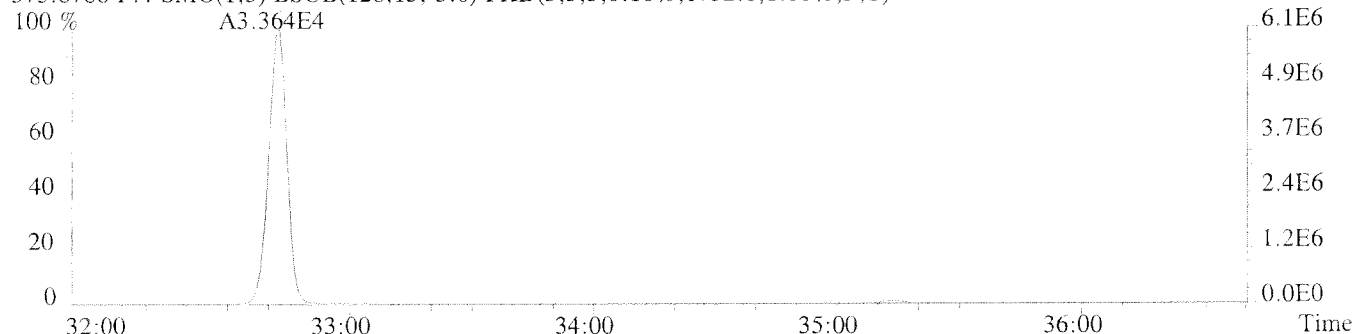
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1980.0,1.00%,F,T)



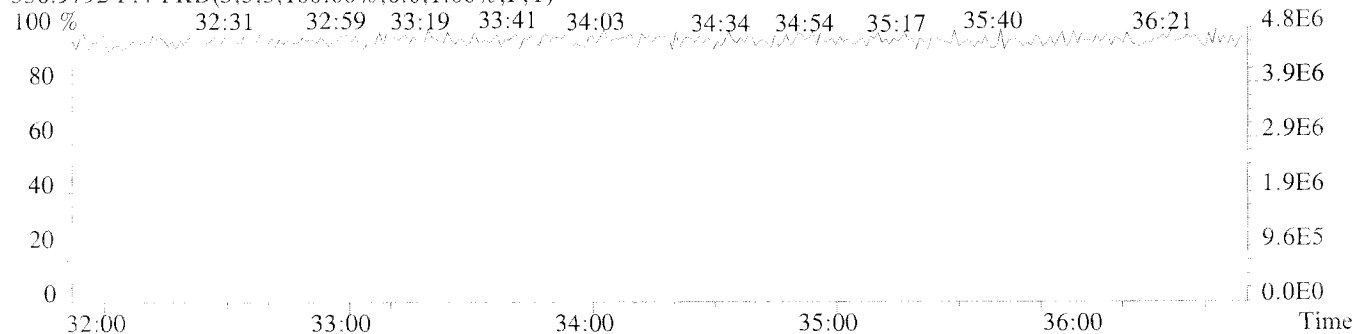
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2080.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1732.0,1.00%,F,T)

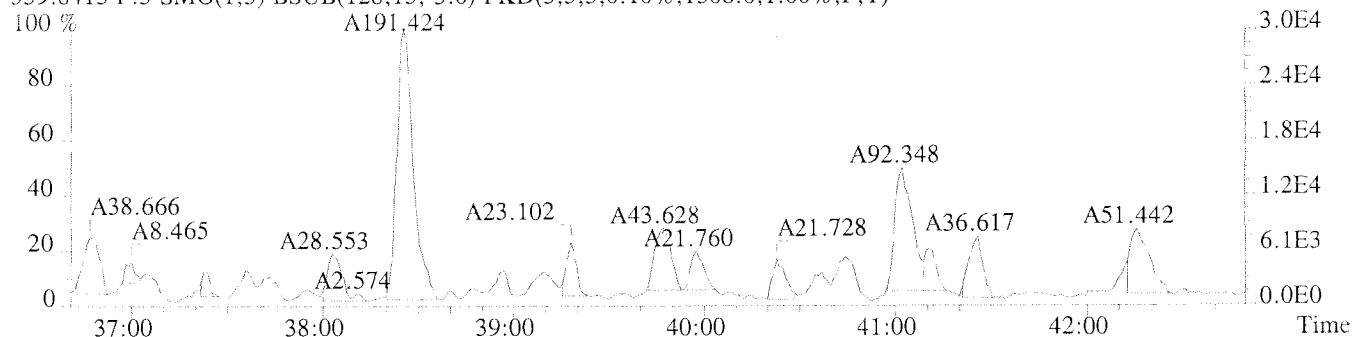


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

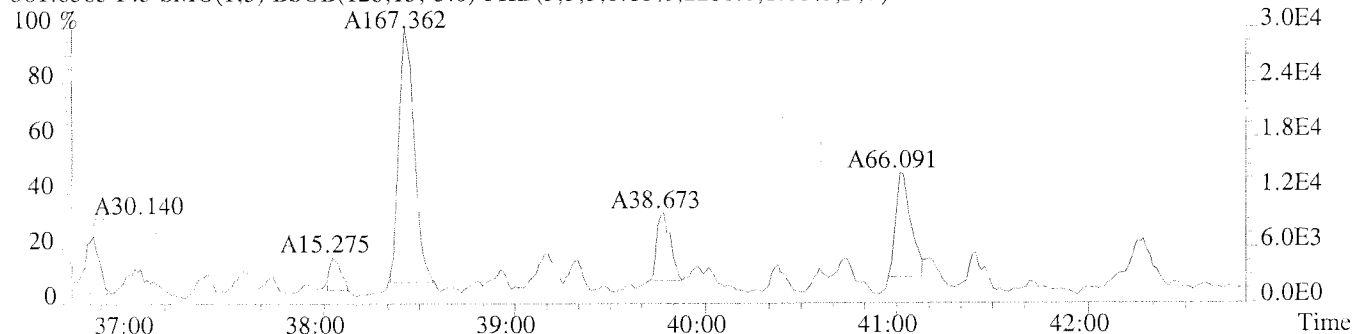


Sample#1 Exp:CCAL CS3

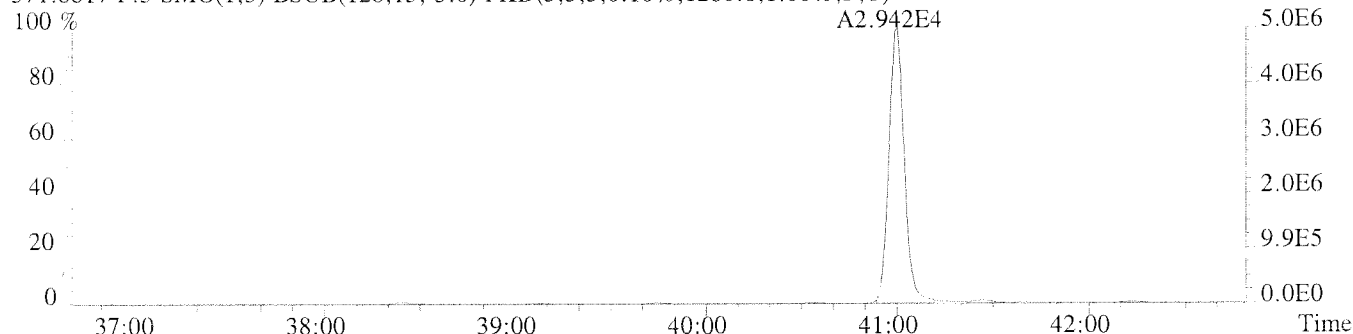
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1508.0,1.00%,F,T)



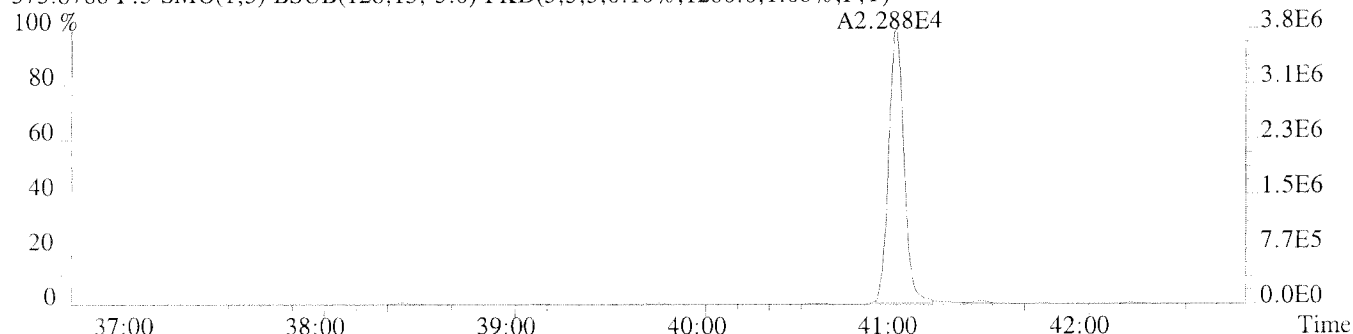
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2208.0,1.00%,F,T)



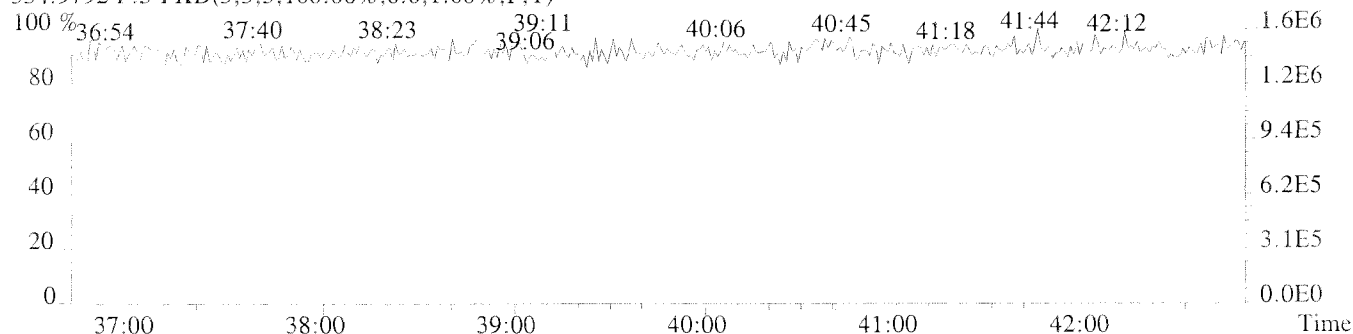
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1200.0,1.00%,F,T)

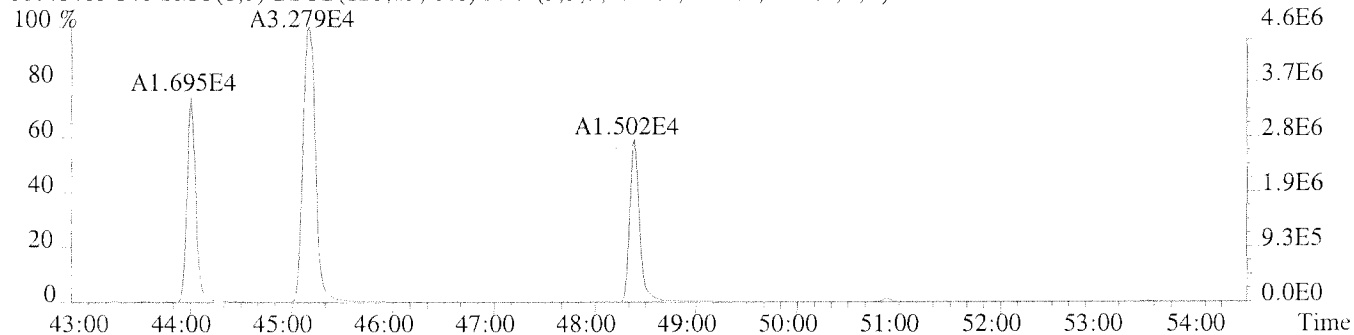


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

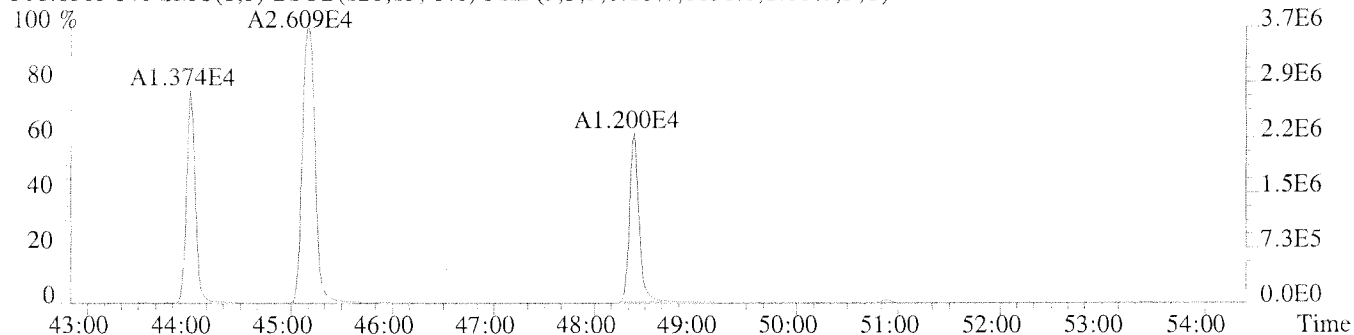


Sample#1 Exp:CCAL CS3

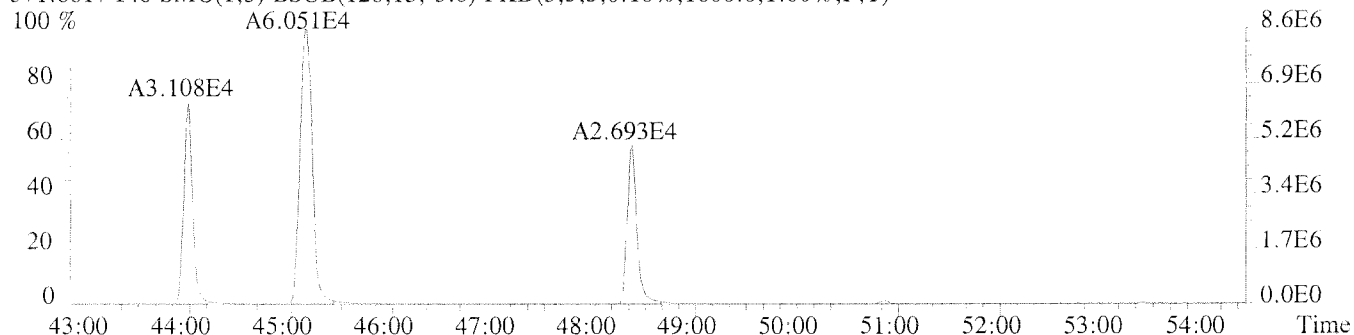
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1208.0,1.00%,F,T)



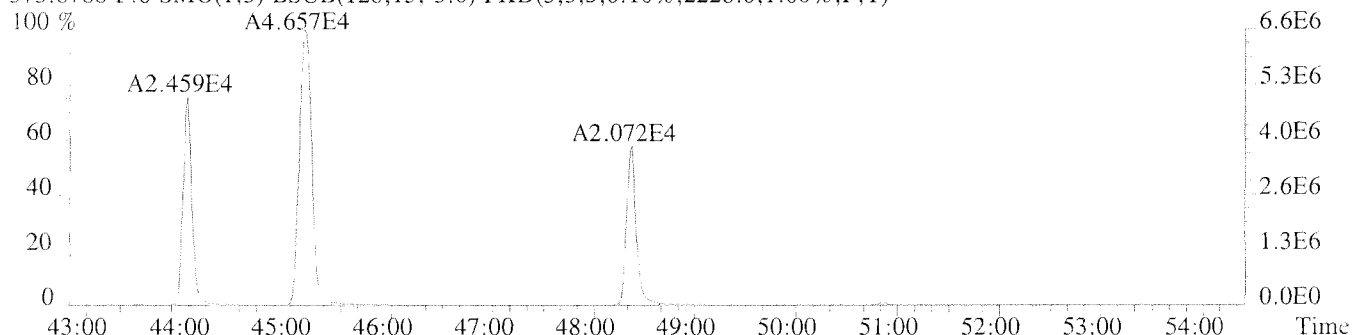
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1656.0,1.00%,F,T)



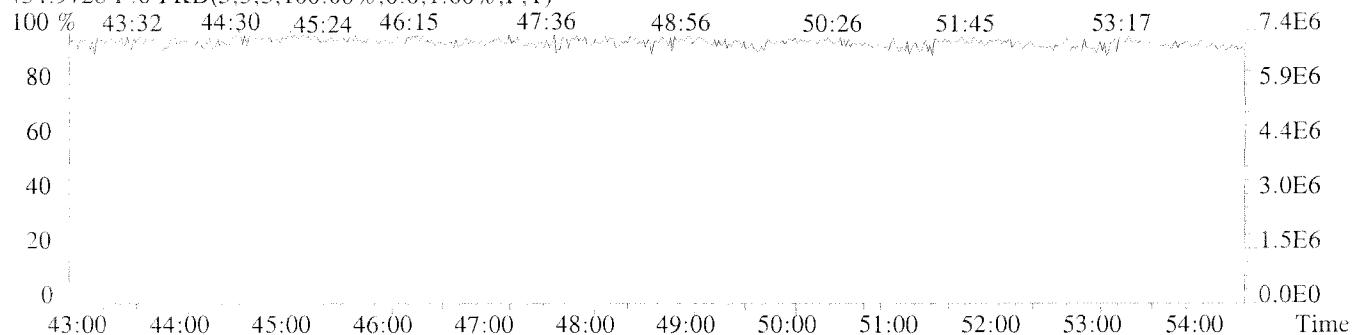
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1600.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2228.0,1.00%,F,T)



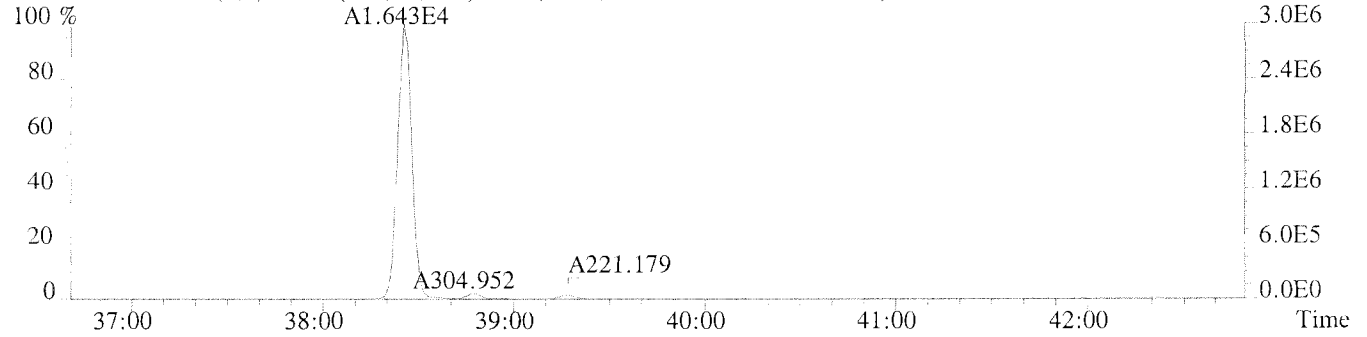
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



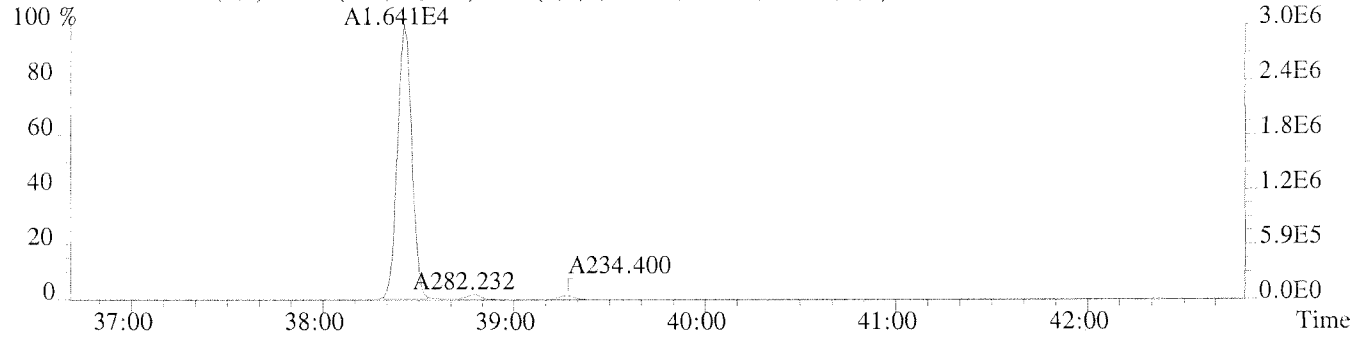
File:U224747 #1-393 Acq:14-JAN-2011 17:39:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

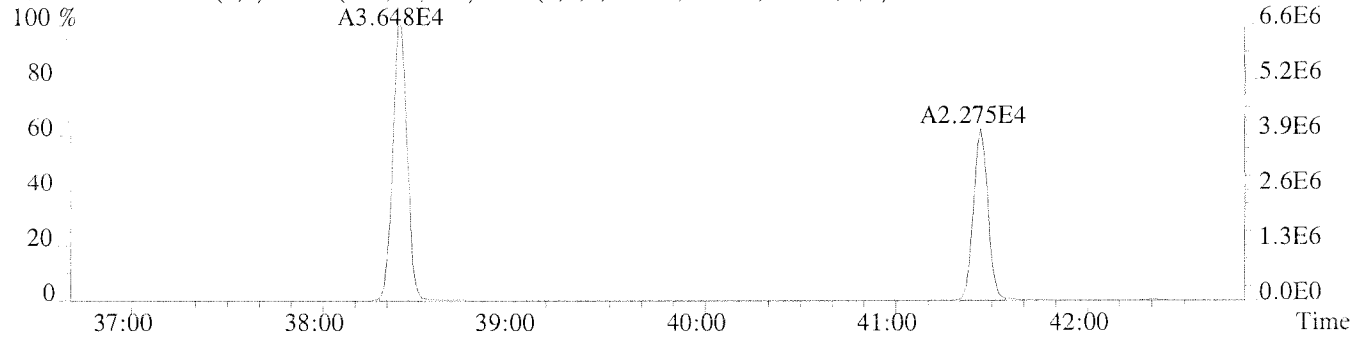
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1284.0,1.00%,F,T)



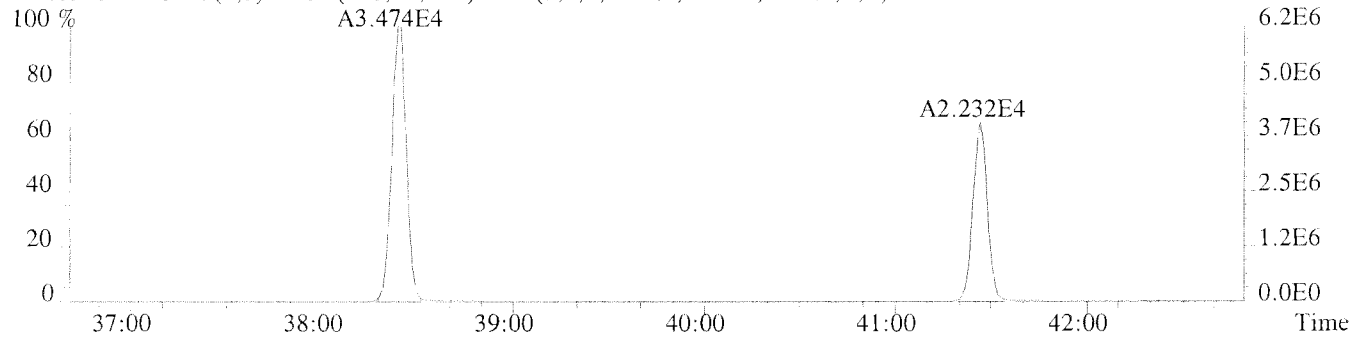
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1060.0,1.00%,F,T)



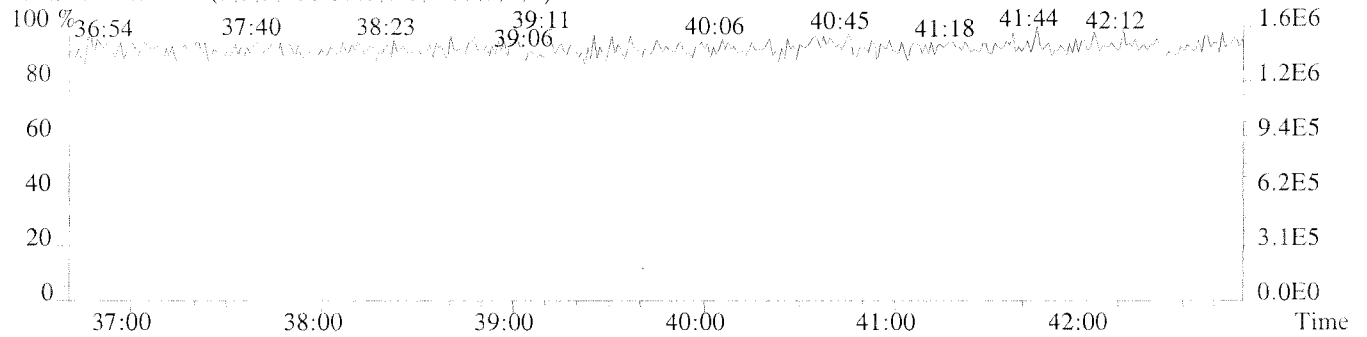
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1248.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1028.0,1.00%,F,T)



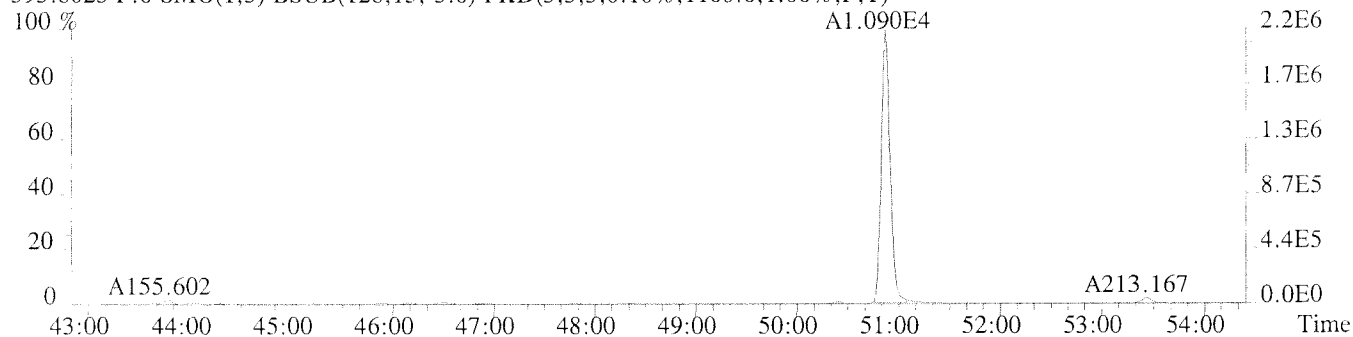
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



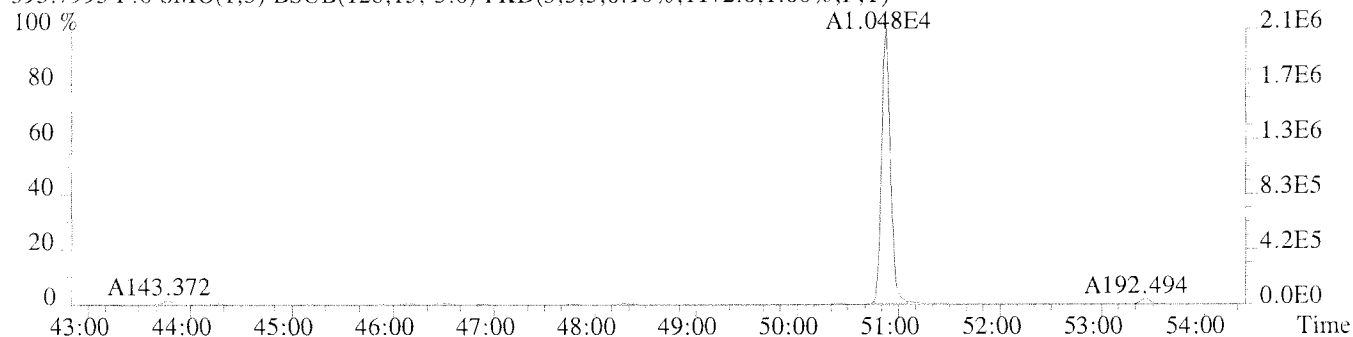
File:U224747 #1-574 Acq:14-JAN-2011 17:39:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

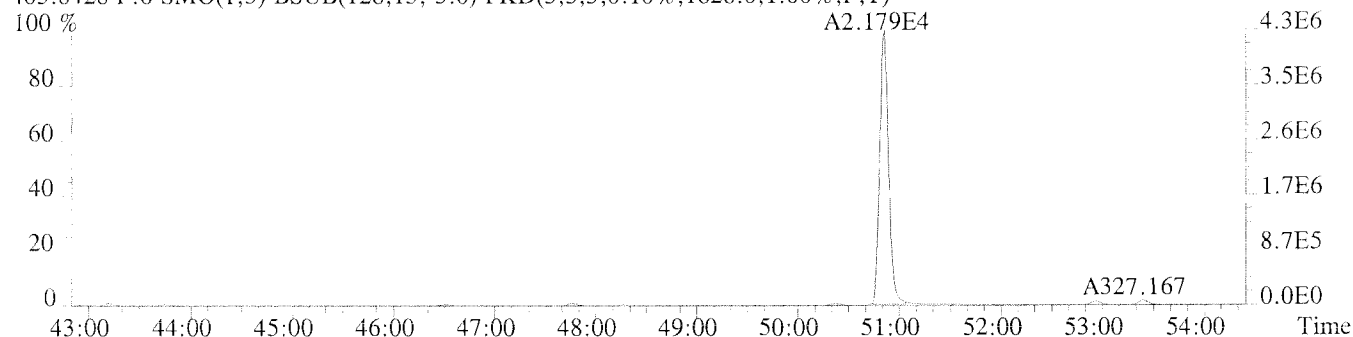
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1100.0,1.00%,F,T)



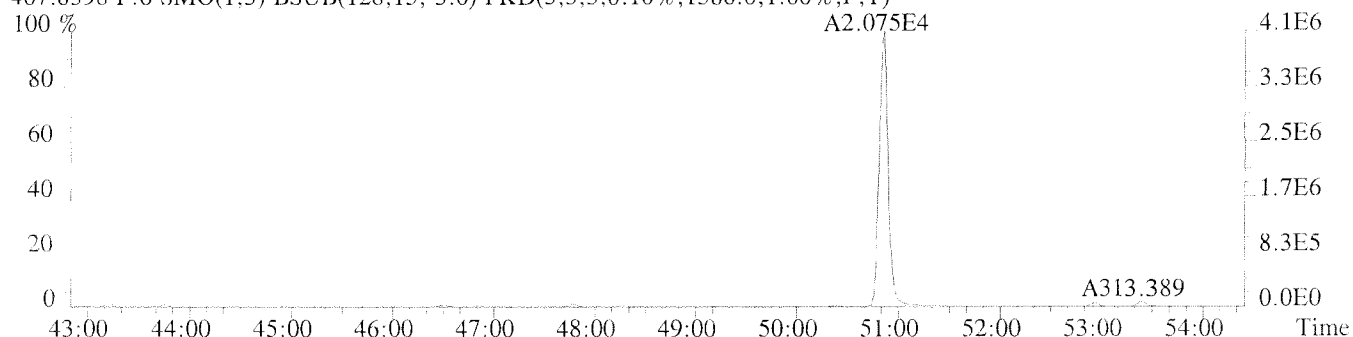
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1172.0,1.00%,F,T)



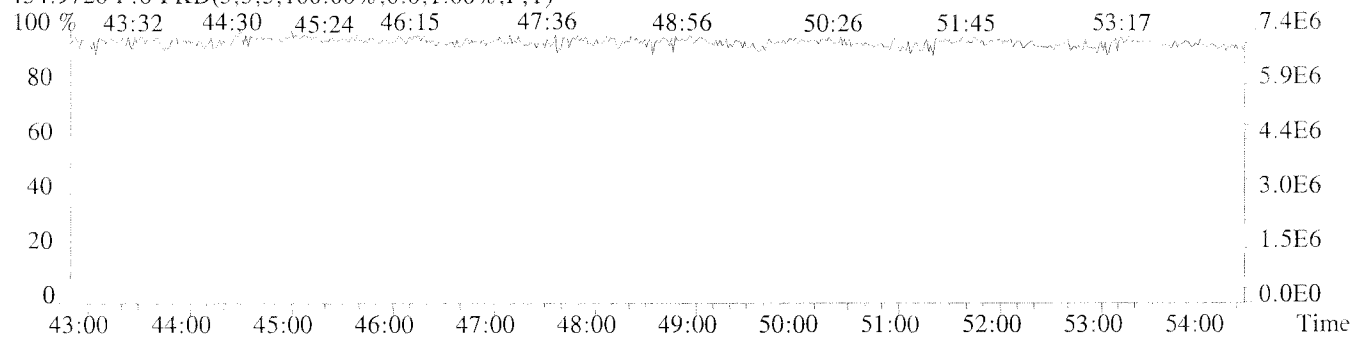
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1828.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1588.0,1.00%,F,T)

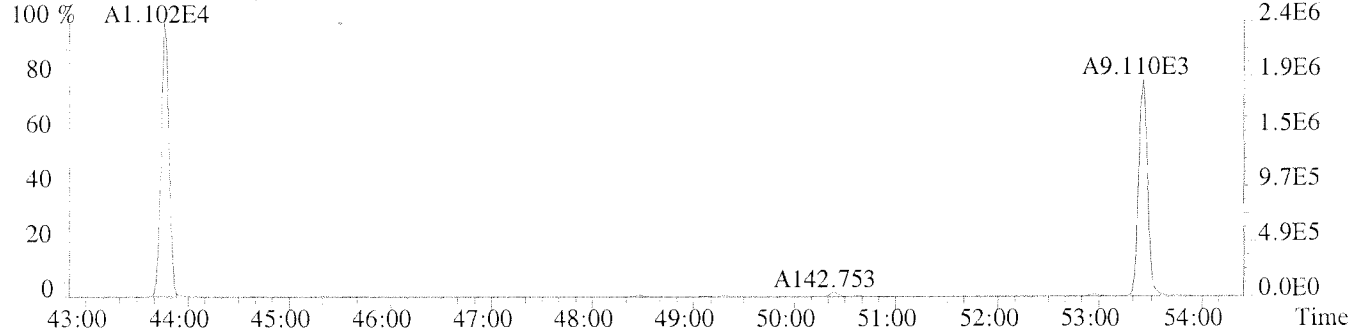


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

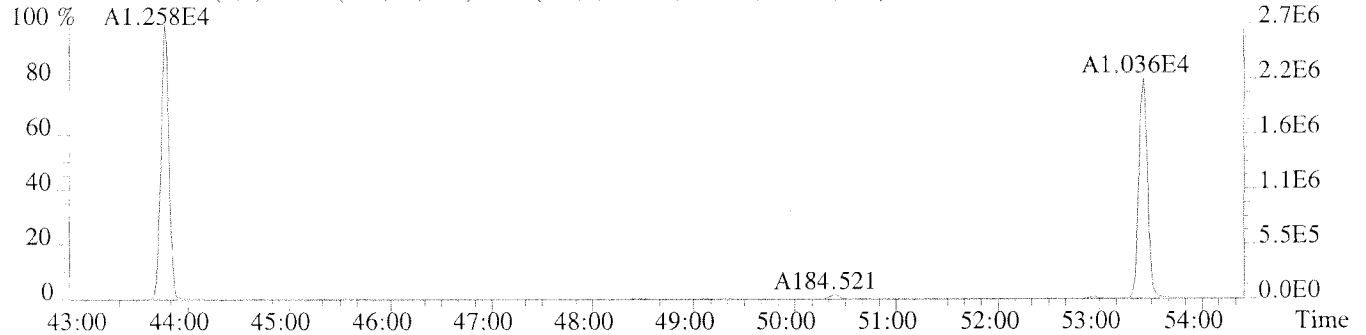


Sample#1 Exp:CCAL CS3

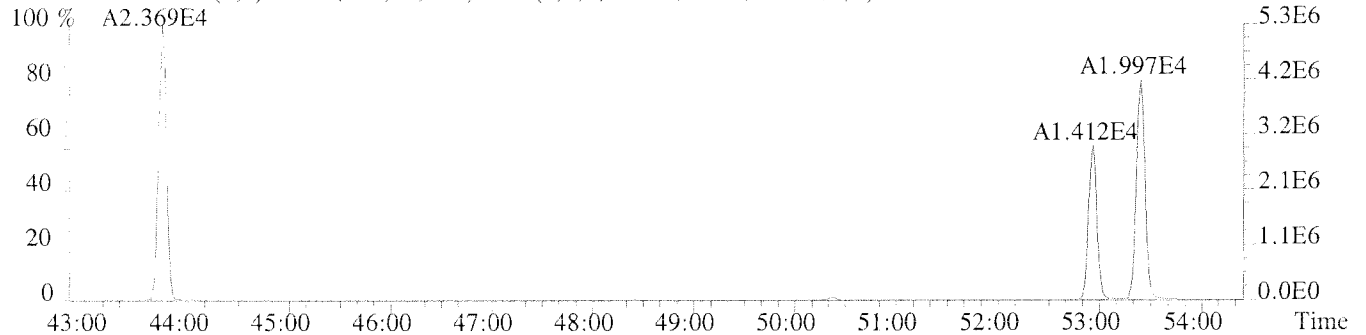
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,900.0,1.00%,F,T)



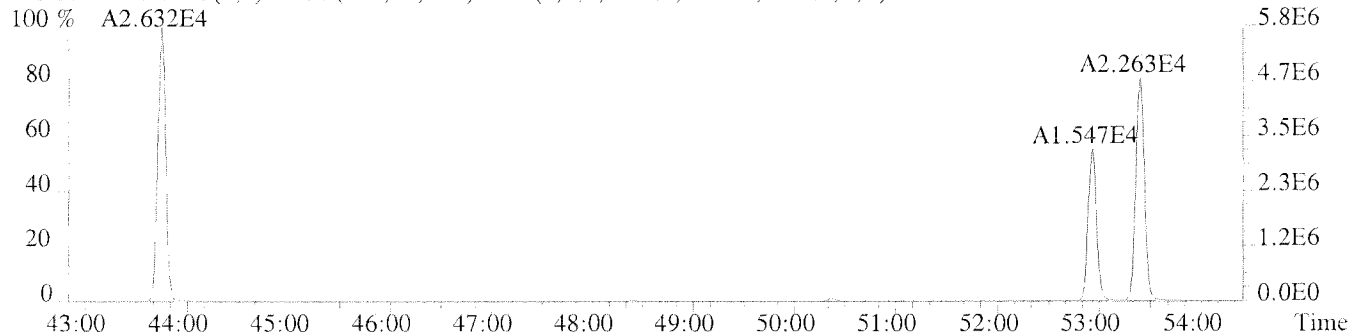
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1356.0,1.00%,F,T)



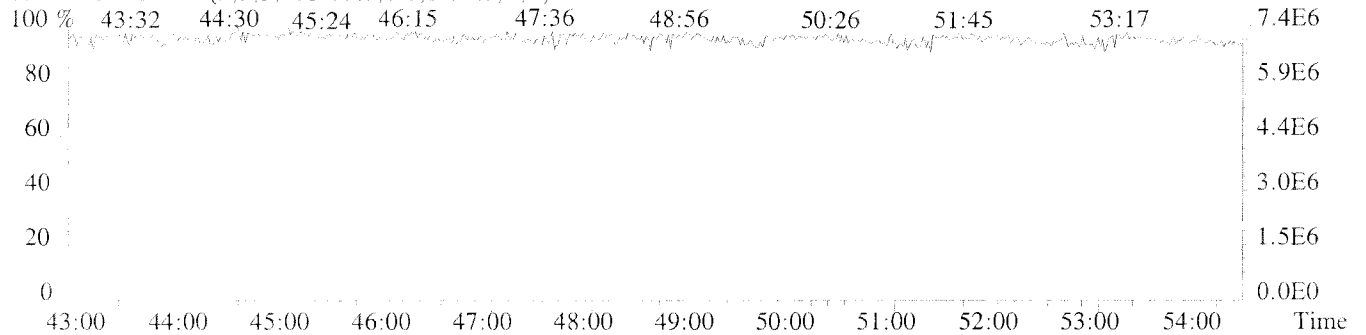
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,860.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1116.0,1.00%,F,T)

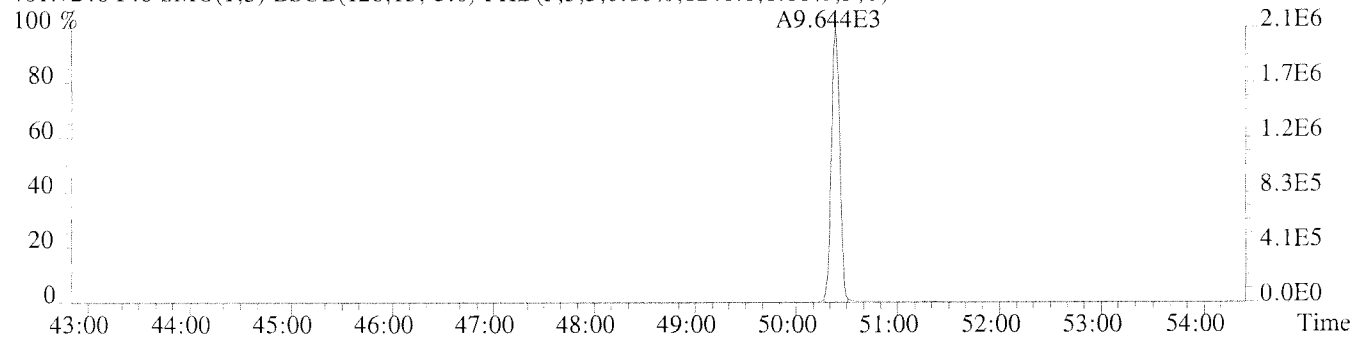


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

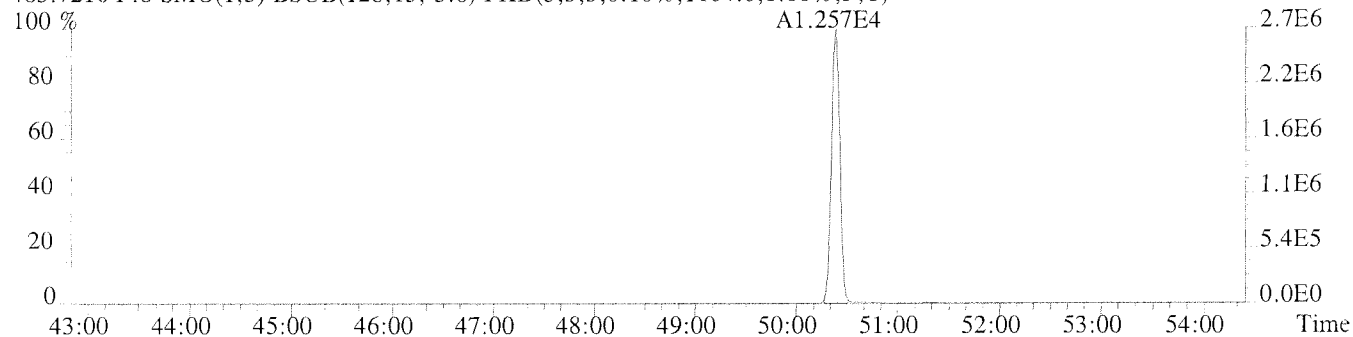


Sample#1 Exp:CCAL CS3

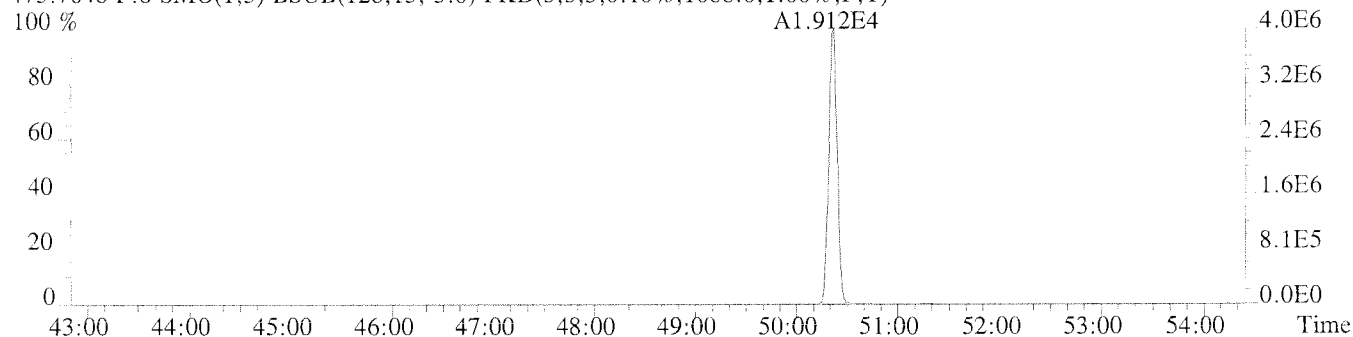
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1240.0,1.00%,F,T)



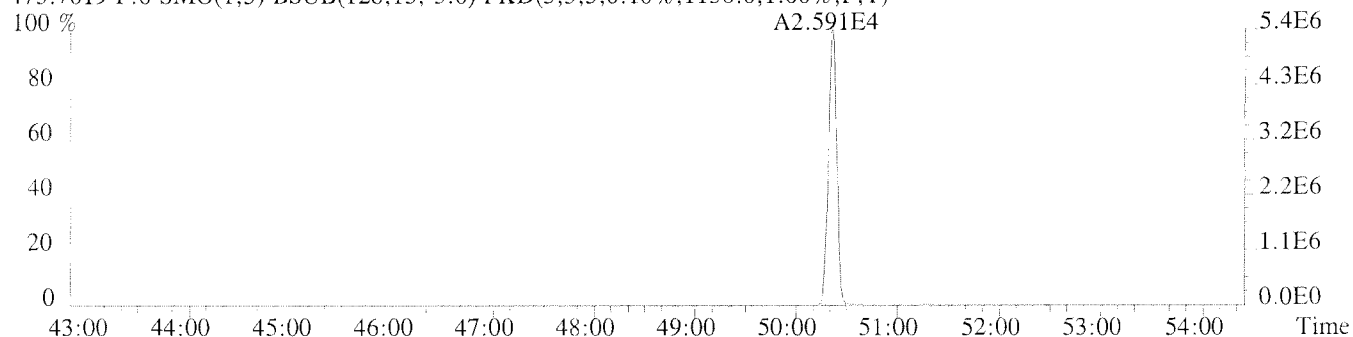
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1104.0,1.00%,F,T)



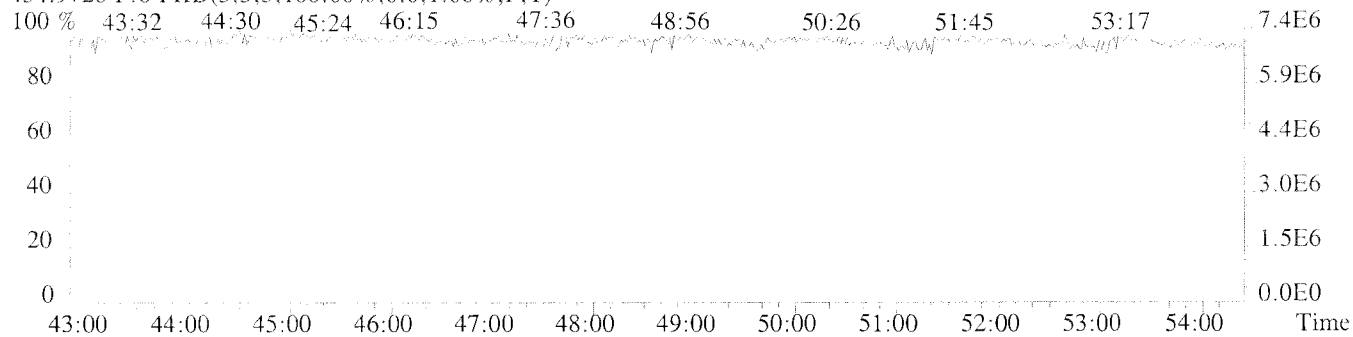
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1088.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1136.0,1.00%,F,T)



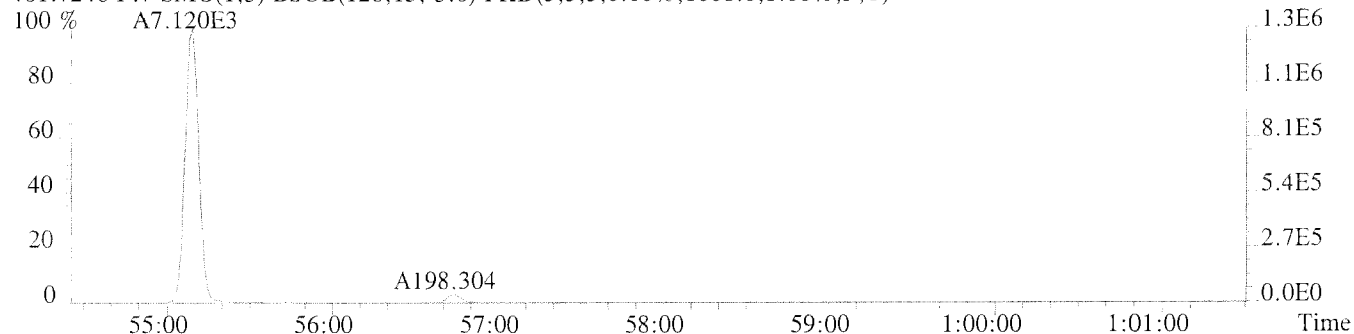
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



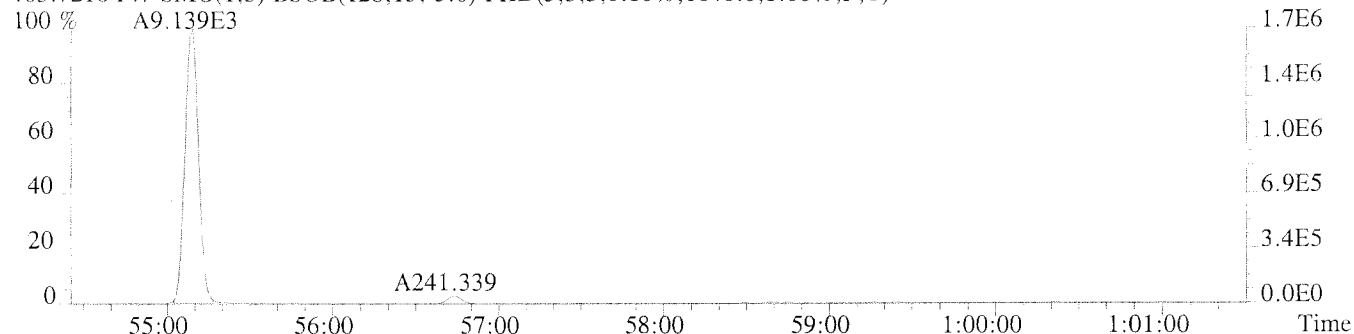
File:U224747 #1-400 Acq:14-JAN-2011 17:39:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

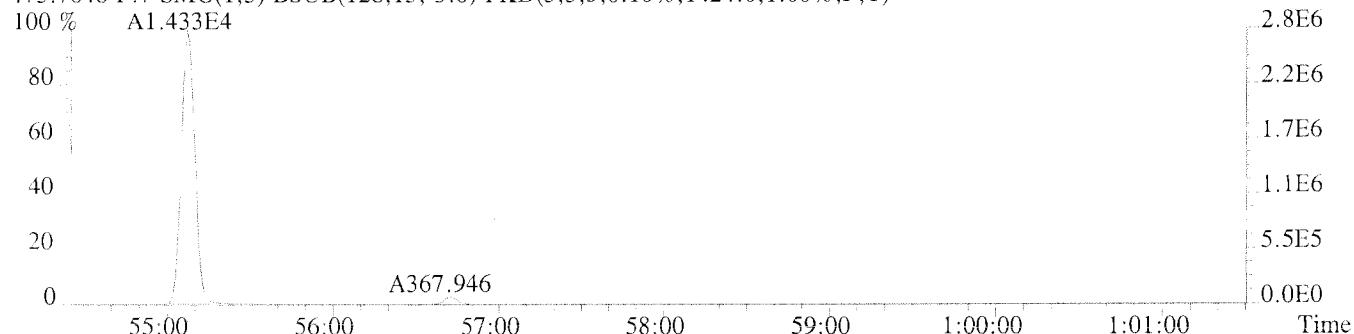
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1008.0,1.00%,F,T)



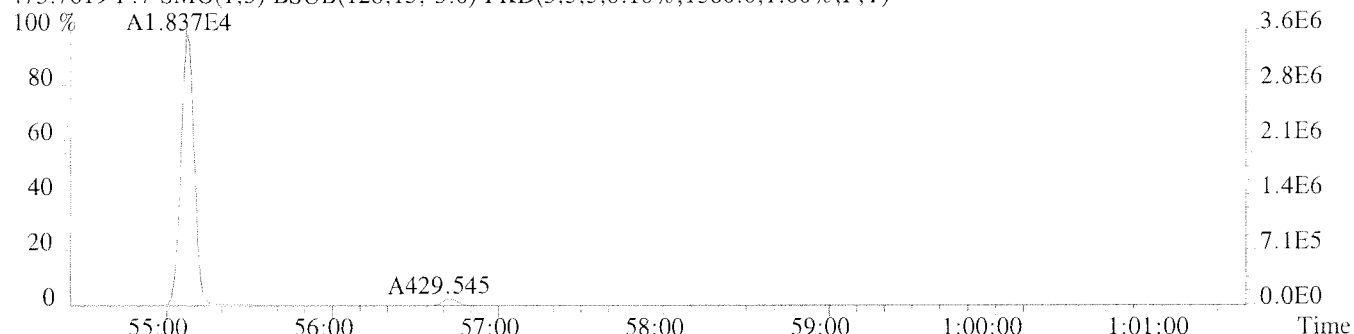
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1640.0,1.00%,F,T)



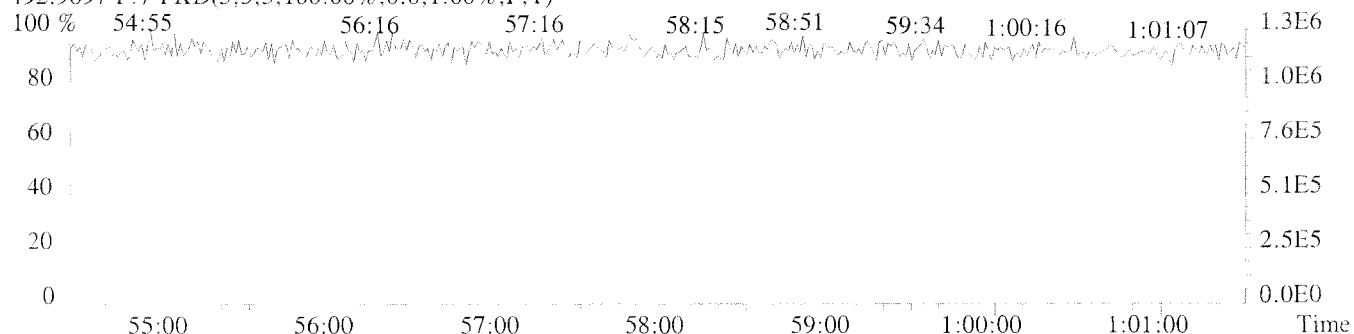
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1424.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1380.0,1.00%,F,T)

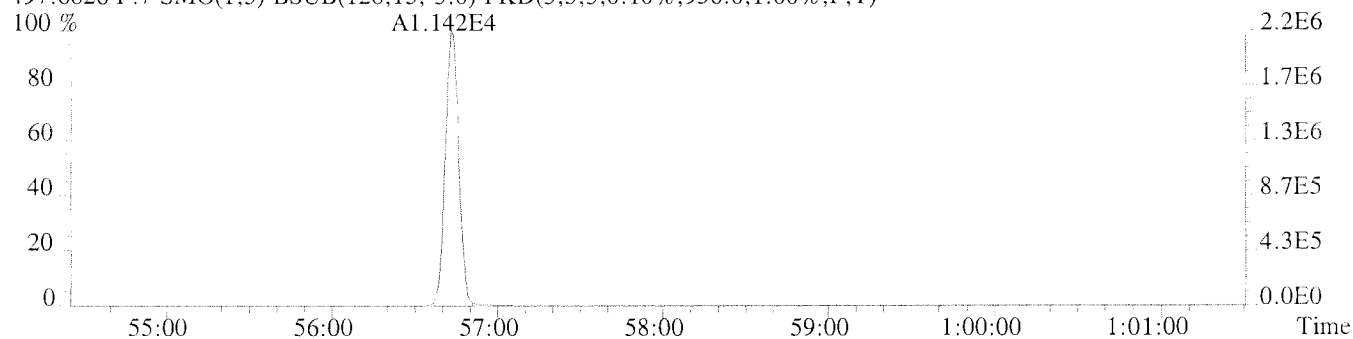


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

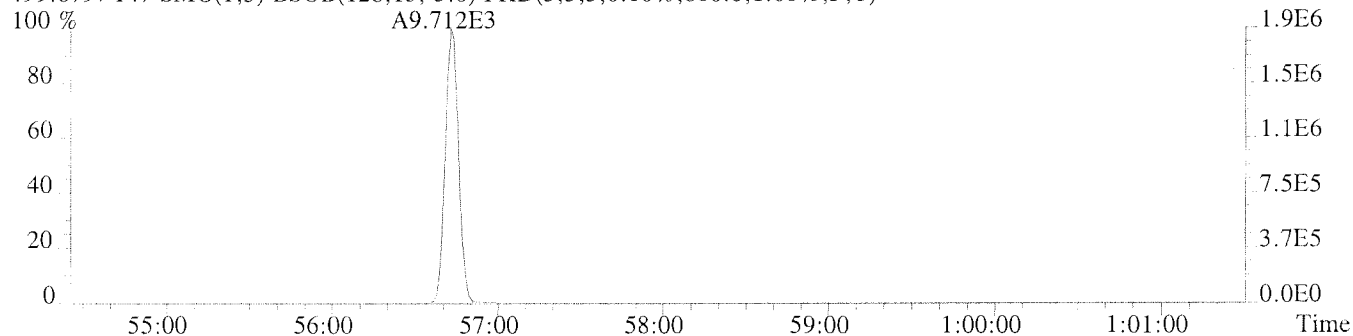


Sample#1 Exp:CCAL CS3

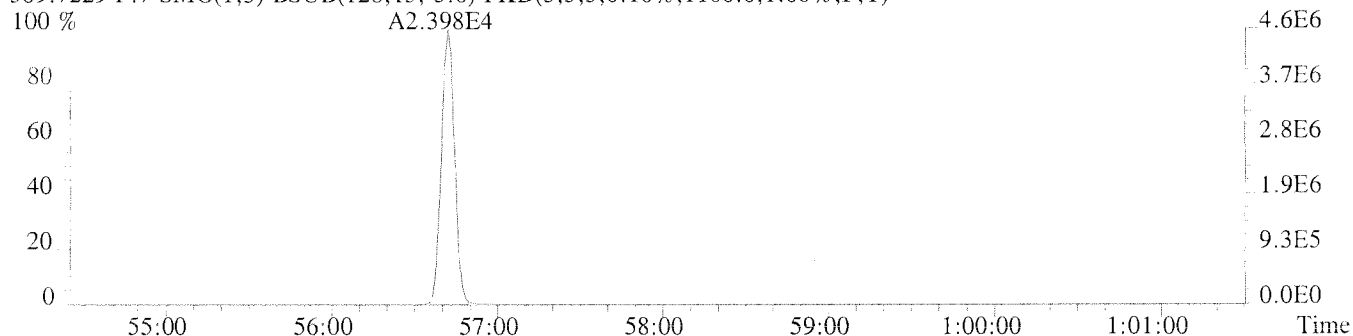
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,936.0,1.00%,F,T)



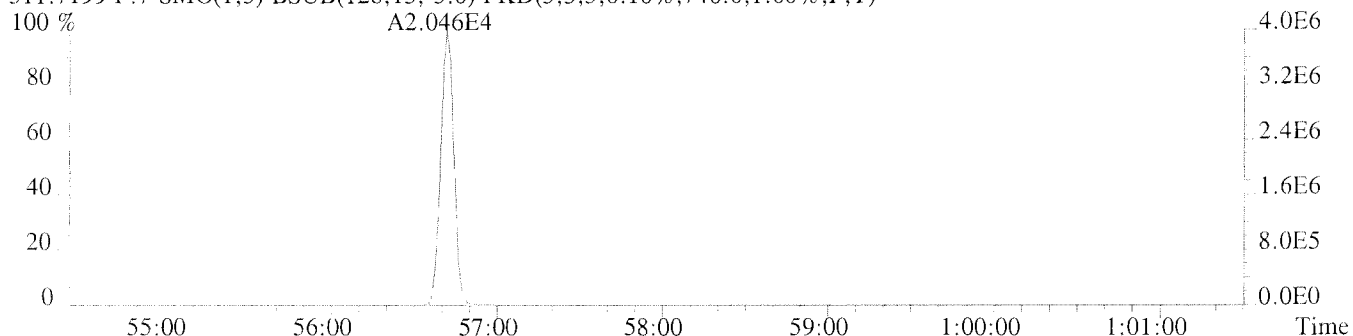
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,800.0,1.00%,F,T)



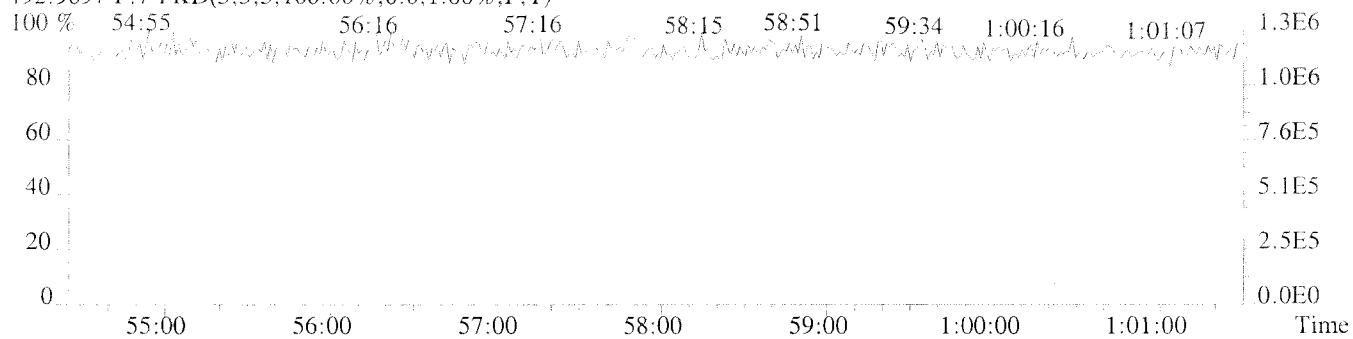
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1100.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,740.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



RW/CS3 Daily Calibration QC Checklist

Calibration File Name: U224758

Circle one

Beginning

Ending

Date: 01/15/11

Method: 1668 WHO 1668 Total 1668 (209) 1668 WHO & TOTAL

Date

01/17/11

First Reviewer

MC

Date

01/18/11

Second Reviewer

BY

5DFC
PCDD/PCDF ANALYTICAL SEQUENCE SUMMARY

Lab Name: Columbia Analytical Services

Contract:

Lab Code: TX01411

Case No.:

SDG No.:

GC Column: SPB-OCTYL

ID: 0.25 (mm)

Instrument ID: AutoSpec-Ultima

Init. Calib. Date: 10/19/09

Init. Calib. Times: 10:47

THE ANALYTICAL SEQUENCE OF STANDARDS, SAMPLES, BLANKS, AND LABORATORY CONTROL SAMPLES (LCSs) IS AS FOLLOWS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
CCAL CS3		U224758	15-JAN-11	11:28:59
DCCS-209	PCB 209 INJECT ₇	U224759	15-JAN-11	13:30:17
METHOD BLANK	EQ1100013-01	U224760	15-JAN-11	14:32:47
USEN-E/W-07-1	K1013433-009	U224761	15-JAN-11	15:40:58
USEN-E/W-08-1	K1013433-010	U224762	15-JAN-11	16:49:19
USEN-E/W-09-1	K1013433-011	U224763	15-JAN-11	17:57:32
USEN-E/W-10-1	K1013433-012	U224764	15-JAN-11	19:05:49
USEN-E/W-11-1	K1013433-013	U224765	15-JAN-11	20:14:10
USEN-RO-01-1	K1013433-014	U224766	15-JAN-11	21:22:25
USEN-RO-02-1	K1013433-015	U224767	15-JAN-11	22:30:36

Sample List Report

MassLynx 4.1



Sample List: C:\MassLynx\CASHOUSTON.PRO\SampleDB\E110115.SPL
 Last Modified: Saturday, January 15, 2011 13:30:10 Central Standard Time
 Printed: Monday, January 17, 2011 05:28:26 Central Standard Time

H: U224758RES/CAL

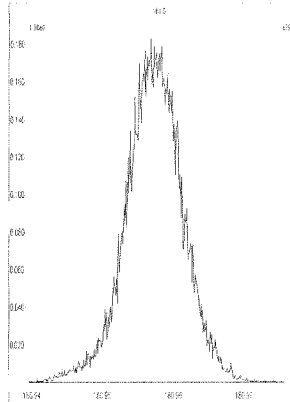
Date	Time	File Name	Sample ID	Client ID	Analyst	Comments	GC Met	Acq Met
01/15/11	11:28	U224758	CCAL CS3	B2-26-1	---	---	1668EPA	1668EPA
13:30	13:30	U224759	PCB 209 INJECTION	B2-31-3	---	HOME CHECK 11:25	1668EPA	1668EPA
14:32	14:32	U224760	EQ1100013-01	MB	---	HOME CHECK 13:27	1668EPA	1668EPA
15:40	15:40	U224761	K1013433-009	USEN-E/W-07-1	---	---	1668EPA	1668EPA
16:49	16:49	U224762	K1013433-010	USEN-E/W-08-1	---	---	1668EPA	1668EPA
17:57	17:57	U224763	K1013433-011	USEN-E/W-09-1	---	---	1668EPA	1668EPA
19:05	19:05	U224764	K1013433-012	USEN-E/W-10-1	---	---	1668EPA	1668EPA
20:14	20:14	U224765	K1013433-013	USEN-E/W-11-1	---	---	1668EPA	1668EPA
21:22	21:22	U224766	K1013433-014	USEN-RO-01-1	---	---	1668EPA	1668EPA
22:30	22:30	U224767	K1013433-015	USEN-RO-02-1	---	HOME CHECK 23:50	1668EPA	1668EPA
---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	8290cas	8290CAS
---	---	---	---	---	---	---	8290cas	8290CAS
---	---	---	---	---	---	---	1668EPA	1668EPA
---	---	---	---	---	---	---	1668EPA	1668EPA
---	---	---	---	---	---	---	8290cas	8290CAS
---	---	---	---	---	---	---	8290cas	8290CAS
---	---	---	---	---	---	---	8290cas	8290CAS
---	---	---	---	---	---	---	8290cas	8290CAS
---	---	---	---	---	---	---	8290cas	8290CAS
---	---	---	---	---	---	---	8290cas	8290CAS
---	---	---	---	---	---	---	8290cas	8290CAS
---	---	---	---	---	---	---	8290cas	8290CAS
---	---	---	---	---	---	---	8290cas	8290CAS
---	---	---	---	---	---	---	8290cas	8290CAS
---	---	---	---	---	---	---	8290cas	8290CAS
---	---	---	---	---	---	---	8290cas	8290CAS

Reviewed By: MC

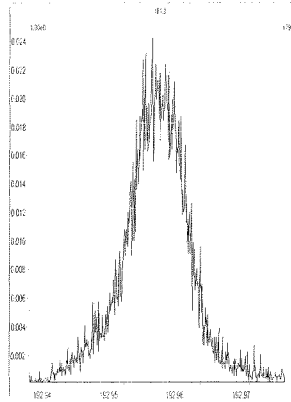
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Saturday, January 15, 2011 11:25:09 Central Standard Time

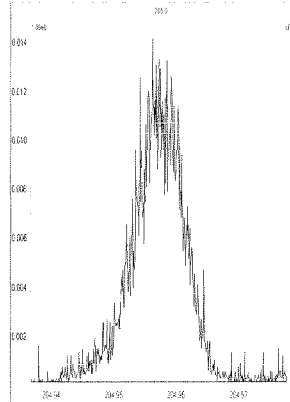
M 180.9888 R 9727



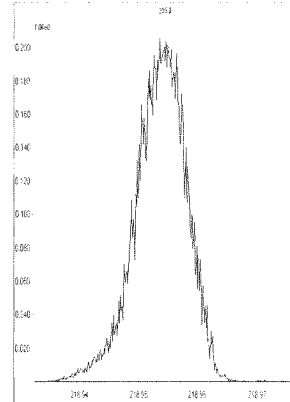
M 192.9888 R 8621



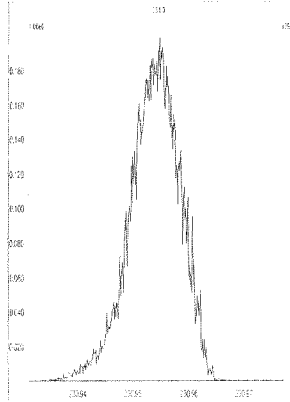
M 204.9888 R 10820



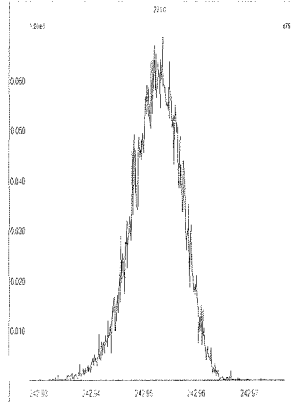
M 218.9856 R 10592



M 230.9856 R 11062



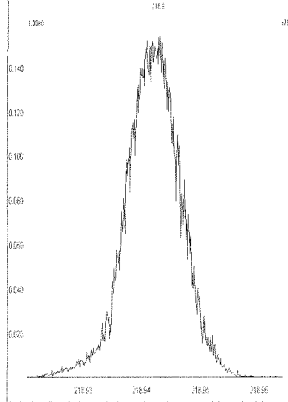
M 242.9856 R 11212



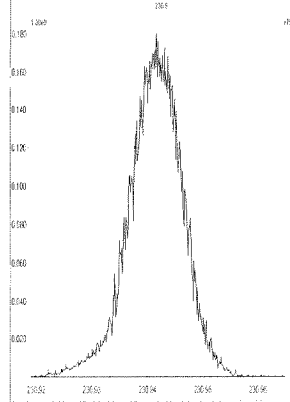
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Saturday, January 15, 2011 11:25:40 Central Standard Time

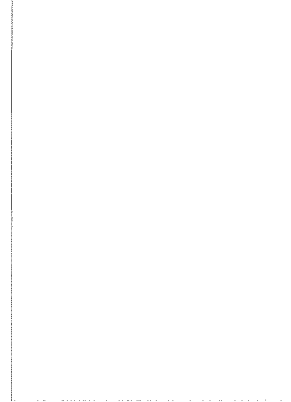
M 218.9856 R 10206



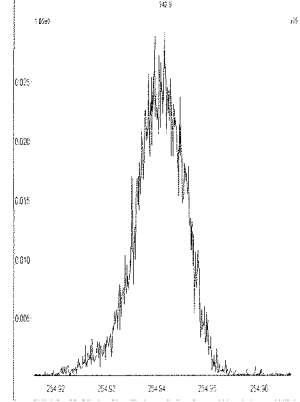
M 230.9856 R 9920



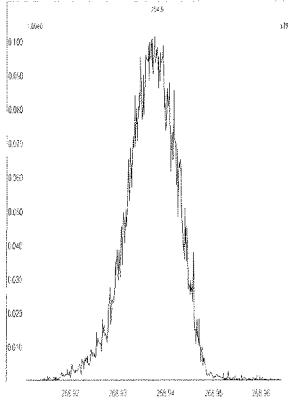
M 242.9856 R 10371



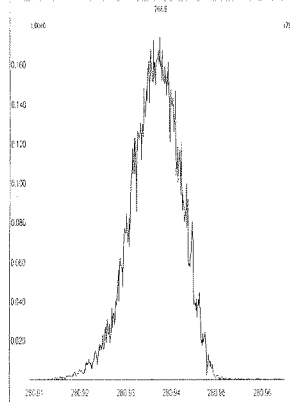
M 254.9856 R 11572



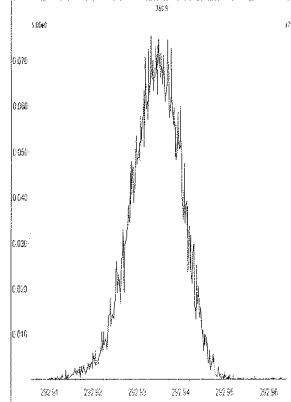
M 268.9824 R 11107



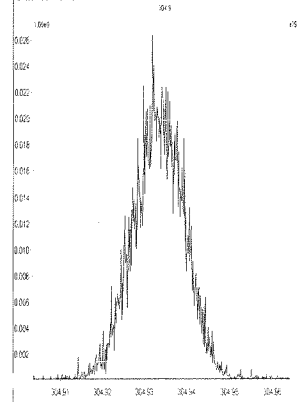
M 280.9824 R 11737



M 292.9824 R 11259



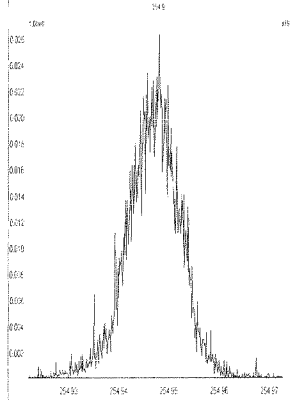
M 304.9824 R 11739



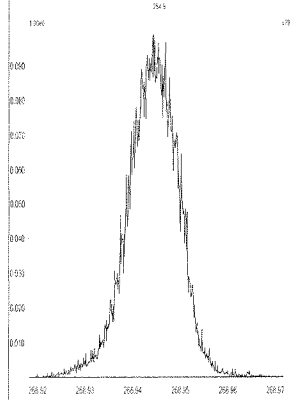
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Saturday, January 15, 2011 11:26:01 Central Standard Time

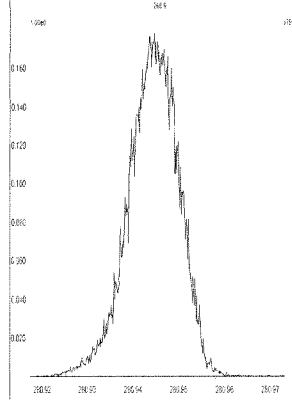
M 254.9856 R 10871



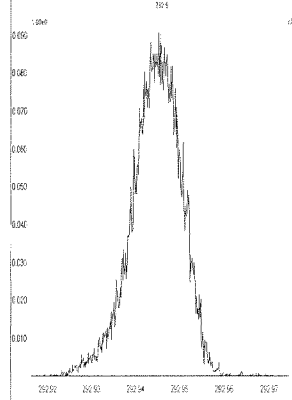
M 268.9824 R 11157



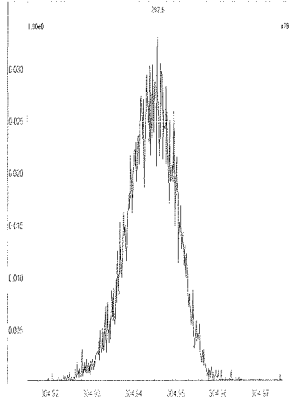
M 280.9824 R 11161



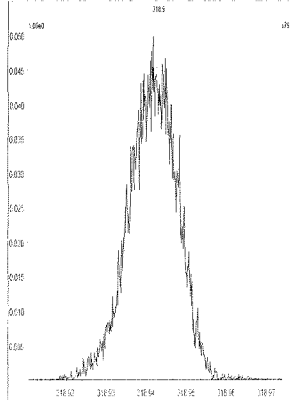
M 292.9824 R 11466



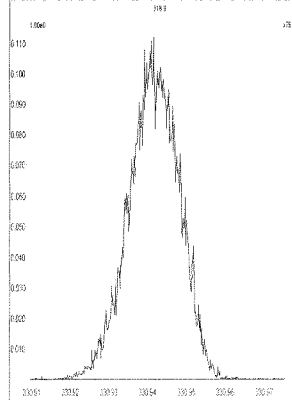
M 304.9824 R 11064



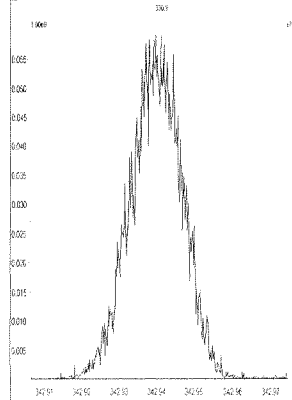
M 318.9792 R 11364



M 330.9792 R 11159



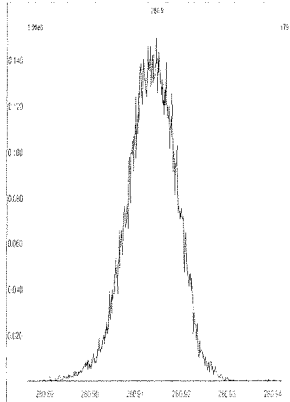
M 342.9792 R 11258



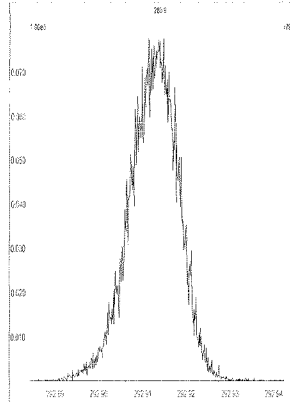
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Saturday, January 15, 2011 11:26:24 Central Standard Time

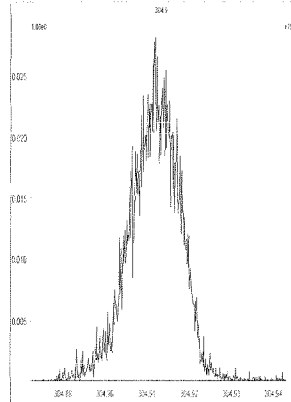
M 280.9824 R 11520



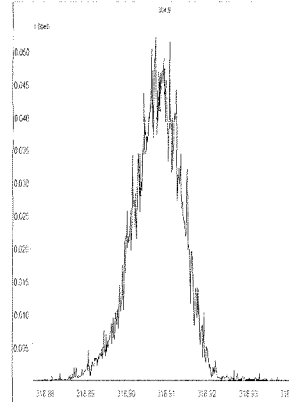
M 292.9824 R 11413



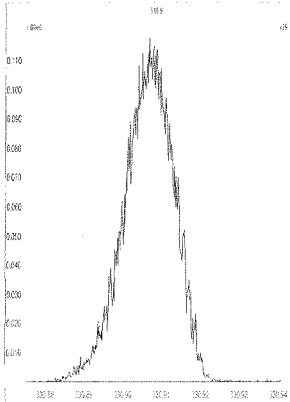
M 304.9824 R 11623



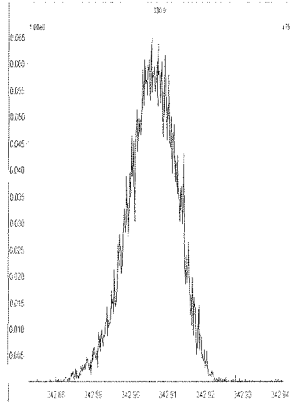
M 318.9792 R 11013



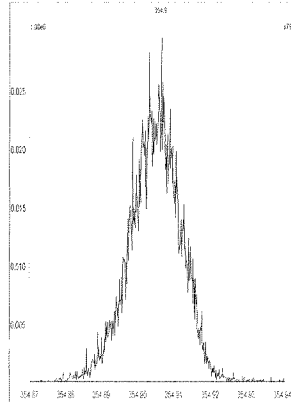
M 330.9792 R 10920



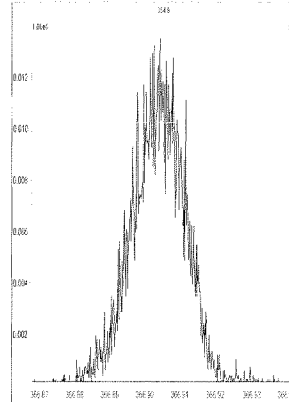
M 342.9792 R 11364



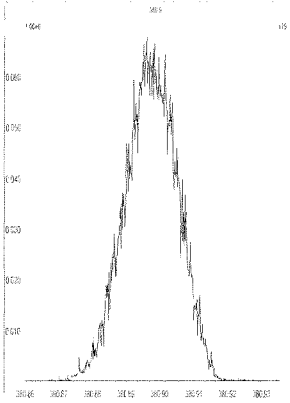
M 354.9792 R 10637



M 366.9792 R 11523



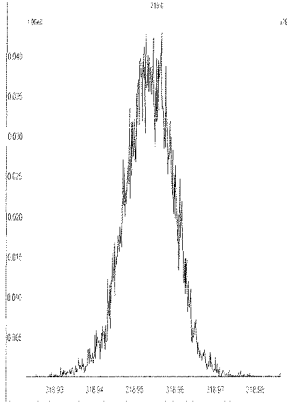
M 380.9760 R 10918



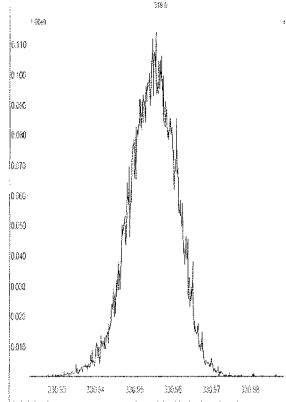
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Saturday, January 15, 2011 11:26:48 Central Standard Time

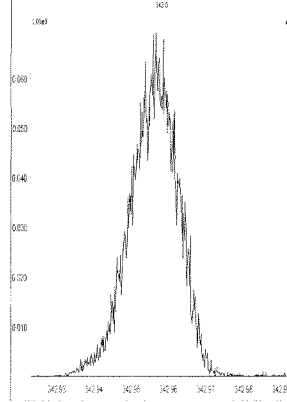
M 318.9792 R 11411



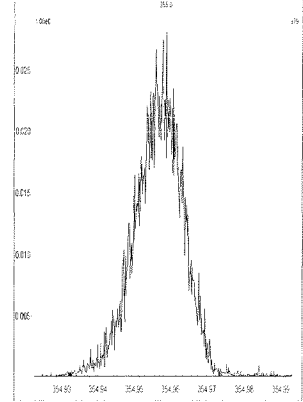
M 330.9792 R 12314



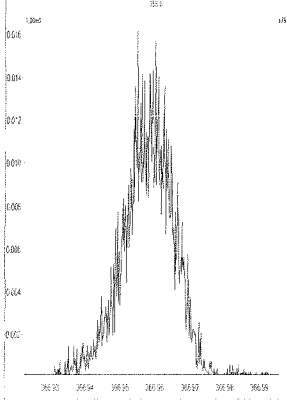
M 342.9792 R 11790



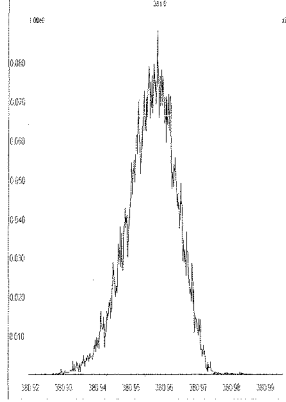
M 354.9792 R 12131



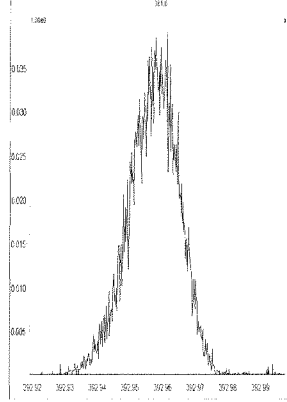
M 366.9792 R 11110



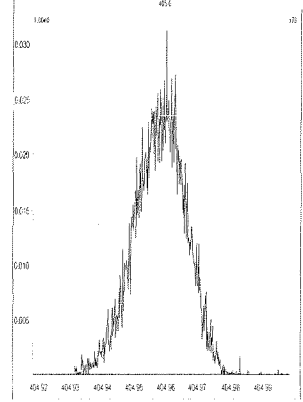
M 380.9760 R 10963



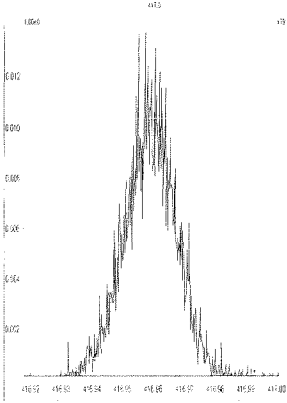
M 392.9760 R 11063



M 404.9760 R 11012



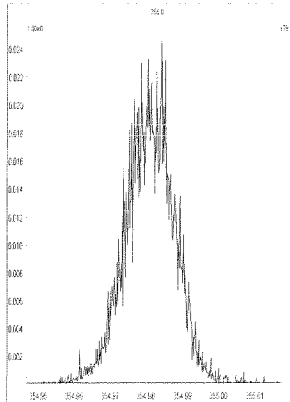
M 416.9760 R 10871



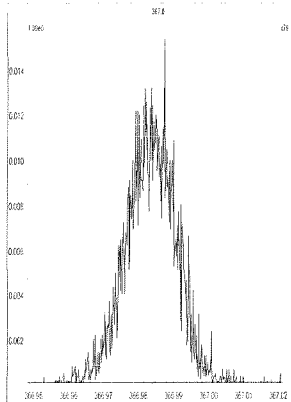
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 6 @ 200 (ppm)

Printed: Saturday, January 15, 2011 11:27:16 Central Standard Time

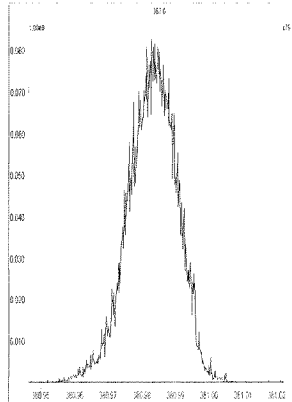
M 354.9792 R 11157



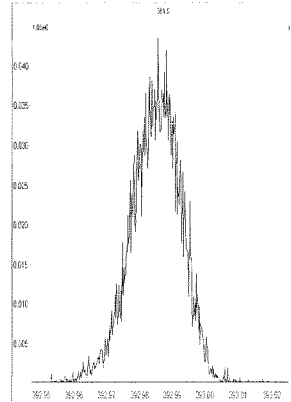
M 366.9792 R 12190



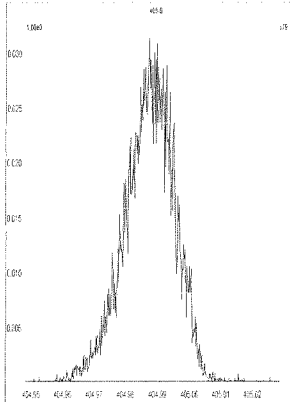
M 380.9760 R 11362



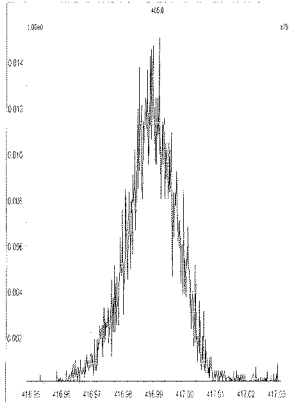
M 392.9760 R 11309



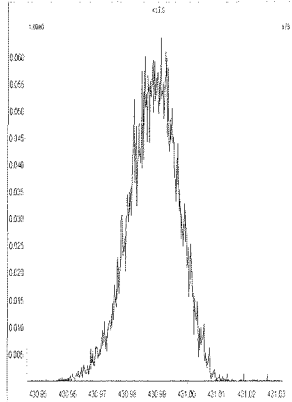
M 404.9760 R 11574



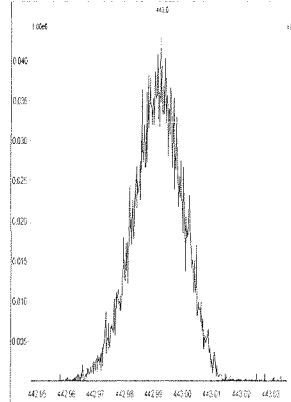
M 416.9760 R 11466



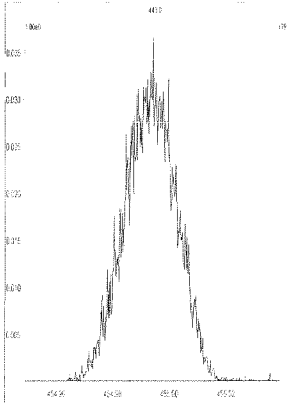
M 430.9728 R 11109



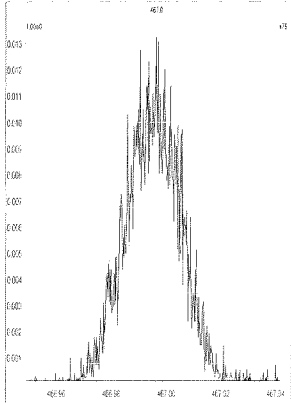
M 442.9728 R 11574



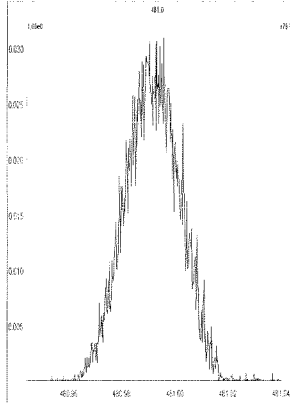
M 454.9728 R 10778



M 466.9728 R 11522



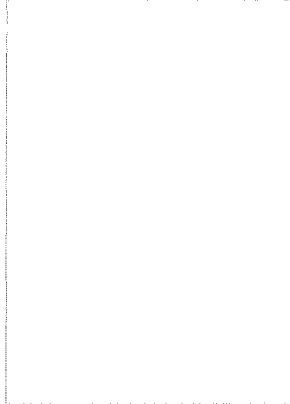
M 480.9696 R 10122



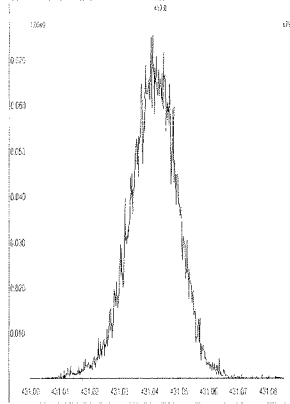
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 7 @ 200 (ppm)

Printed: Saturday, January 15, 2011 11:27:41 Central Standard Time

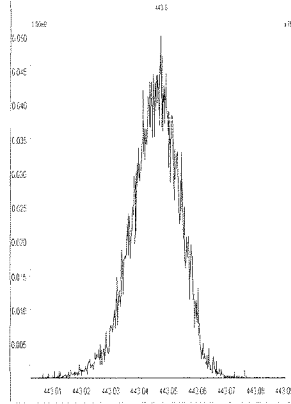
M 416.9760 R 12887



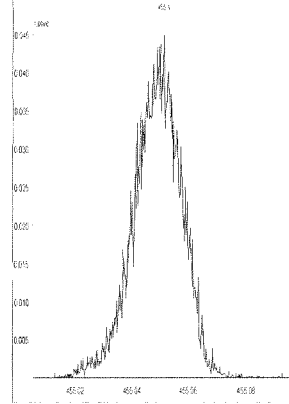
M 430.9728 R 11573



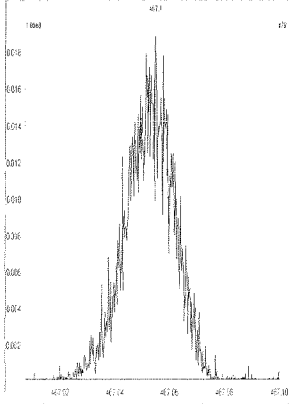
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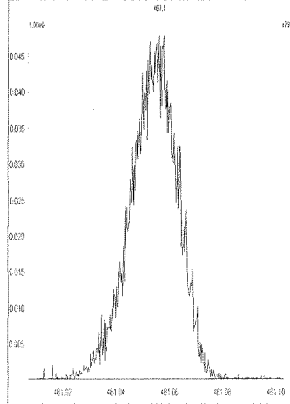
M 454.9728 R 12078



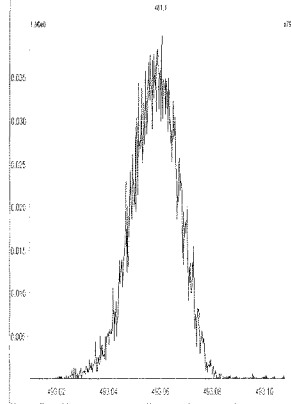
M 466.9728 R 12076



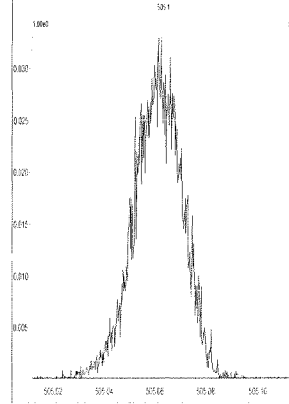
M 480.9696 R 11365



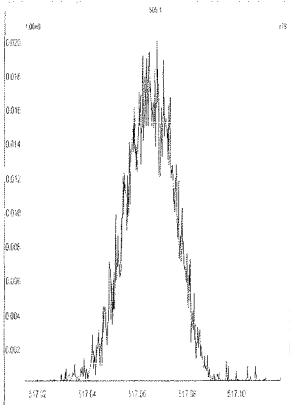
M 492.9696 R 11849



M 504.9696 R 12254



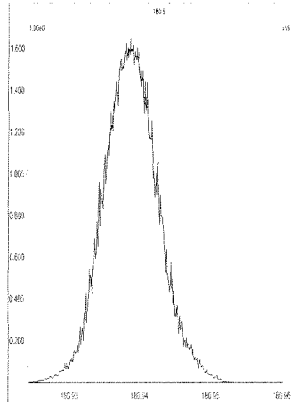
M 516.9697 R 11516



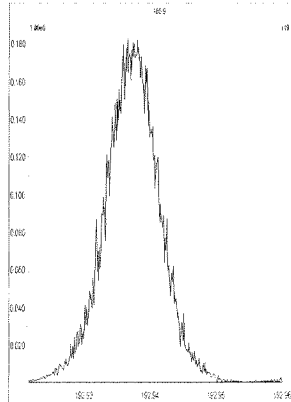
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Saturday, January 15, 2011 13:27:10 Central Standard Time

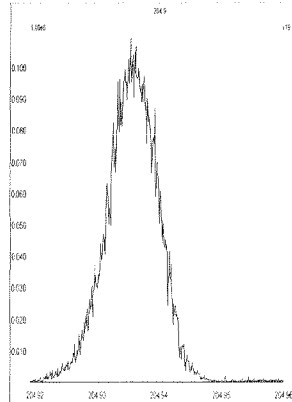
M 180.9888 R 9883



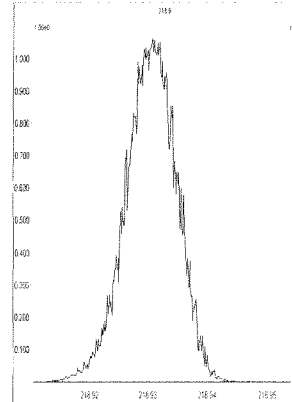
M 192.9888 R 9578



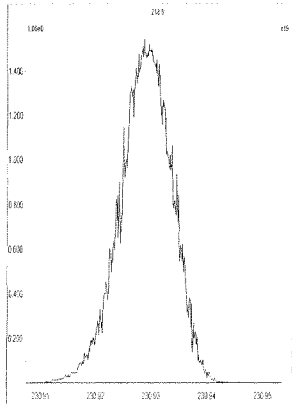
M 204.9888 R 10961



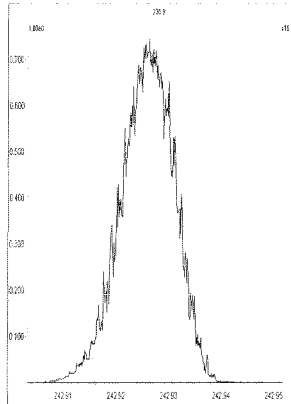
M 218.9856 R 11109



M 230.9856 R 10206



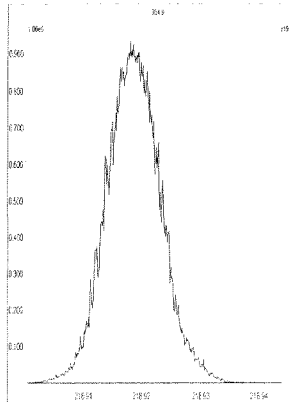
M 242.9856 R 10288



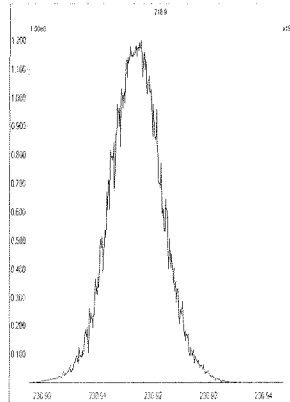
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Saturday, January 15, 2011 13:27:25 Central Standard Time

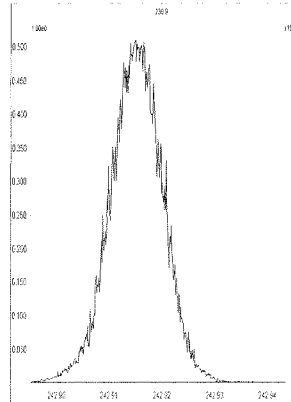
M 218.9856 R 10041



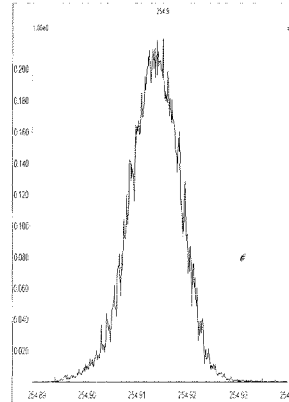
M 230.9856 R 10244



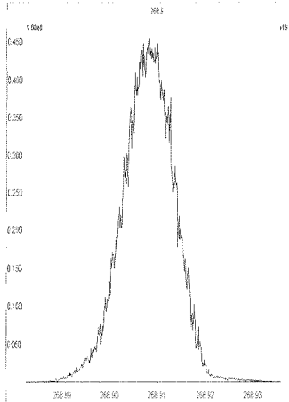
M 242.9856 R 10460



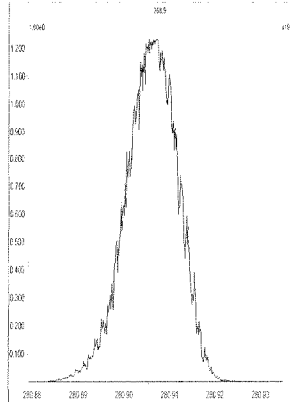
M 254.9856 R 10504



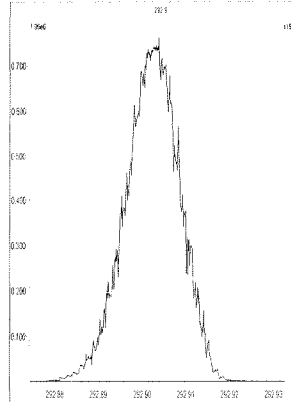
M 268.9824 R 10824



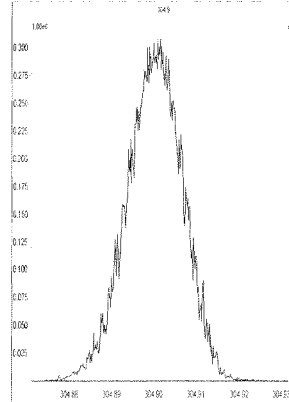
M 280.9824 R 10592



M 292.9824 R 10083



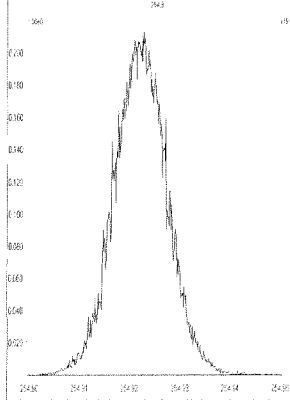
M 304.9824 R 9766



File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Saturday, January 15, 2011 13:27:42 Central Standard Time

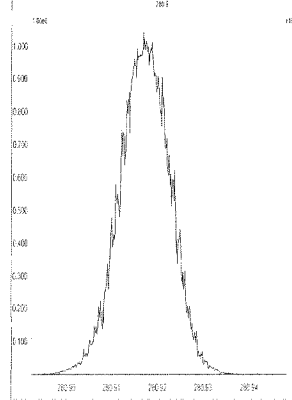
M 254.9856 R 10243



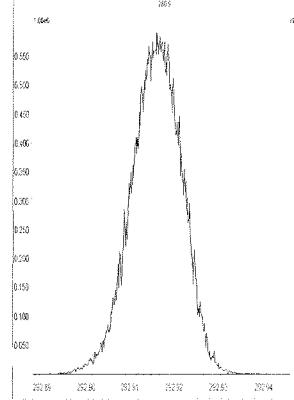
M 268.9824 R 10640



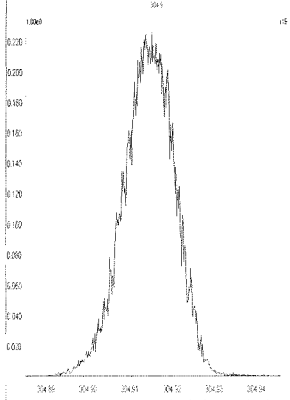
M 280.9824 R 10917



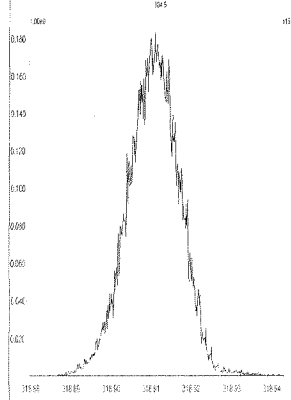
M 292.9824 R 11109



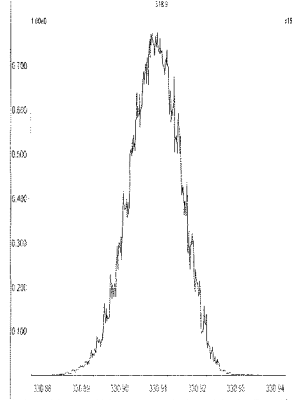
M 304.9824 R 10777



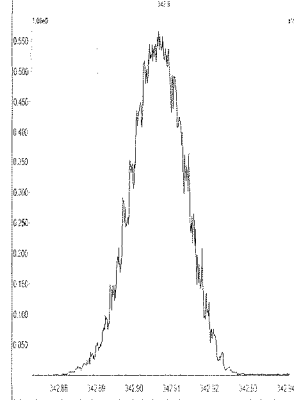
M 318.9792 R 10775



M 330.9792 R 10458



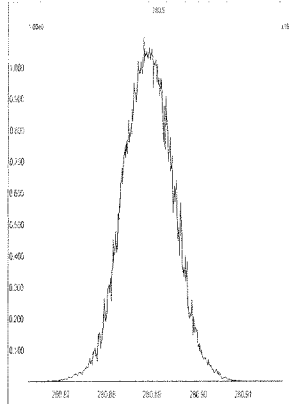
M 342.9792 R 10549



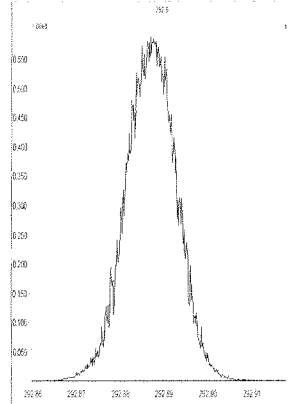
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Saturday, January 15, 2011 13:28:01 Central Standard Time

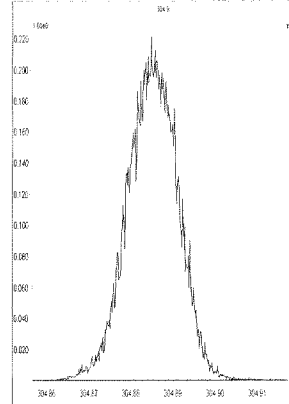
M 280.9824 R 10728



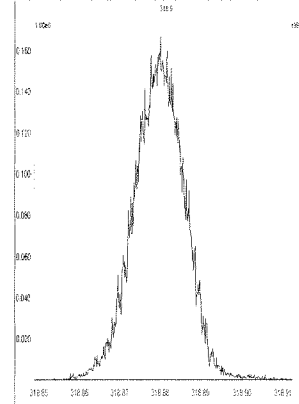
M 292.9824 R 10967



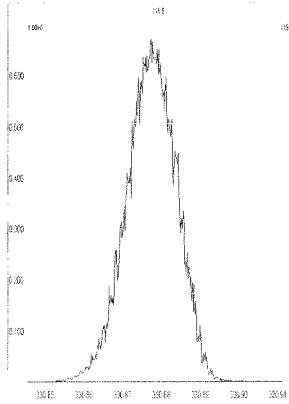
M 304.9824 R 11062



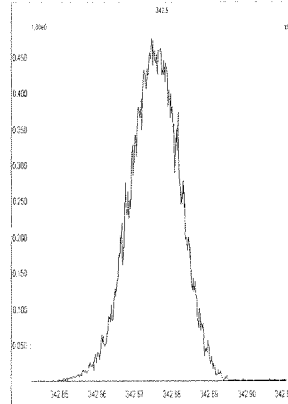
M 318.9792 R 11796



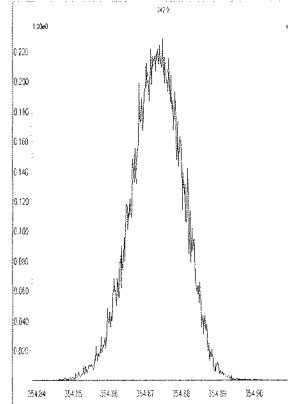
M 330.9792 R 10962



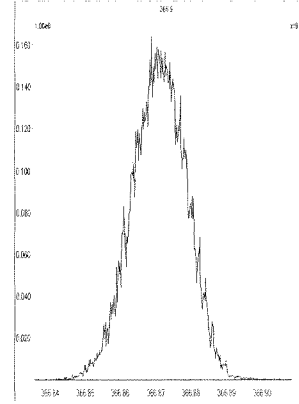
M 342.9792 R 10776



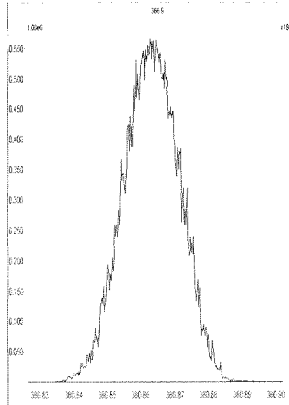
M 354.9792 R 10732



M 366.9792 R 10243



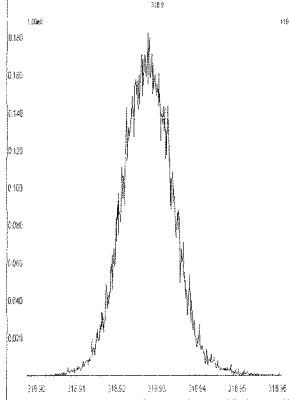
M 380.9760 R 9960



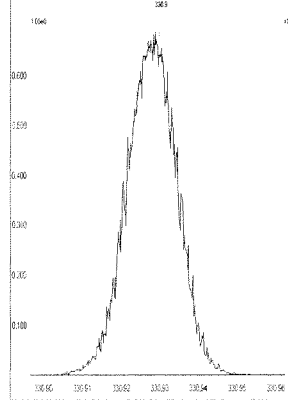
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Printed: Saturday, January 15, 2011 13:28:20 Central Standard Time

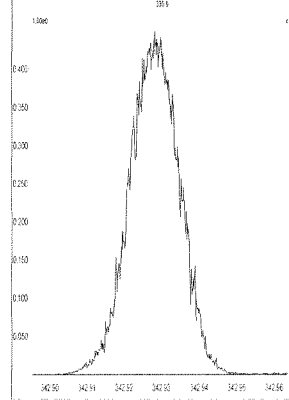
M 318.9792 R 11206



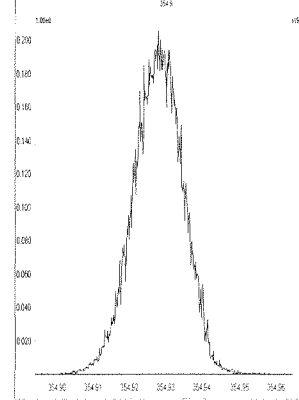
M 330.9792 R 11311



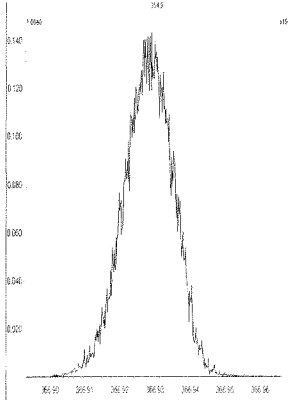
M 342.9792 R 11162



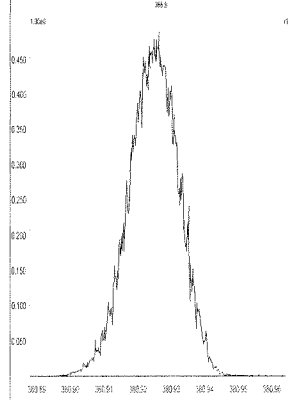
M 354.9792 R 11261



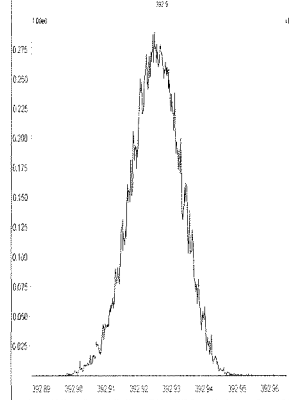
M 366.9792 R 10915



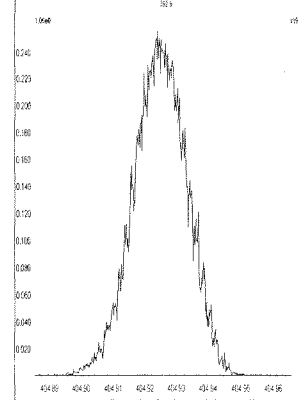
M 380.9760 R 11208



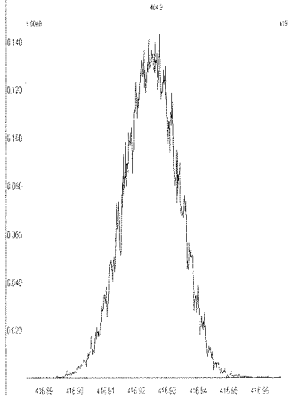
M 392.9760 R 10638



M 404.9760 R 10503



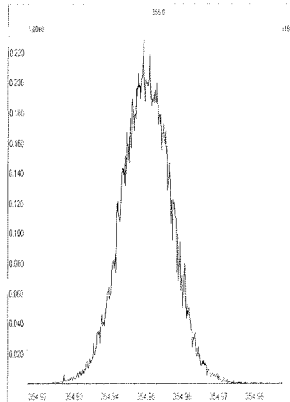
M 416.9760 R 10122



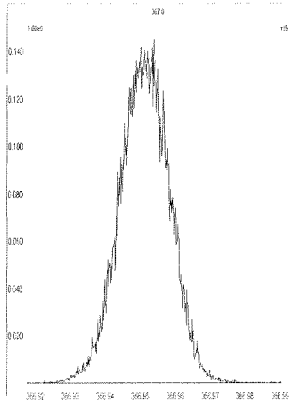
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 6 @ 200 (ppm)

Printed: Saturday, January 15, 2011 13:28:42 Central Standard Time

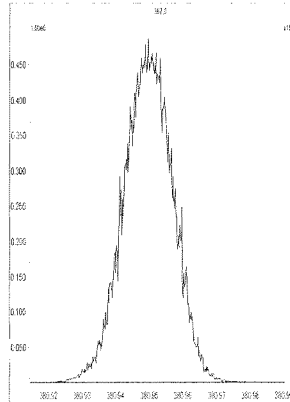
M 354.9792 R 10634



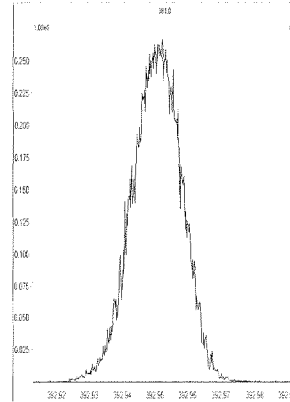
M 366.9792 R 11311



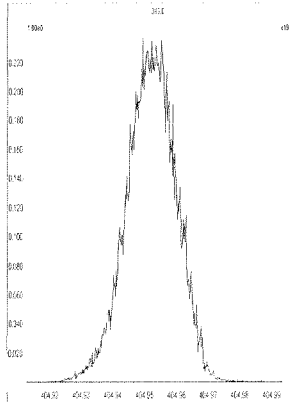
M 380.9760 R 11466



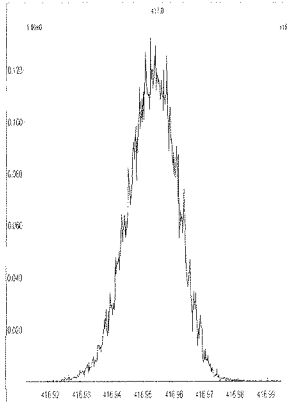
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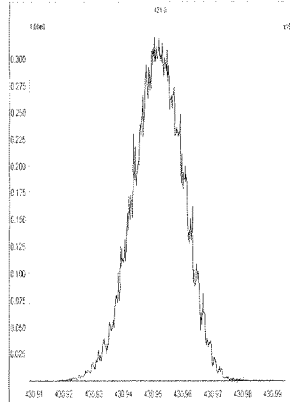
M 404.9760 R 11681



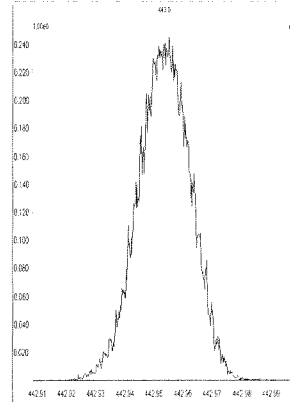
M 416.9760 R 11015



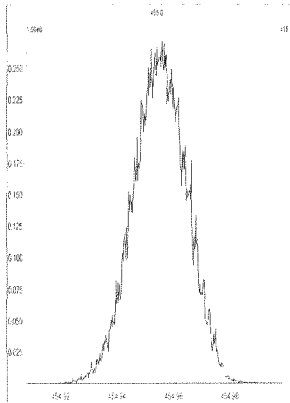
M 430.9728 R 11063



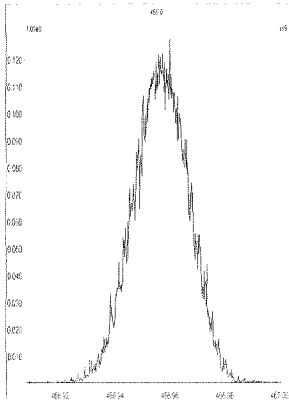
M 442.9728 R 10416



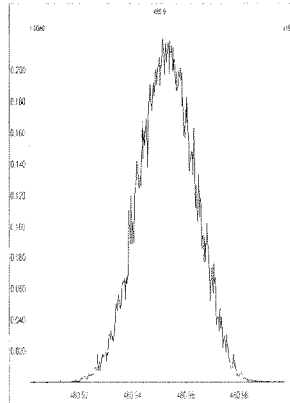
M 454.9728 R 10079



M 466.9728 R 10246



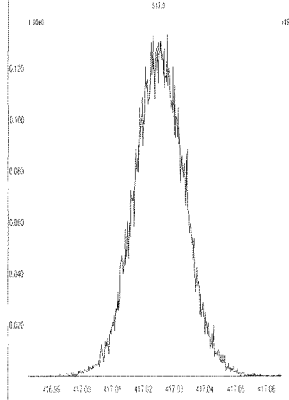
M 480.9696 R 9842



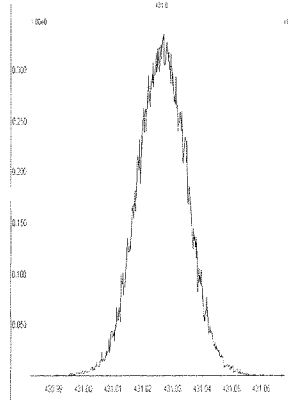
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 7 @ 200 (ppm)

Printed: Saturday, January 15, 2011 13:29:02 Central Standard Time

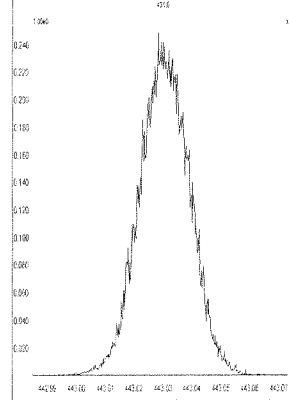
M 416.9760 R 11111



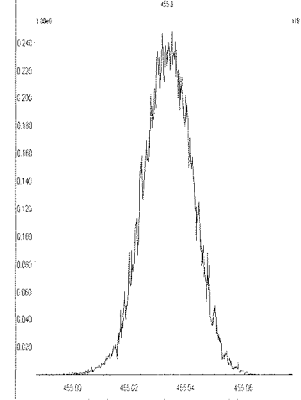
M 430.9728 R 10778



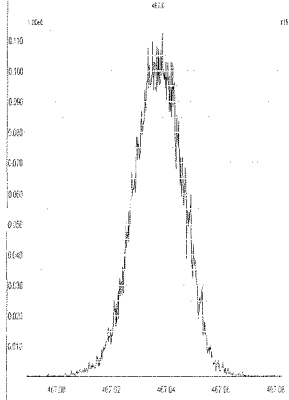
M 442.9728 R 11011



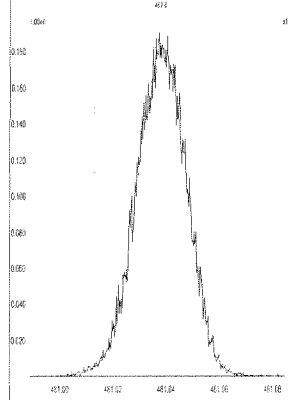
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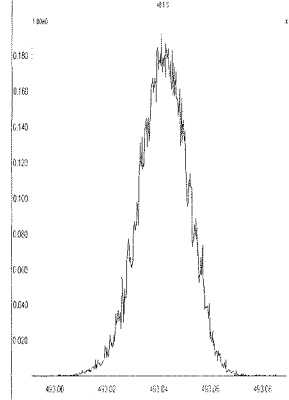
M 466.9728 R 11366



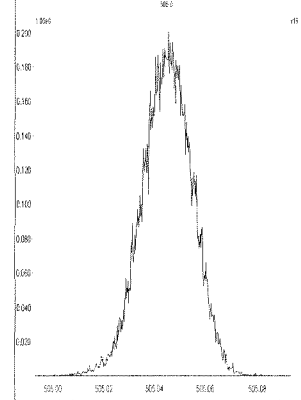
M 480.9696 R 11011



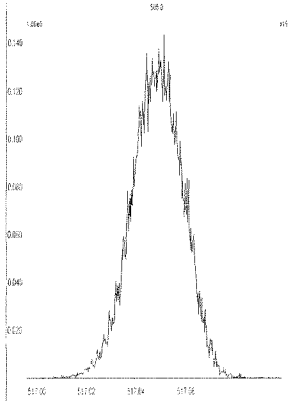
M 492.9696 R 11211



M 504.9696 R 11012

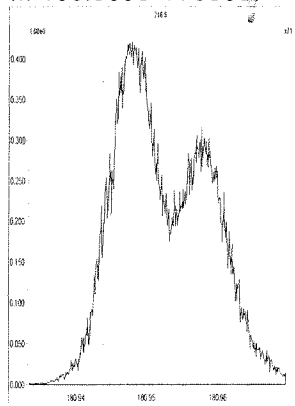


M 516.9697 R 10824

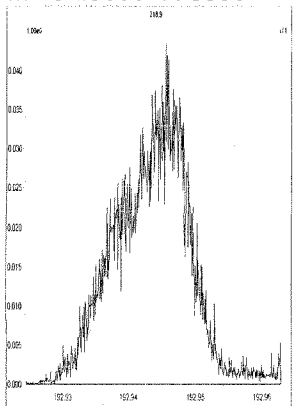


Printed: Saturday, January 15, 2011 23:50:59 Central Standard Time

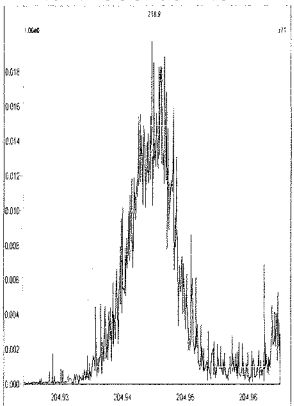
M 180.9888 R 5980



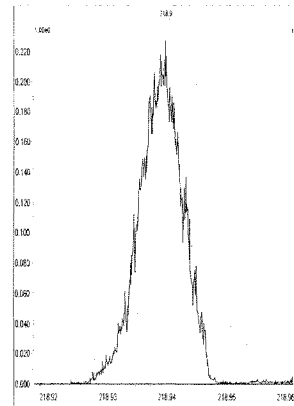
M 192.9888 R 8695



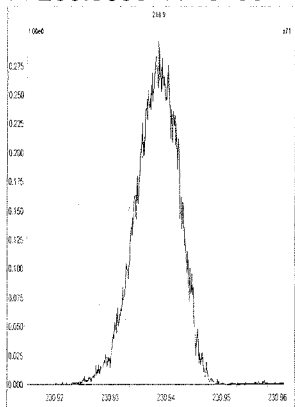
M 204.9888 R 12836



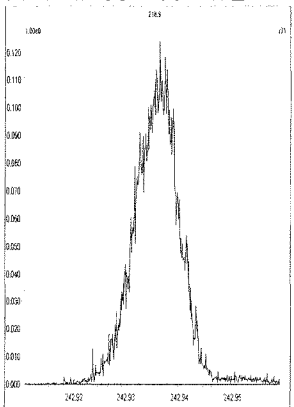
M 218.9856 R 12376



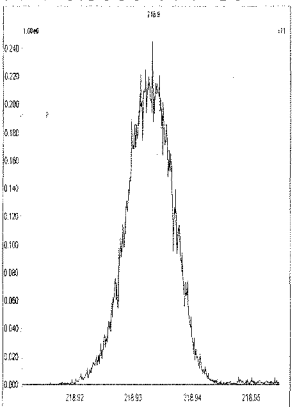
M 230.9856 R 13155



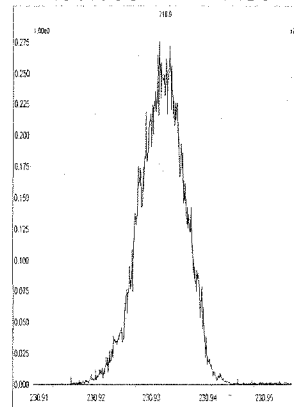
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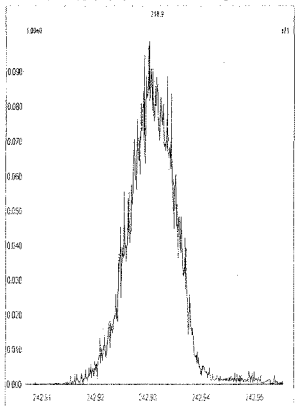
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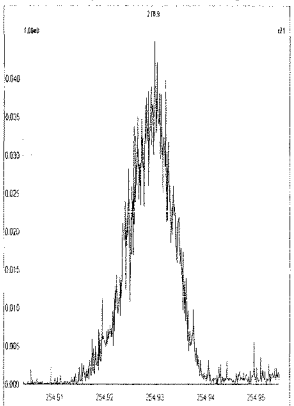
M 230.9856 R 12288



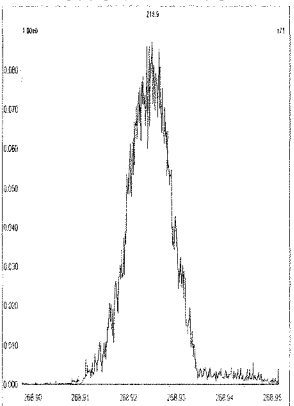
M 242.9856 R 12863



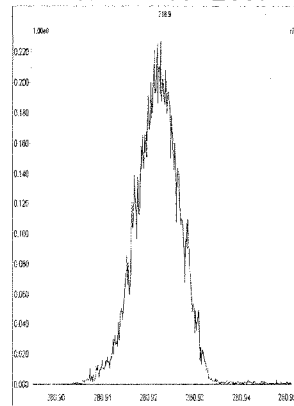
M 254.9856 R 12284



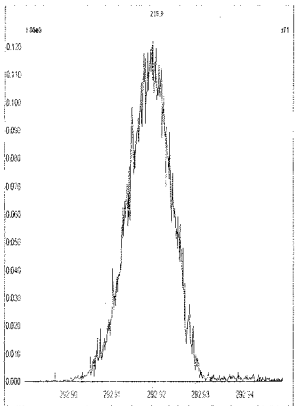
M 268.9824 R 13586



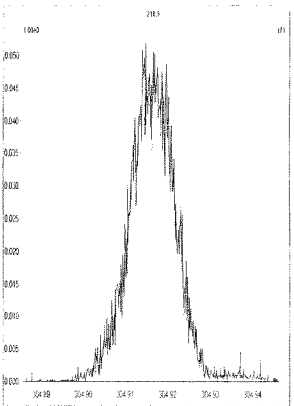
M 280.9824 R 12887



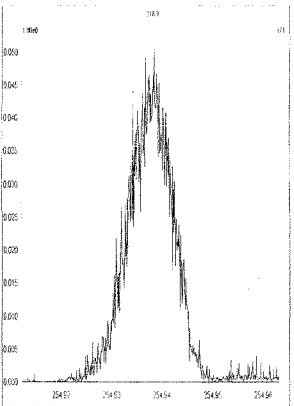
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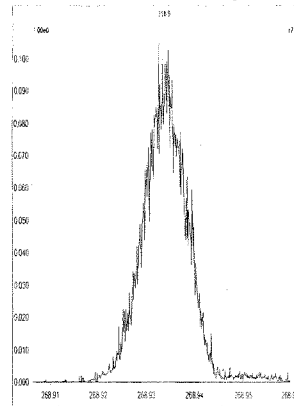
M 304.9824 R 13227



M 254.9856 R 13026

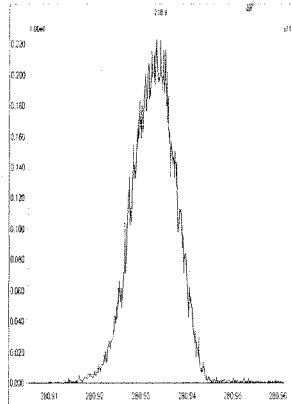


M 268.9824 R 12836

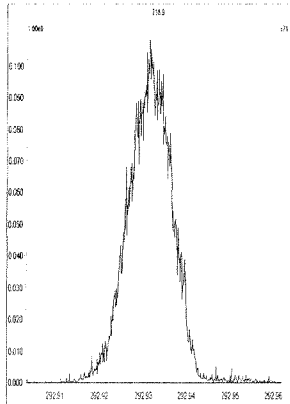


Printed: Saturday, January 15, 2011 23:50:59 Central Standard Time

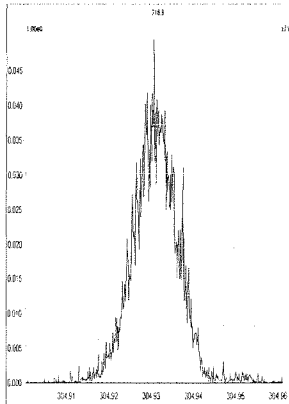
M 280.9824 R 12987



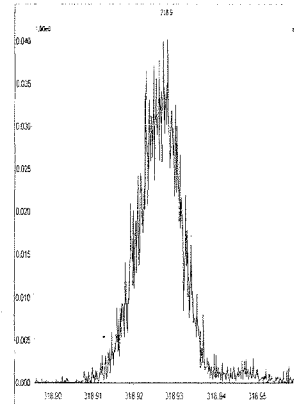
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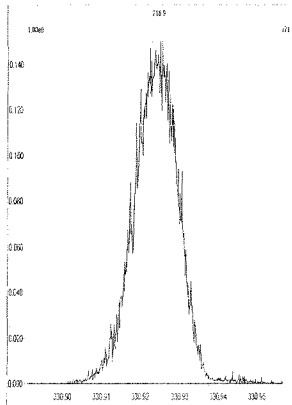
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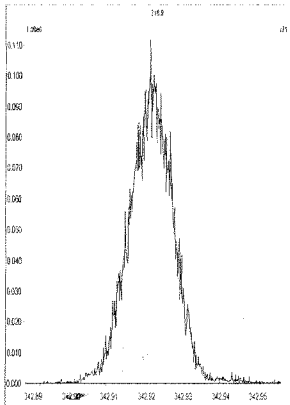
M 318.9792 R 13888



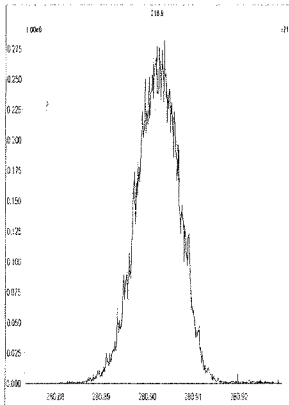
M 330.9792 R 12956



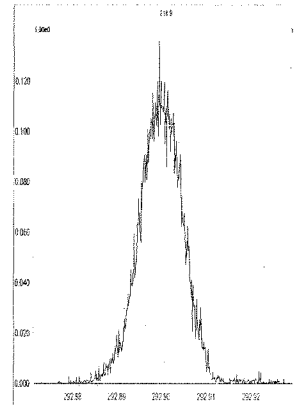
M 342.9792 R 13484



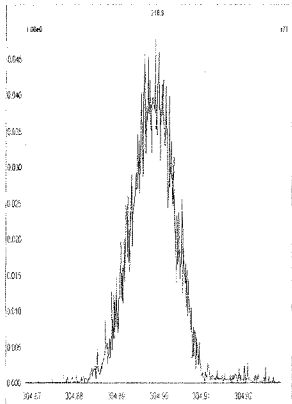
M 280.9824 R 13088



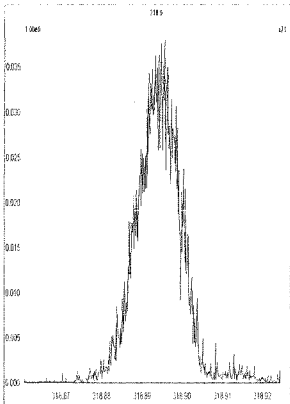
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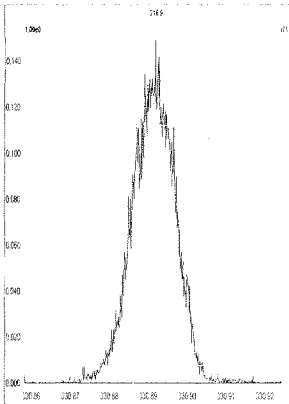
M 304.9824 R 13122



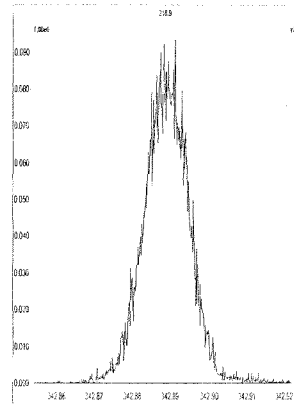
M 318.9792 R 14865



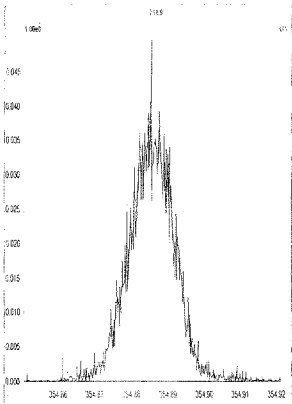
M 330.9792 R 13337



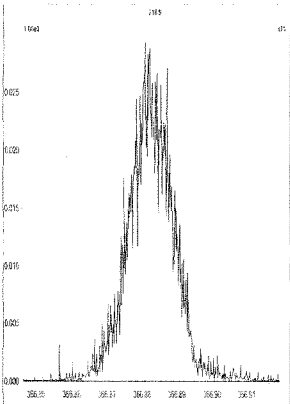
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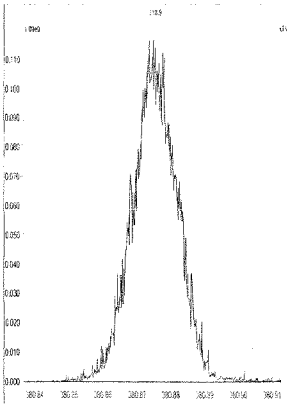
M 354.9792 R 13566



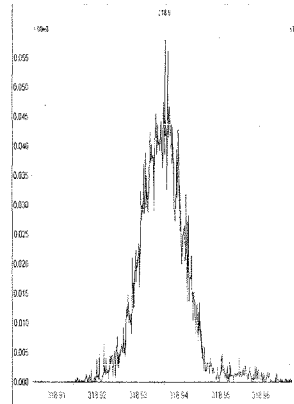
M 366.9792 R 13928



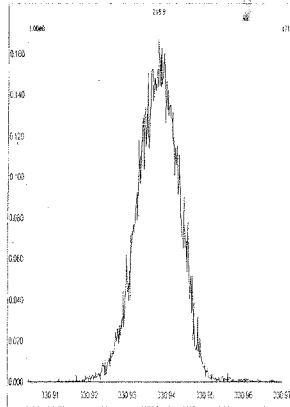
M 380.9760 R 13056



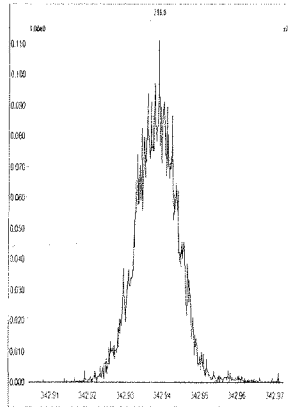
M 318.9792 R 14513



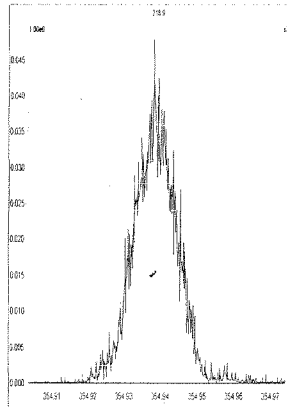
M 330.9792 R 14086



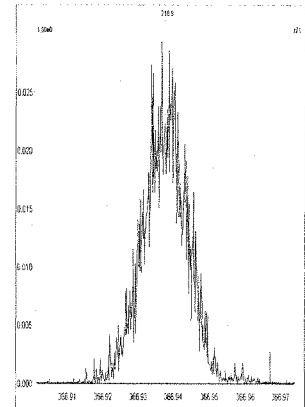
M 342.9792 R 13516



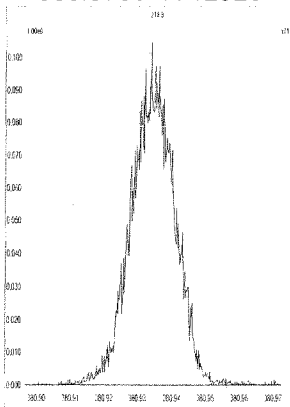
M 354.9792 R 14536



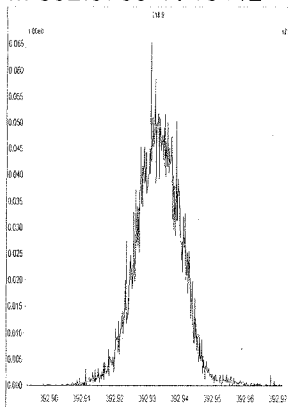
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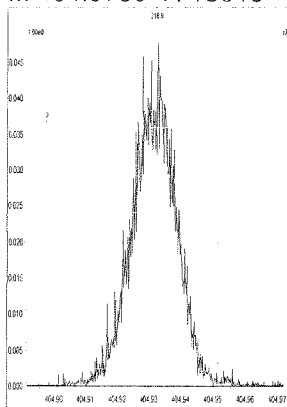
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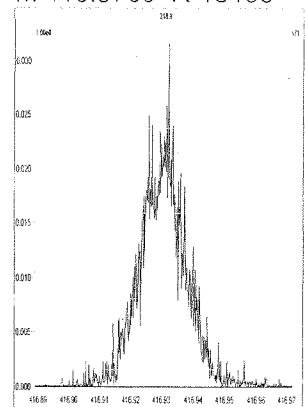
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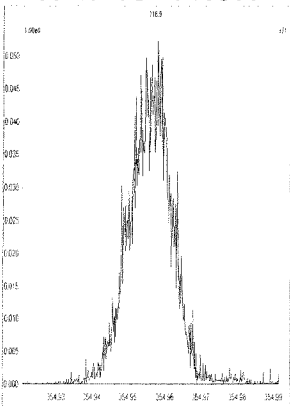
M 404.9760 R 13818



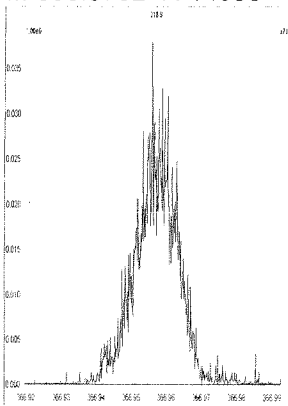
M 416.9760 R 13498



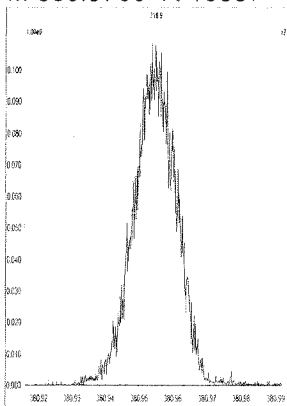
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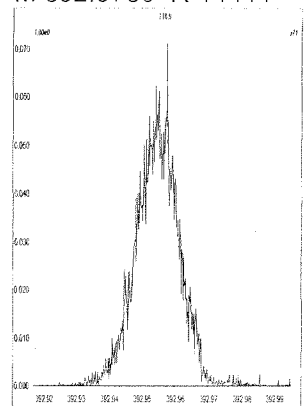
M 366.9792 R 14088



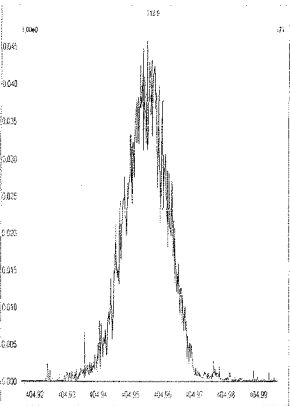
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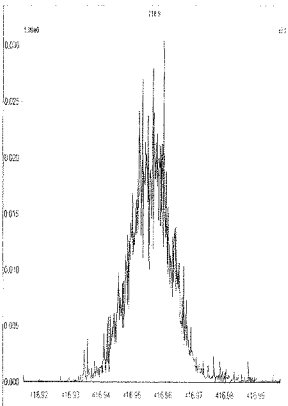
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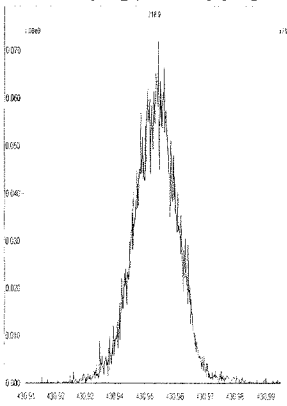
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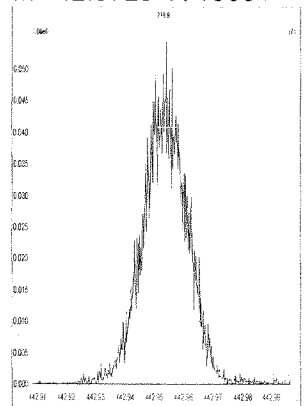
M 416.9760 R 14880



M 430.9728 R 13383

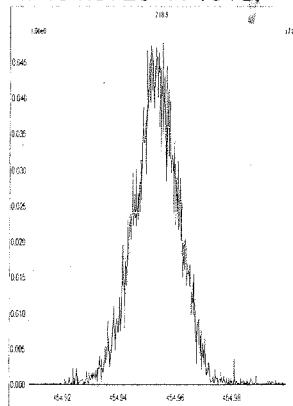


M 442.9728 R 13054

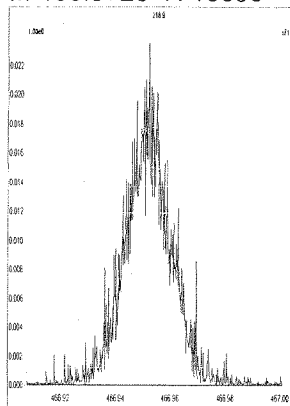


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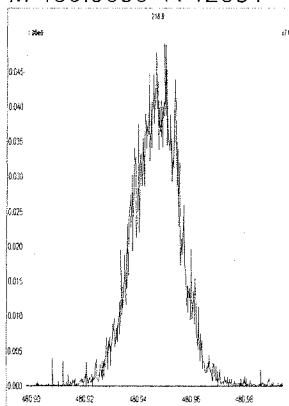
M 454.9728 R 13157



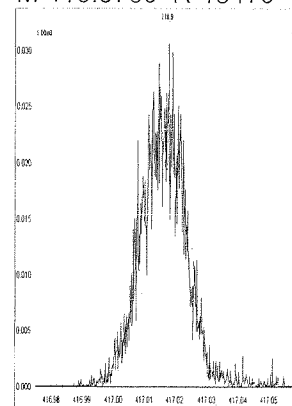
M 466.9728 R 13895



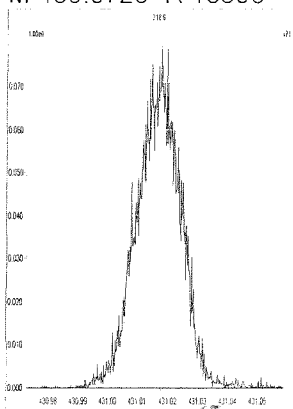
M 480.9696 R 12351



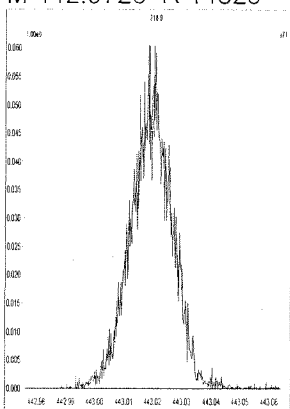
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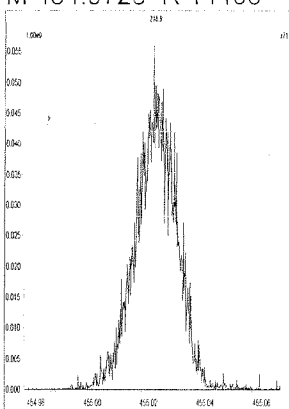
M 430.9728 R 13596



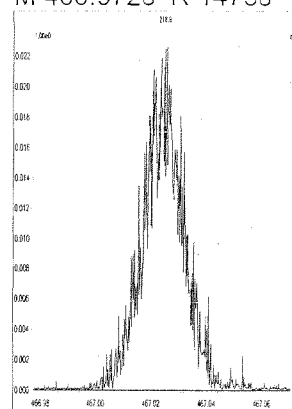
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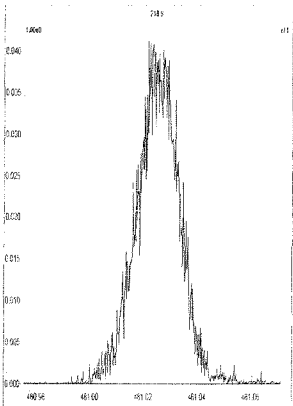
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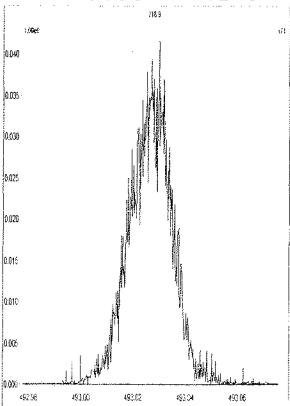
M 466.9728 R 14738



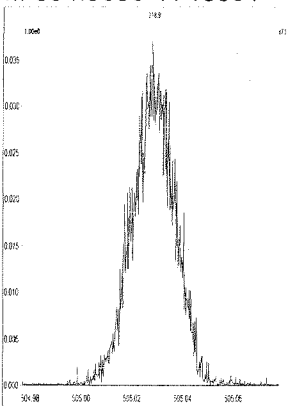
M 480.9696 R 14538



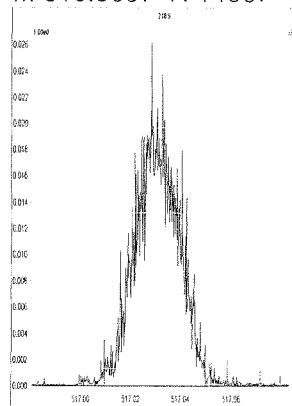
M 492.9696 R 14270



M 504.9696 R 13851



M 516.9697 R 14367



DCCS2091

METHOD 1668A
DILUTED COMBINED 209 CONGENER SOLUTION (DCCS-209)

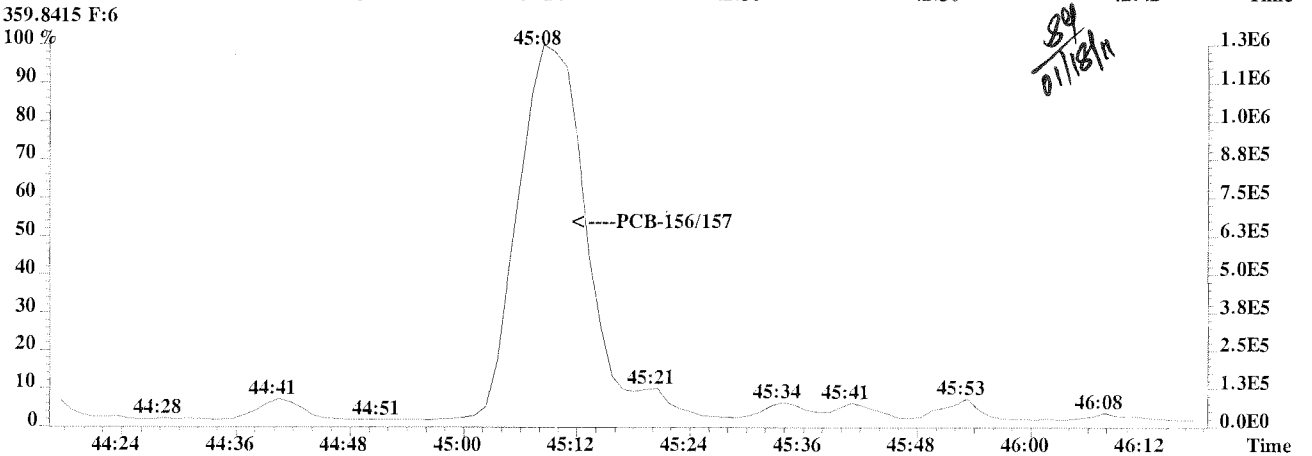
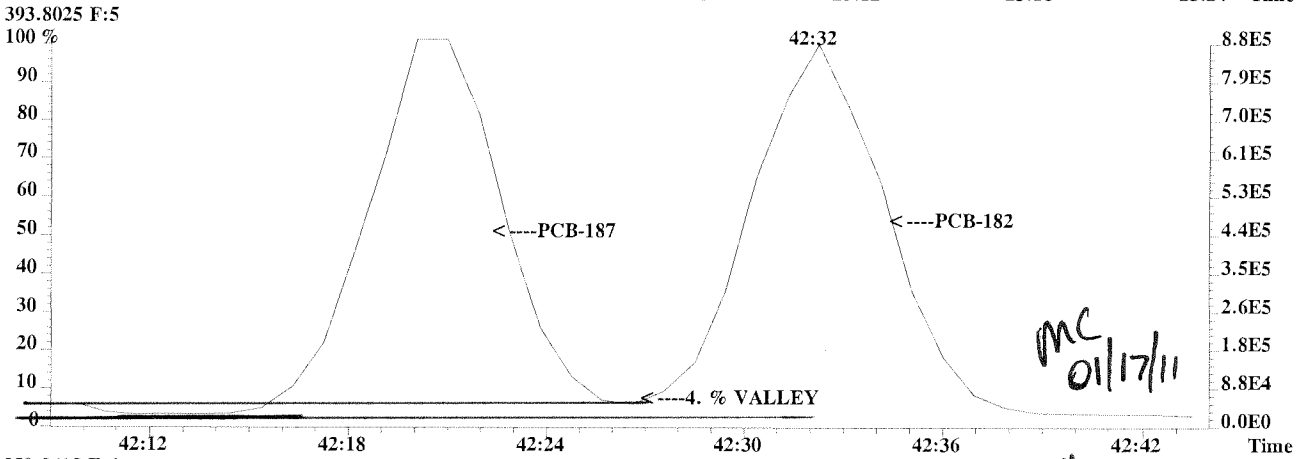
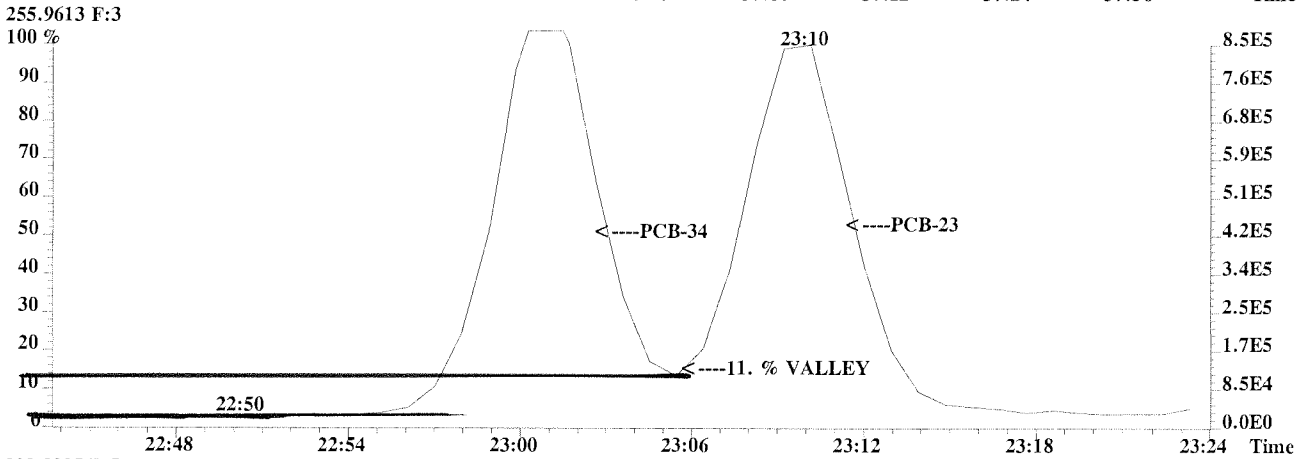
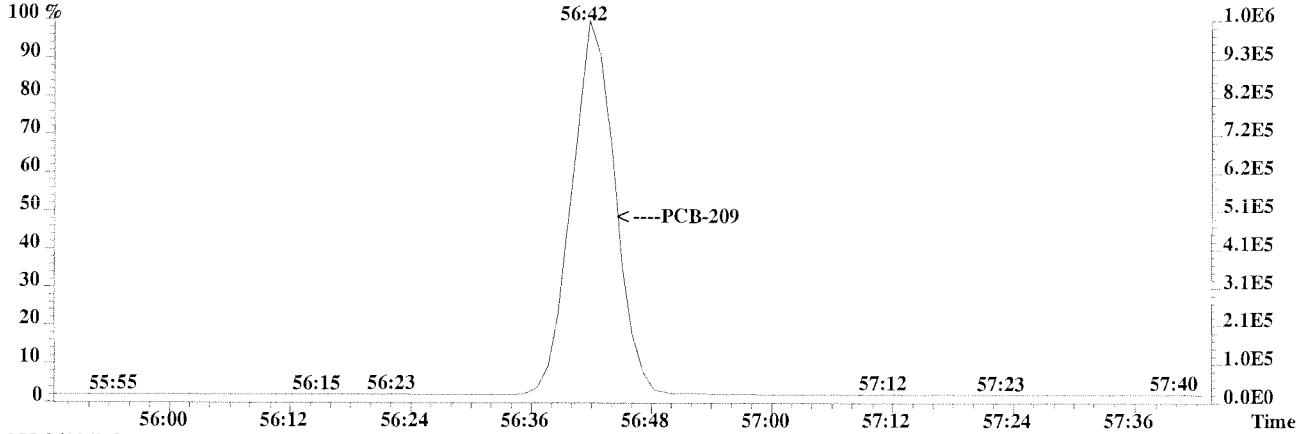
CLIENT ID:

DCCS-209

Lab Name: COLUMBIA ANALYTICAL SERVICES
Lab Code: CAS Case No.: _____ SDG No.:
GC Column: SPB-Octyl ID: 0.25 (mm) Lab File ID: U224759
Date Analyzed: 15-JAN-2011
Time Analyzed: 13:30:17

Retention Time for PCB 209:	(>55 min)	56:42
% Valley between PCB 34 and PCB 23:	(<40%)	11.
% Valley between PCB 187 and PCB 182:	(<40%)	4.
Seconds of coelution between PCB 156 and PCB 157: (<2 sec)		0

Reference: Section 6.9.1.1 Method 1668A with corrections and changes through Aug 30, 2003.



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
DCCS-209

Run #7 Filename U224759 Samp: 1 Inj: 1 Acquired: 15-JAN-11 13:30:17
Processed: 17-JAN-11 09:45:14 Sample ID: PCB 209 INJECTION

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	NotFnd	*	*	*	n	n	1.0617
2	1	PCB-2	14:58	6.092e+03	1.898e+03	3.21	y	n	1.0450
3	1	PCB-3	NotFnd	*	*	*	n	n	1.0567
4	1	PCB-4	NotFnd	*	*	*	n	n	0.9523
5	1	PCB-10	15:35	6.113e+03	3.863e+03	1.58	y	n	1.3474
6	2	PCB-9	17:23	4.355e+03	2.890e+03	1.51	y	y	0.9786
7	2	PCB-7	17:33	4.341e+03	3.042e+03	1.43	y	y	0.9972
8	2	PCB-6	17:47	4.648e+03	2.748e+03	1.69	y	y	0.9988
9	2	PCB-5	18:05	3.910e+03	2.583e+03	1.51	y	y	0.8770
10	2	PCB-8	18:13	4.811e+03	3.208e+03	1.50	y	y	1.0831
11	2	PCB-14	19:50	4.407e+03	3.071e+03	1.43	y	y	1.0100
12	2	PCB-11	20:41	4.481e+03	2.684e+03	1.67	y	y	0.9677
13	2	PCB-12/13	20:59	8.560e+03	6.028e+03	1.42	y	y	0.9852
14	2	PCB-15	NotFnd	*	*	*	n	y	0.9734
15	2	PCB-19	NotFnd	*	*	*	n	n	1.0211
16	2	PCB-18/30	20:20	5.681e+03	5.785e+03	0.98	y	n	0.9161
17	2	PCB-17	20:47	2.399e+03	2.399e+03	1.00	y	n	0.7667
18	2	PCB-27	21:00	3.447e+03	3.570e+03	0.97	y	n	1.1213
19	2	PCB-24	21:08	3.153e+03	3.173e+03	0.99	y	n	1.0109
20	2	PCB-16	21:16	2.056e+03	1.999e+03	1.03	y	n	0.6480
21	2	PCB-32	21:46	3.640e+03	3.803e+03	0.96	y	n	1.1893
22	3	PCB-34	23:01	4.111e+03	3.991e+03	1.03	y	n	1.2947
23	3	PCB-23	23:09	3.833e+03	3.738e+03	1.03	y	n	1.2098
24	3	PCB-26/29	23:29	8.679e+03	8.357e+03	1.04	y	n	1.3611
25	3	PCB-25	23:43	4.945e+03	4.629e+03	1.07	y	n	1.5298
26	3	PCB-31	24:02	4.438e+03	4.425e+03	1.00	y	n	1.4162
27	3	PCB-20/28	24:21	8.132e+03	8.018e+03	1.01	y	y	1.2902
28	3	PCB-21/33	24:31	9.141e+03	8.940e+03	1.02	y	y	1.4445
29	3	PCB-22	24:58	3.925e+03	3.744e+03	1.05	y	y	1.2254
30	3	PCB-36	26:30	4.650e+03	4.329e+03	1.07	y	y	1.4347
31	3	PCB-39	26:52	4.530e+03	4.312e+03	1.05	y	y	1.4128
32	3	PCB-38	27:26	4.160e+03	3.888e+03	1.07	y	n	1.2859
33	3	PCB-35	27:55	4.080e+03	3.918e+03	1.04	y	n	1.2781
34	3	PCB-37	NotFnd	*	*	*	n	n	1.0819
35	2	PCB-54	NotFnd	*	*	*	n	n	0.9626
36	3	PCB-50/53	23:46	9.063e+03	1.216e+04	0.75	y	n	0.7360
37	3	PCB-45/51	24:30	9.094e+03	1.195e+04	0.76	y	y	0.7297
38	3	PCB-46	24:45	4.064e+03	5.224e+03	0.78	y	n	0.6442
39	3	PCB-52	26:09	4.879e+03	6.385e+03	0.76	y	y	0.7814
40	3	PCB-43/73	26:17	9.617e+03	1.280e+04	0.75	y	y	0.7775
41	3	PCB-49/69	26:35	1.105e+04	1.445e+04	0.76	y	y	0.8845
42	3	PCB-48	26:55	4.549e+03	5.863e+03	0.78	y	n	0.7223
43	3	PCB-44/47/65	27:10	1.525e+04	1.996e+04	0.76	y	n	0.8141
44	3	PCB-59/62/75	27:28	1.825e+04	2.402e+04	0.76	y	n	0.9775
45	3	PCB-42	27:40	4.419e+03	5.896e+03	0.75	y	n	0.7155
46	3	PCB-40/41/71	28:11	1.370e+04	1.810e+04	0.76	y	y	0.7353
47	3	PCB-64	28:23	6.699e+03	8.461e+03	0.79	y	n	1.0516
48	3	PCB-72	29:12	6.485e+03	8.625e+03	0.75	y	n	1.0481
49	3	PCB-68	29:28	6.261e+03	8.161e+03	0.77	y	y	1.0004
50	3	PCB-57	29:54	6.262e+03	8.241e+03	0.76	y	n	1.0060

51	3	PCB-58	30:09	6.187e+03	7.794e+03	0.79	y	n	0.9698
52	3	PCB-67	30:18	7.154e+03	9.210e+03	0.78	y	n	1.1351
53	3	PCB-63	30:34	6.656e+03	9.062e+03	0.73	y	y	1.0903
54	3	PCB-61/70/74/76	30:55	2.535e+04	3.347e+04	0.76	y	y	1.0200
55	3	PCB-66	31:15	6.642e+03	8.720e+03	0.76	y	n	1.0656
56	3	PCB-55	31:25	5.671e+03	7.405e+03	0.77	y	n	0.9070
57	4	PCB-56	31:55	6.398e+03	8.072e+03	0.79	y	n	1.0038
58	4	PCB-60	32:08	6.173e+03	7.710e+03	0.80	y	n	0.9630
59	4	PCB-80	32:31	7.344e+03	9.291e+03	0.79	y	n	1.1538
60	4	PCB-79	34:03	6.998e+03	9.072e+03	0.77	y	n	1.1147
61	4	PCB-78	34:36	6.186e+03	7.948e+03	0.78	y	n	0.9804
62	4	PCB-81	NotFnd	*	*	*	n	n	1.0839
63	4	PCB-77	NotFnd	*	*	*	n	n	1.0368
64	3	PCB-104	NotFnd	*	*	*	n	n	1.0032
65	3	PCB-96	27:29	9.755e+03	6.345e+03	1.54	y	n	1.2209
66	3	PCB-103	29:22	7.935e+03	5.162e+03	1.54	y	n	0.9932
67	3	PCB-94	29:37	6.367e+03	4.118e+03	1.55	y	n	0.7951
68	3	PCB-95	30:03	7.314e+03	4.730e+03	1.55	y	n	0.9133
69	3	PCB-93/100	30:15	1.379e+04	8.980e+03	1.54	y	n	0.8632
70	3	PCB-98/102	30:25	1.433e+04	9.328e+03	1.54	y	n	0.8970
71	3	PCB-88/91	30:55	1.393e+04	9.109e+03	1.53	y	y	0.8737
72	3	PCB-84	31:09	6.424e+03	4.121e+03	1.56	y	n	0.7997
73	3	PCB-89	31:37	6.629e+03	4.366e+03	1.52	y	n	0.8338
74	4	PCB-121	32:00	8.075e+03	5.227e+03	1.54	y	n	1.0087
75	4	PCB-92	32:23	5.723e+03	3.713e+03	1.54	y	n	0.7155
76	4	PCB-90/101/113	32:57	1.961e+04	1.261e+04	1.56	y	n	0.8144
77	4	PCB-83/99	33:32	1.106e+04	7.126e+03	1.55	y	y	0.6897
78	4	PCB-112	33:40	8.141e+03	5.244e+03	1.55	y	y	1.0150
79	4	PCB-86/87/97/109/119/125	34:02	3.897e+04	2.502e+04	1.56	y	y	0.8087
80	4	PCB-117	34:41	6.604e+03	4.207e+03	1.57	y	y	0.8198
81	4	PCB-85/116	34:46	1.425e+04	9.044e+03	1.58	y	y	0.8830
82	4	PCB-110/115	34:58	1.519e+04	9.806e+03	1.55	y	n	0.9479
83	4	PCB-82	35:16	4.879e+03	3.229e+03	1.51	y	n	0.6148
84	4	PCB-111	35:37	7.129e+03	4.633e+03	1.54	y	n	0.8919
85	4	PCB-120	36:05	7.776e+03	4.912e+03	1.58	y	n	0.9622
86	5	PCB-108/124	37:13	1.435e+04	8.992e+03	1.60	y	y	0.8850
87	5	PCB-107	37:27	7.660e+03	4.780e+03	1.60	y	y	0.9434
88	5	PCB-123	NotFnd	*	*	*	n	n	1.0758
89	5	PCB-106	37:41	7.321e+03	4.522e+03	1.62	y	y	0.8981
90	5	PCB-118	NotFnd	*	*	*	n	n	1.1029
91	5	PCB-122	38:15	6.696e+03	4.094e+03	1.64	y	y	0.8182
92	5	PCB-114	NotFnd	*	*	*	n	n	1.0787
93	5	PCB-105	NotFnd	*	*	*	n	n	1.0593
94	5	PCB-127	40:32	7.017e+03	4.516e+03	1.55	y	y	0.8746
95	5	PCB-126	NotFnd	*	*	*	n	n	1.0408
96	4	PCB-155	NotFnd	*	*	*	n	n	0.9771
97	4	PCB-152	32:57	8.314e+03	7.356e+03	1.13	y	n	1.5910
98	4	PCB-150	33:06	7.639e+03	6.703e+03	1.14	y	n	1.4562
99	4	PCB-136	33:30	7.965e+03	6.987e+03	1.14	y	n	1.5181
100	4	PCB-145	33:46	7.342e+03	6.344e+03	1.16	y	n	1.3895
101	4	PCB-148	35:15	5.769e+03	5.044e+03	1.14	y	n	1.0978
102	4	PCB-135/151	35:50	1.100e+04	9.495e+03	1.16	y	y	1.0407
103	4	PCB-154	36:05	6.496e+03	5.737e+03	1.13	y	n	1.2420
104	4	PCB-144	36:24	5.753e+03	4.959e+03	1.16	y	y	1.0877
105	5	PCB-147/149	36:46	9.644e+03	7.752e+03	1.24	y	n	0.8831
106	5	PCB-134	36:59	3.755e+03	3.027e+03	1.24	y	n	0.6886
107	5	PCB-143	37:04	4.761e+03	3.794e+03	1.25	y	n	0.8686

108	5	PCB-139/140	37:21	9.356e+03	7.613e+03	1.23	y	n	0.8614
109	5	PCB-131	37:34	4.154e+03	3.365e+03	1.23	y	n	0.7634
110	5	PCB-142	37:43	4.162e+03	3.338e+03	1.25	y	n	0.7614
111	5	PCB-132	38:02	3.826e+03	3.168e+03	1.21	y	n	0.7101
112	5	PCB-133	38:30	4.105e+03	3.268e+03	1.26	y	n	0.7486
113	5	PCB-165	38:54	5.108e+03	4.100e+03	1.25	y	n	0.9349
114	5	PCB-146	39:09	4.889e+03	4.027e+03	1.21	y	n	0.9053
115	5	PCB-161	39:16	5.946e+03	4.859e+03	1.22	y	n	1.0970
116	5	PCB-153/168	39:46	1.055e+04	8.637e+03	1.22	y	n	0.9742
117	5	PCB-141	39:57	4.617e+03	3.626e+03	1.27	y	n	0.8369
118	5	PCB-130	40:22	3.856e+03	3.052e+03	1.26	y	n	0.7014
119	5	PCB-137	40:35	4.211e+03	3.409e+03	1.24	y	n	0.7737
120	5	PCB-164	40:42	5.721e+03	4.539e+03	1.26	y	n	1.0416
121	5	PCB-129/138/163	41:01	1.371e+04	1.101e+04	1.25	y	n	0.8366
122	5	PCB-160	41:10	5.623e+03	4.449e+03	1.26	y	n	1.0226
123	5	PCB-158	41:23	6.394e+03	5.071e+03	1.26	y	n	1.1641
124	5	PCB-128/166	42:14	9.834e+03	7.879e+03	1.25	y	n	0.8992
125	6	PCB-159	43:13	4.311e+03	3.613e+03	1.19	y	y	0.8046
126	6	PCB-162	43:31	4.024e+03	3.424e+03	1.18	y	y	0.7561
127	6	PCB-167	NotFnd	*	*	*	n	n	1.0299
128	6	PCB-156/157	NotFnd	*	*	*	n	n	1.0644
129	6	PCB-169	NotFnd	*	*	*	n	n	1.0362
130	5	PCB-188	NotFnd	*	*	*	n	n	0.9497
131	5	PCB-179	38:46	5.739e+03	5.887e+03	0.97	y	n	1.1337
132	5	PCB-184	39:15	5.646e+03	5.839e+03	0.97	y	n	1.1200
133	5	PCB-176	39:39	5.539e+03	5.743e+03	0.96	y	n	1.1002
134	5	PCB-186	40:06	5.219e+03	5.400e+03	0.97	y	n	1.0354
135	5	PCB-178	41:27	4.047e+03	4.107e+03	0.99	y	n	0.7951
136	5	PCB-175	42:04	4.184e+03	4.381e+03	0.95	y	n	0.8352
137	5	PCB-187	42:21	4.420e+03	4.483e+03	0.99	y	n	0.8682
138	5	PCB-182	42:32	4.349e+03	4.490e+03	0.97	y	n	0.8619
139	6	PCB-183	42:58	3.275e+03	3.351e+03	0.98	y	n	0.6461
140	6	PCB-185	43:04	2.527e+03	2.531e+03	1.00	y	n	0.4933
141	6	PCB-174	43:13	2.753e+03	2.840e+03	0.97	y	n	0.5454
142	6	PCB-177	43:39	2.724e+03	2.743e+03	0.99	y	n	0.5331
143	6	PCB-181	44:02	2.645e+03	2.681e+03	0.99	y	n	0.5193
144	6	PCB-171/173	44:15	5.302e+03	5.279e+03	1.00	y	n	0.5159
145	6	PCB-172	45:52	2.687e+03	2.685e+03	1.00	y	n	0.5238
146	6	PCB-192	46:09	3.213e+03	3.190e+03	1.01	y	n	0.6243
147	6	PCB-180/193	46:28	6.678e+03	6.482e+03	1.03	y	n	0.6416
148	6	PCB-191	46:51	3.530e+03	3.506e+03	1.01	y	n	0.6861
149	6	PCB-170	47:47	2.455e+03	2.449e+03	1.00	y	n	0.4781
150	6	PCB-190	48:17	3.484e+03	3.408e+03	1.02	y	y	0.6721
151	6	PCB-189	NotFnd	*	*	*	n	n	0.9118
152	6	PCB-202	NotFnd	*	*	*	n	n	0.8687
153	6	PCB-201	44:39	5.264e+03	6.168e+03	0.85	y	n	0.9427
154	6	PCB-204	45:19	5.210e+03	6.215e+03	0.84	y	n	0.9421
155	6	PCB-197	45:34	5.012e+03	6.121e+03	0.82	y	n	0.9179
156	6	PCB-200	45:41	5.279e+03	5.995e+03	0.88	y	n	0.9296
157	6	PCB-198/199	48:26	6.959e+03	8.256e+03	0.84	y	n	0.6273
158	6	PCB-196	49:07	3.537e+03	4.197e+03	0.84	y	n	0.6377
159	6	PCB-203	49:18	3.831e+03	4.454e+03	0.86	y	n	0.6832
160	6	PCB-195	50:37	3.406e+03	3.997e+03	0.85	y	n	0.6105
161	6	PCB-194	52:56	3.542e+03	4.087e+03	0.87	y	n	0.6291
162	6	PCB-205	NotFnd	*	*	*	n	n	0.9331
163	6	PCB-208	NotFnd	*	*	*	n	n	0.9147
164	6	PCB-207	51:17	4.511e+03	5.841e+03	0.77	y	n	1.1539

165	7	PCB-206	NotFnd	*	*	*	n	n	0.9373
166	7	PCB-209	NotFnd	*	*	*	n	n	0.9245
167	1	PCB-11L	12:56	2.255e+04	7.209e+03	3.13	y	n	1.1619
168	1	PCB-3L	15:07	2.387e+04	7.535e+03	3.17	y	n	1.1871
169	1	PCB-4L	15:23	1.773e+04	1.170e+04	1.52	y	n	0.9067
170	2	PCB-15L	21:18	1.822e+04	1.159e+04	1.57	y	n	1.0299
171	2	PCB-19L	18:31	9.728e+03	9.479e+03	1.03	y	n	0.6145
172	3	PCB-37L	28:19	1.593e+04	1.494e+04	1.07	y	n	1.3198
173	2	PCB-54L	21:36	1.551e+04	2.047e+04	0.76	y	n	1.2606
174	4	PCB-81L	35:02	1.133e+04	1.436e+04	0.79	y	n	1.0877
175	4	PCB-77L	35:35	1.099e+04	1.384e+04	0.79	y	n	1.0905
176	3	PCB-104L	27:04	2.201e+04	1.445e+04	1.52	y	n	1.4802
177	5	PCB-123L	37:33	1.391e+04	8.895e+03	1.56	y	n	1.2142
178	5	PCB-118L	37:53	1.469e+04	9.267e+03	1.59	y	n	1.2461
179	5	PCB-114L	38:24	1.363e+04	8.640e+03	1.58	y	n	1.2363
180	5	PCB-105L	39:04	1.369e+04	8.893e+03	1.54	y	n	1.1971
181	5	PCB-126L	42:08	1.299e+04	8.391e+03	1.55	y	n	1.1046
182	4	PCB-155L	32:41	2.002e+04	1.633e+04	1.23	y	n	1.5987
183	6	PCB-167L	43:58	9.427e+03	7.452e+03	1.27	y	n	1.0506
184	6	PCB-156/157L	45:08	1.766e+04	1.395e+04	1.27	y	n	0.9622
185	6	PCB-169L	48:21	7.605e+03	6.042e+03	1.26	y	n	0.8858
186	5	PCB-188L	38:23	1.389e+04	1.349e+04	1.03	y	n	2.4832
187	6	PCB-189L	50:50	6.933e+03	6.706e+03	1.03	y	n	1.5028
188	6	PCB-202L	43:44	8.329e+03	9.095e+03	0.92	y	n	1.7573
189	6	PCB-205L	53:23	7.041e+03	7.876e+03	0.89	y	n	1.3167
190	6	PCB-208L	50:21	6.297e+03	8.590e+03	0.73	y	n	1.4456
191	7	PCB-206L	55:06	3.960e+03	5.075e+03	0.78	y	n	1.1761
192	7	PCB-209L	56:41	7.120e+03	6.037e+03	1.18	y	n	1.6061
193	3	PCB-28L	NotFnd	*	*	*	n	n	1.5382
194	4	PCB-111L	NotFnd	*	*	*	n	n	1.2383
195	5	PCB-178L	NotFnd	*	*	*	n	n	0.8947
196	2	PCB-9L	NotFnd	*	*	*	n	n	-
197	3	PCB-52L	NotFnd	*	*	*	n	n	-
198	4	PCB-101L	NotFnd	*	*	*	n	n	-
199	5	PCB-138L	NotFnd	*	*	*	n	n	-
200	6	PCB-194L	NotFnd	*	*	*	n	n	-

Run #7 Filename U224759#1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 13:30:17

Processed: 17-JAN-11 09:45:14 LAB. ID: PCB 209 INJECTION

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	*	5.58e+03	*	*	6.50e+03	*
2	PCB-2	1.34e+06	5.58e+03	2.4e+02	4.21e+05	6.50e+03	6.5e+01
3	PCB-3	*	5.58e+03	*	*	6.50e+03	*
4	PCB-4	*	7.35e+03	*	*	4.88e+04	*
5	PCB-10	1.39e+06	7.35e+03	1.9e+02	9.06e+05	4.88e+04	1.9e+01
6	PCB-9	1.05e+06	1.50e+04	7.0e+01	6.83e+05	5.07e+04	1.3e+01
7	PCB-7	9.71e+05	1.50e+04	6.5e+01	6.36e+05	5.07e+04	1.3e+01
8	PCB-6	1.01e+06	1.50e+04	6.7e+01	6.28e+05	5.07e+04	1.2e+01
9	PCB-5	8.93e+05	1.50e+04	6.0e+01	5.82e+05	5.07e+04	1.1e+01
10	PCB-8	1.05e+06	1.50e+04	7.0e+01	7.27e+05	5.07e+04	1.4e+01
11	PCB-14	9.77e+05	1.50e+04	6.5e+01	6.70e+05	5.07e+04	1.3e+01
12	PCB-11	9.34e+05	1.50e+04	6.2e+01	5.87e+05	5.07e+04	1.2e+01
13	PCB-12/13	1.39e+06	1.50e+04	9.3e+01	9.34e+05	5.07e+04	1.8e+01
14	PCB-15	*	1.50e+04	*	*	5.07e+04	*
15	PCB-19	*	3.46e+03	*	*	2.44e+03	*
16	PCB-18/30	9.00e+05	3.46e+03	2.6e+02	9.14e+05	2.44e+03	3.7e+02
17	PCB-17	5.56e+05	3.46e+03	1.6e+02	5.49e+05	2.44e+03	2.2e+02
18	PCB-27	7.75e+05	3.46e+03	2.2e+02	8.00e+05	2.44e+03	3.3e+02
19	PCB-24	7.13e+05	3.46e+03	2.1e+02	7.15e+05	2.44e+03	2.9e+02
20	PCB-16	4.57e+05	3.46e+03	1.3e+02	4.43e+05	2.44e+03	1.8e+02
21	PCB-32	8.04e+05	3.46e+03	2.3e+02	8.33e+05	2.44e+03	3.4e+02
22	PCB-34	8.43e+05	1.41e+04	6.0e+01	8.06e+05	2.24e+04	3.6e+01
23	PCB-23	7.42e+05	1.41e+04	5.3e+01	7.31e+05	2.24e+04	3.3e+01
24	PCB-26/29	1.62e+06	1.41e+04	1.1e+02	1.55e+06	2.24e+04	7.0e+01
25	PCB-25	8.59e+05	1.41e+04	6.1e+01	8.22e+05	2.24e+04	3.7e+01
26	PCB-31	8.68e+05	1.41e+04	6.2e+01	8.57e+05	2.24e+04	3.8e+01
27	PCB-20/28	1.26e+06	1.41e+04	8.9e+01	1.25e+06	2.24e+04	5.6e+01
28	PCB-21/33	9.64e+05	1.41e+04	6.8e+01	9.38e+05	2.24e+04	4.2e+01
29	PCB-22	7.36e+05	1.41e+04	5.2e+01	7.14e+05	2.24e+04	3.2e+01
30	PCB-36	8.20e+05	1.41e+04	5.8e+01	8.00e+05	2.24e+04	3.6e+01
31	PCB-39	7.87e+05	1.41e+04	5.6e+01	7.77e+05	2.24e+04	3.5e+01
32	PCB-38	7.76e+05	1.41e+04	5.5e+01	7.15e+05	2.24e+04	3.2e+01
33	PCB-35	7.16e+05	1.41e+04	5.1e+01	6.97e+05	2.24e+04	3.1e+01
34	PCB-37	*	1.41e+04	*	*	2.24e+04	*
35	PCB-54	*	9.84e+02	*	*	1.29e+03	*
36	PCB-50/53	1.78e+06	1.64e+03	1.1e+03	2.40e+06	2.12e+03	1.1e+03
37	PCB-45/51	1.03e+06	1.64e+03	6.3e+02	1.38e+06	2.12e+03	6.5e+02
38	PCB-46	7.73e+05	1.64e+03	4.7e+02	1.01e+06	2.12e+03	4.8e+02
39	PCB-52	9.42e+05	1.64e+03	5.7e+02	1.23e+06	2.12e+03	5.8e+02
40	PCB-43/73	1.14e+06	1.64e+03	6.9e+02	1.54e+06	2.12e+03	7.3e+02
41	PCB-49/69	1.30e+06	1.64e+03	7.9e+02	1.72e+06	2.12e+03	8.1e+02
42	PCB-48	8.84e+05	1.64e+03	5.4e+02	1.15e+06	2.12e+03	5.4e+02
43	PCB-44/47/65	2.75e+06	1.64e+03	1.7e+03	3.55e+06	2.12e+03	1.7e+03
44	PCB-59/62/75	2.62e+06	1.64e+03	1.6e+03	3.49e+06	2.12e+03	1.6e+03
45	PCB-42	8.29e+05	1.64e+03	5.1e+02	1.12e+06	2.12e+03	5.3e+02
46	PCB-40/41/71	1.82e+06	1.64e+03	1.1e+03	2.39e+06	2.12e+03	1.1e+03
47	PCB-64	1.28e+06	1.64e+03	7.8e+02	1.63e+06	2.12e+03	7.7e+02

48	PCB-72	1.25e+06	1.64e+03	7.6e+02	1.66e+06	2.12e+03	7.9e+02
49	PCB-68	1.16e+06	1.64e+03	7.1e+02	1.55e+06	2.12e+03	7.3e+02
50	PCB-57	1.18e+06	1.64e+03	7.2e+02	1.58e+06	2.12e+03	7.4e+02
51	PCB-58	1.10e+06	1.64e+03	6.7e+02	1.40e+06	2.12e+03	6.6e+02
52	PCB-67	1.28e+06	1.64e+03	7.8e+02	1.66e+06	2.12e+03	7.8e+02
53	PCB-63	1.18e+06	1.64e+03	7.2e+02	1.62e+06	2.12e+03	7.6e+02
54	PCB-61/70/74/76	2.70e+06	1.64e+03	1.6e+03	3.51e+06	2.12e+03	1.7e+03
55	PCB-66	1.17e+06	1.64e+03	7.2e+02	1.54e+06	2.12e+03	7.3e+02
56	PCB-55	1.03e+06	1.64e+03	6.3e+02	1.36e+06	2.12e+03	6.4e+02
57	PCB-56	1.14e+06	1.24e+04	9.3e+01	1.44e+06	1.57e+04	9.2e+01
58	PCB-60	1.14e+06	1.24e+04	9.2e+01	1.42e+06	1.57e+04	9.1e+01
59	PCB-80	1.33e+06	1.24e+04	1.1e+02	1.71e+06	1.57e+04	1.1e+02
60	PCB-79	1.22e+06	1.24e+04	9.9e+01	1.57e+06	1.57e+04	1.0e+02
61	PCB-78	1.05e+06	1.24e+04	8.5e+01	1.35e+06	1.57e+04	8.7e+01
62	PCB-81	*	1.24e+04	*	*	1.57e+04	*
63	PCB-77	*	1.24e+04	*	*	1.57e+04	*
64	PCB-104	*	1.62e+03	*	*	1.96e+03	*
65	PCB-96	1.91e+06	1.62e+03	1.2e+03	1.24e+06	1.96e+03	6.3e+02
66	PCB-103	1.50e+06	1.62e+03	9.3e+02	9.69e+05	1.96e+03	4.9e+02
67	PCB-94	1.22e+06	1.62e+03	7.5e+02	7.79e+05	1.96e+03	4.0e+02
68	PCB-95	1.38e+06	1.62e+03	8.5e+02	9.01e+05	1.96e+03	4.6e+02
69	PCB-93/100	2.09e+06	1.62e+03	1.3e+03	1.36e+06	1.96e+03	6.9e+02
70	PCB-98/102	1.63e+06	1.62e+03	1.0e+03	1.06e+06	1.96e+03	5.4e+02
71	PCB-88/91	1.39e+06	1.62e+03	8.6e+02	8.90e+05	1.96e+03	4.5e+02
72	PCB-84	1.23e+06	1.62e+03	7.6e+02	7.80e+05	1.96e+03	4.0e+02
73	PCB-89	1.25e+06	1.62e+03	7.7e+02	8.29e+05	1.96e+03	4.2e+02
74	PCB-121	1.59e+06	7.84e+03	2.0e+02	1.02e+06	1.12e+04	9.1e+01
75	PCB-92	1.09e+06	7.84e+03	1.4e+02	7.10e+05	1.12e+04	6.3e+01
76	PCB-90/101/113	2.79e+06	7.84e+03	3.6e+02	1.79e+06	1.12e+04	1.6e+02
77	PCB-83/99	1.23e+06	7.84e+03	1.6e+02	7.80e+05	1.12e+04	7.0e+01
78	PCB-112	1.45e+06	7.84e+03	1.9e+02	9.36e+05	1.12e+04	8.3e+01
79	CB-86/87/97/109/119/125	3.96e+06	7.84e+03	5.1e+02	2.52e+06	1.12e+04	2.2e+02
80	PCB-117	1.49e+06	7.84e+03	1.9e+02	9.47e+05	1.12e+04	8.4e+01
81	PCB-85/116	2.38e+06	7.84e+03	3.0e+02	1.52e+06	1.12e+04	1.4e+02
82	PCB-110/115	1.92e+06	7.84e+03	2.5e+02	1.27e+06	1.12e+04	1.1e+02
83	PCB-82	8.76e+05	7.84e+03	1.1e+02	5.86e+05	1.12e+04	5.2e+01
84	PCB-111	1.32e+06	7.84e+03	1.7e+02	8.71e+05	1.12e+04	7.8e+01
85	PCB-120	1.45e+06	7.84e+03	1.8e+02	8.99e+05	1.12e+04	8.0e+01
86	PCB-108/124	2.56e+06	4.99e+04	5.1e+01	1.58e+06	3.21e+04	4.9e+01
87	PCB-107	1.35e+06	4.99e+04	2.7e+01	8.60e+05	3.21e+04	2.7e+01
88	PCB-123	*	4.99e+04	*	*	3.21e+04	*
89	PCB-106	1.30e+06	4.99e+04	2.6e+01	8.50e+05	3.21e+04	2.6e+01
90	PCB-118	*	4.99e+04	*	*	3.21e+04	*
91	PCB-122	1.17e+06	4.99e+04	2.4e+01	7.46e+05	3.21e+04	2.3e+01
92	PCB-114	*	4.99e+04	*	*	3.21e+04	*
93	PCB-105	*	4.99e+04	*	*	3.21e+04	*
94	PCB-127	1.15e+06	4.99e+04	2.3e+01	7.54e+05	3.21e+04	2.3e+01
95	PCB-126	*	4.99e+04	*	*	3.21e+04	*
96	PCB-155	*	1.80e+03	*	*	1.40e+03	*
97	PCB-152	1.59e+06	1.80e+03	8.8e+02	1.40e+06	1.40e+03	1.0e+03
98	PCB-150	1.45e+06	1.80e+03	8.0e+02	1.25e+06	1.40e+03	8.9e+02
99	PCB-136	1.50e+06	1.80e+03	8.3e+02	1.29e+06	1.40e+03	9.2e+02
100	PCB-145	1.43e+06	1.80e+03	7.9e+02	1.20e+06	1.40e+03	8.6e+02
101	PCB-148	1.06e+06	1.80e+03	5.9e+02	9.22e+05	1.40e+03	6.6e+02
102	PCB-135/151	1.15e+06	1.80e+03	6.4e+02	9.84e+05	1.40e+03	7.0e+02
103	PCB-154	1.22e+06	1.80e+03	6.8e+02	1.09e+06	1.40e+03	7.8e+02
104	PCB-144	1.07e+06	1.80e+03	6.0e+02	9.22e+05	1.40e+03	6.6e+02

105	PCB-147/149	1.80e+06	7.48e+03	2.4e+02	1.44e+06	7.59e+03	1.9e+02
106	PCB-134	7.50e+05	7.48e+03	1.0e+02	5.96e+05	7.59e+03	7.9e+01
107	PCB-143	8.43e+05	7.48e+03	1.1e+02	6.72e+05	7.59e+03	8.9e+01
108	PCB-139/140	1.55e+06	7.48e+03	2.1e+02	1.25e+06	7.59e+03	1.6e+02
109	PCB-131	7.48e+05	7.48e+03	1.0e+02	6.11e+05	7.59e+03	8.0e+01
110	PCB-142	7.41e+05	7.48e+03	9.9e+01	5.92e+05	7.59e+03	7.8e+01
111	PCB-132	7.04e+05	7.48e+03	9.4e+01	5.73e+05	7.59e+03	7.6e+01
112	PCB-133	7.36e+05	7.48e+03	9.8e+01	5.95e+05	7.59e+03	7.8e+01
113	PCB-165	9.20e+05	7.48e+03	1.2e+02	7.76e+05	7.59e+03	1.0e+02
114	PCB-146	8.96e+05	7.48e+03	1.2e+02	7.45e+05	7.59e+03	9.8e+01
115	PCB-161	1.04e+06	7.48e+03	1.4e+02	8.70e+05	7.59e+03	1.1e+02
116	PCB-153/168	1.46e+06	7.48e+03	1.9e+02	1.20e+06	7.59e+03	1.6e+02
117	PCB-141	8.08e+05	7.48e+03	1.1e+02	6.37e+05	7.59e+03	8.4e+01
118	PCB-130	6.90e+05	7.48e+03	9.2e+01	5.36e+05	7.59e+03	7.1e+01
119	PCB-137	7.54e+05	7.48e+03	1.0e+02	6.22e+05	7.59e+03	8.2e+01
120	PCB-164	1.01e+06	7.48e+03	1.3e+02	8.36e+05	7.59e+03	1.1e+02
121	PCB-129/138/163	1.93e+06	7.48e+03	2.6e+02	1.55e+06	7.59e+03	2.0e+02
122	PCB-160	1.01e+06	7.48e+03	1.4e+02	7.97e+05	7.59e+03	1.1e+02
123	PCB-158	1.06e+06	7.48e+03	1.4e+02	8.46e+05	7.59e+03	1.1e+02
124	PCB-128/166	1.23e+06	7.48e+03	1.7e+02	9.67e+05	7.59e+03	1.3e+02
125	PCB-159	9.06e+05	5.15e+04	1.8e+01	7.68e+05	3.45e+04	2.2e+01
126	PCB-162	8.50e+05	5.15e+04	1.6e+01	6.91e+05	3.45e+04	2.0e+01
127	PCB-167	*	5.15e+04	*	*	3.45e+04	*
128	PCB-156/157	*	5.15e+04	*	*	3.45e+04	*
129	PCB-169	*	5.15e+04	*	*	3.45e+04	*
130	PCB-188	*	1.23e+03	*	*	1.02e+03	*
131	PCB-179	1.05e+06	1.23e+03	8.5e+02	1.07e+06	1.02e+03	1.0e+03
132	PCB-184	1.02e+06	1.23e+03	8.3e+02	1.06e+06	1.02e+03	1.0e+03
133	PCB-176	1.00e+06	1.23e+03	8.1e+02	1.04e+06	1.02e+03	1.0e+03
134	PCB-186	9.47e+05	1.23e+03	7.7e+02	9.79e+05	1.02e+03	9.6e+02
135	PCB-178	7.37e+05	1.23e+03	6.0e+02	7.42e+05	1.02e+03	7.3e+02
136	PCB-175	7.65e+05	1.23e+03	6.2e+02	7.77e+05	1.02e+03	7.6e+02
137	PCB-187	8.06e+05	1.23e+03	6.6e+02	7.80e+05	1.02e+03	7.6e+02
138	PCB-182	7.62e+05	1.23e+03	6.2e+02	7.92e+05	1.02e+03	7.8e+02
139	PCB-183	6.87e+05	3.36e+03	2.0e+02	6.96e+05	1.56e+03	4.4e+02
140	PCB-185	6.02e+05	3.36e+03	1.8e+02	6.04e+05	1.56e+03	3.9e+02
141	PCB-174	5.93e+05	3.36e+03	1.8e+02	5.83e+05	1.56e+03	3.7e+02
142	PCB-177	5.85e+05	3.36e+03	1.7e+02	5.81e+05	1.56e+03	3.7e+02
143	PCB-181	5.90e+05	3.36e+03	1.8e+02	5.84e+05	1.56e+03	3.7e+02
144	PCB-171/173	1.09e+06	3.36e+03	3.2e+02	1.10e+06	1.56e+03	7.0e+02
145	PCB-172	5.79e+05	3.36e+03	1.7e+02	5.81e+05	1.56e+03	3.7e+02
146	PCB-192	6.84e+05	3.36e+03	2.0e+02	6.68e+05	1.56e+03	4.3e+02
147	PCB-180/193	1.06e+06	3.36e+03	3.1e+02	1.03e+06	1.56e+03	6.6e+02
148	PCB-191	7.14e+05	3.36e+03	2.1e+02	7.18e+05	1.56e+03	4.6e+02
149	PCB-170	5.09e+05	3.36e+03	1.5e+02	4.90e+05	1.56e+03	3.1e+02
150	PCB-190	6.95e+05	3.36e+03	2.1e+02	6.84e+05	1.56e+03	4.4e+02
151	PCB-189	*	3.36e+03	*	*	1.56e+03	*
152	PCB-202	*	1.39e+03	*	*	2.10e+03	*
153	PCB-201	1.13e+06	1.39e+03	8.1e+02	1.35e+06	2.10e+03	6.4e+02
154	PCB-204	1.15e+06	1.39e+03	8.2e+02	1.38e+06	2.10e+03	6.6e+02
155	PCB-197	1.04e+06	1.39e+03	7.5e+02	1.27e+06	2.10e+03	6.0e+02
156	PCB-200	1.17e+06	1.39e+03	8.4e+02	1.32e+06	2.10e+03	6.3e+02
157	PCB-198/199	1.07e+06	1.39e+03	7.7e+02	1.25e+06	2.10e+03	5.9e+02
158	PCB-196	7.62e+05	1.39e+03	5.5e+02	9.11e+05	2.10e+03	4.3e+02
159	PCB-203	8.13e+05	1.39e+03	5.8e+02	9.38e+05	2.10e+03	4.5e+02
160	PCB-195	7.06e+05	1.39e+03	5.1e+02	8.26e+05	2.10e+03	3.9e+02
161	PCB-194	7.24e+05	1.39e+03	5.2e+02	8.37e+05	2.10e+03	4.0e+02
162	PCB-205	*	1.39e+03	*	*	2.10e+03	*

Run #7

Filename U224759#1 Samp: 1

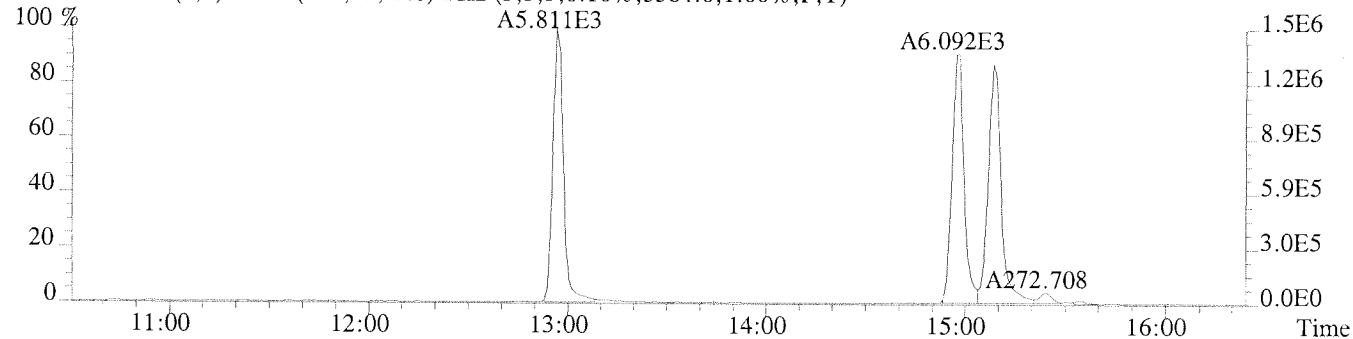
Acquired: 15-JAN-11 13:30:17

163	PCB-208	*	1.42e+03	*	*	1.24e+03	*
164	PCB-207	9.64e+05	1.42e+03	6.8e+02	1.25e+06	1.24e+03	1.0e+03
165	PCB-206	*	1.25e+03	*	*	1.38e+03	*
166	PCB-209	*	1.00e+03	*	*	9.32e+02	*
167	PCB-11L	5.56e+06	4.94e+03	1.1e+03	1.85e+06	3.50e+04	5.3e+01
168	PCB-3L	5.08e+06	4.94e+03	1.0e+03	1.66e+06	3.50e+04	4.7e+01
169	PCB-4L	4.16e+06	4.15e+03	1.0e+03	2.74e+06	4.48e+03	6.1e+02
170	PCB-15L	3.68e+06	3.70e+03	9.9e+02	2.31e+06	5.20e+03	4.4e+02
171	PCB-19L	2.30e+06	2.61e+04	8.8e+01	2.22e+06	1.69e+04	1.3e+02
172	PCB-37L	2.76e+06	3.53e+04	7.8e+01	2.59e+06	2.24e+04	1.2e+02
173	PCB-54L	3.55e+06	4.05e+03	8.8e+02	4.65e+06	2.12e+03	2.2e+03
174	PCB-81L	1.90e+06	2.74e+03	6.9e+02	2.42e+06	1.15e+03	2.1e+03
175	PCB-77L	1.77e+06	2.74e+03	6.4e+02	2.22e+06	1.15e+03	1.9e+03
176	PCB-104L	4.32e+06	1.80e+03	2.4e+03	2.83e+06	1.47e+03	1.9e+03
177	PCB-123L	2.41e+06	5.18e+03	4.7e+02	1.54e+06	4.42e+03	3.5e+02
178	PCB-118L	2.60e+06	5.18e+03	5.0e+02	1.63e+06	4.42e+03	3.7e+02
179	PCB-114L	2.42e+06	5.18e+03	4.7e+02	1.53e+06	4.42e+03	3.5e+02
180	PCB-105L	2.28e+06	5.18e+03	4.4e+02	1.50e+06	4.42e+03	3.4e+02
181	PCB-126L	1.95e+06	5.18e+03	3.8e+02	1.27e+06	4.42e+03	2.9e+02
182	PCB-155L	3.83e+06	1.23e+03	3.1e+03	3.12e+06	1.88e+03	1.7e+03
183	PCB-167L	1.96e+06	1.46e+03	1.3e+03	1.54e+06	2.52e+03	6.1e+02
184	PCB-156/157L	2.56e+06	1.46e+03	1.8e+03	1.98e+06	2.52e+03	7.9e+02
185	PCB-169L	1.37e+06	1.46e+03	9.4e+02	1.08e+06	2.52e+03	4.3e+02
186	PCB-188L	2.59e+06	1.37e+03	1.9e+03	2.51e+06	1.20e+03	2.1e+03
187	PCB-189L	1.38e+06	1.62e+03	8.5e+02	1.32e+06	1.41e+03	9.4e+02
188	PCB-202L	1.83e+06	1.51e+03	1.2e+03	2.03e+06	1.50e+03	1.3e+03
189	PCB-205L	1.43e+06	1.51e+03	9.5e+02	1.63e+06	1.50e+03	1.1e+03
190	PCB-208L	1.34e+06	1.27e+03	1.1e+03	1.84e+06	1.40e+03	1.3e+03
191	PCB-206L	7.40e+05	1.16e+03	6.4e+02	9.37e+05	1.07e+03	8.8e+02
192	PCB-209L	1.37e+06	8.72e+02	1.6e+03	1.16e+06	9.56e+02	1.2e+03
193	PCB-28L	*	3.53e+04	*	*	2.24e+04	*
194	PCB-111L	*	1.11e+03	*	*	1.74e+03	*
195	PCB-178L	*	1.37e+03	*	*	1.20e+03	*
196	PCB-9L	*	3.70e+03	*	*	5.20e+03	*
197	PCB-52L	*	4.20e+03	*	*	1.46e+03	*
198	PCB-101L	*	1.11e+03	*	*	1.74e+03	*
199	PCB-138L	*	1.06e+03	*	*	1.46e+03	*
200	PCB-194L	*	1.51e+03	*	*	1.50e+03	*

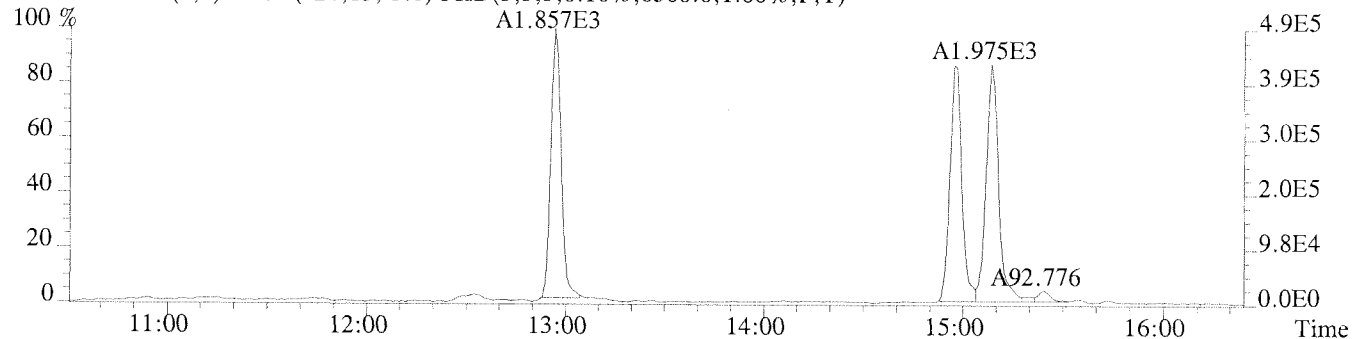
File:U224759 #1-379 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

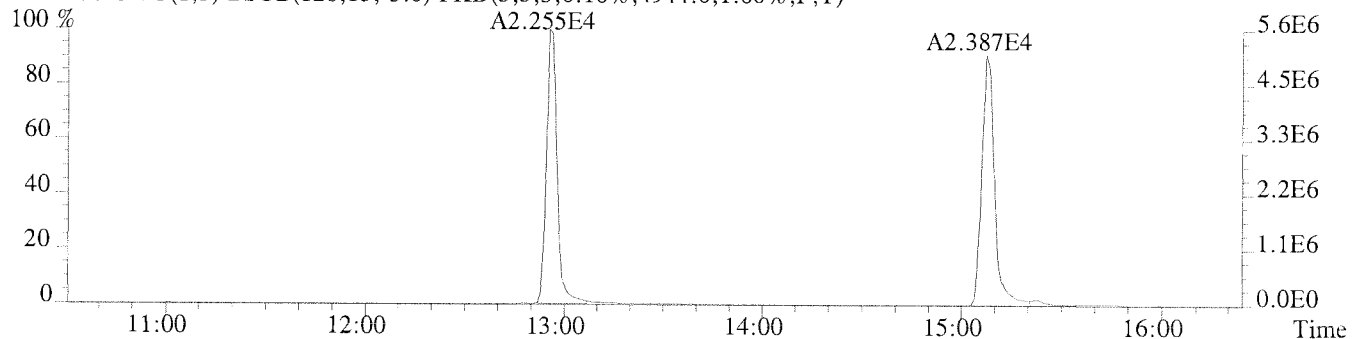
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5584.0,1.00%,F,T)



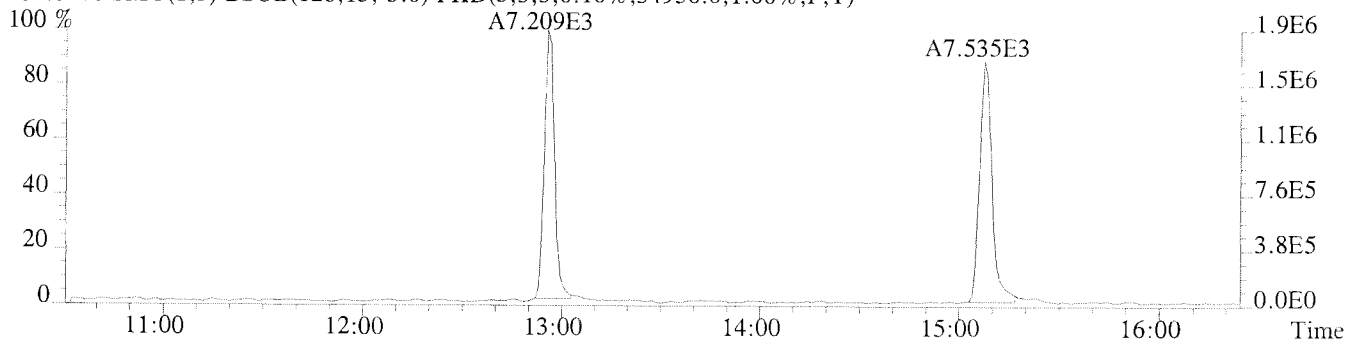
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6500.0,1.00%,F,T)



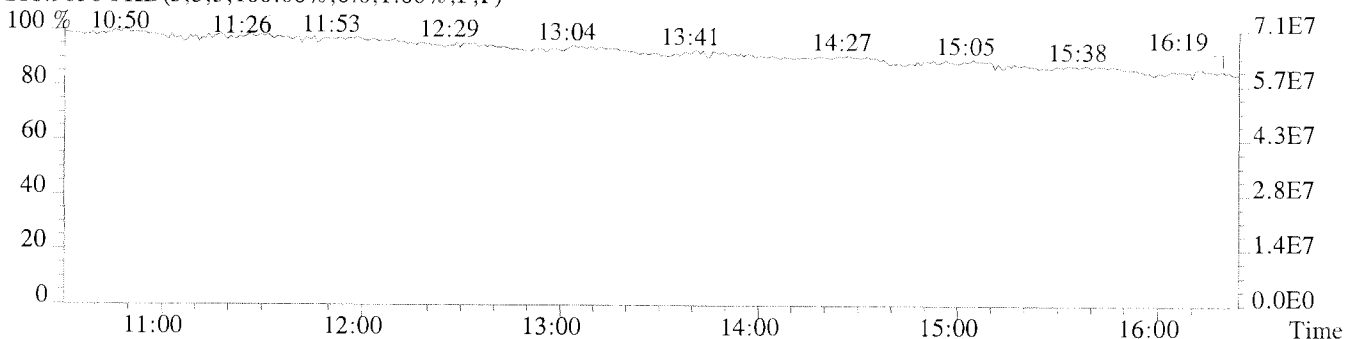
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4944.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,34956.0,1.00%,F,T)



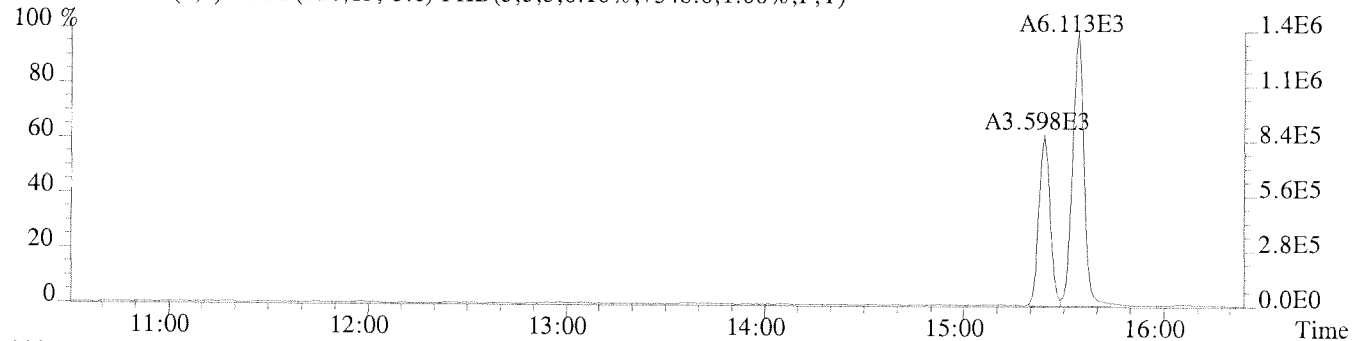
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



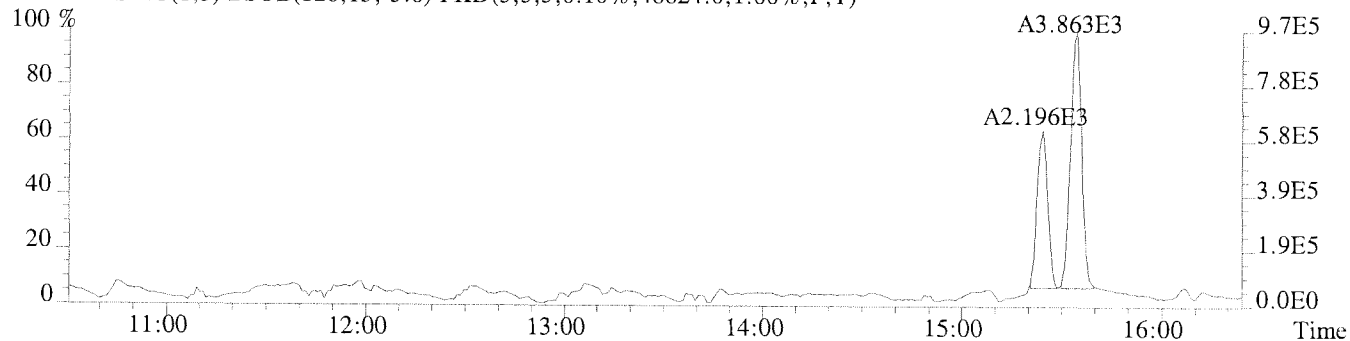
File:U224759 #1-379 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

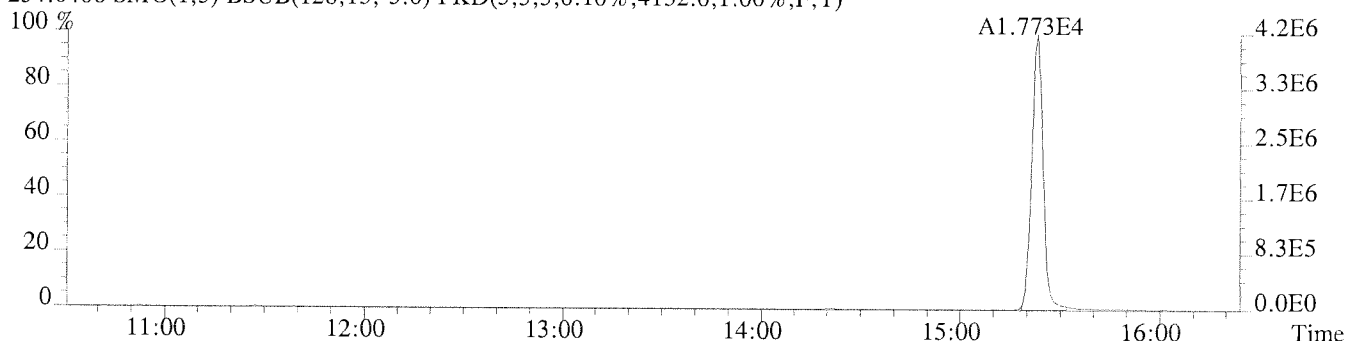
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7348.0,1.00%,F,T)



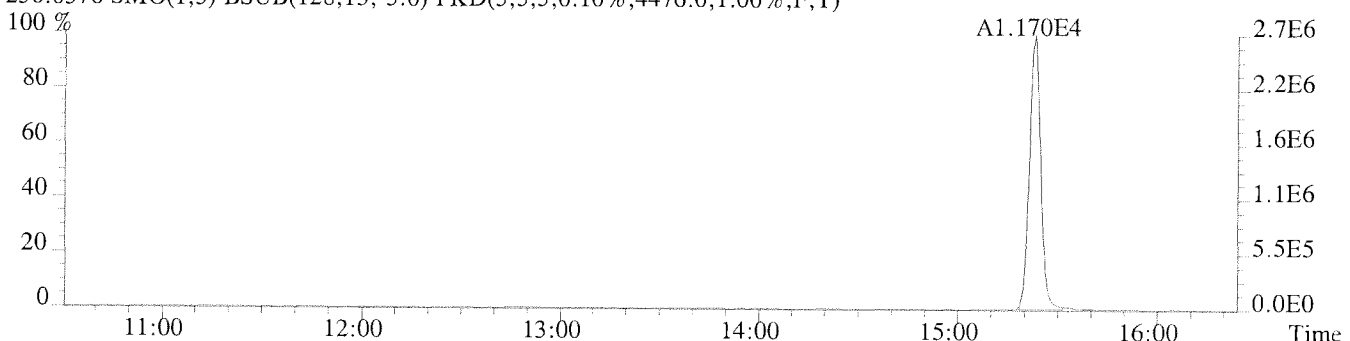
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,48824.0,1.00%,F,T)



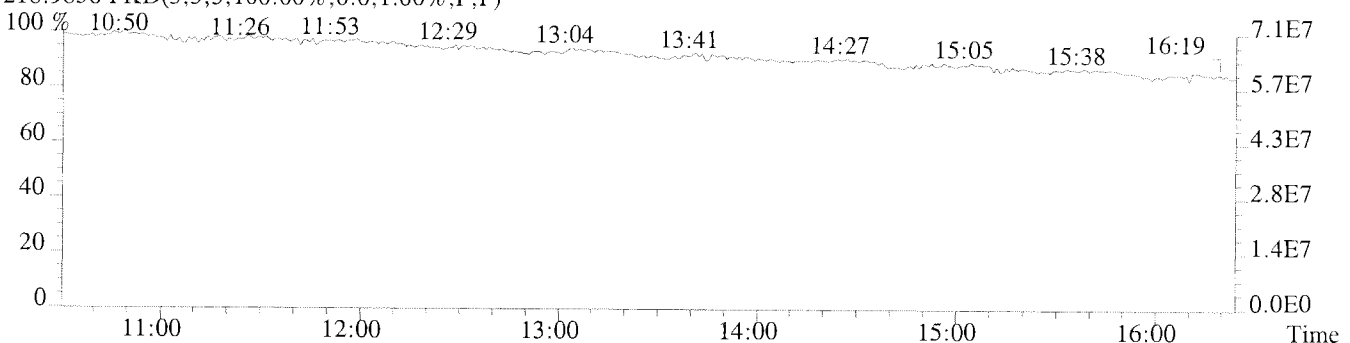
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4152.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4476.0,1.00%,F,T)



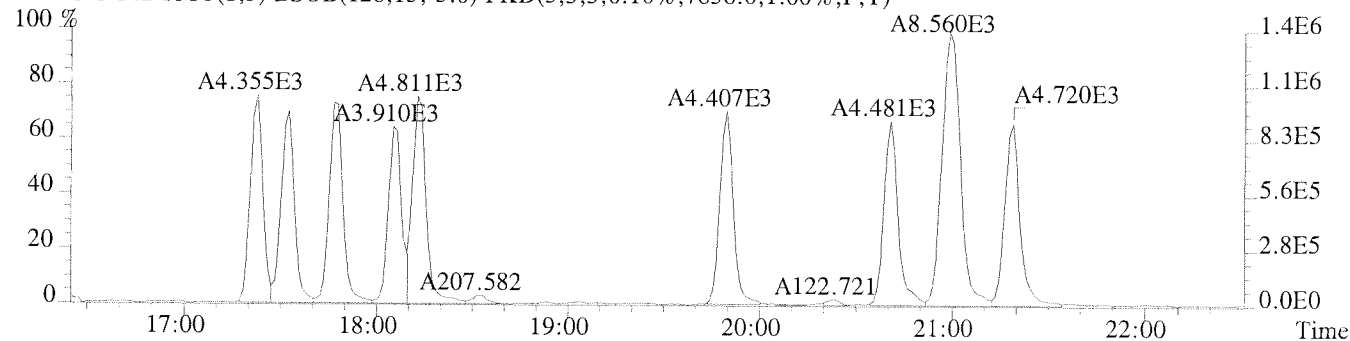
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



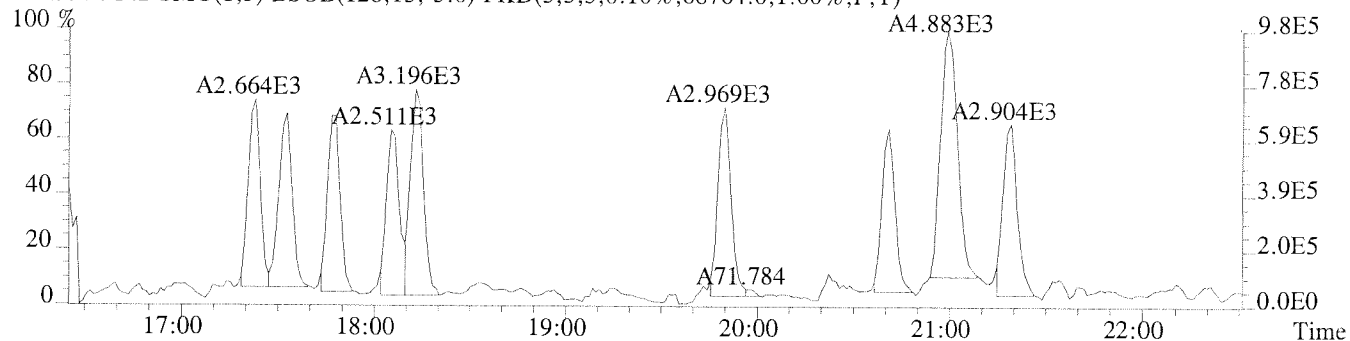
File:U224759 #1-337 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

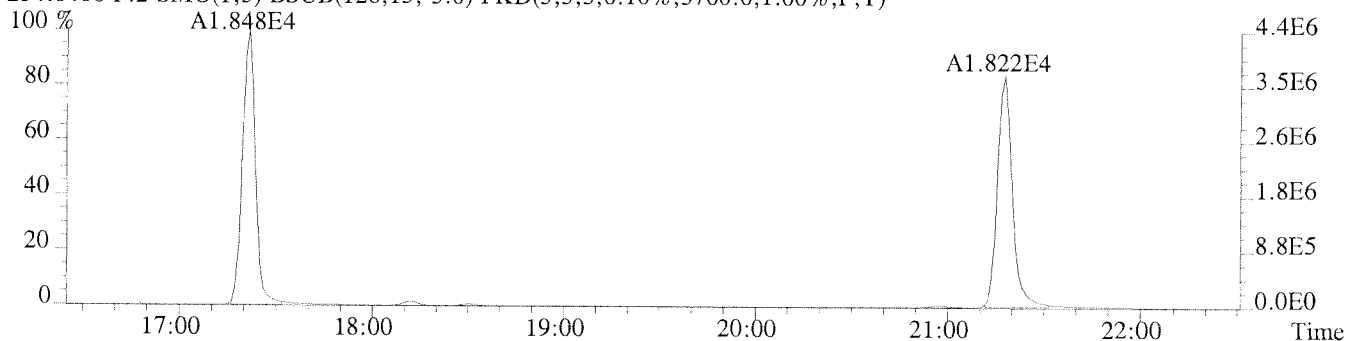
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7836.0,1.00%,F,T)



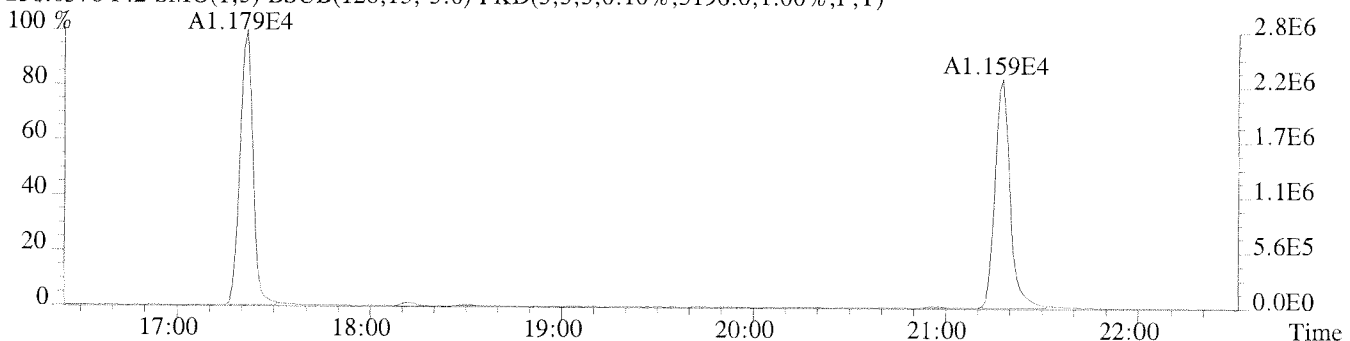
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,68764.0,1.00%,F,T)



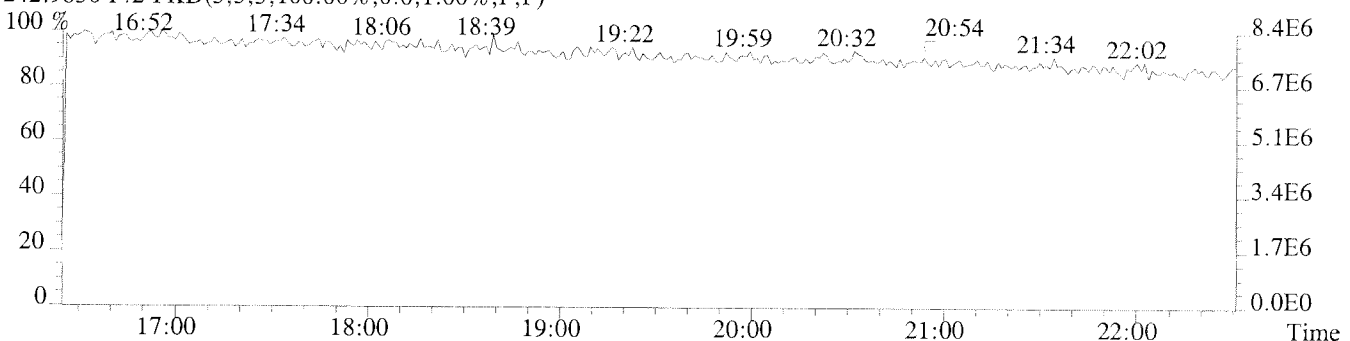
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3700.0,1.00%,F,T)

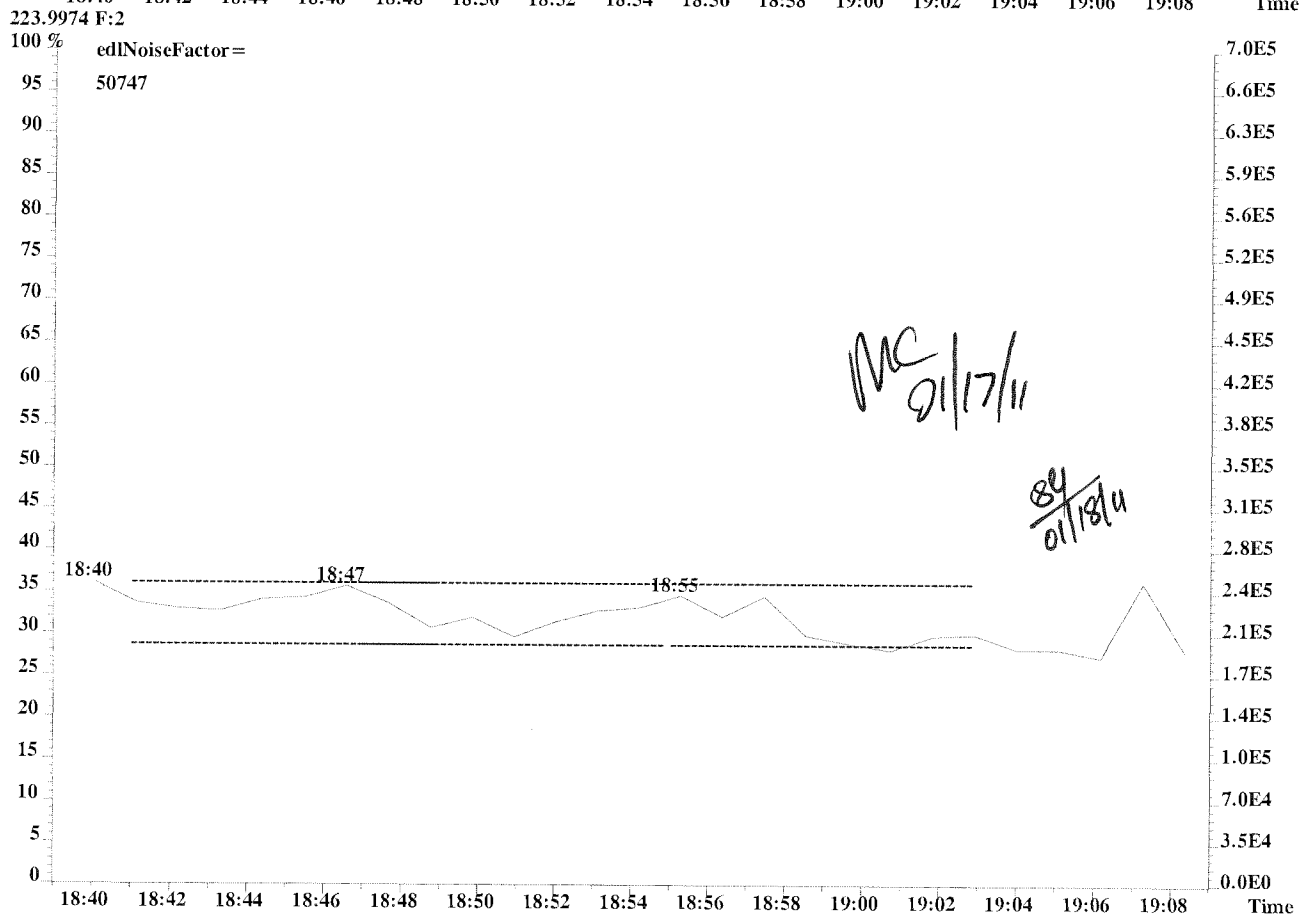
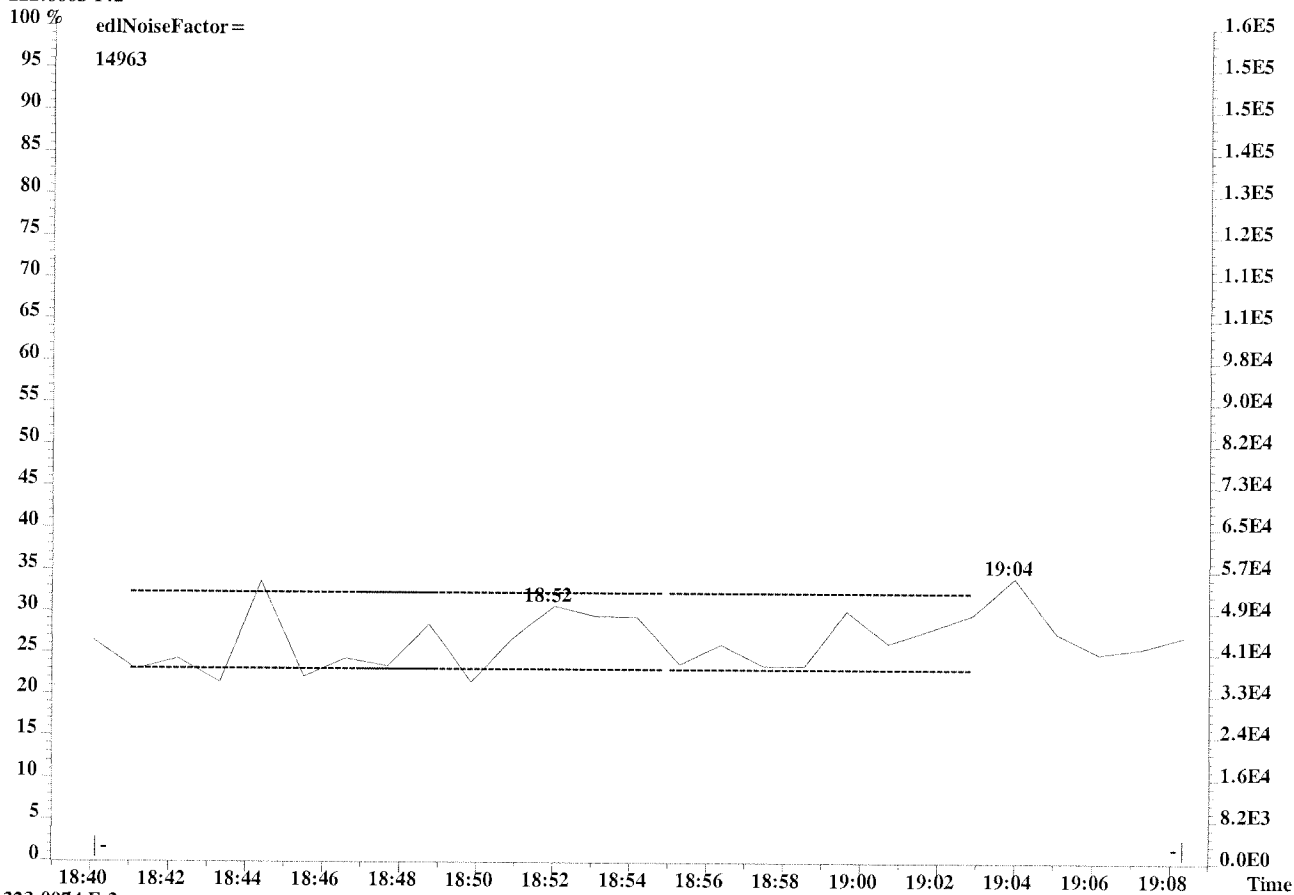


236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5196.0,1.00%,F,T)

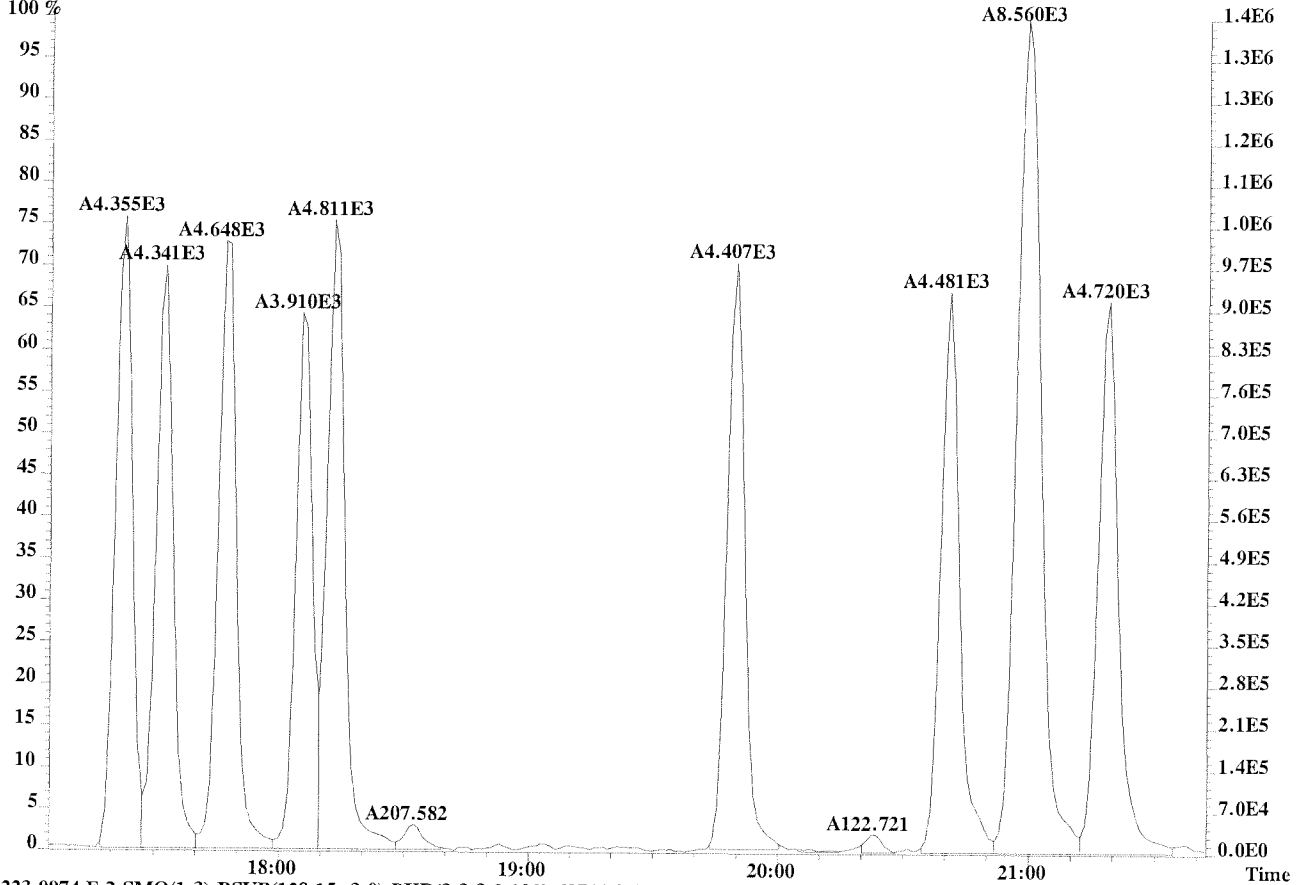


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

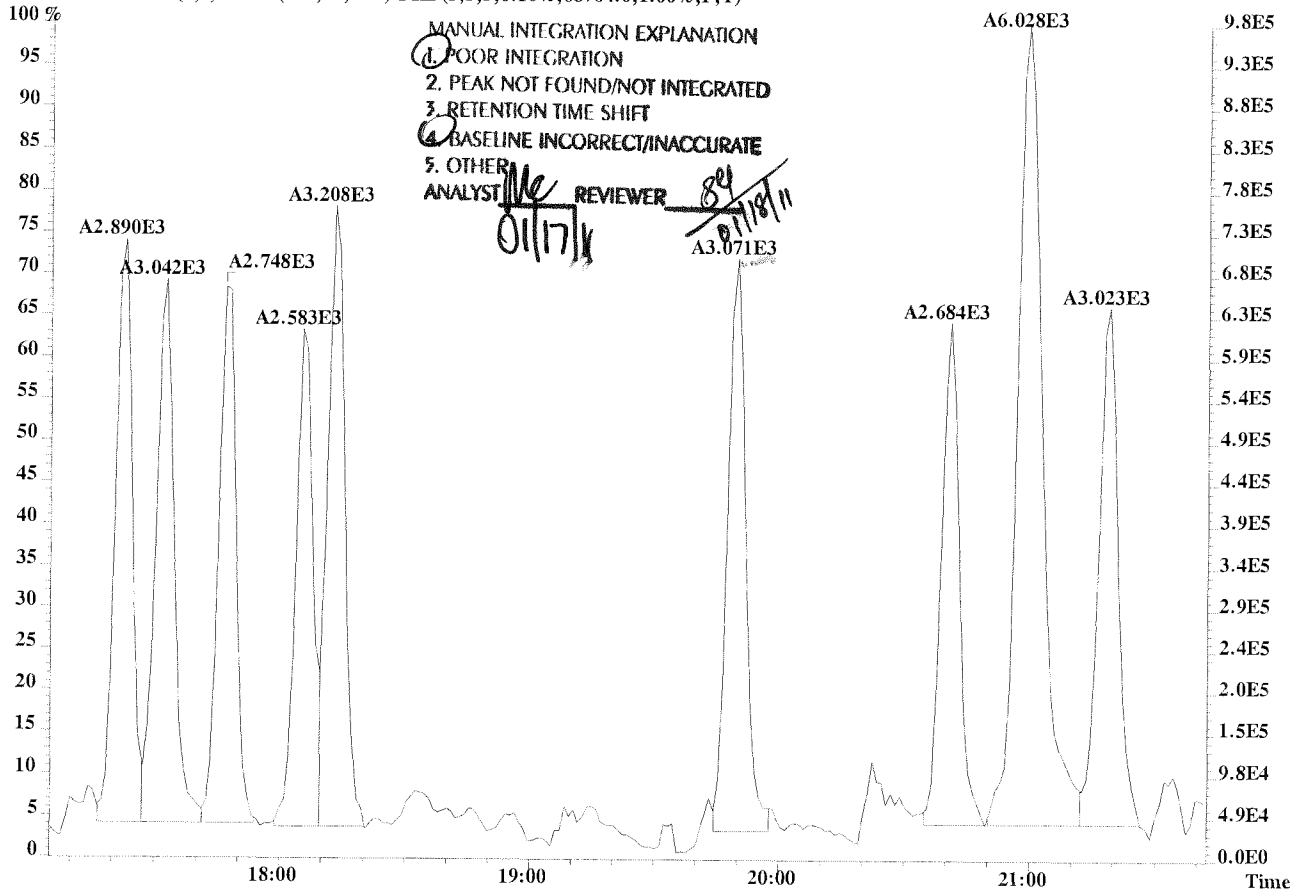




File:U224759 #1-337 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:PCB 209 INJECTION
 222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7836.0,1.00%,F,T)



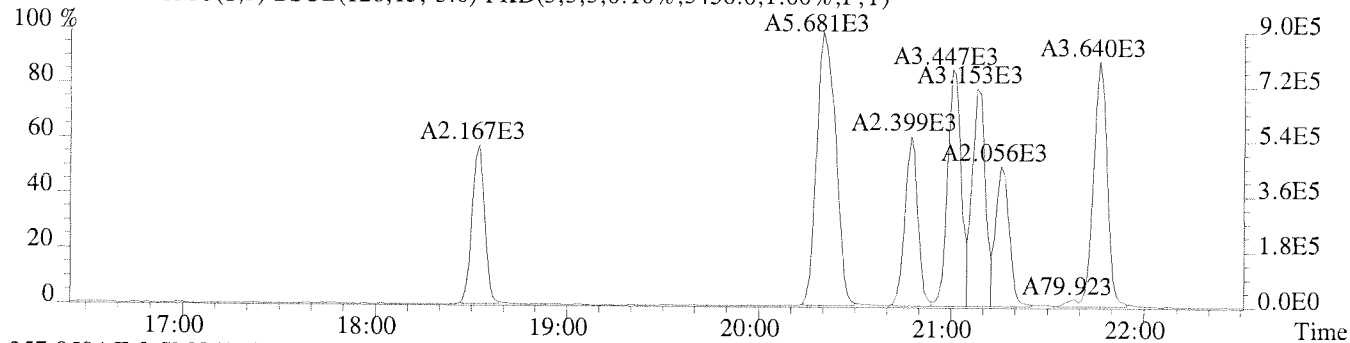
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,68764.0,1.00%,F,T)



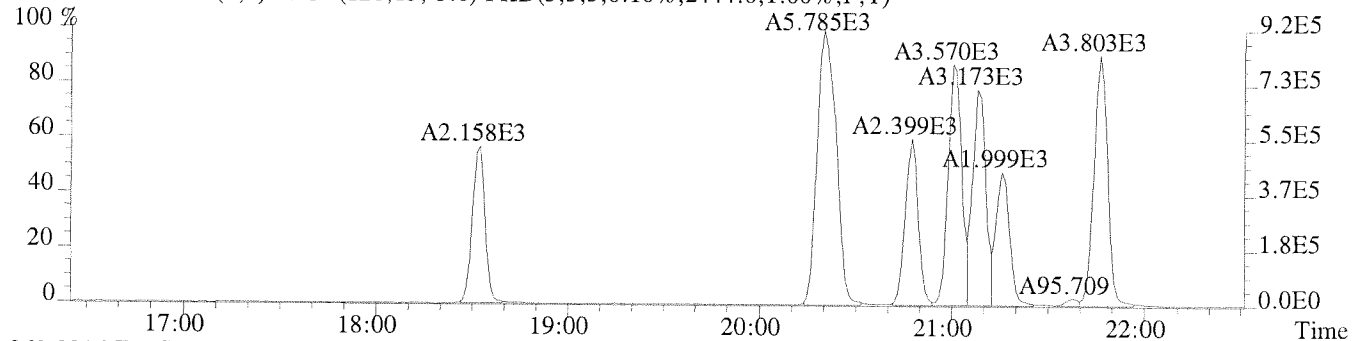
File:U224759 #1-337 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

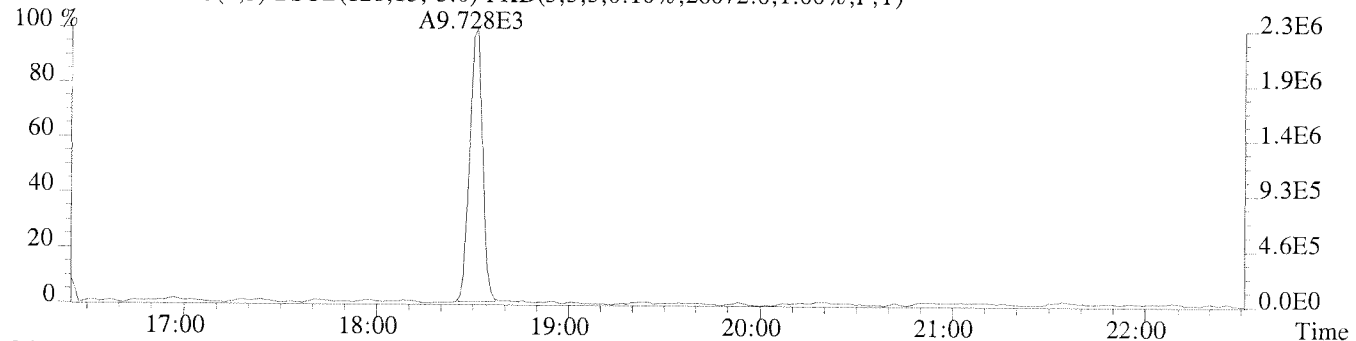
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3456.0,1.00%,F,T)



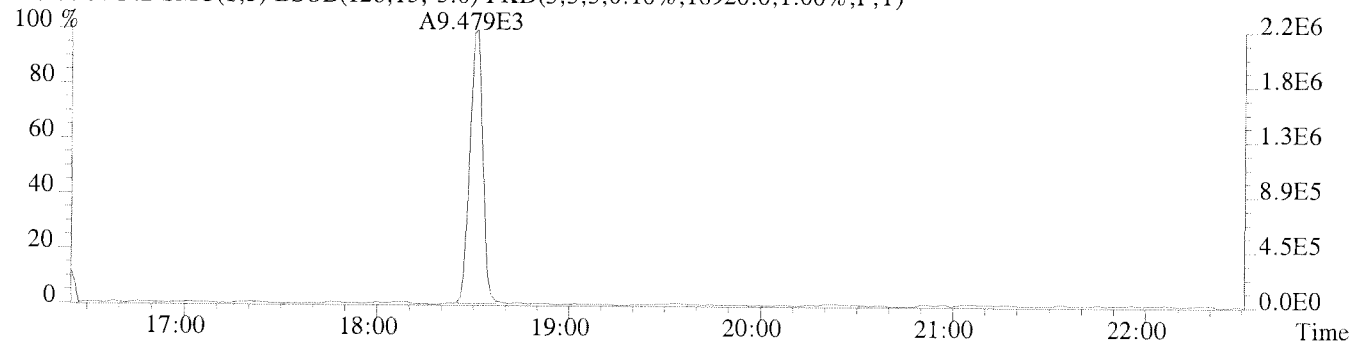
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2444.0,1.00%,F,T)



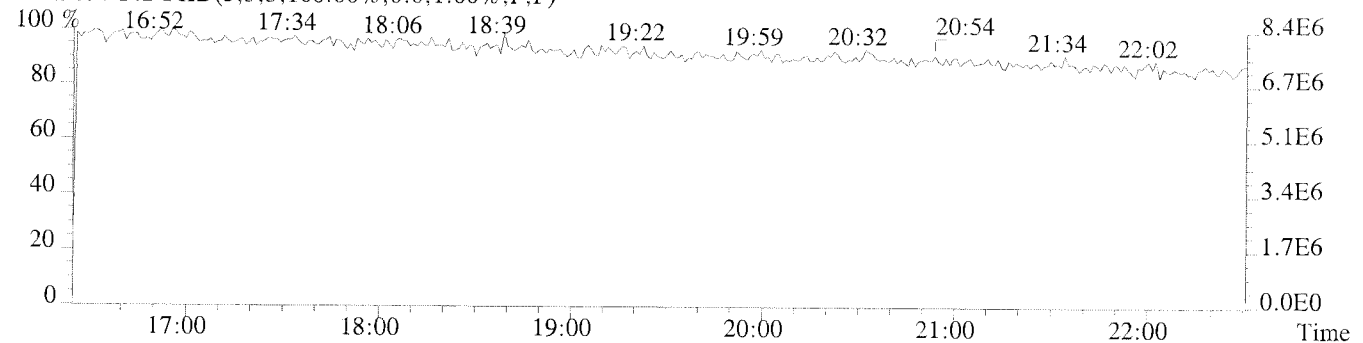
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,26072.0,1.00%,F,T)



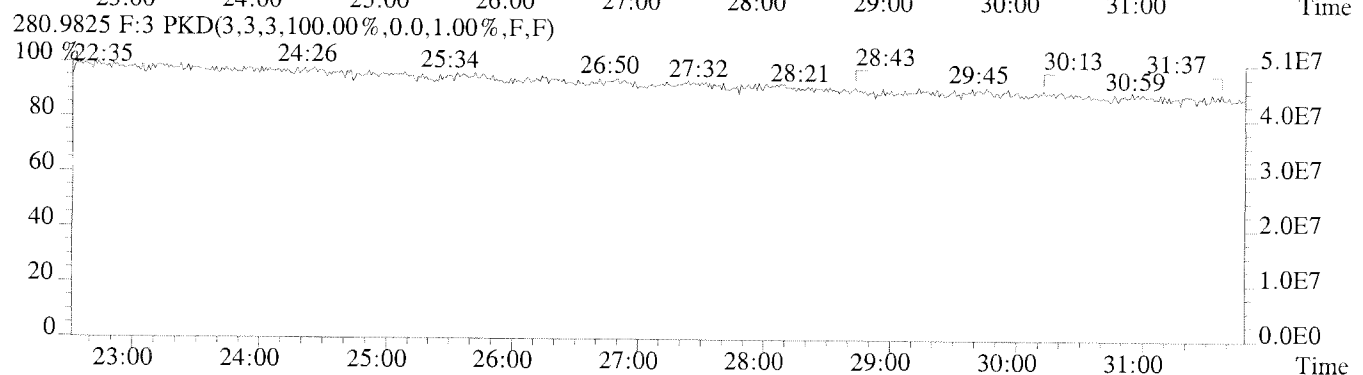
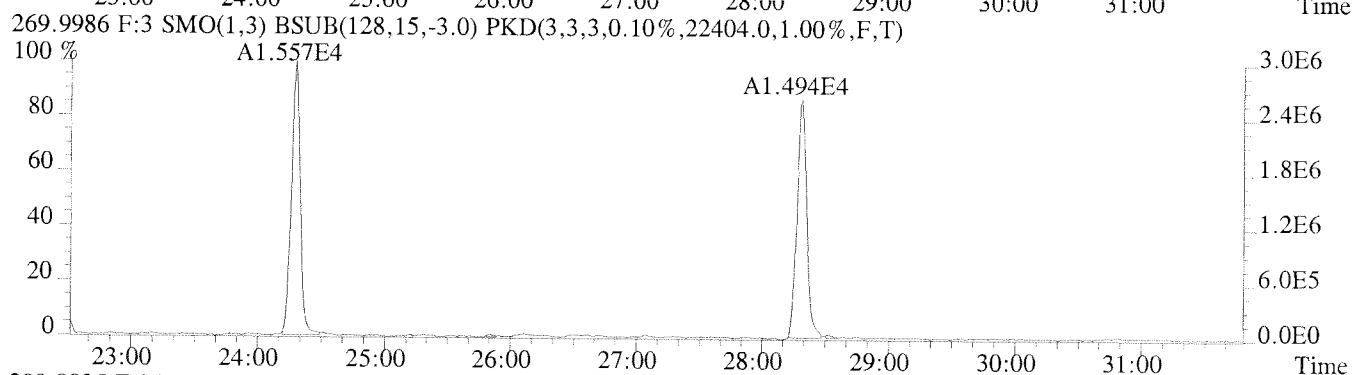
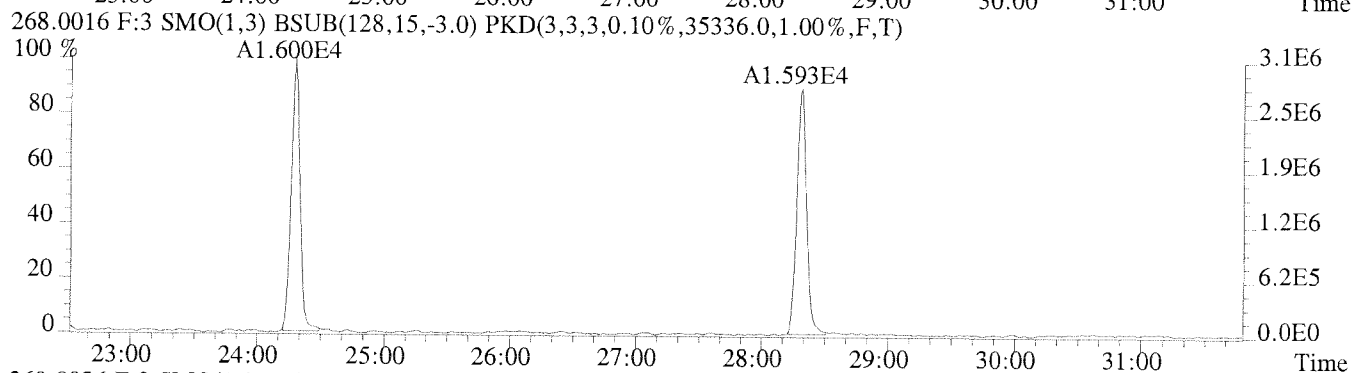
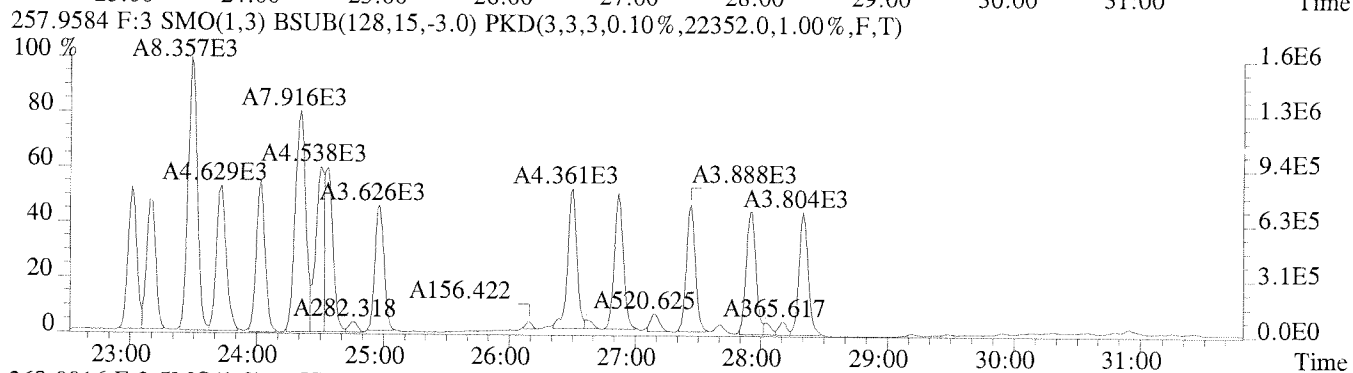
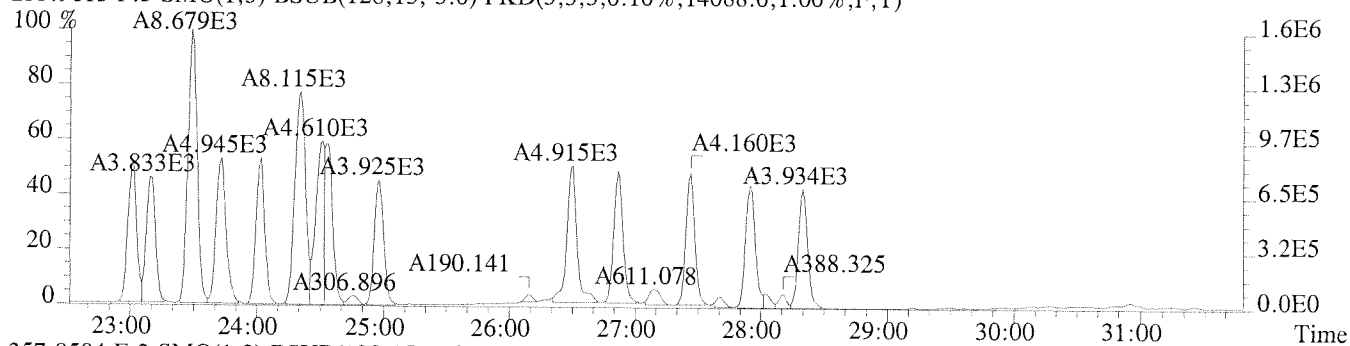
269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16920.0,1.00%,F,T)



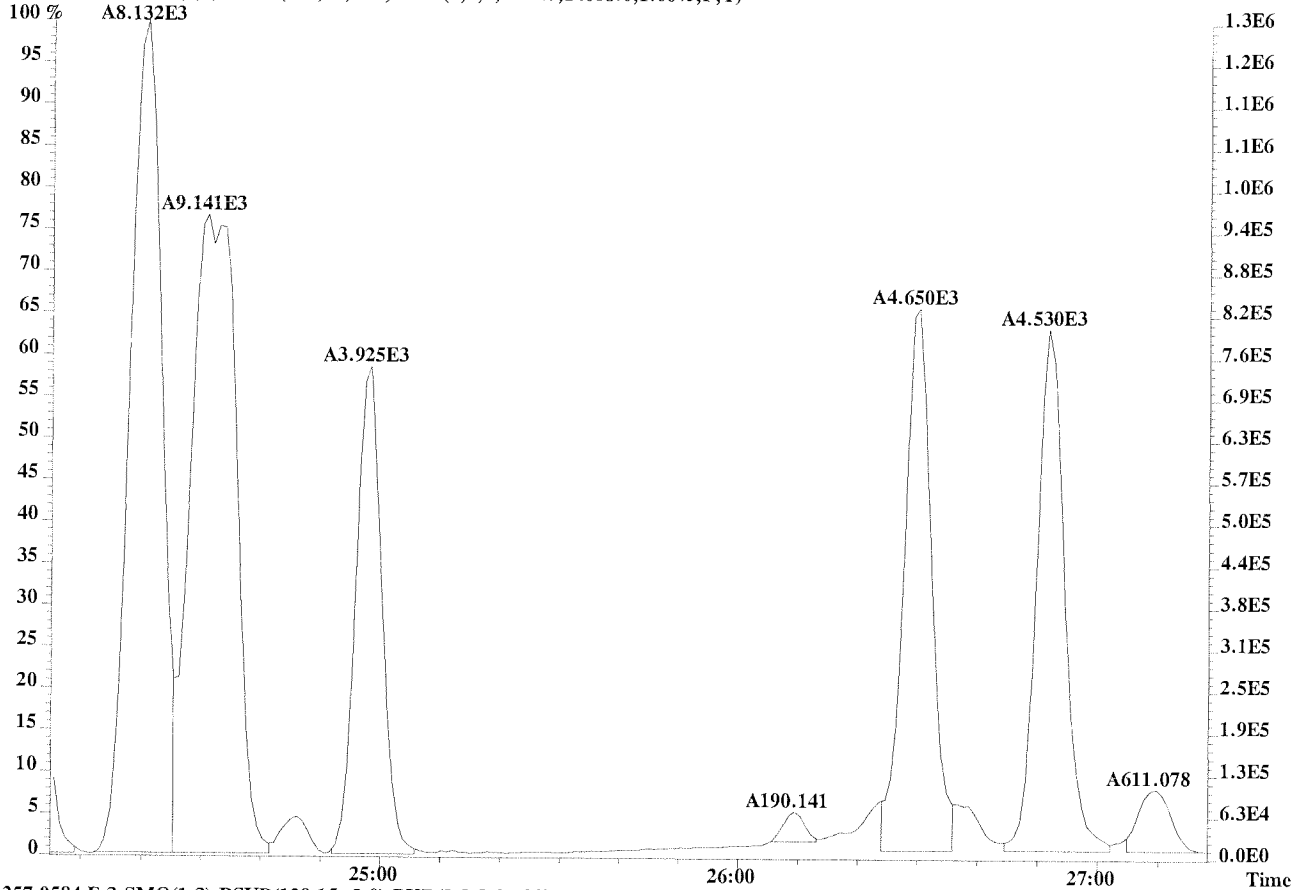
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



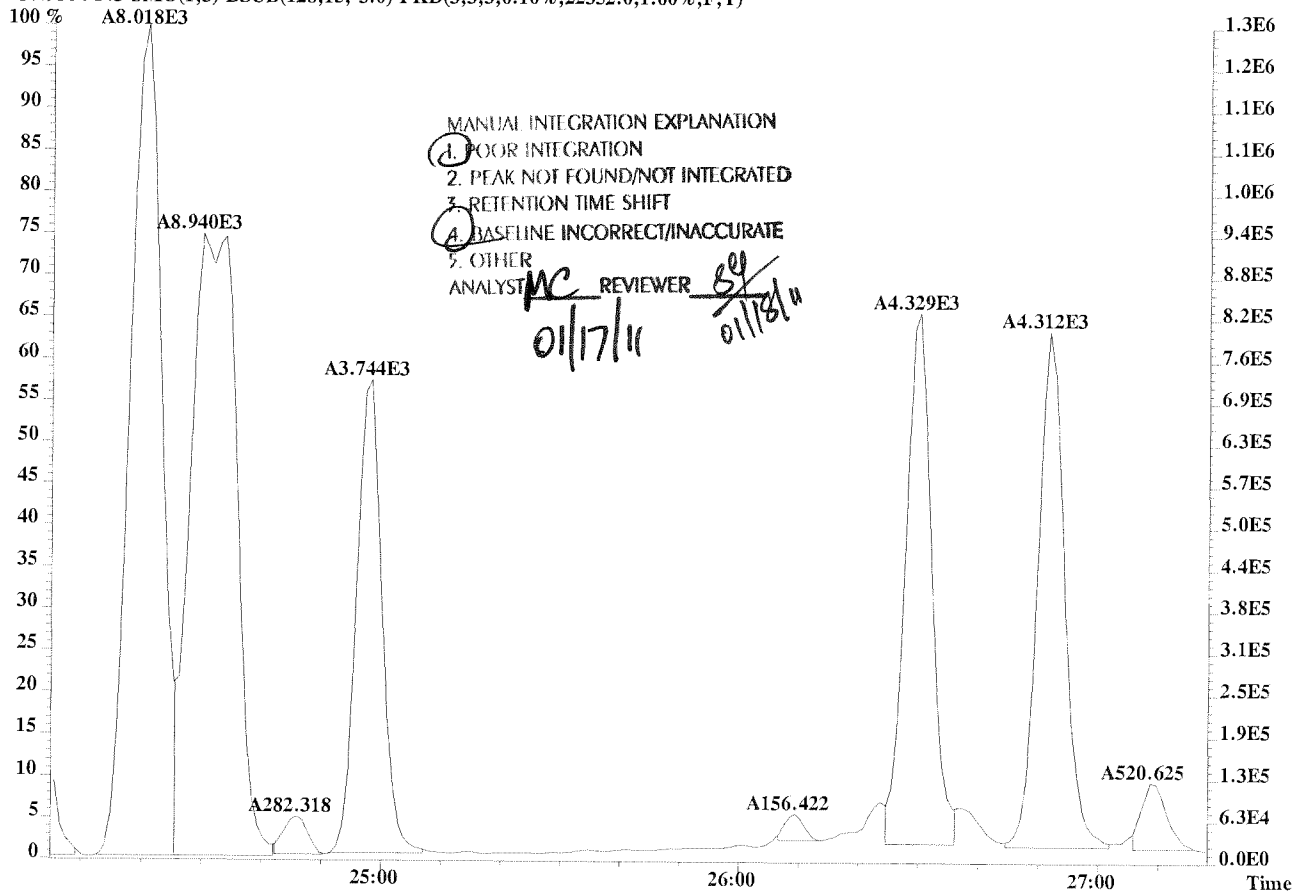
File:U224759 #1-594 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION



File:U224759 #1-594 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:PCB 209 INJECTION
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14088.0,1.00%,F,T)



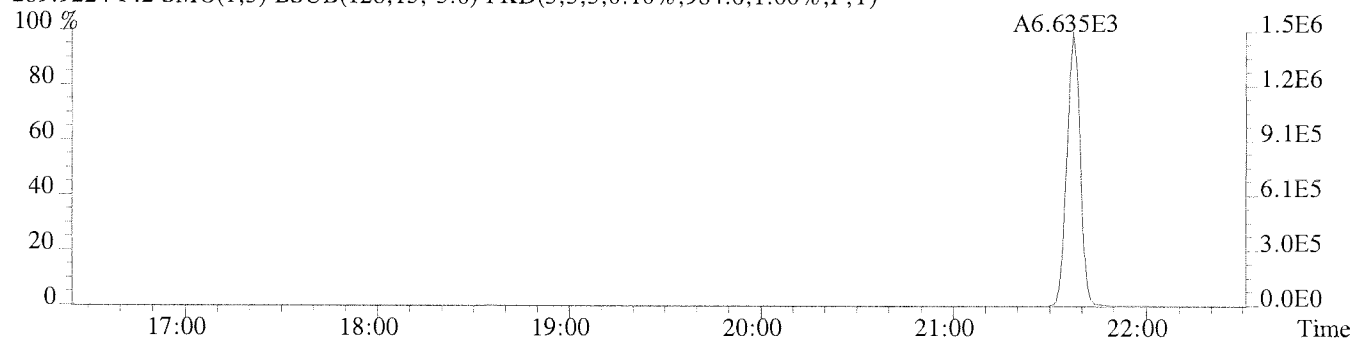
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,22352.0,1.00%,F,T)



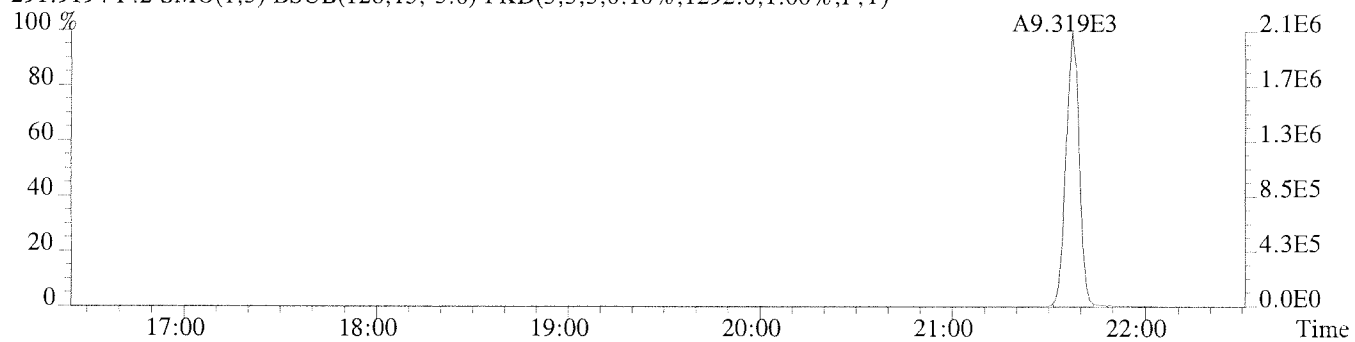
File:U224759 #1-337 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

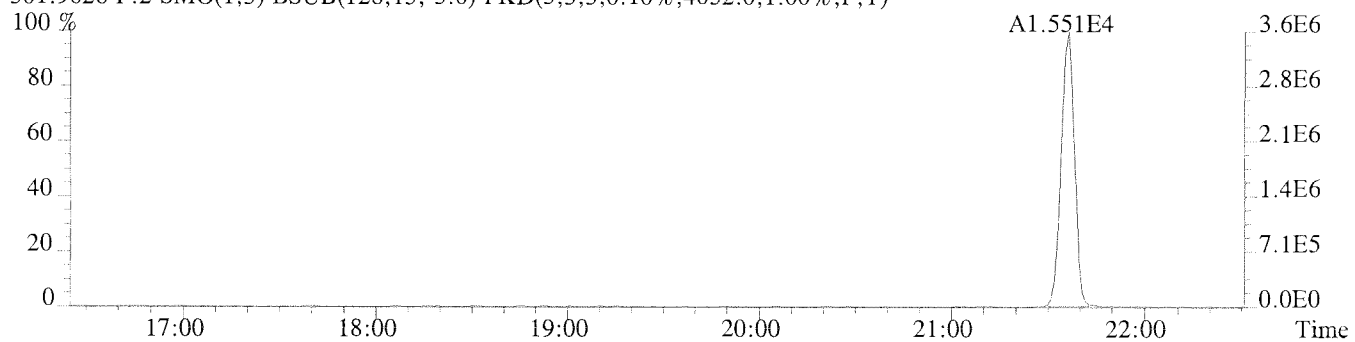
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,984.0,1.00%,F,T)



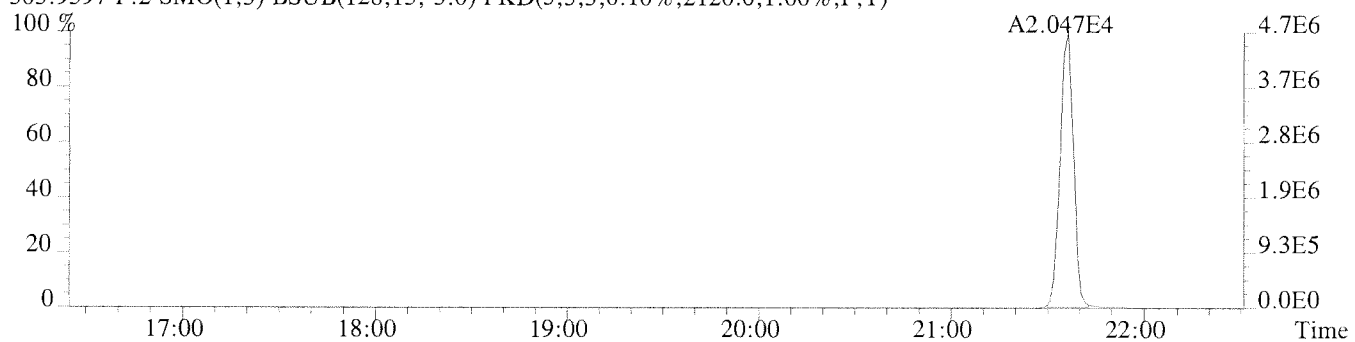
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1292.0,1.00%,F,T)



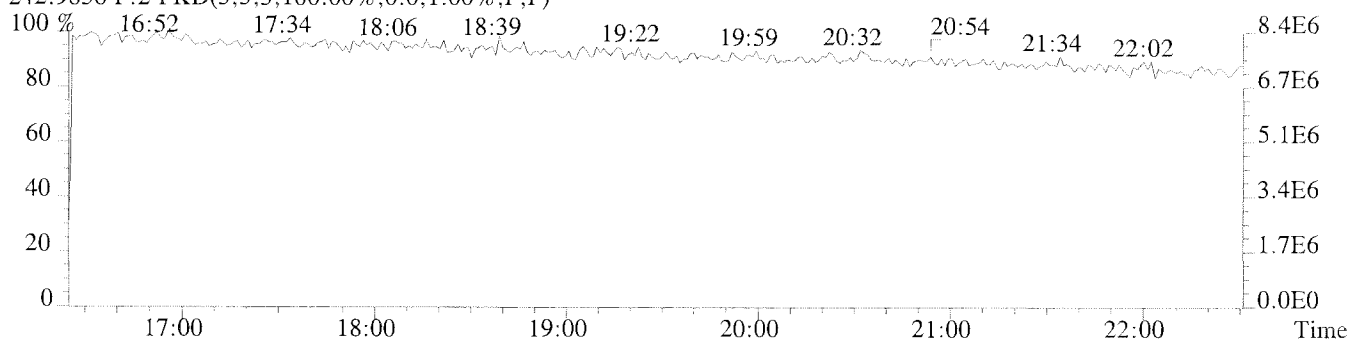
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4052.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2120.0,1.00%,F,T)

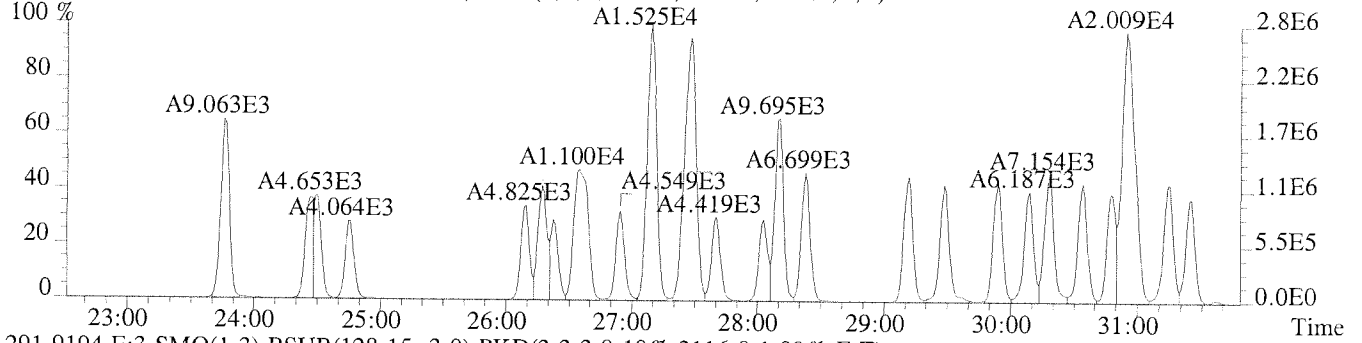


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

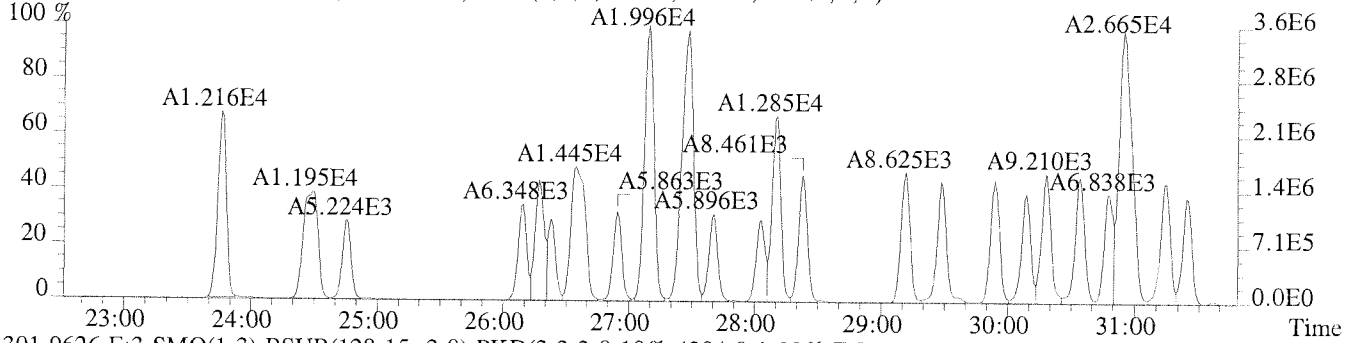


File:U224759 #1-594 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

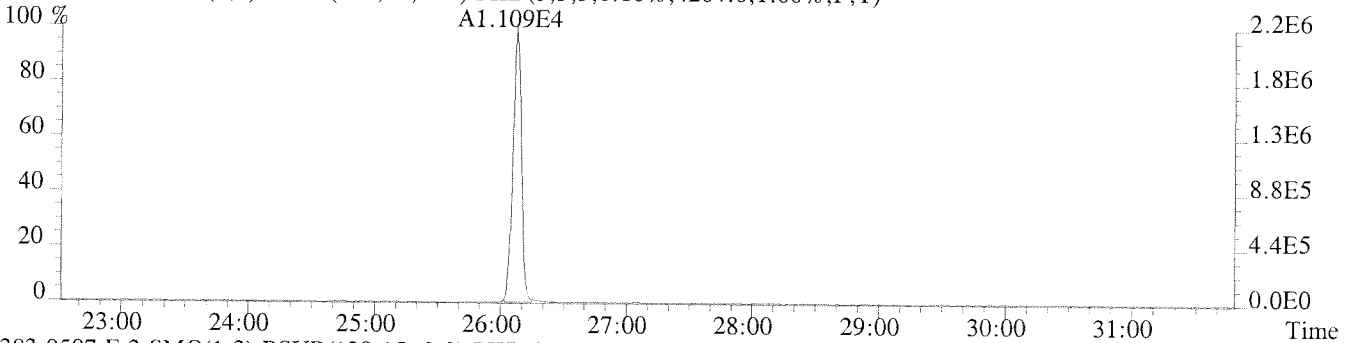
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1640.0,1.00%,F,T)



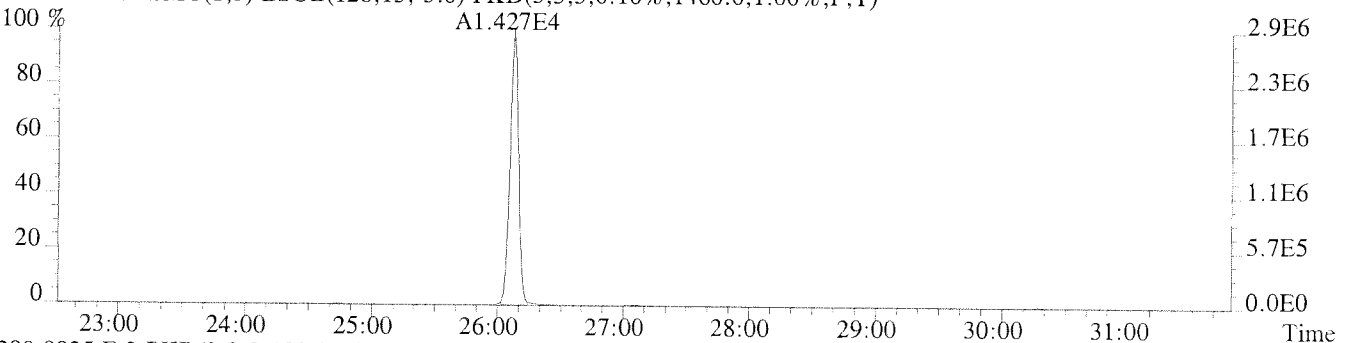
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2116.0,1.00%,F,T)



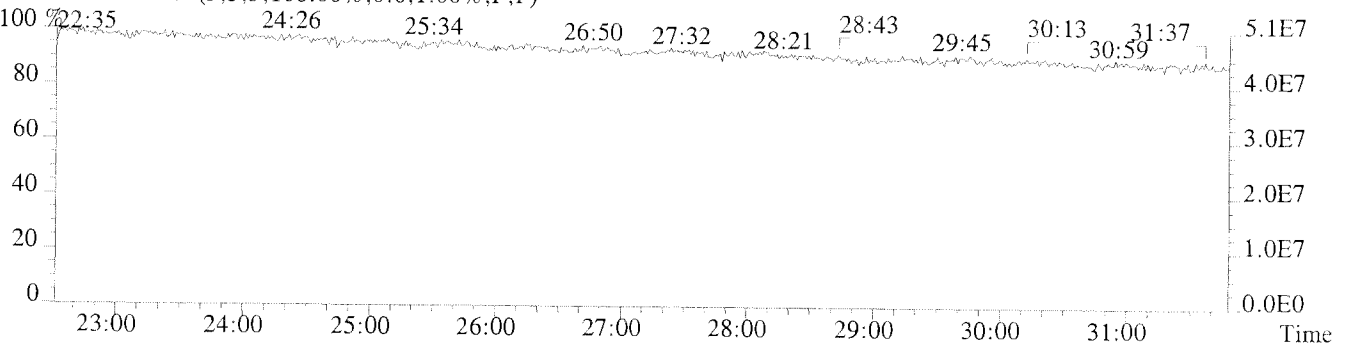
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4204.0,1.00%,F,T)



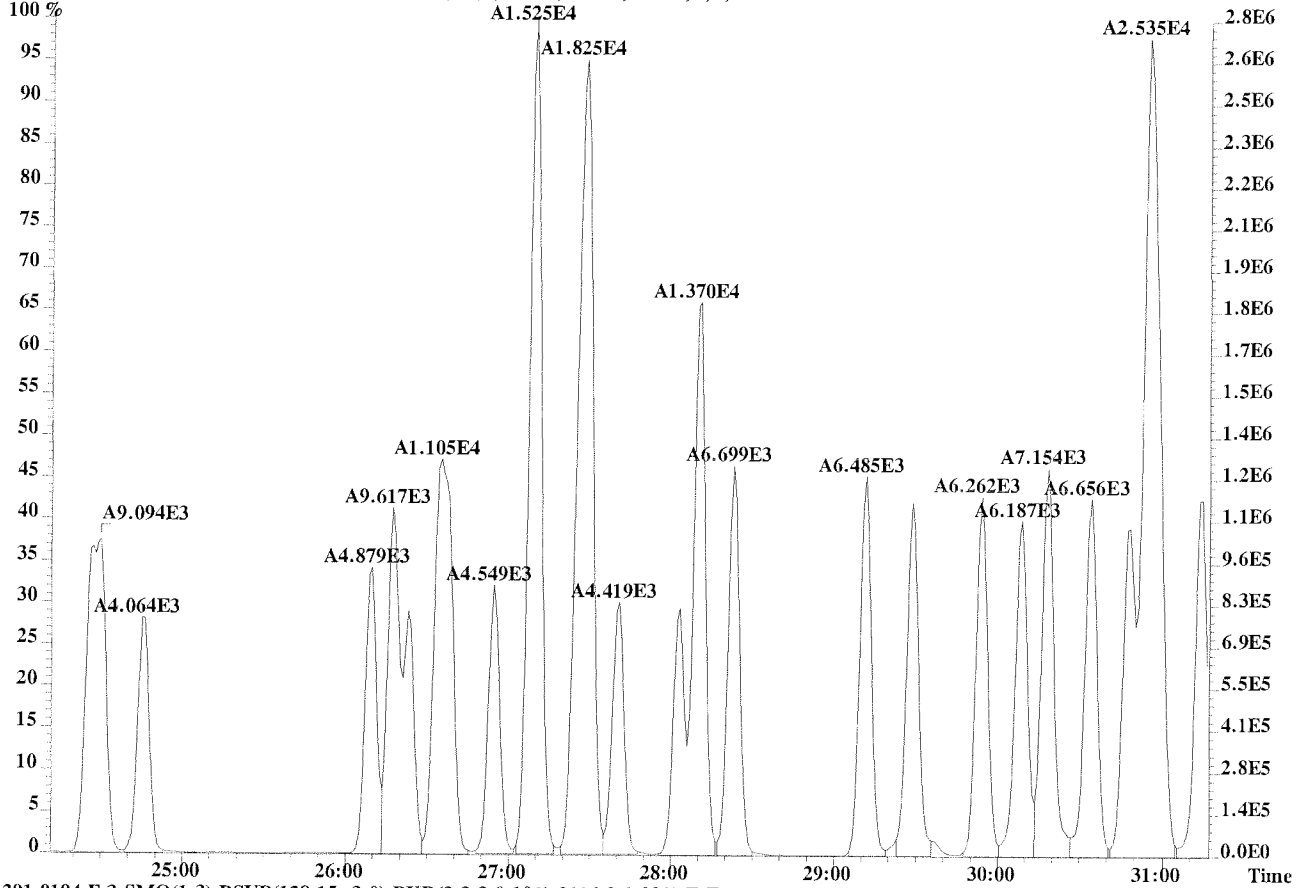
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1460.0,1.00%,F,T)



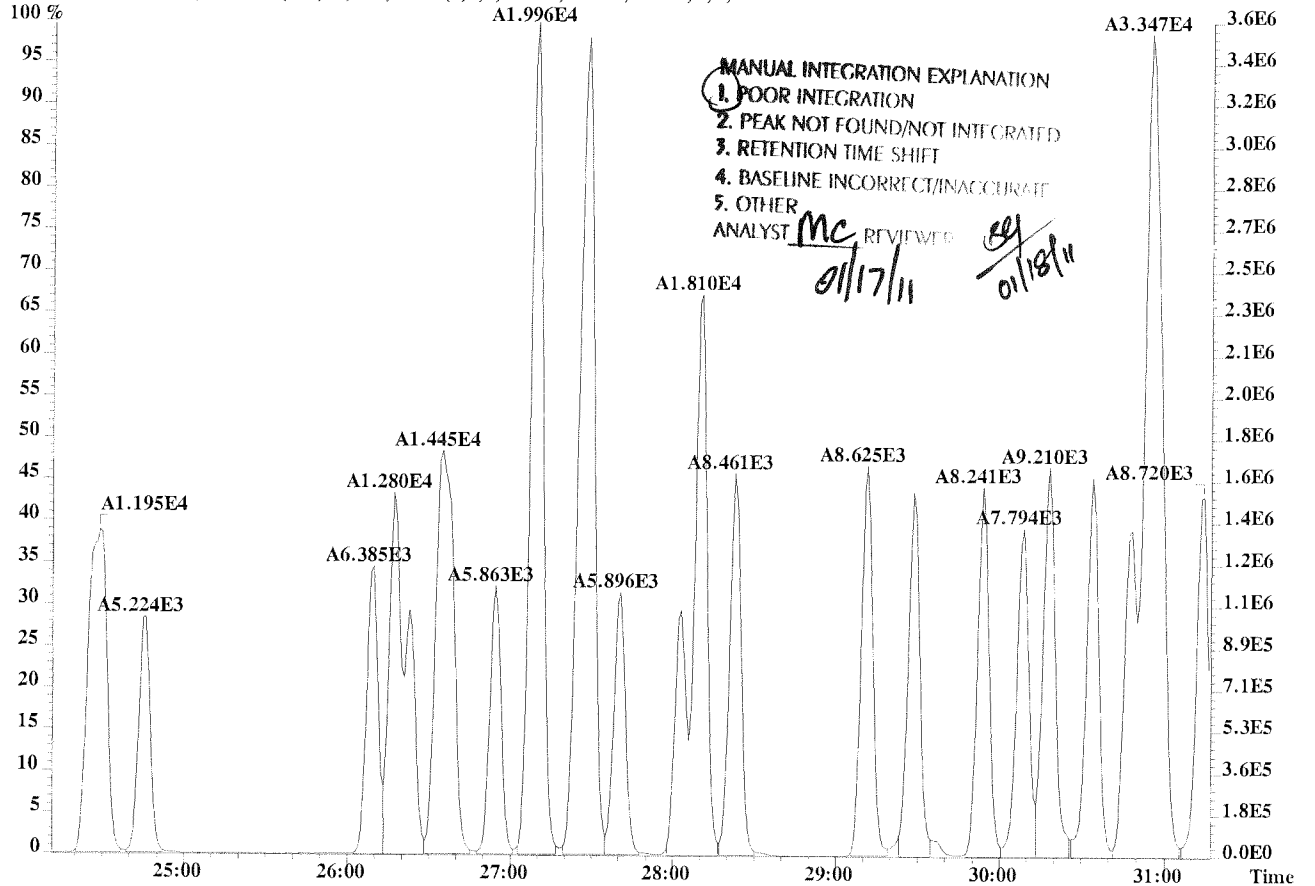
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U224759 #1-594 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:PCB 209 INJECTION
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1640.0,1.00%,F,T)



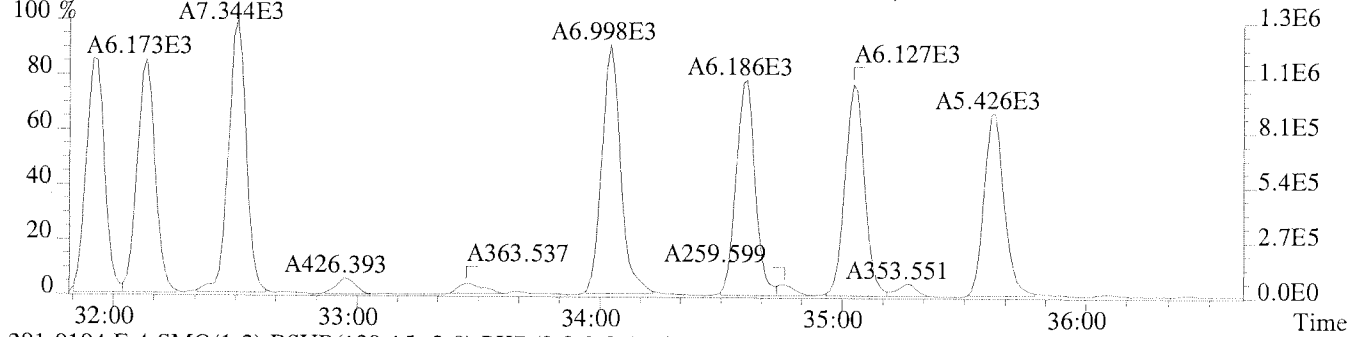
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2116.0,1.00%,F,T)



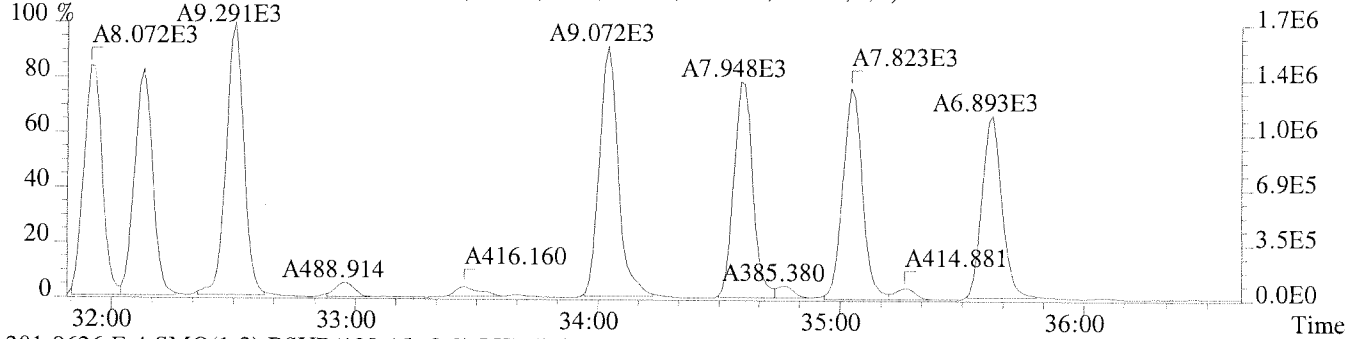
File:U224759 #1-309 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

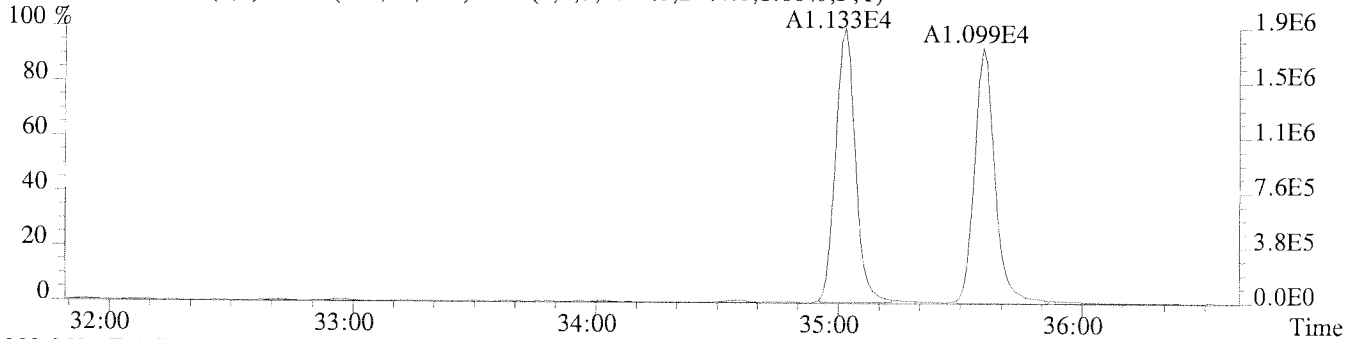
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12368.0,1.00%,F,T)



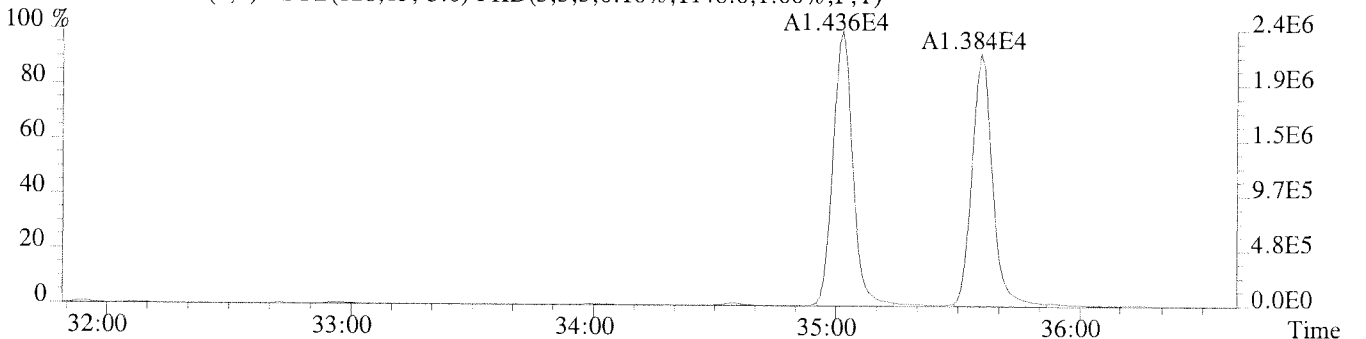
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15652.0,1.00%,F,T)



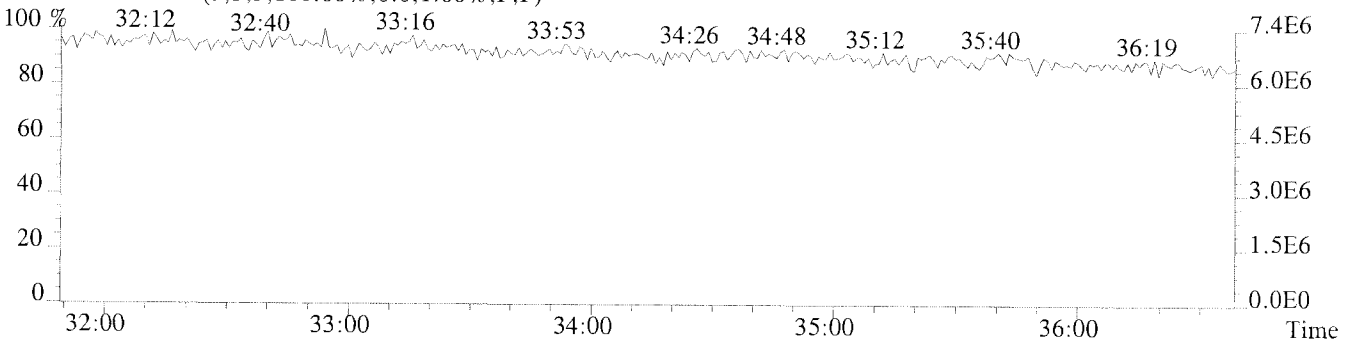
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2744.0,1.00%,F,T)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1148.0,1.00%,F,T)



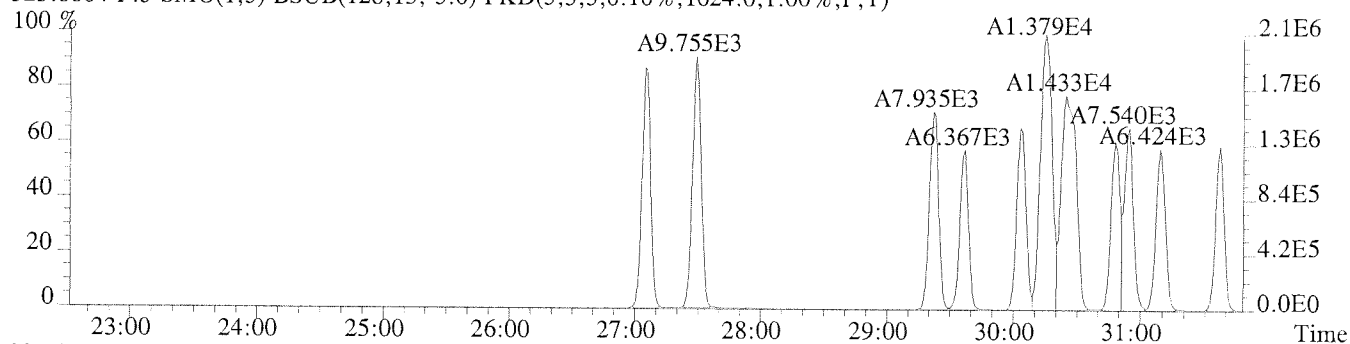
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



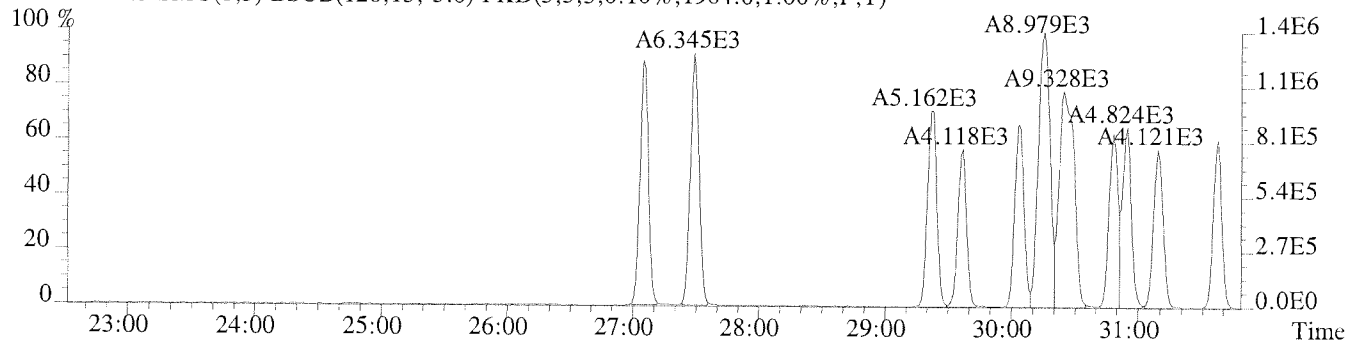
File:U224759 #1-594 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

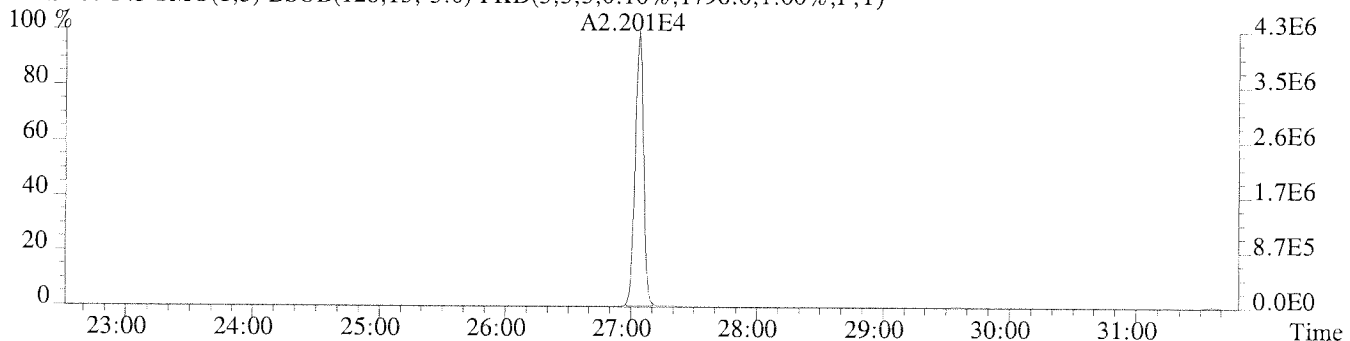
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1624.0,1.00%,F,T)



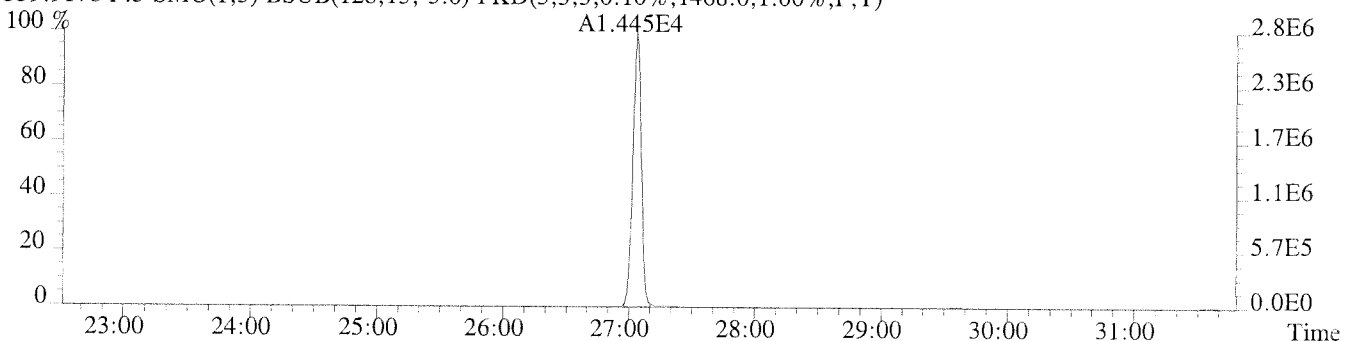
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1964.0,1.00%,F,T)



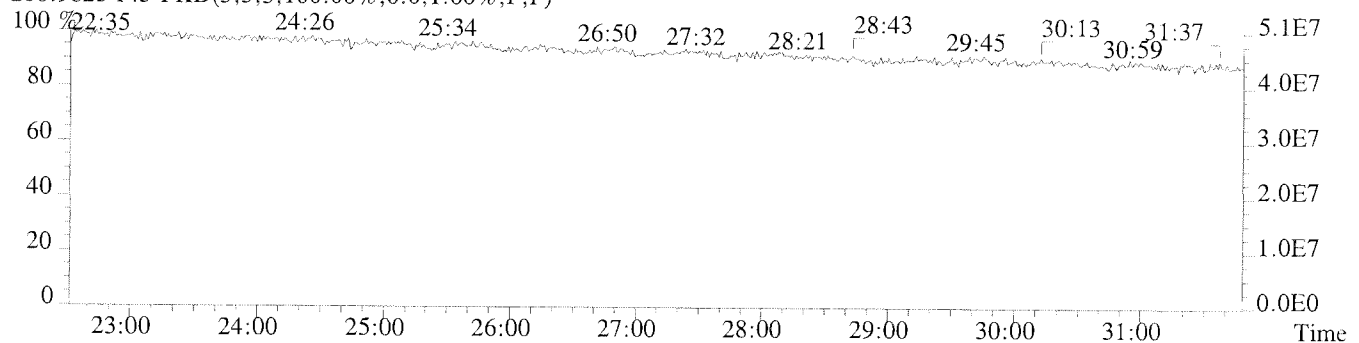
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1796.0,1.00%,F,T)



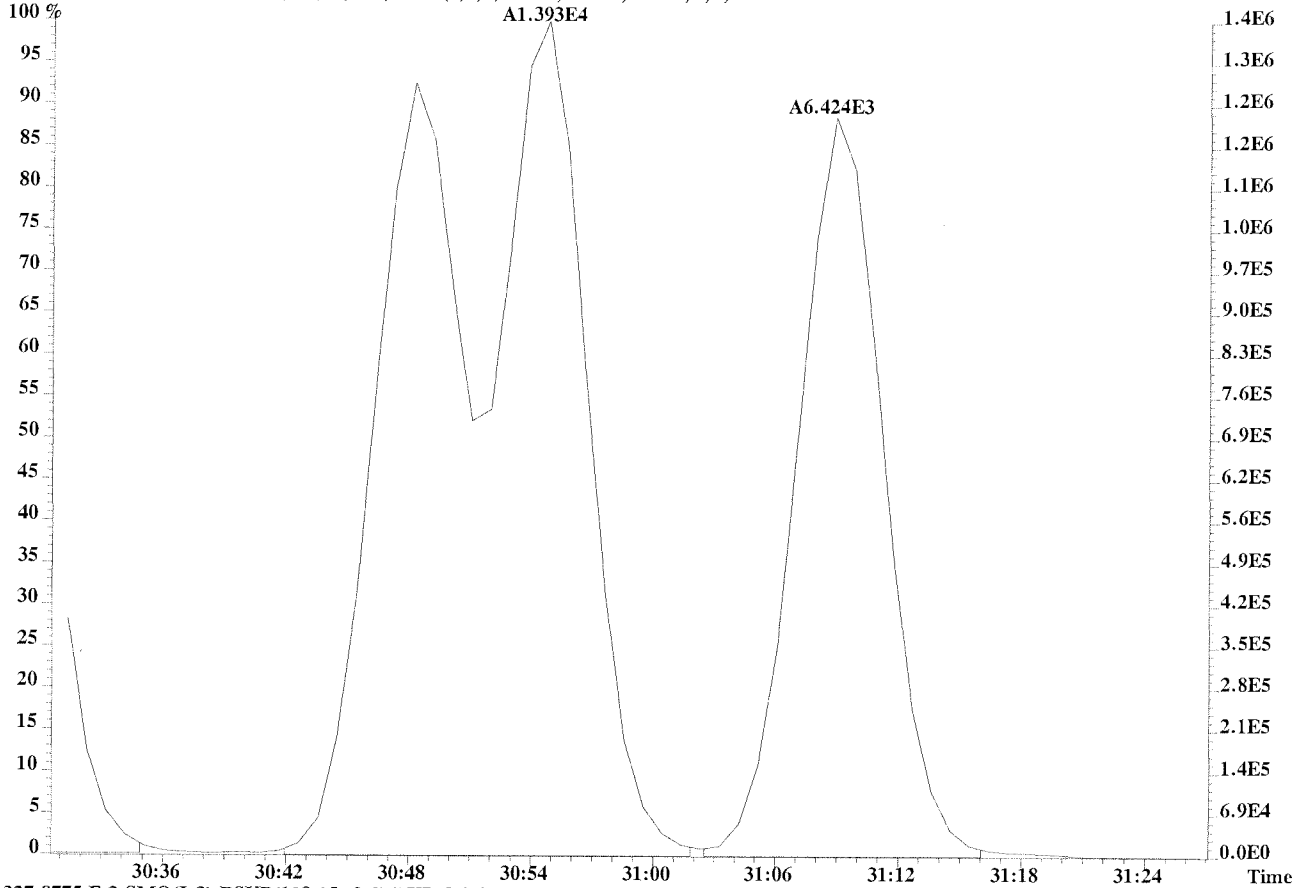
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1468.0,1.00%,F,T)



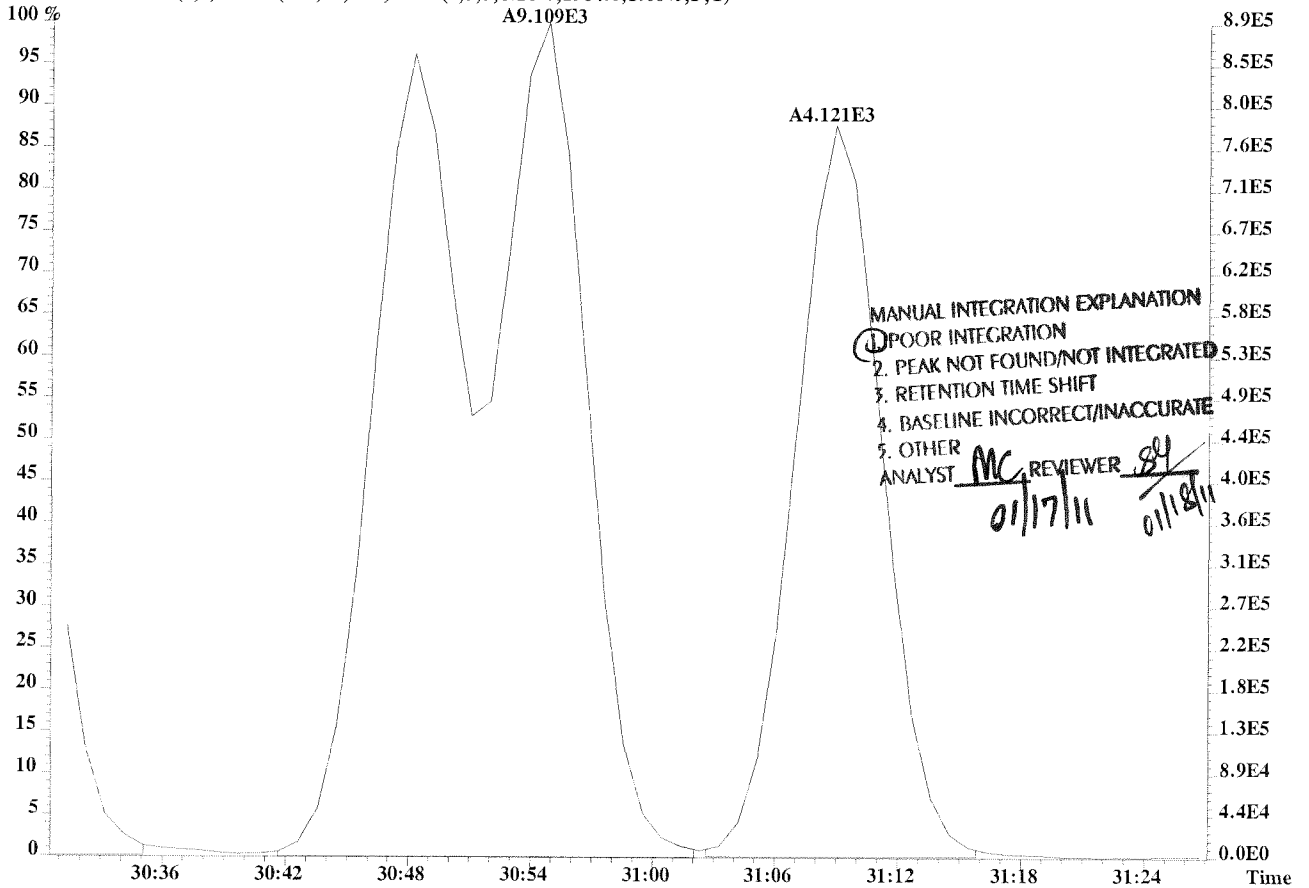
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



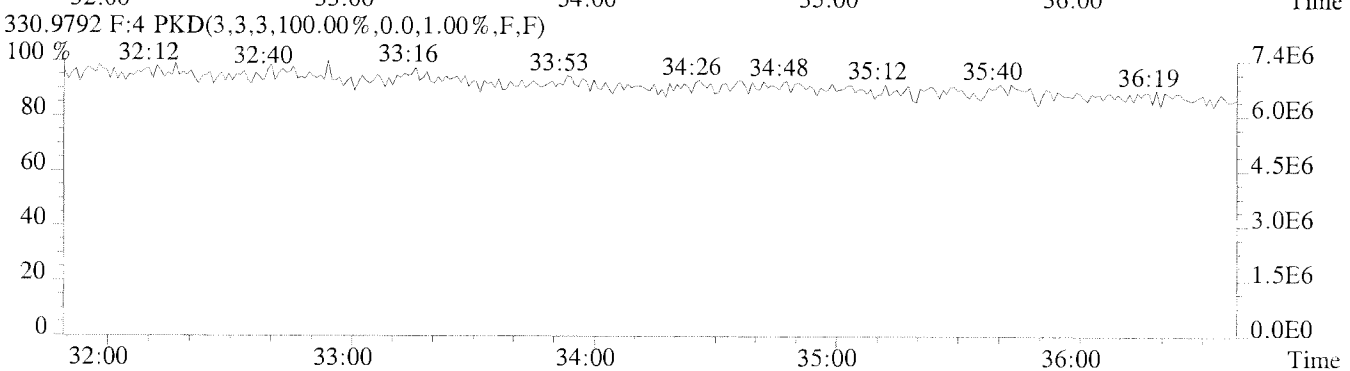
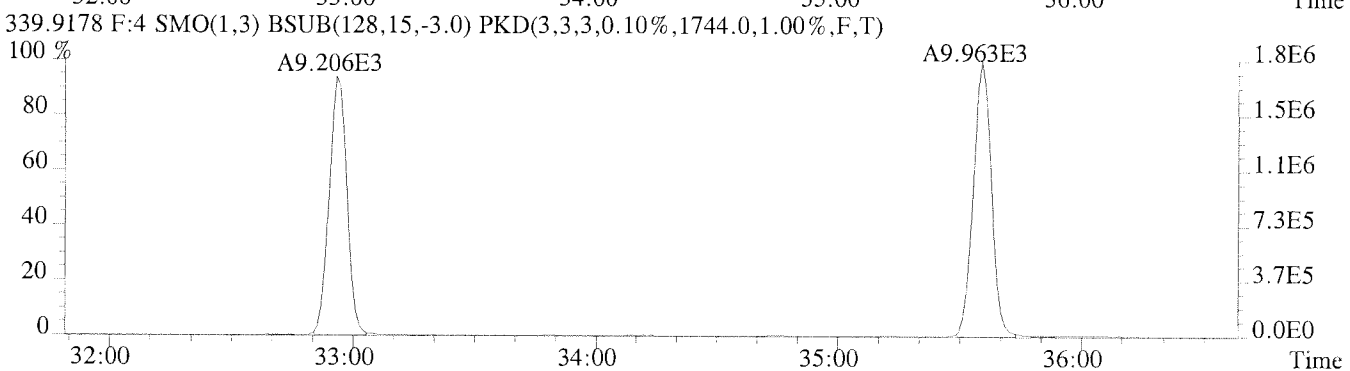
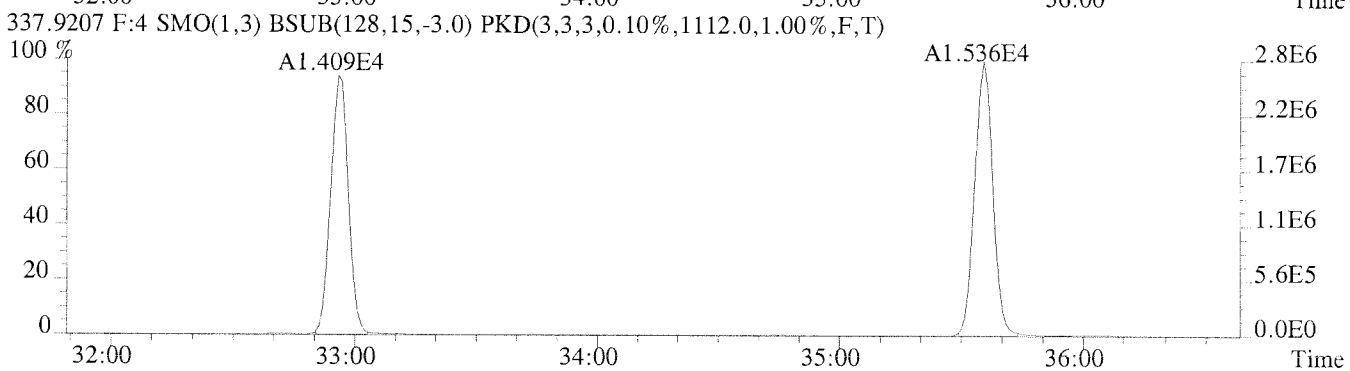
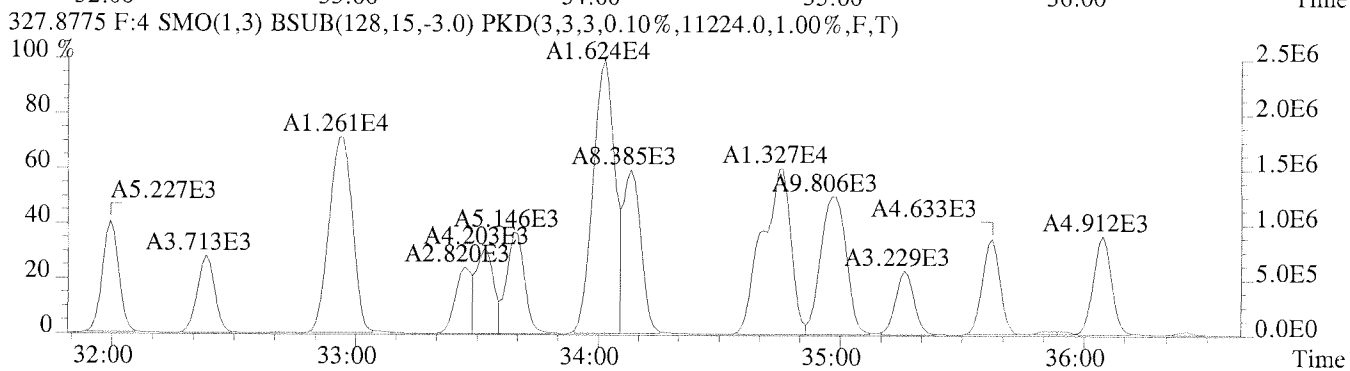
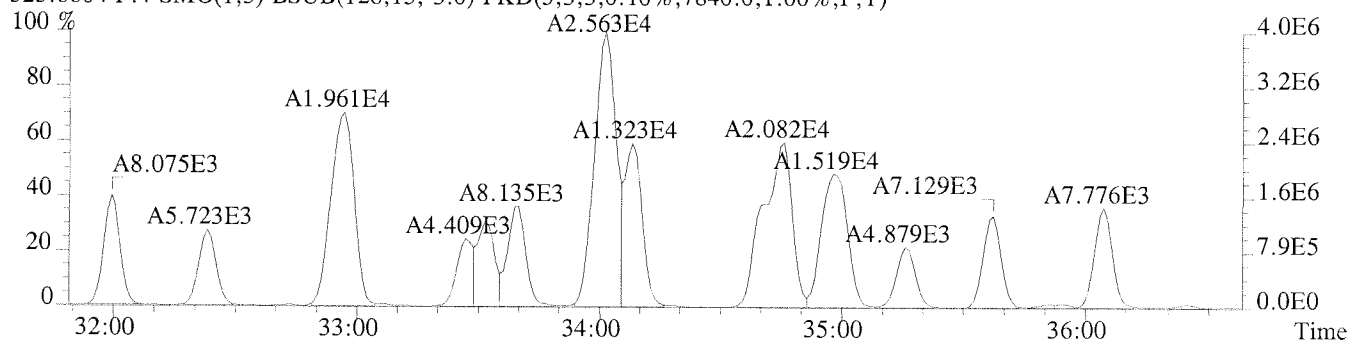
File:U224759 #1-594 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:PCB 209 INJECTION
 325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1624.0,1.00%,F,T)



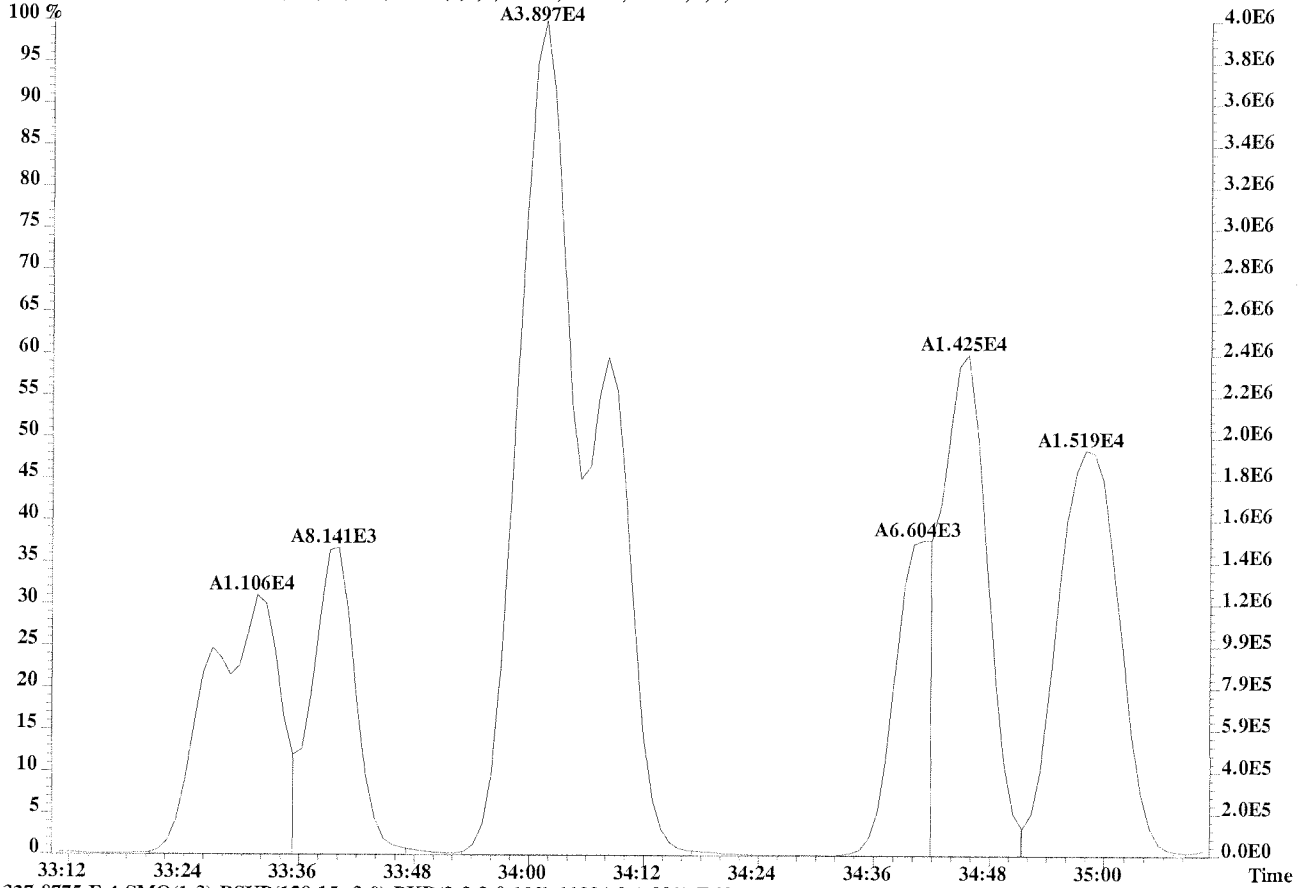
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1964.0,1.00%,F,T)



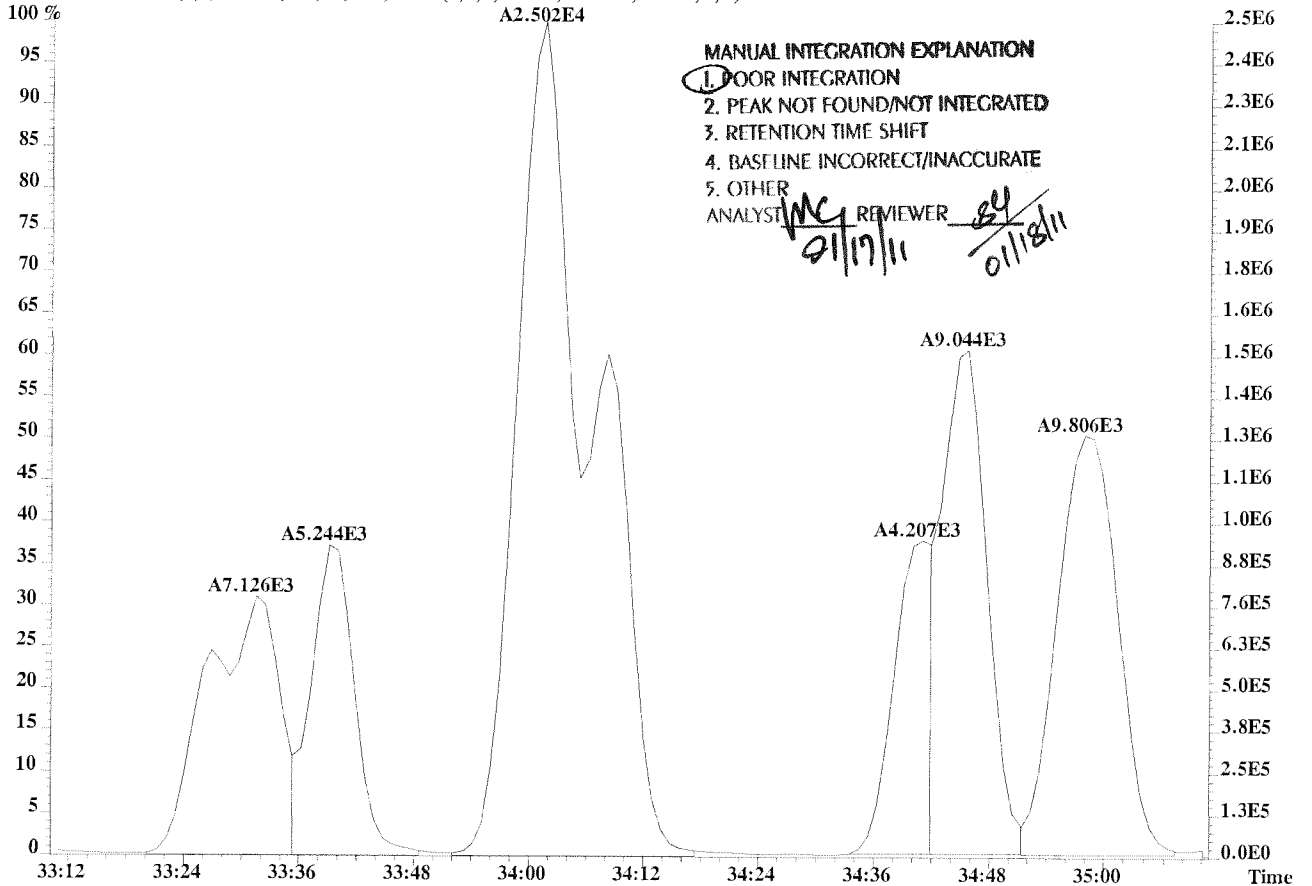
File:U224759 #1-309 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7840.0,1.00%,F,T)



File:U224759 #1-309 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:PCB 209 INJECTION
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7840.0,1.00%,F,T)



327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11224.0,1.00%,F,T)

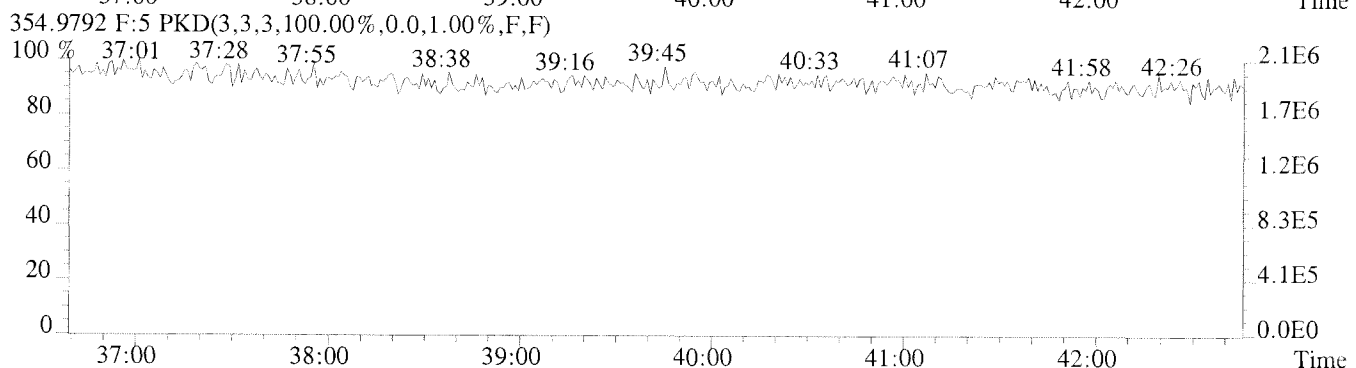
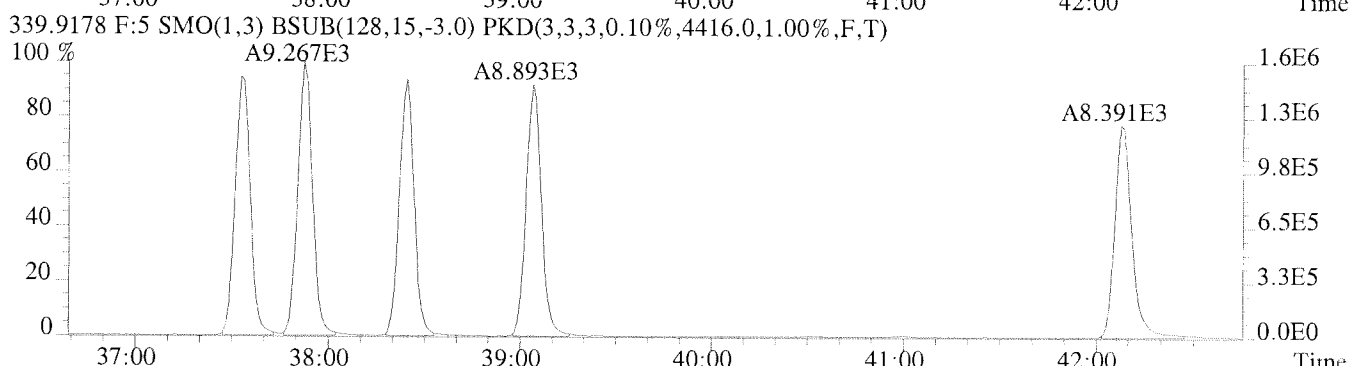
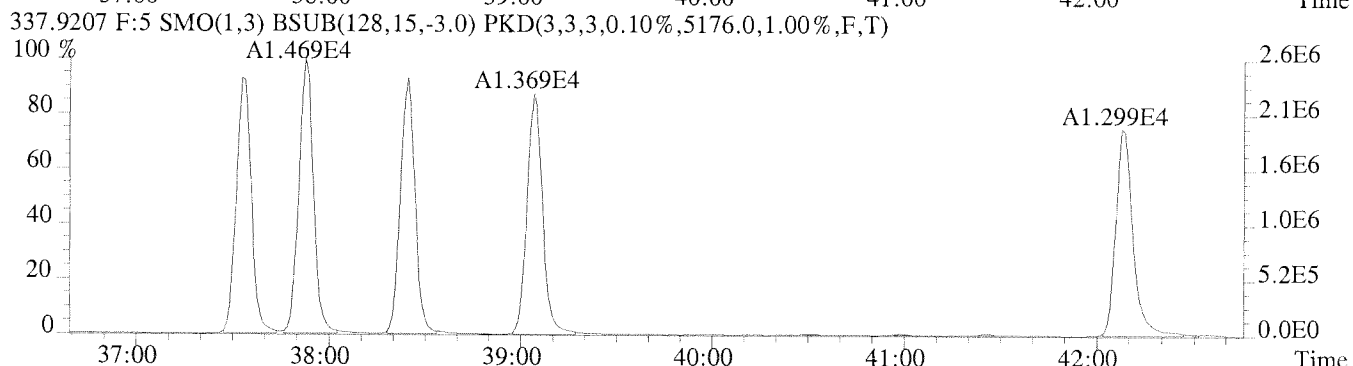
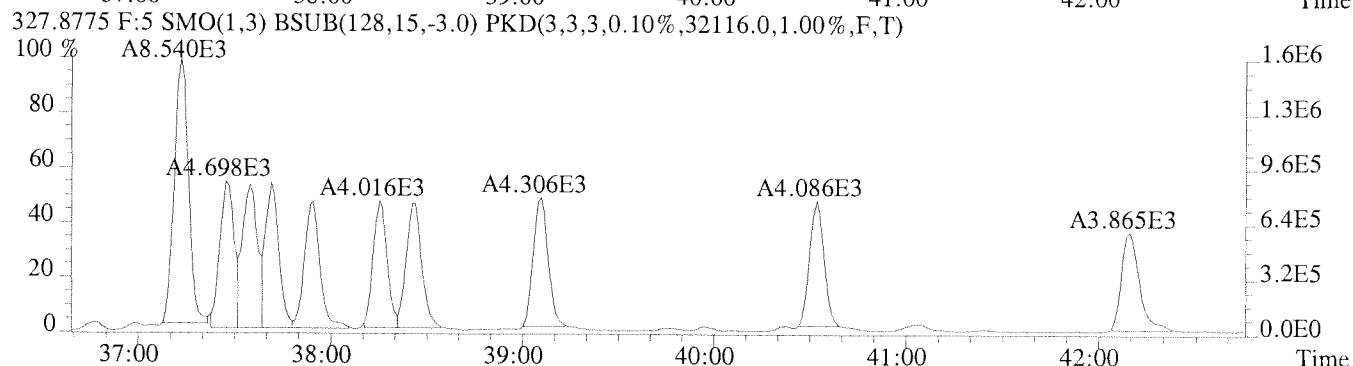
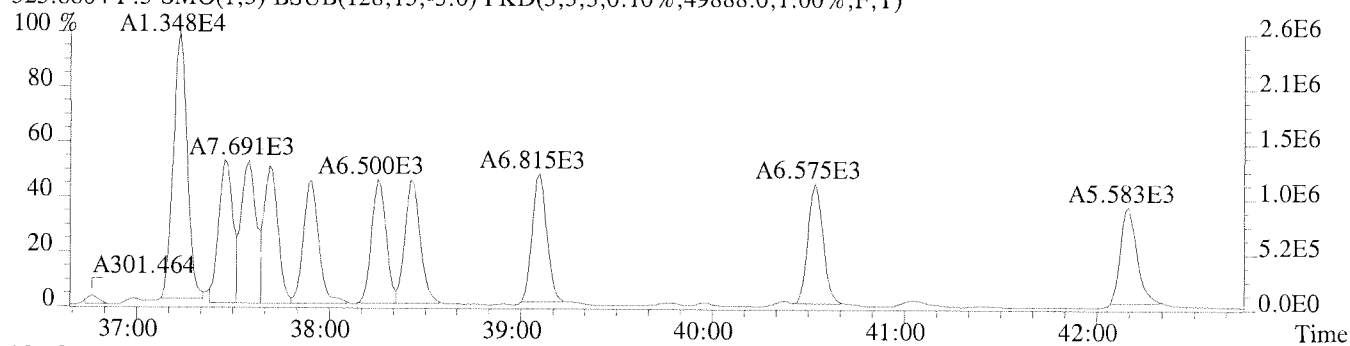


MANUAL INTEGRATION EXPLANATION

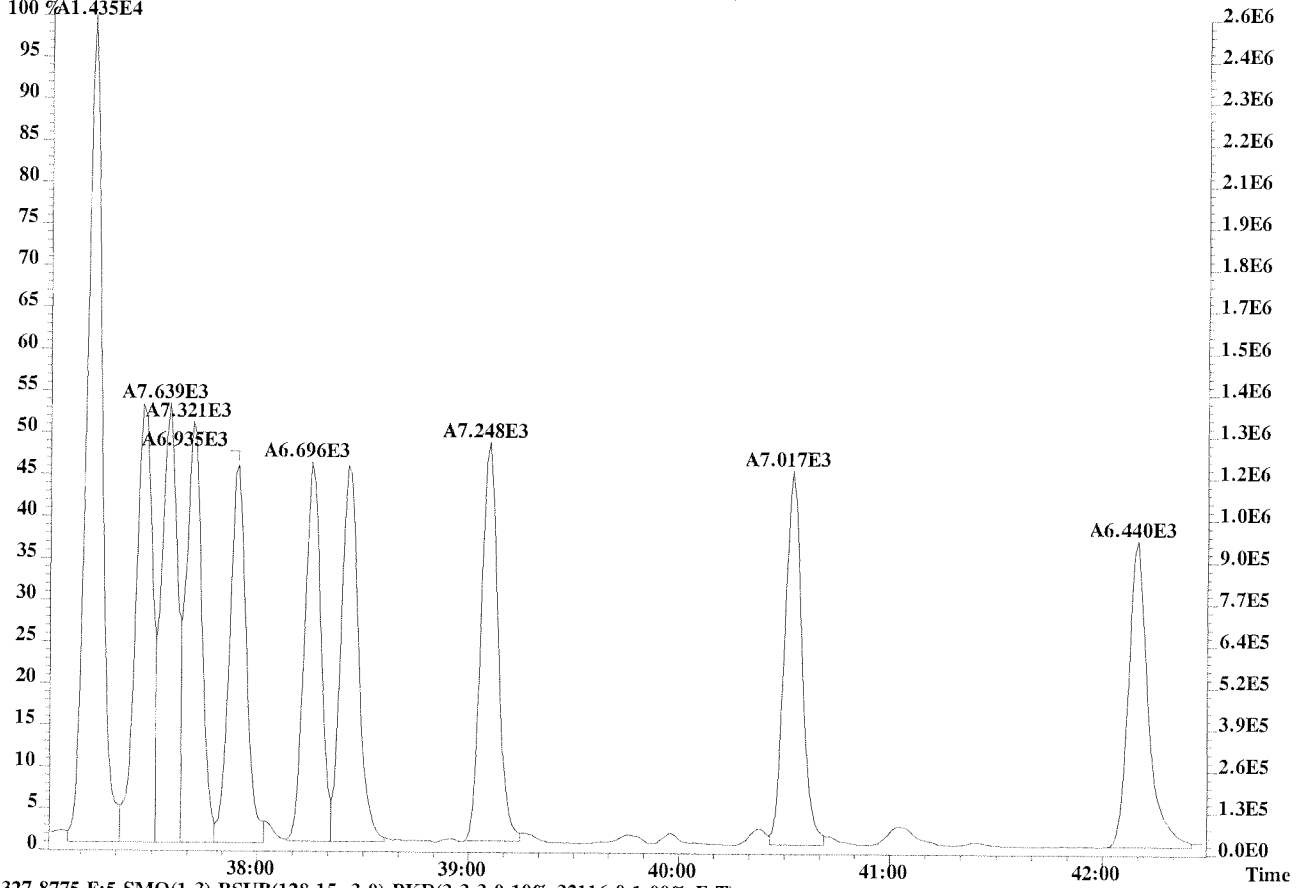
- 1. POOR INTEGRATION
- 2. PEAK NOT FOUND/NOT INTEGRATED
- 3. RETENTION TIME SHIFT
- 4. BASELINE INCORRECT/INACCURATE
- 5. OTHER

ANALYST *MC* REVIEWER *SL*
 01/17/11 01/18/11

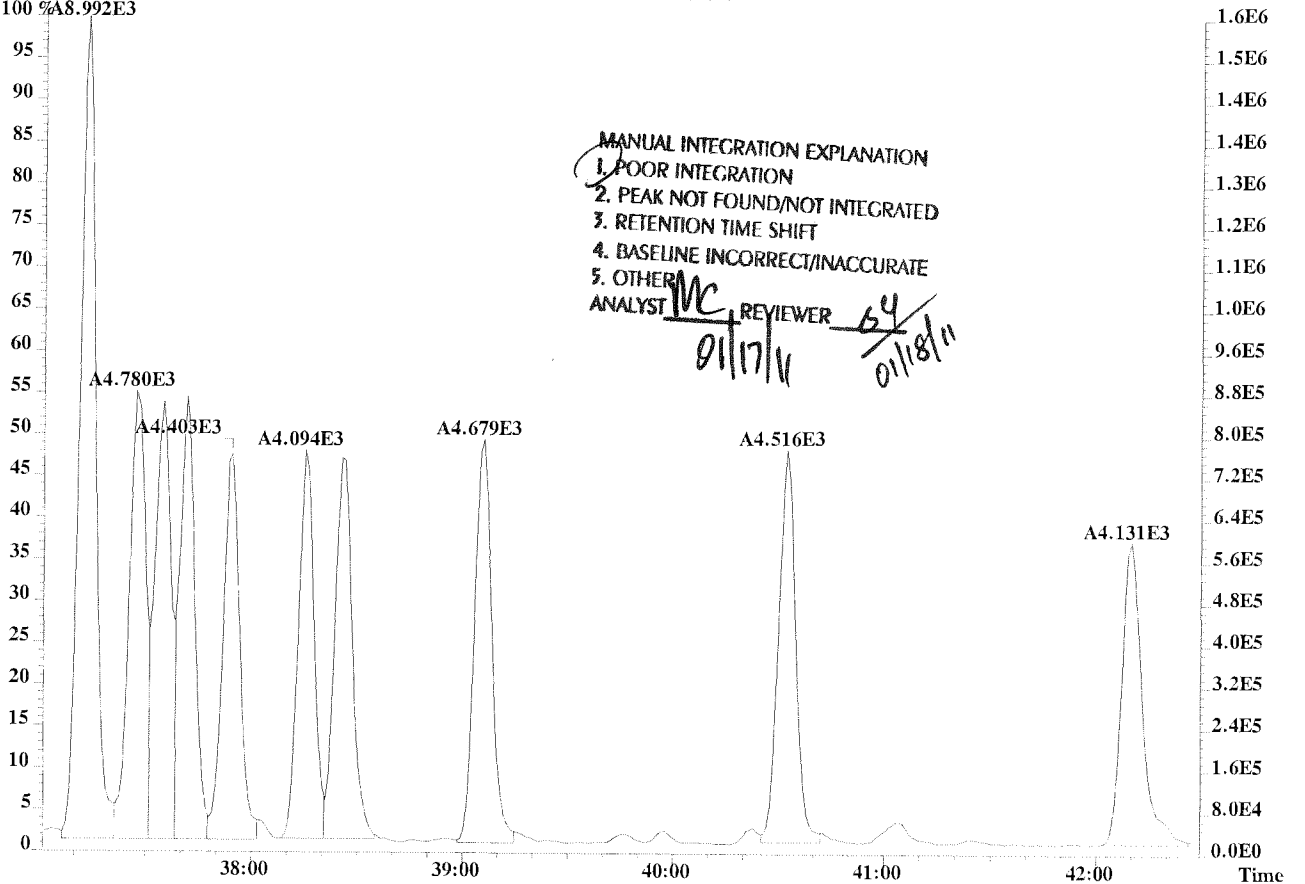
File:U224759 #1-391 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,49888.0,1.00%,F,T)



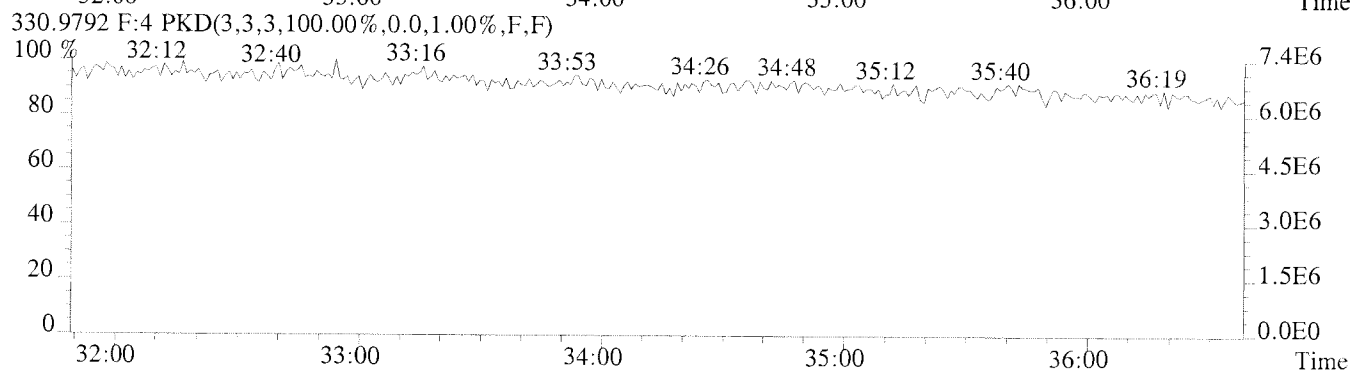
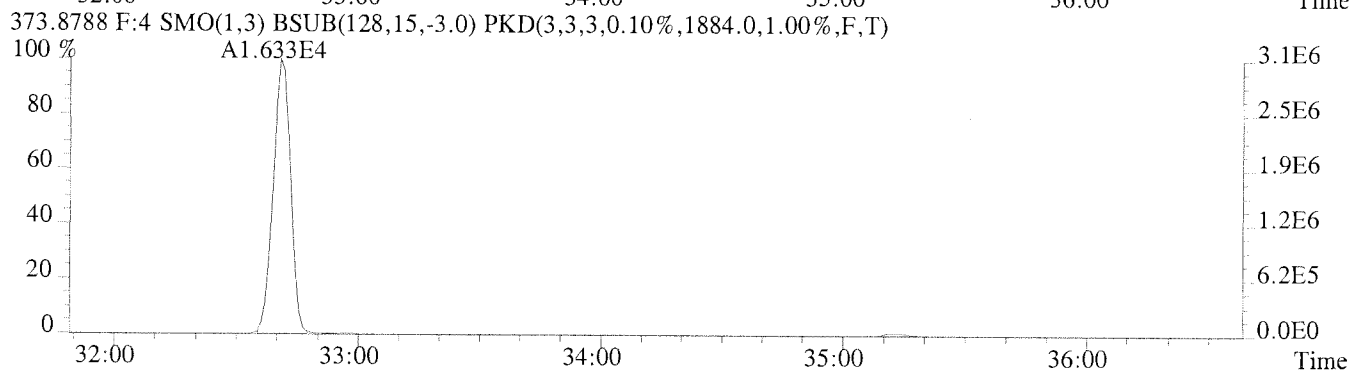
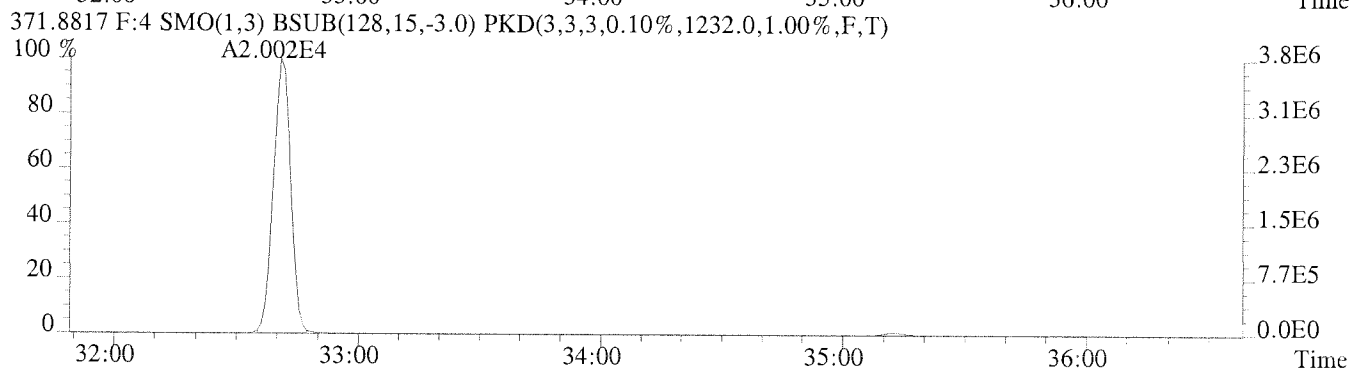
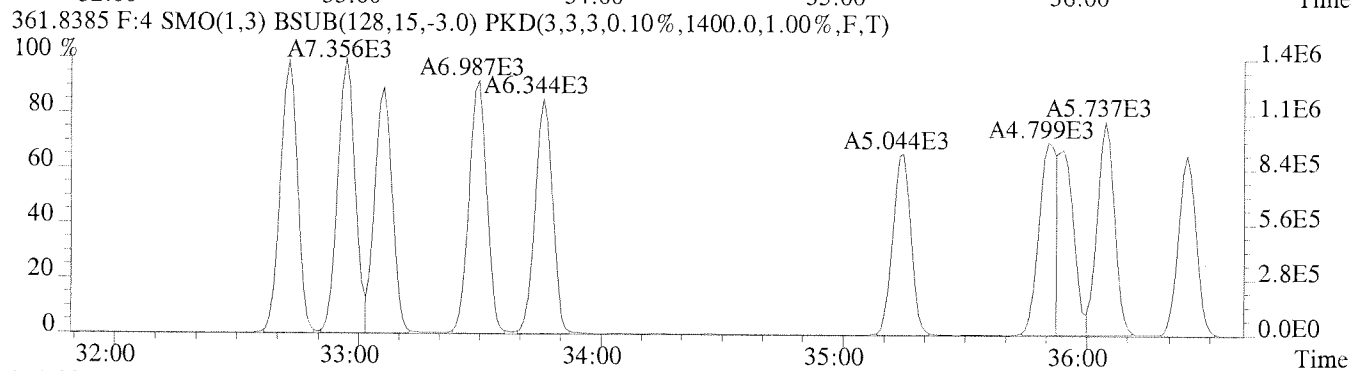
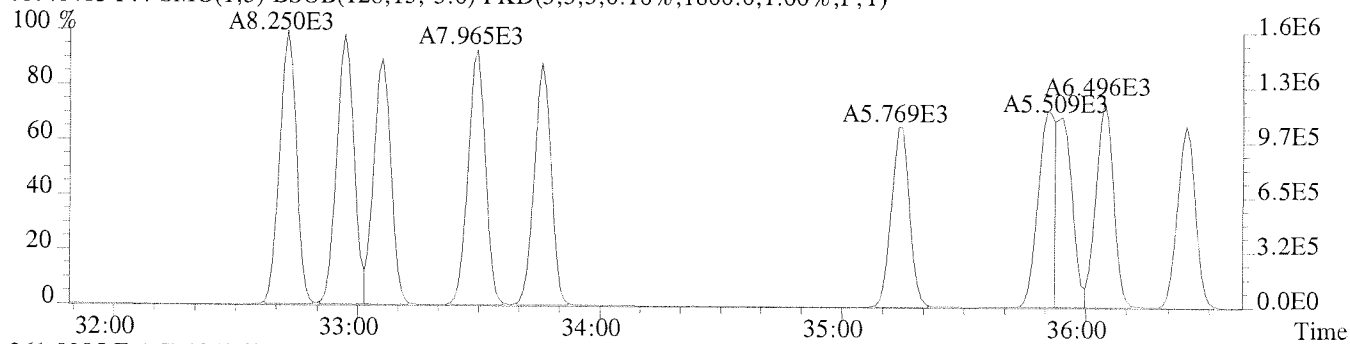
File:U224759 #1-391 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:PCB 209 INJECTION
 325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,49888.0,1.00%,F,T)
 100 %A1.435E4



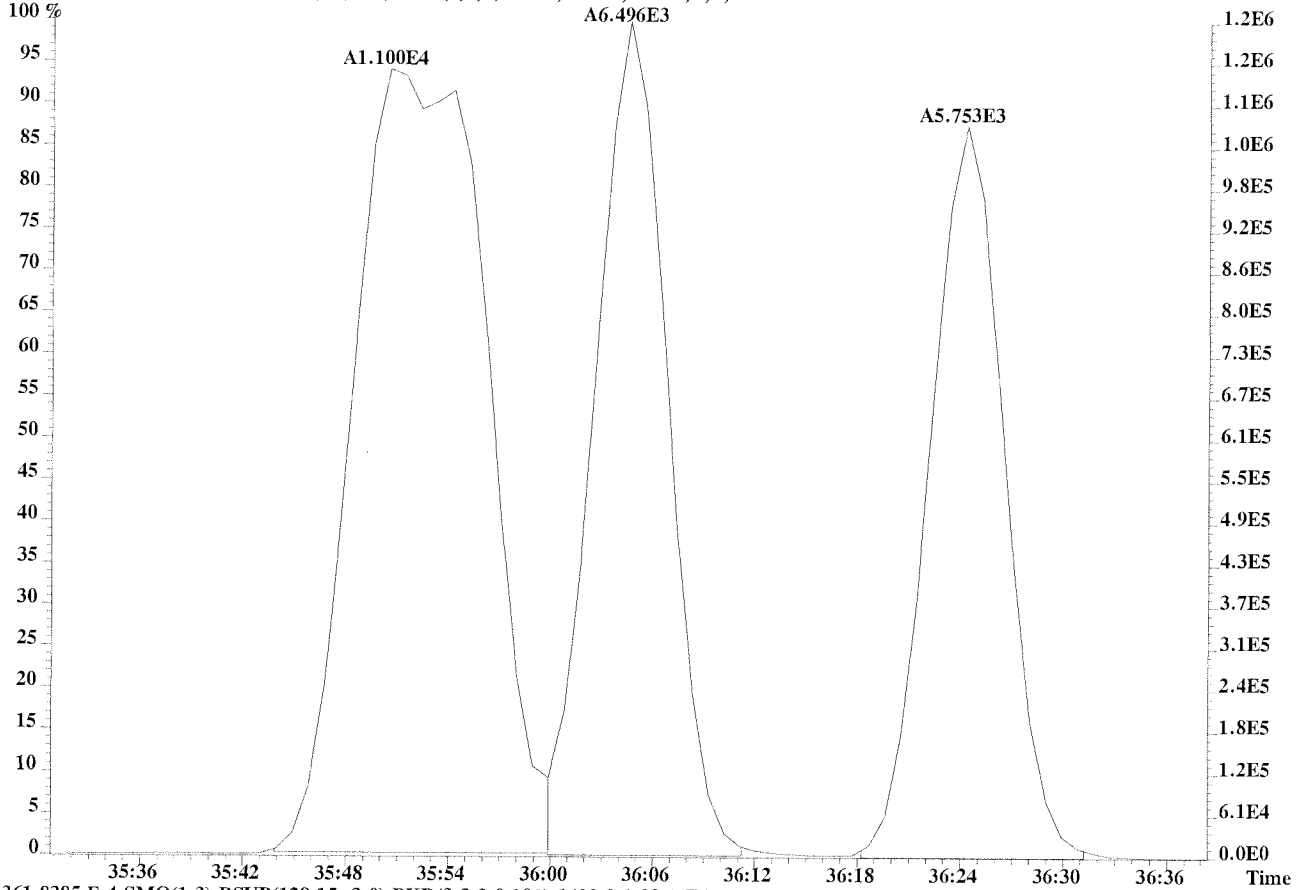
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,32116.0,1.00%,F,T)
 100 %A8.992E3



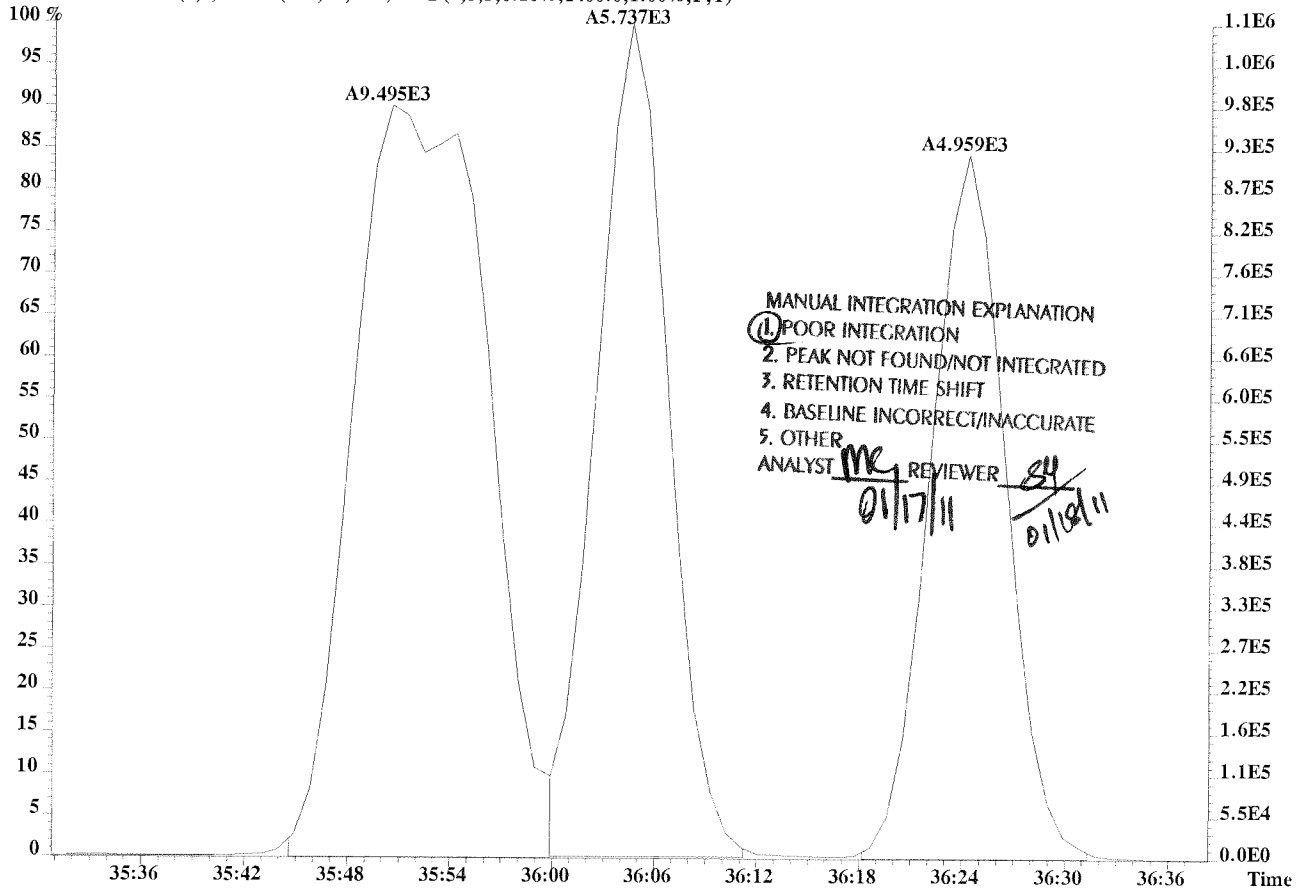
File:U224759 #1-309 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION



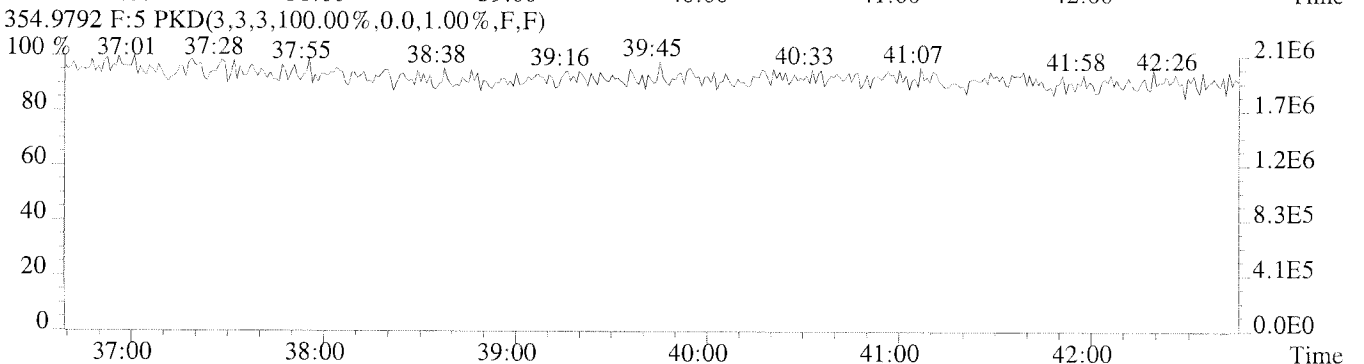
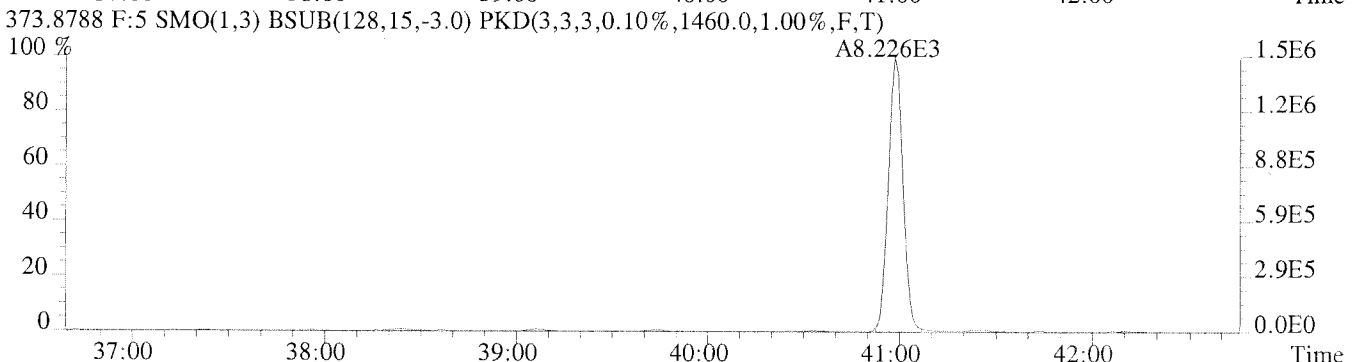
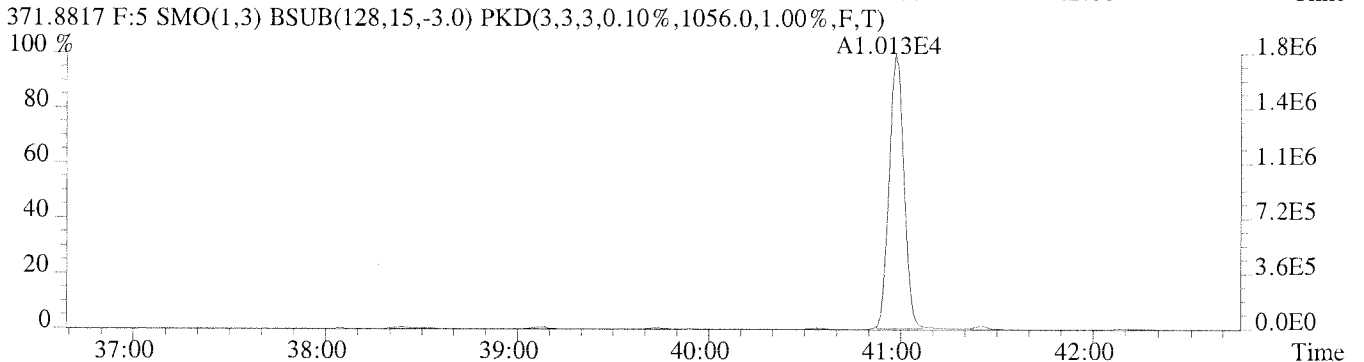
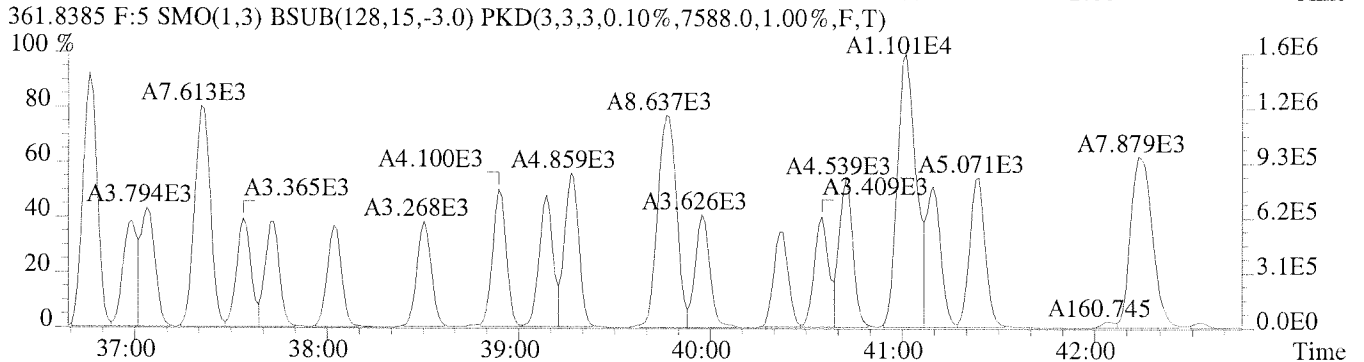
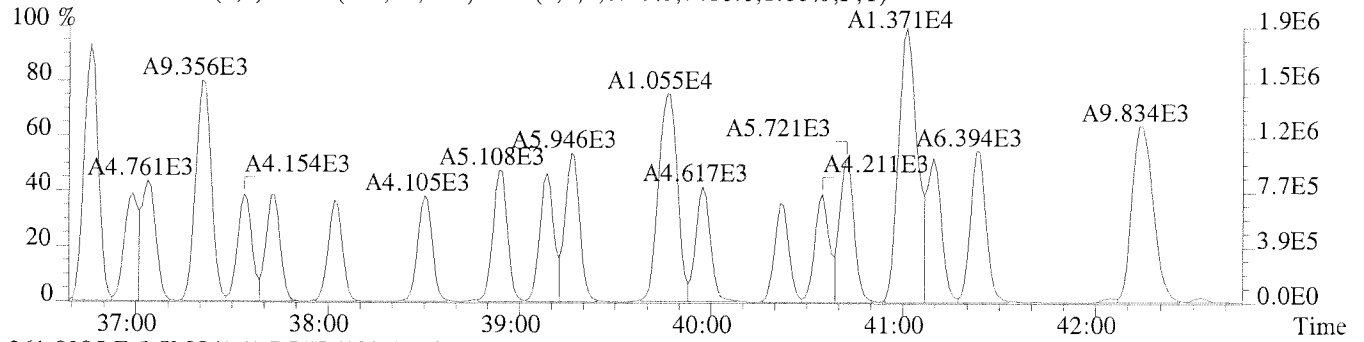
File: U224759 #1-309 Acq: 15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp: PCB 209 INJECTION
 359.8415 F: 4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1800.0,1.00%,F,T)



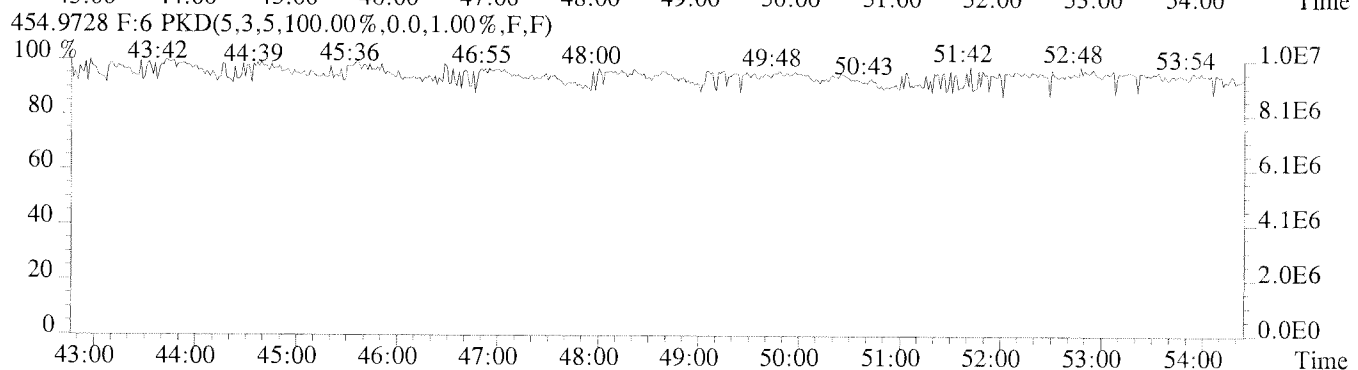
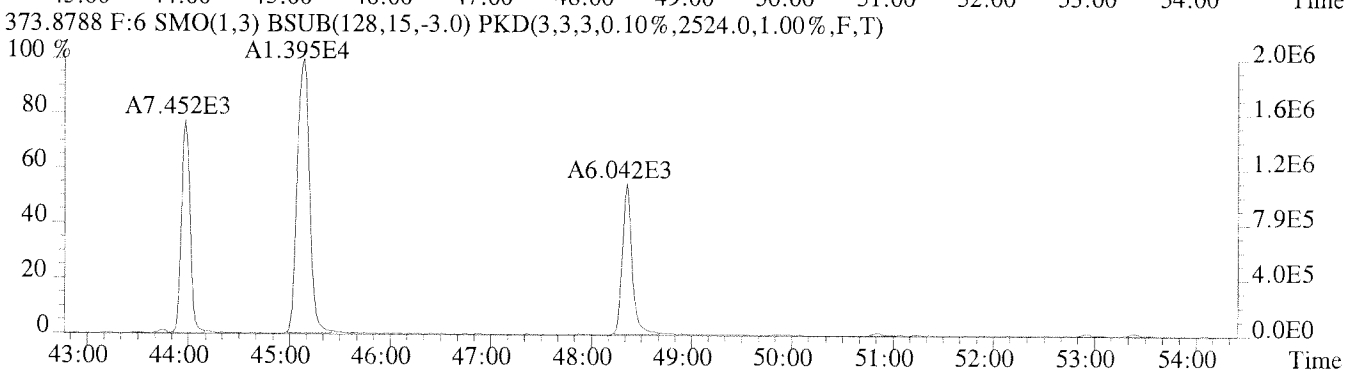
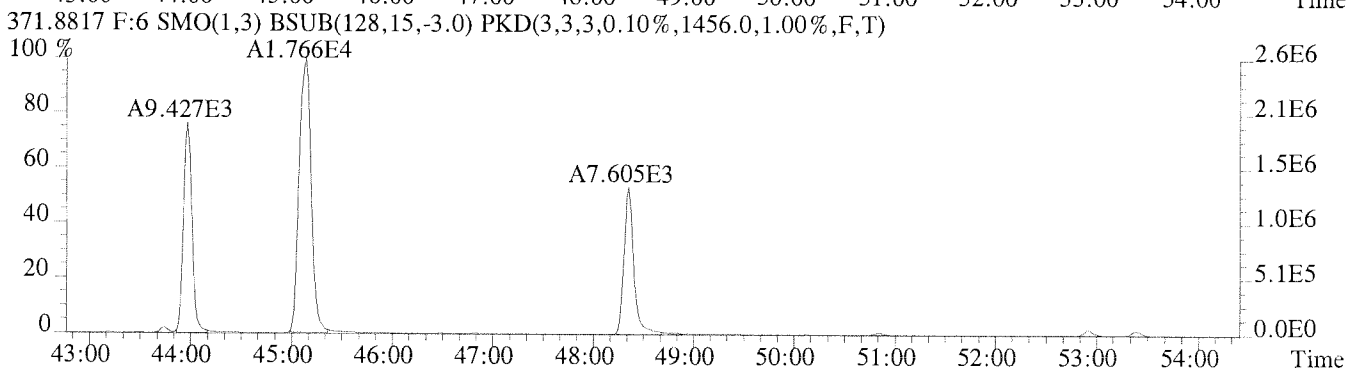
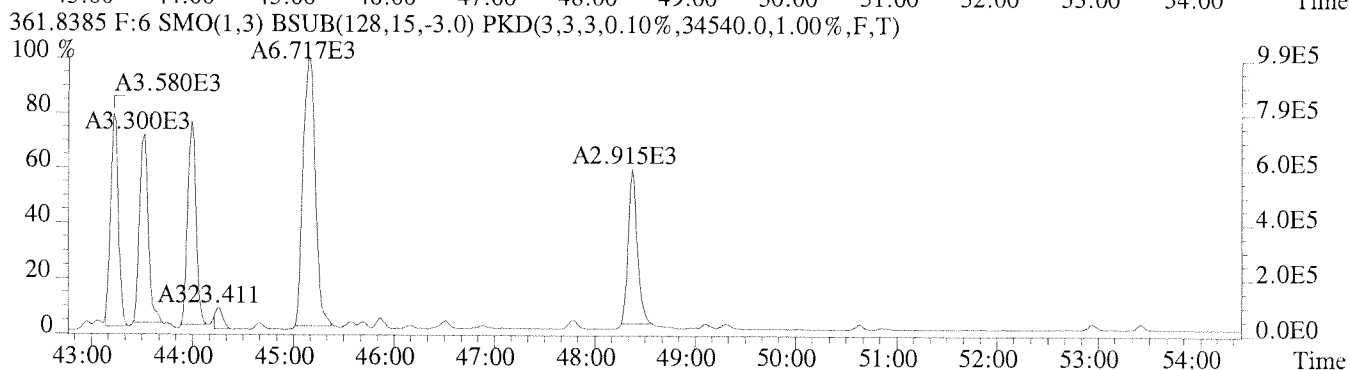
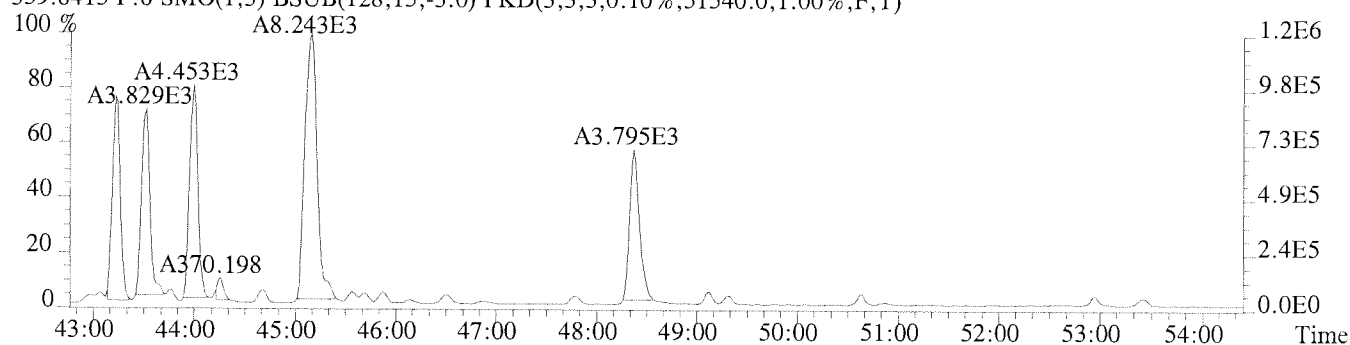
361.8385 F: 4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1400.0,1.00%,F,T)



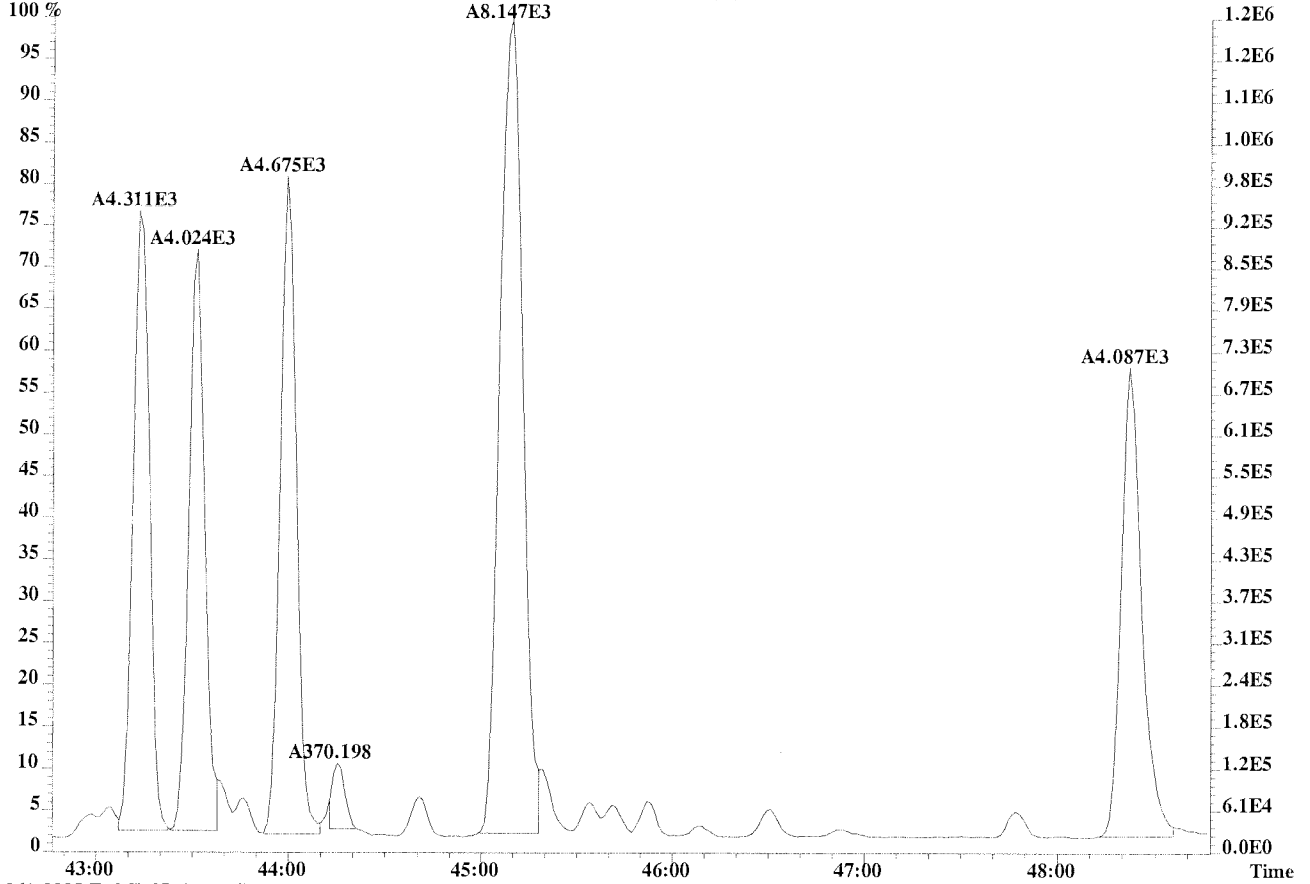
File:U224759 #1-391 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7480.0,1.00%,F,T)



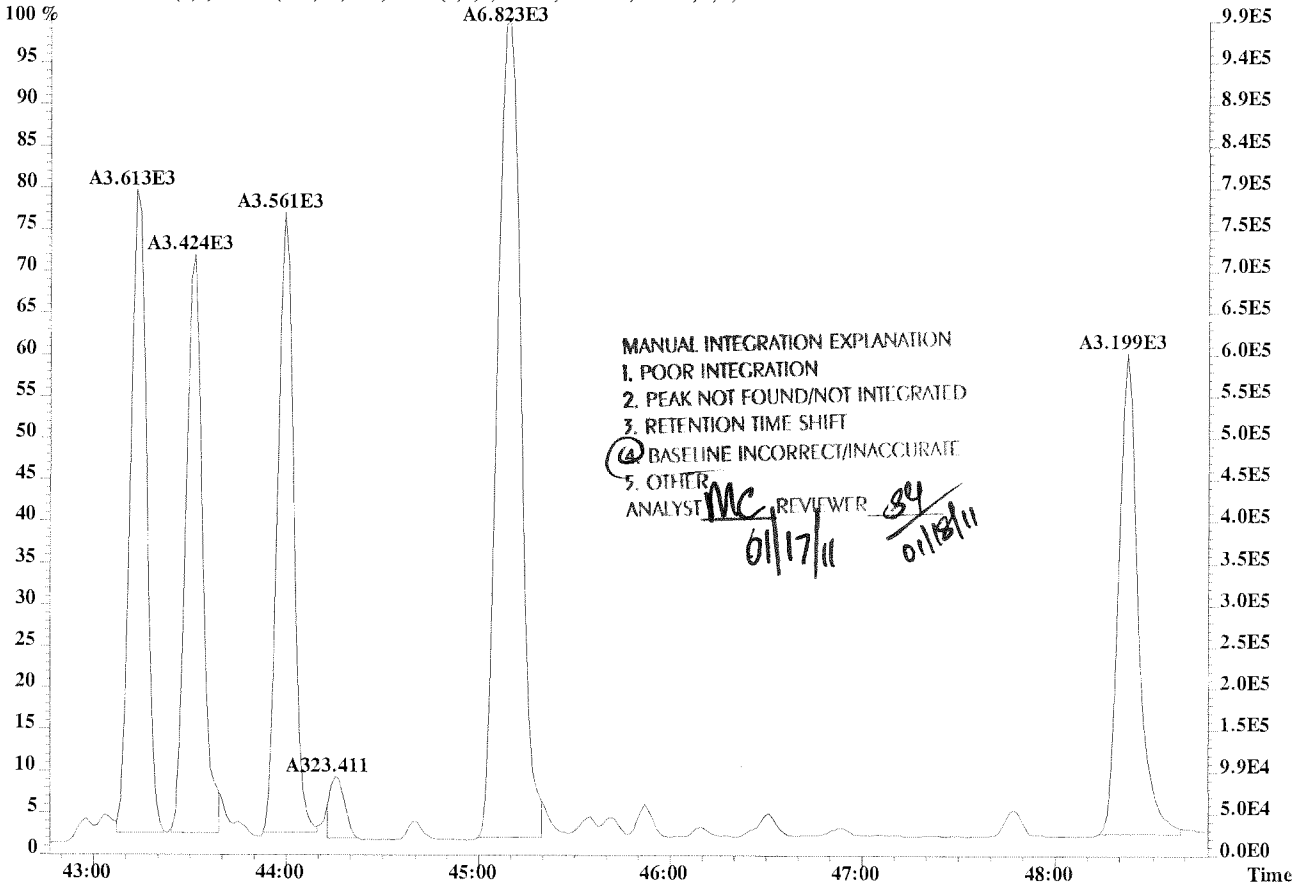
File:U224759 #1-577 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,51540.0,1.00%,F,T)



File:U224759 #1-577 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectrom
 Sample#1 Exp:PCB 209 INJECTION
 359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,51540.0,1.00%,F,T)



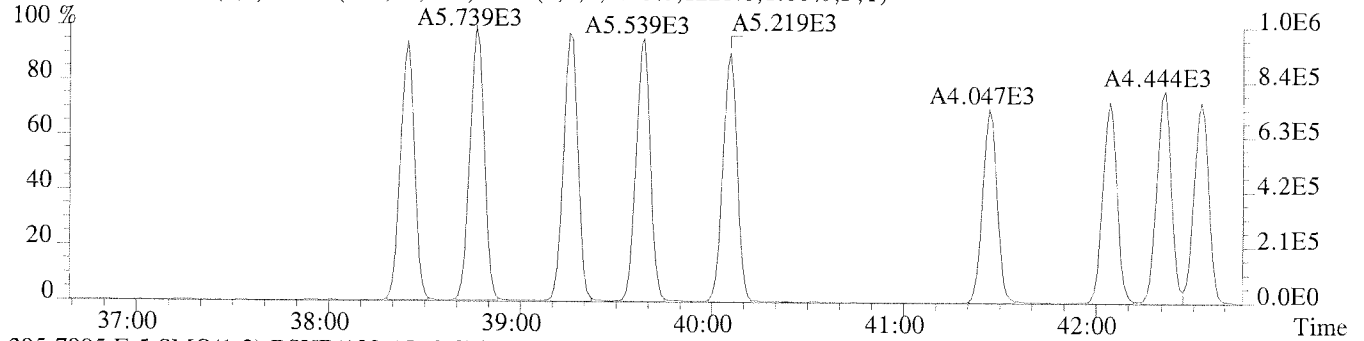
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,34540.0,1.00%,F,T)



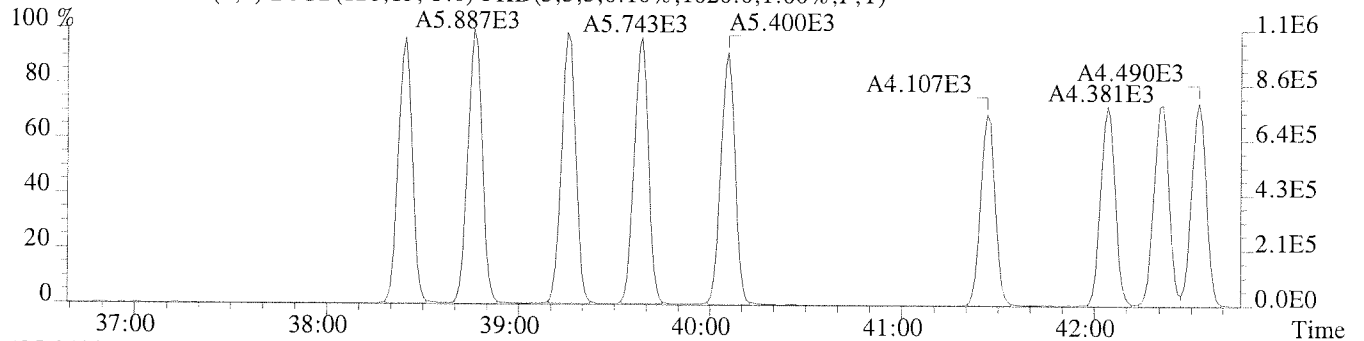
File:U224759 #1-391 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

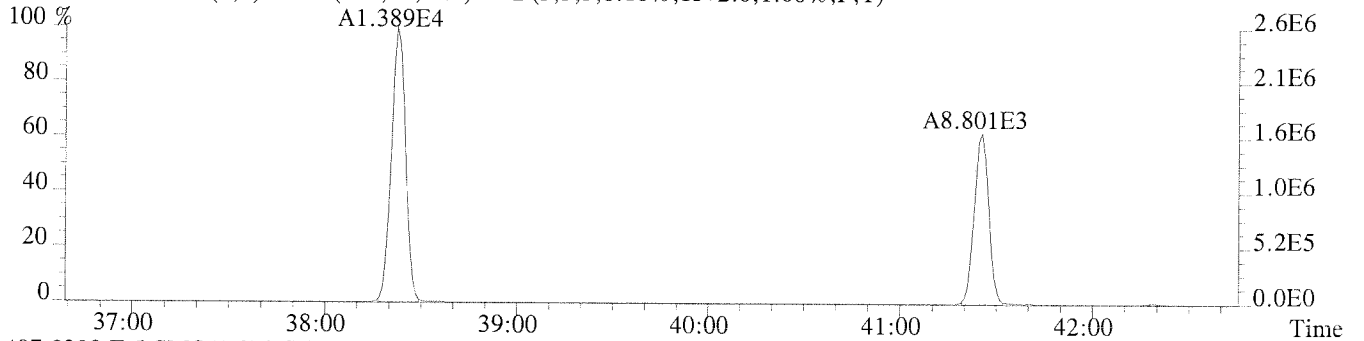
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1228.0,1.00%,F,T)



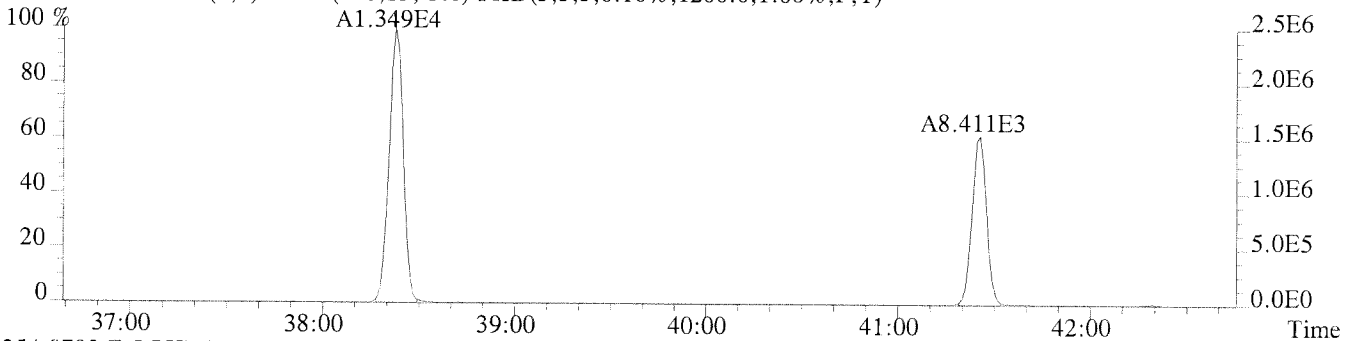
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1020.0,1.00%,F,T)



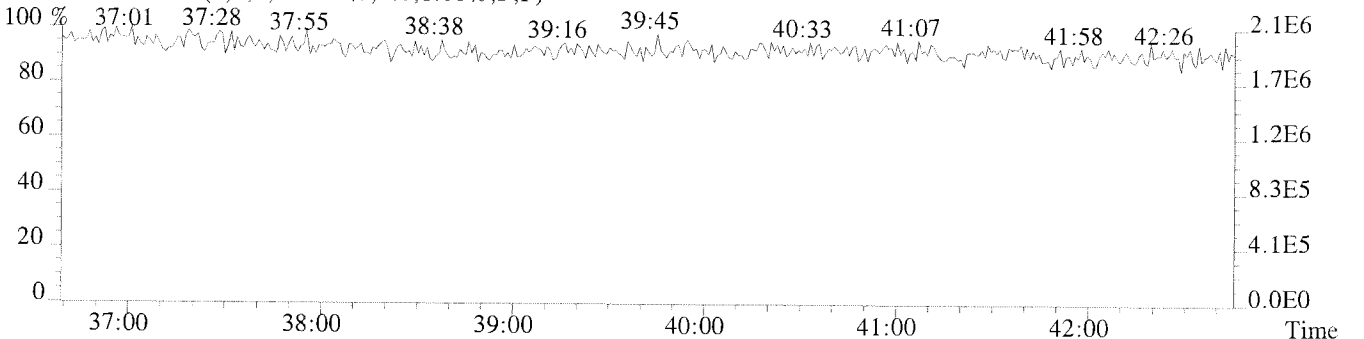
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1372.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1200.0,1.00%,F,T)



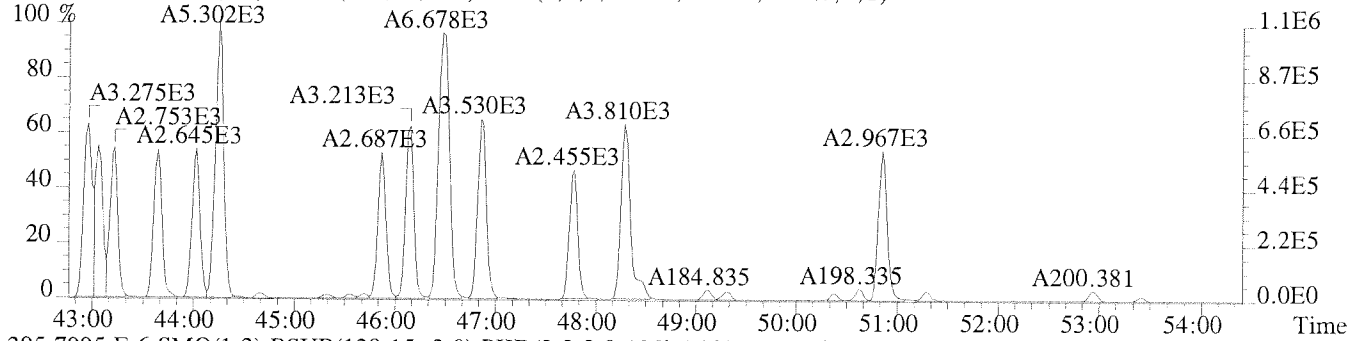
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



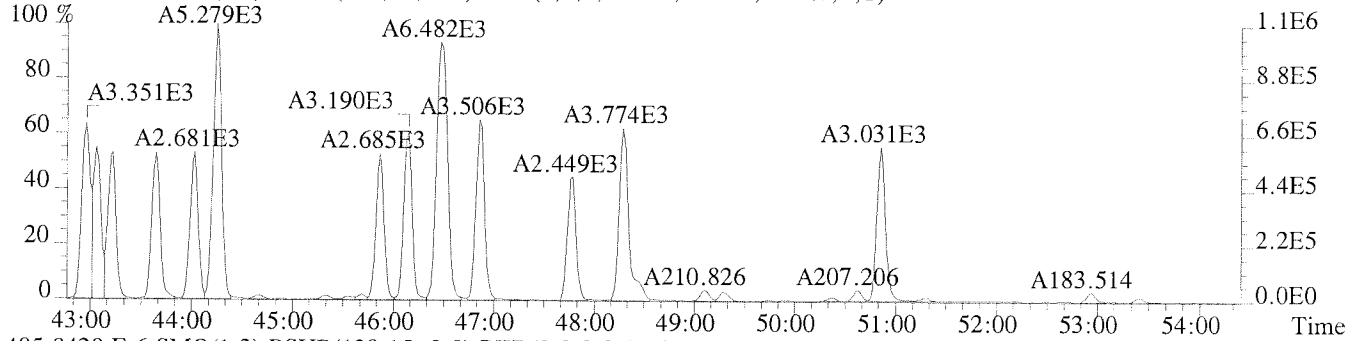
File:U224759 #1-577 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

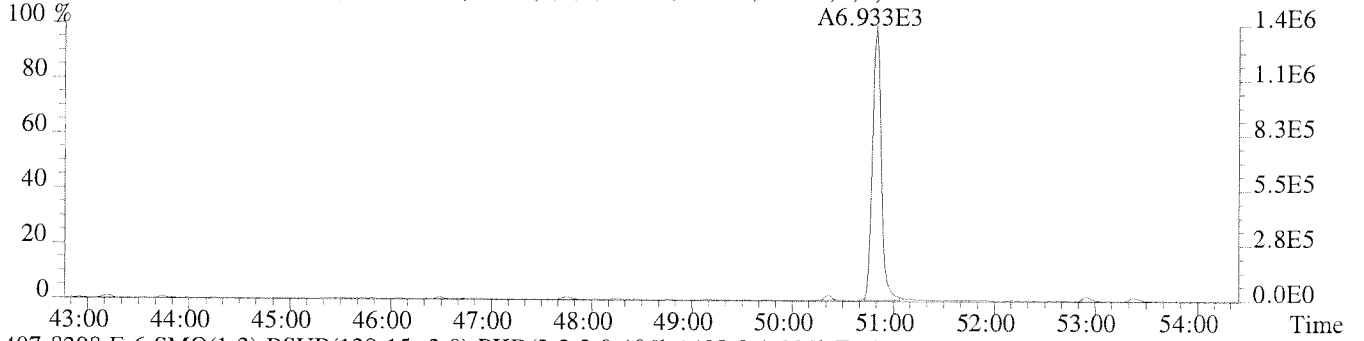
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3364.0,1.00%,F,T)



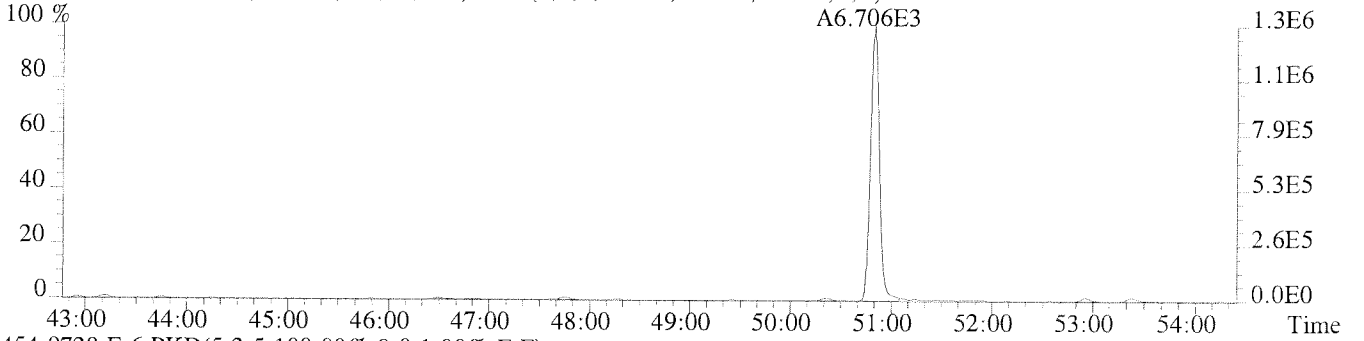
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1564.0,1.00%,F,T)



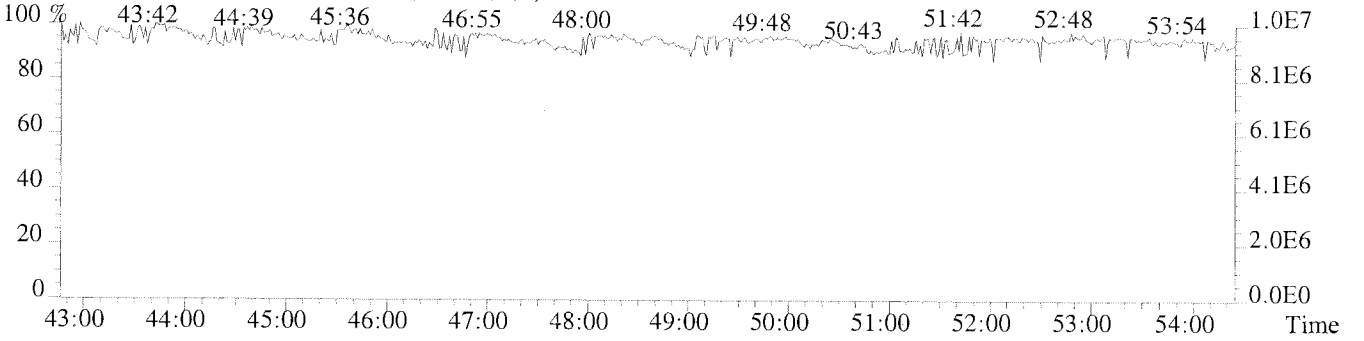
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1620.0,1.00%,F,T)



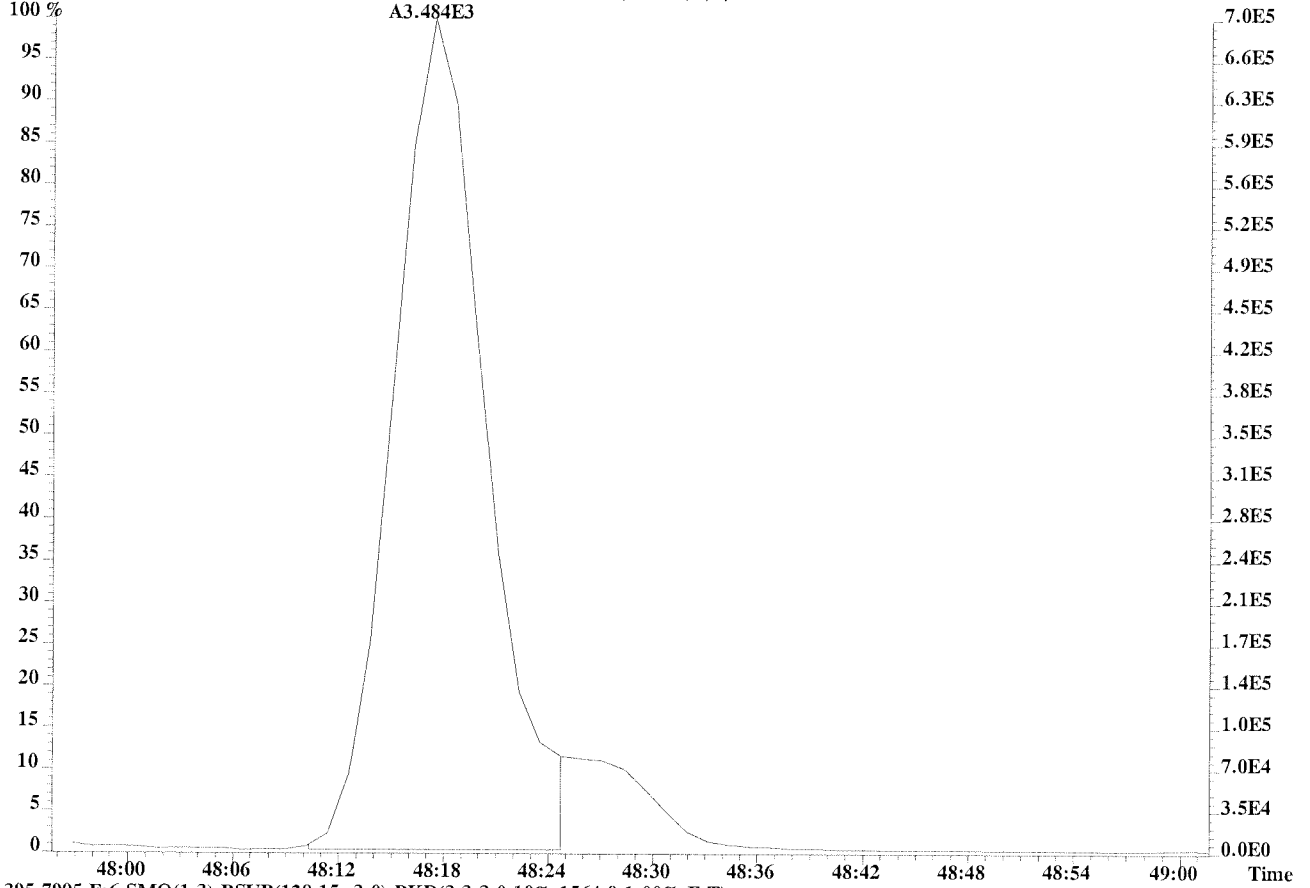
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1408.0,1.00%,F,T)



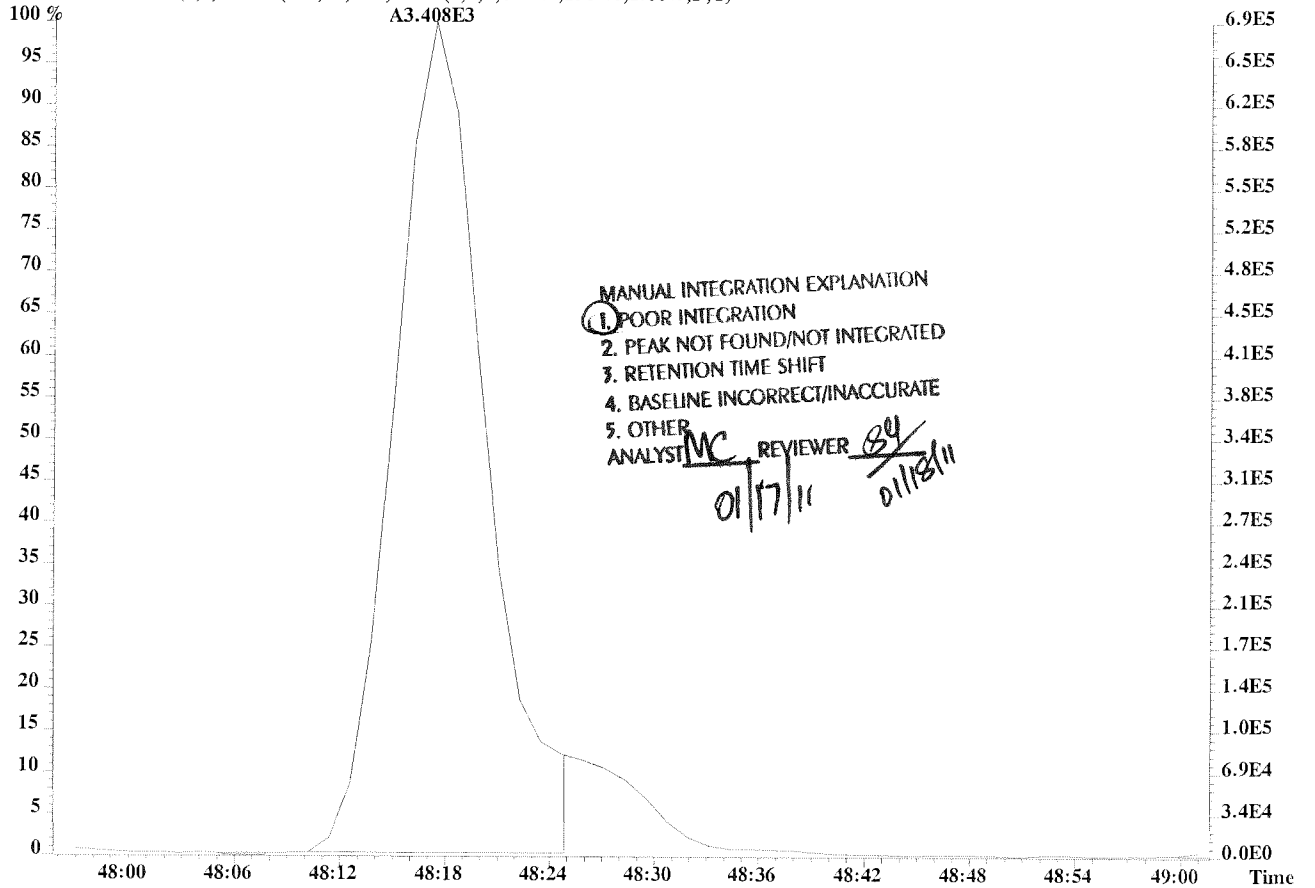
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



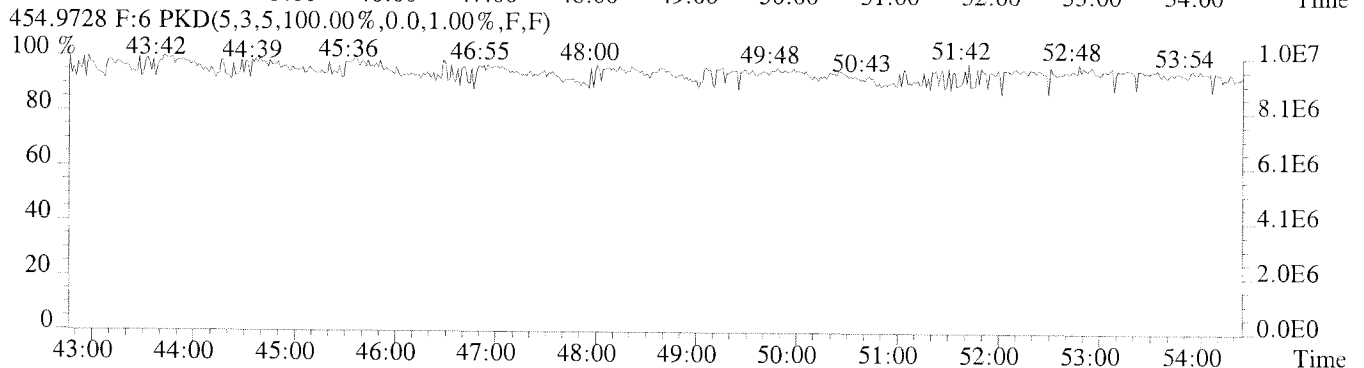
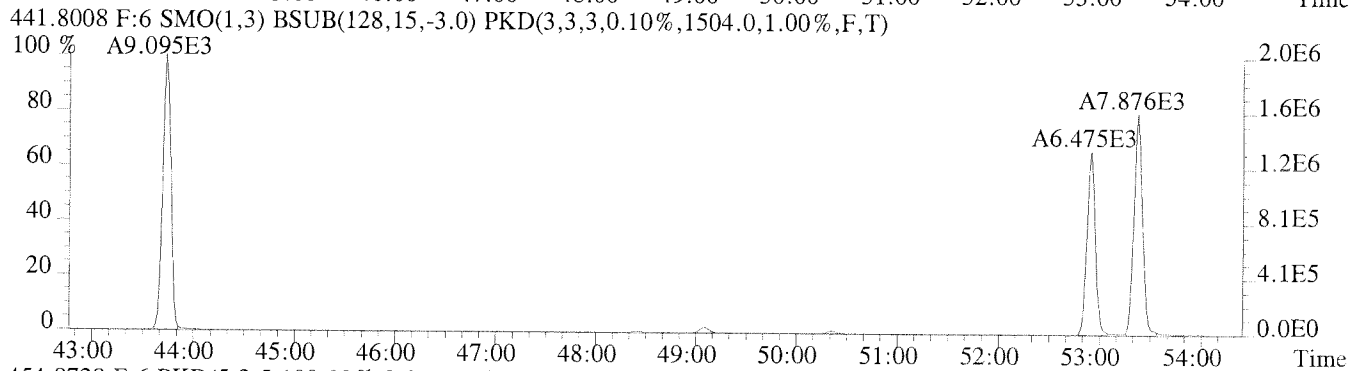
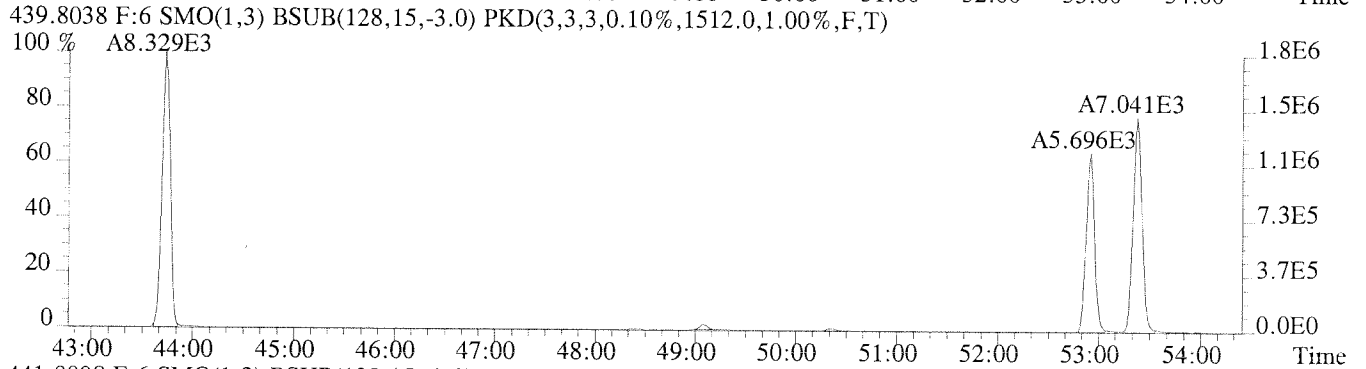
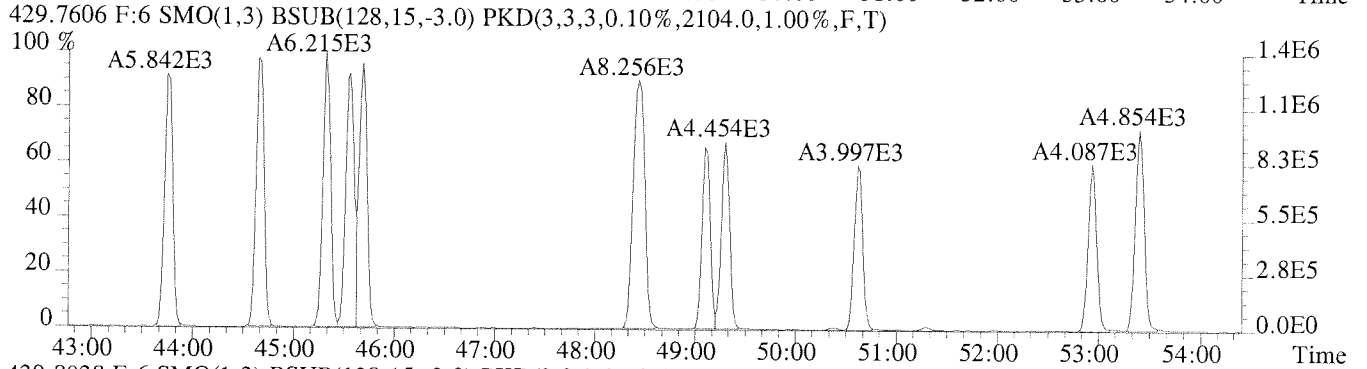
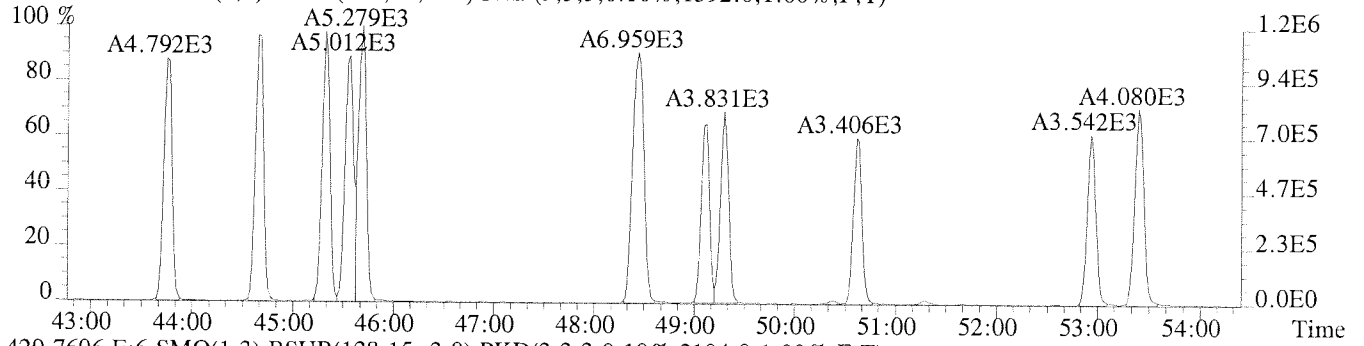
File:U224759 #1-577 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:PCB 209 INJECTION
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3364.0,1.00%,F,T)
100 %



395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1564.0,1.00%,F,T)
100 %



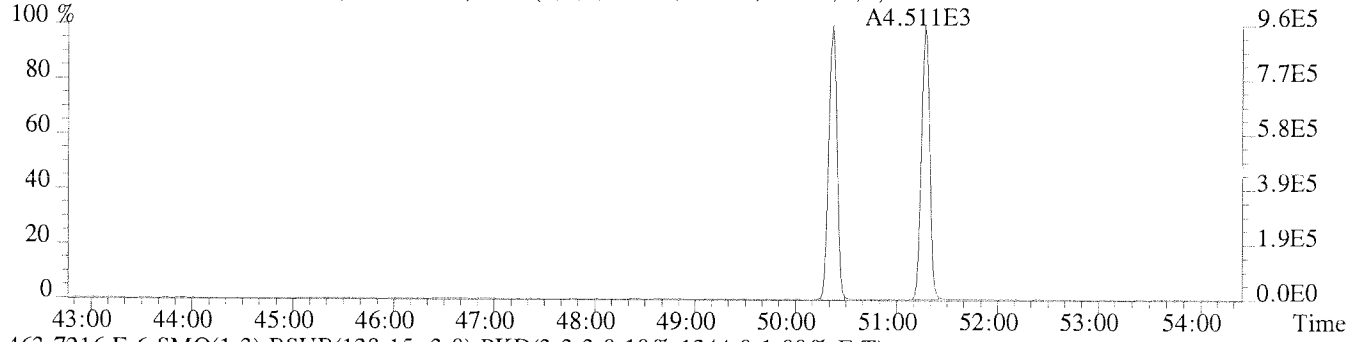
File:U224759 #1-577 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1392.0,1.00%,F,T)



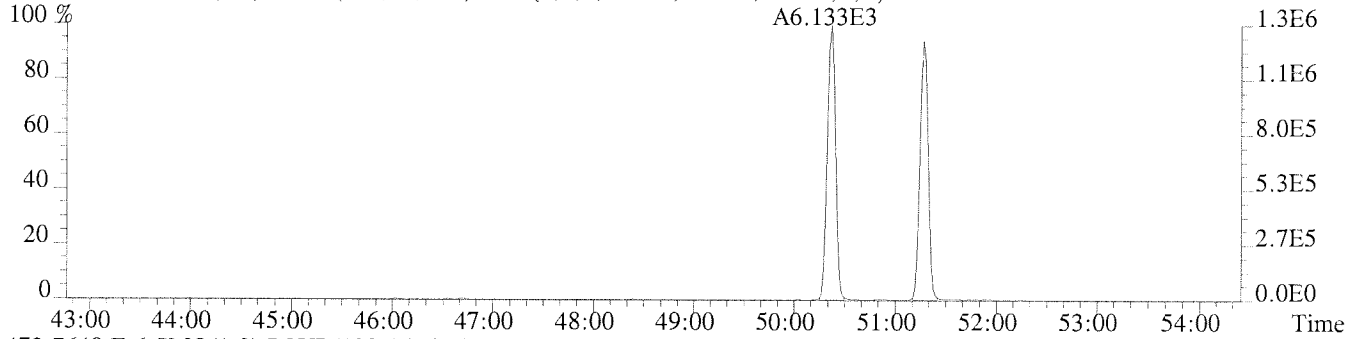
File:U224759 #1-577 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

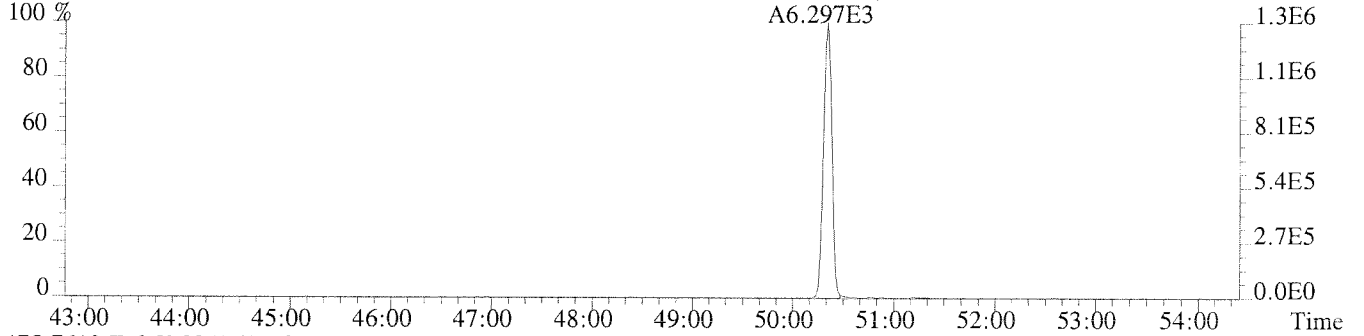
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1424.0,1.00%,F,T)



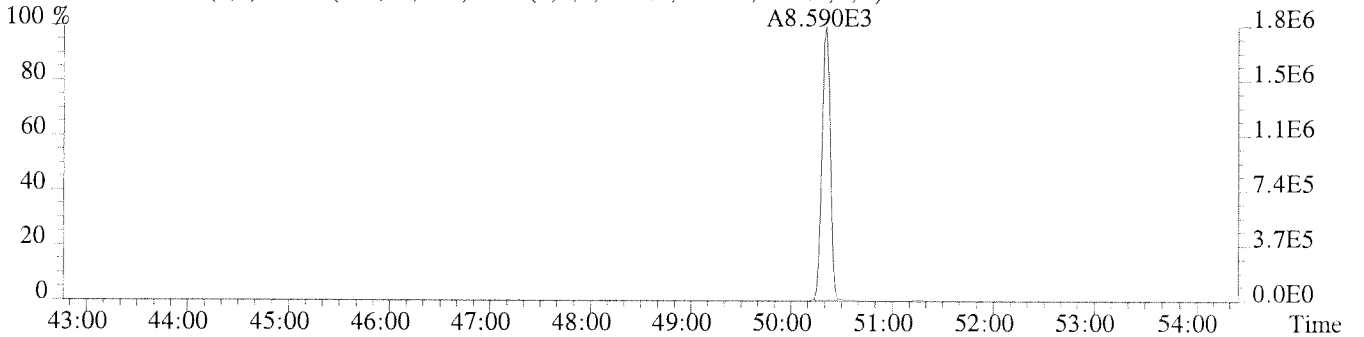
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1244.0,1.00%,F,T)



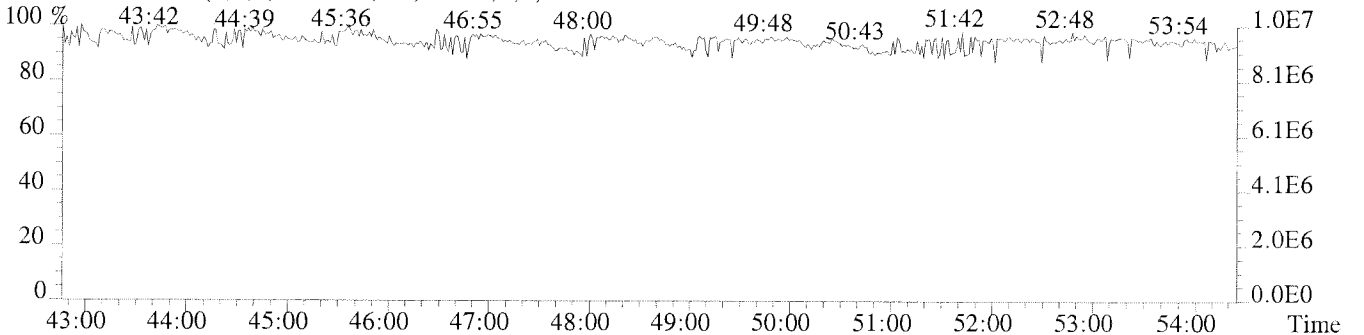
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1272.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1396.0,1.00%,F,T)



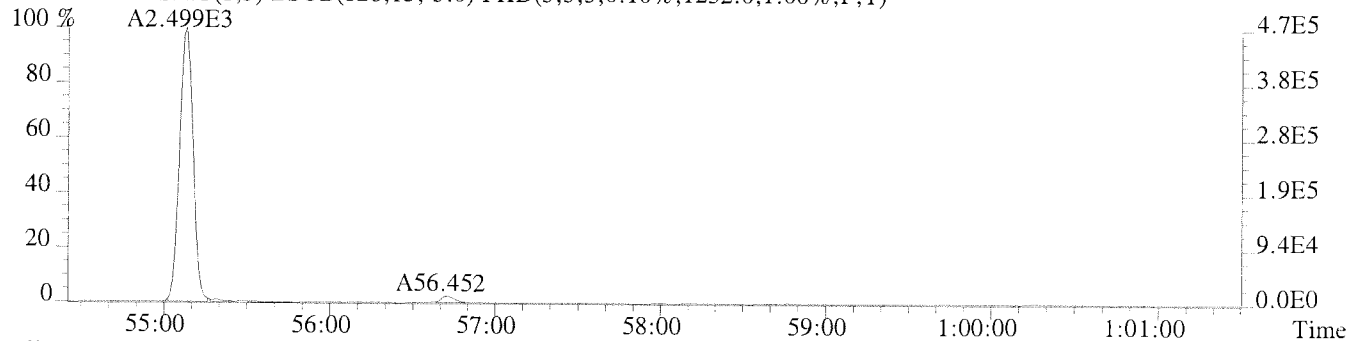
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



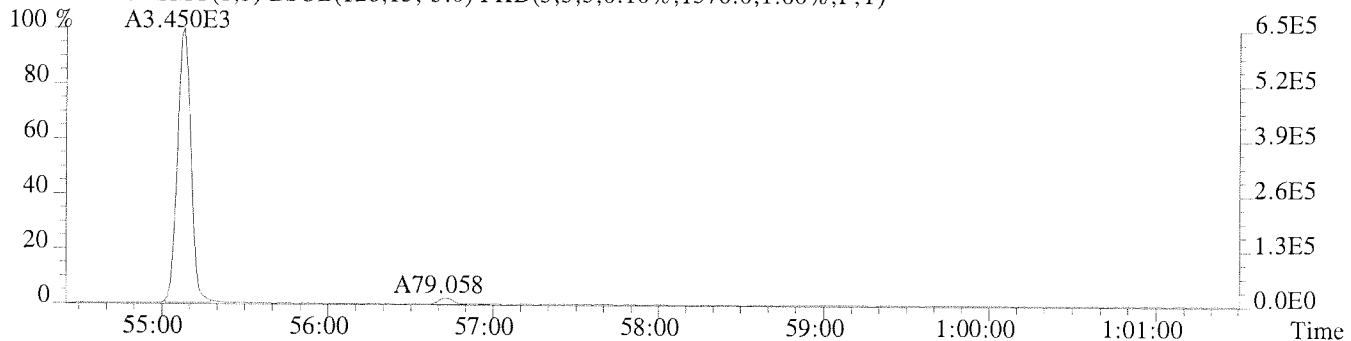
File:U224759 #1-400 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

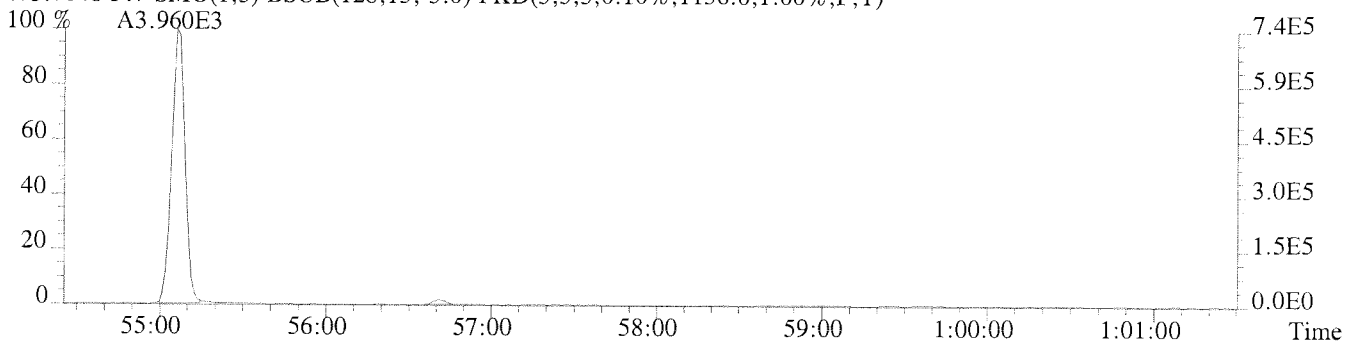
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1252.0,1.00%,F,T)



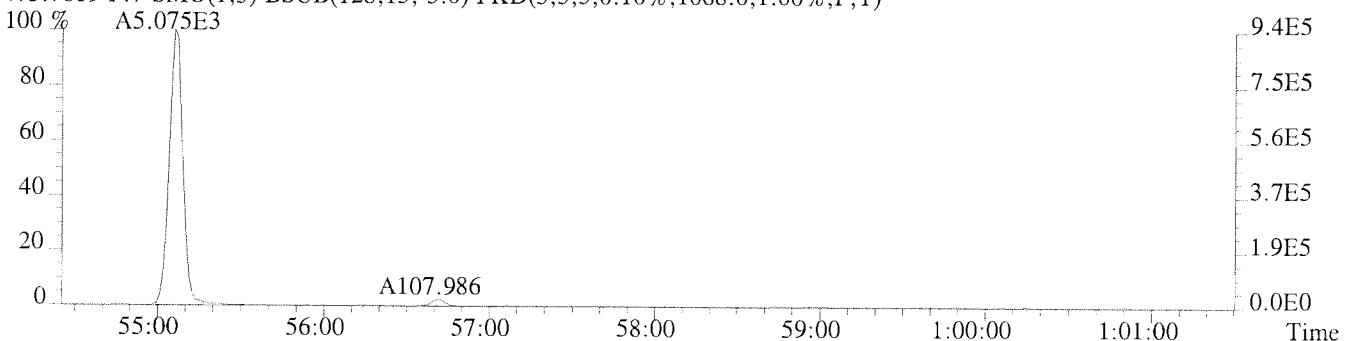
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1376.0,1.00%,F,T)



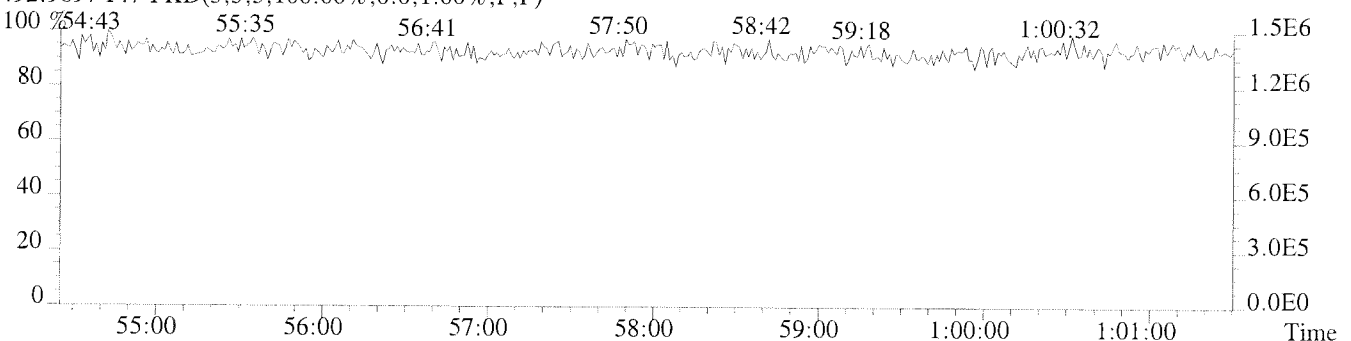
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1156.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1068.0,1.00%,F,T)



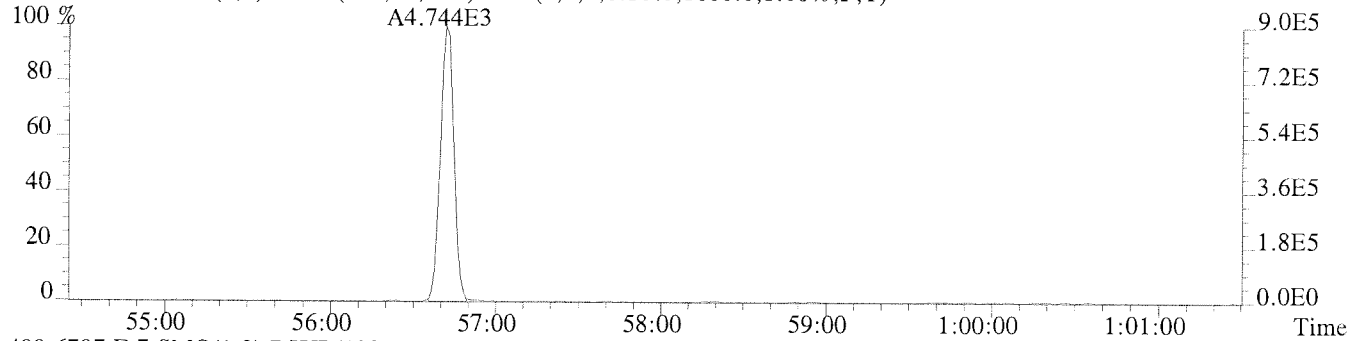
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



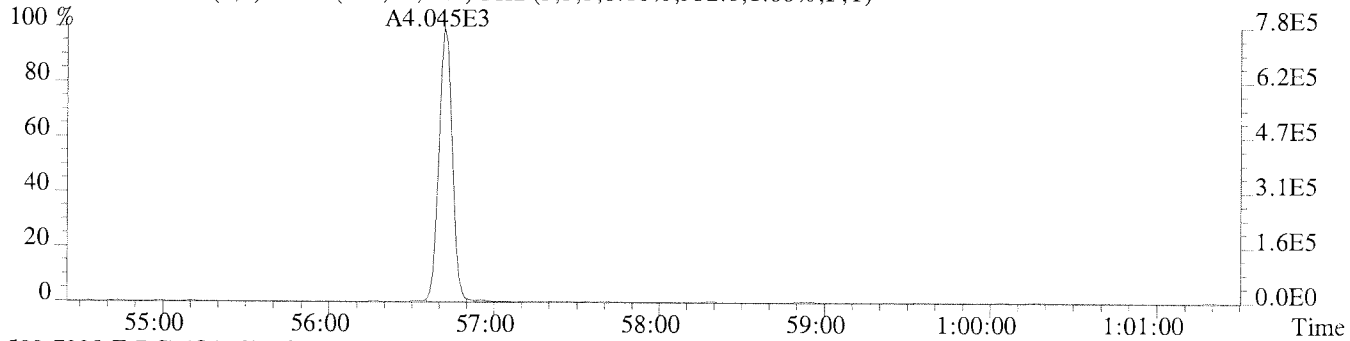
File:U224759 #1-400 Acq:15-JAN-2011 13:30:17 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

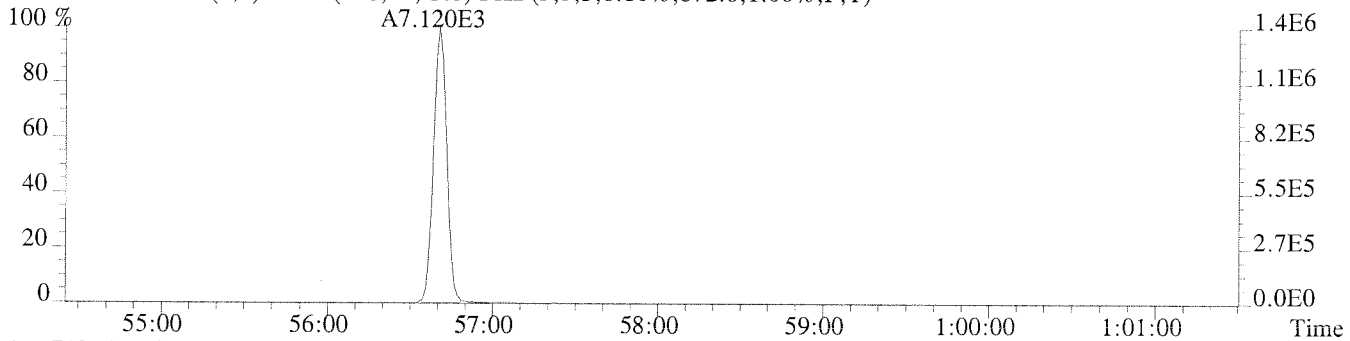
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1000.0,1.00%,F,T)



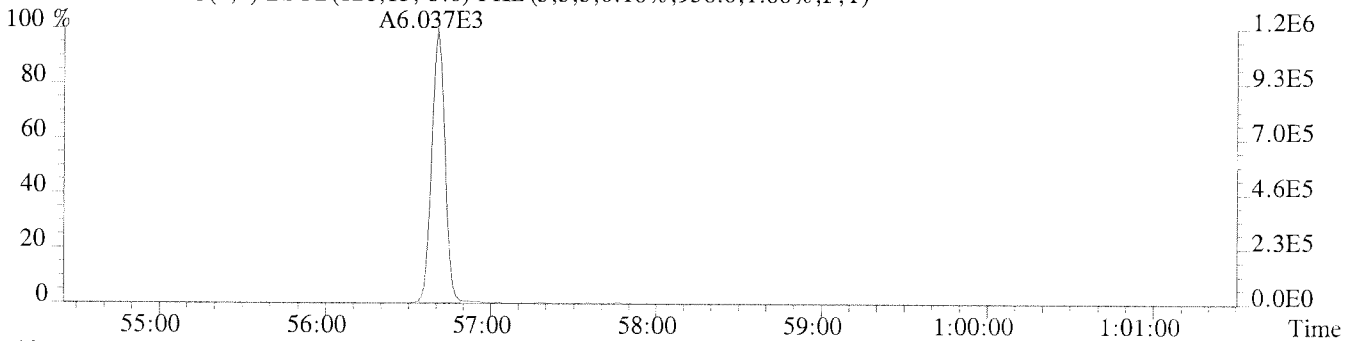
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,932.0,1.00%,F,T)



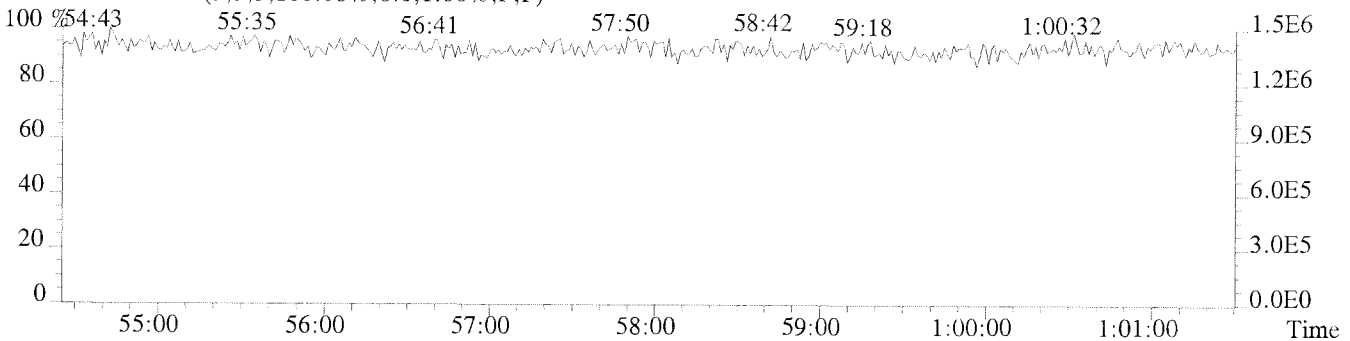
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,872.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,956.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



FORM 4A
PCB CALIBRATION VERIFICATION

Lab Name: Columbia Analytical Services Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 10/19/09

Instrument ID: Autospec Ultima GC Column ID: SPB-OCTYL

VER Data Filename: U224758 Analysis Date: 15-JAN-11 Time: 11:28:59

NATIVE ANALYTES	M/Z'S	ION	QC	CONC. FOUND	CONC. RANGE (3) (ng/mL)
	FORMING RATIO (1)	ABUND. RATIO	LIMITS (2)		
2-MoCB	M/M+2	3.12	2.66-3.60	55.4	35.0 - 65.0
4-MoCB	M/M+2	3.15	2.66-3.60	56.0	35.0 - 65.0
22'-DiCB	M/M+2	1.54	1.33-1.79	51.8	35.0 - 65.0
44'-DiCB	M/M+2	1.58	1.33-1.79	56.4	35.0 - 65.0
22'6'-TrCB	M/M+2	1.04	0.88-1.20	51.7	35.0 - 65.0
344'-TrCB	M/M+2	1.05	0.88-1.20	55.6	35.0 - 65.0
22'66'-TeCB	M/M+2	0.76	0.65-0.89	54.0	35.0 - 65.0
244'5'-TeCB	M/M+2	0.80	0.65-0.89	54.1	35.0 - 65.0
33'44'-TeCB	M/M+2	0.79	0.65-0.89	57.1	35.0 - 65.0
22'466'-PeCB	M+2/M+4	1.59	1.32-1.78	51.1	35.0 - 65.0
2'344'5'-PeCB	M+2/M+4	1.59	1.32-1.78	52.1	35.0 - 65.0
23'44'5'-PeCB	M+2/M+4	1.60	1.32-1.78	50.0	35.0 - 65.0
2344'5'-PeCB	M+2/M+4	1.60	1.32-1.78	52.7	35.0 - 65.0
233'44'-PeCB	M+2/M+4	1.60	1.32-1.78	53.8	35.0 - 65.0
33'44'5'-PeCB	M+2/M+4	1.58	1.32-1.78	53.4	35.0 - 65.0
22'44'66'-HxCB	M+2/M+4	1.22	1.05-1.43	51.7	35.0 - 65.0
23'44'55'-HxCB	M+2/M+4	1.27	1.05-1.43	54.5	35.0 - 65.0
233'44'5'-HxCB	M+2/M+4	1.27	1.05-1.43	105.2	70.0 -130.0
33'44'55'-HxCB	M+2/M+4	1.28	1.05-1.43	55.1	35.0 - 65.0
22'34'566'-HpCB	M+2/M+4	1.00	0.89-1.21	49.8	35.0 - 65.0
233'44'55'-HpCB	M+2/M+4	1.04	0.89-1.21	56.4	35.0 - 65.0
22'33'55'66'-OcCB	M+2/M+4	0.88	0.76-1.02	55.3	35.0 - 65.0
233'44'55'6'-OcCB	M+2/M+4	0.88	0.76-1.02	49.9	35.0 - 65.0
22'33'4'55'66'-NoCB	M+2/M+4	0.79	0.65-0.89	53.5	35.0 - 65.0
22'33'44'55'6'-NoCB	M+2/M+4	0.78	0.65-0.89	53.4	35.0 - 65.0
DeCB	M+4/M+6	1.18	0.99-1.33	53.3	35.0 - 65.0

(1) See Table 7, Method 1668A, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 8, Method 1668A.

(3) Contract-required concentration range as specified in Table 6, Method 1668A, under VER.

SP1668F4AU

FORM 4B
PCB CALIBRATION VERIFICATION

Lab Name: Columbia Analytical Services Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 10/19/09

Instrument ID: Autospec Ultima GC Column ID: SPB-OCTYL

VER Data Filename: U224758

Analysis Date: 15-JAN-11 Time: 11:28:59

LABELLED COMPOUNDS	M/Z'S FORMING RATIO (1)	ION ABUND. RATIO	QC LIMITS (2)	CONC. FOUND	CONC. RANGE (3) (ng/mL)
13C-2-MoCB	M/M+2	3.11	2.66-3.60	99.3	50.0 - 150.0
13C-4-MoCB	M/M+2	3.19	2.66-3.60	100.8	50.0 - 150.0
13C-22'-DiCB	M/M+2	1.54	1.33-1.79	84.3	50.0 - 150.0
13C-44'-DiCB	M/M+2	1.61	1.33-1.79	109.0	50.0 - 150.0
13C-22'6'-TrCB	M/M+2	1.05	0.88-1.20	86.4	50.0 - 150.0
13C-344'-TrCB	M/M+2	1.07	0.88-1.20	129.1	50.0 - 150.0
13C-22'66'-TeCB	M/M+2	0.77	0.65-0.89	89.6	50.0 - 150.0
13C-344'5'-TeCB	M/M+2	0.80	0.65-0.89	125.9	50.0 - 150.0
13C-33'44'-TeCB	M/M+2	0.80	0.65-0.89	121.4	50.0 - 150.0
13C-22'466'-PeCB	M+2/M+4	1.55	1.32-1.78	90.4	50.0 - 150.0
13C-2'344'5'-PeCB	M+2/M+4	1.61	1.32-1.78	117.2	50.0 - 150.0
13C-23'44'5'-PeCB	M+2/M+4	1.61	1.32-1.78	120.2	50.0 - 150.0
13C-2344'5'-PeCB	M+2/M+4	1.58	1.32-1.78	116.0	50.0 - 150.0
13C-233'44'-PeCB	M+2/M+4	1.58	1.32-1.78	115.6	50.0 - 150.0
13C-33'44'5'-PeCB	M+2/M+4	1.58	1.32-1.78	119.7	50.0 - 150.0
13C-22'44'66'-HxCB	M+2/M+4	1.23	1.05-1.43	88.6	50.0 - 150.0
13C-23'44'55'-HxCB	M+2/M+4	1.29	1.05-1.43	107.3	50.0 - 150.0
13C-233'44'5'-HxCB	M+2/M+4	1.25	1.05-1.43	220.9	100.0 - 300.0
13C-33'44'55'-HxCB	M+2/M+4	1.30	1.05-1.43	100.0	50.0 - 150.0
13C-22'34'566'-HpCB	M+2/M+4	1.04	0.89-1.21	109.7	50.0 - 150.0
13C-233'44'55'-HpCB	M+2/M+4	1.06	0.89-1.21	104.2	50.0 - 150.0
13C-22'33'55'66'-OoCB	M+2/M+4	0.90	0.76-1.02	106.3	50.0 - 150.0
13C-233'44'55'6-OoCB	M+2/M+4	0.89	0.76-1.02	108.7	50.0 - 150.0
13C-22'33'4'55'66'-NoCB	M+2/M+4	0.75	0.65-0.89	101.8	50.0 - 150.0
13C-22'33'44'55'6-NoCB	M+2/M+4	0.78	0.65-0.89	105.0	50.0 - 150.0
13C-DeCB	M+4/M+6	1.21	0.99-1.33	95.3	50.0 - 150.0

CLEANUP STANDARDS

13C-244'-TrCB	M/M+2	1.04	0.88-1.20	114.0	50.0 - 150.0
13C-233'55'-PeCB	M+2/M+4	1.55	1.32-1.78	98.4	50.0 - 150.0
13C-22'33'55'6-HpCB	M+2/M+4	1.04	0.89-1.21	90.0	50.0 - 150.0

(1) See Table 7, Method 1668A, for m/z specifications.

(2) Ion Abundance Ratio Limits as specified in Table 8, Method 1668A.

(3) Contract-required concentration range, as specified in Table 6, Method 1668A, under VER.

SP1668F4Bu

Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
CCAL CS3

Run #6 Filename U224758 #1 Samp: 1 Inj: 1 Acquired: 15-JAN-11 11:28:59
Processed: 17-JAN-11 09:42:03 LAB. ID: CCAL CS3

Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT
1	2-MoCB	12:58	3.499e+04	1.122e+04	3.12	yes	no	1.001
2	4-MoCB	15:08	3.657e+04	1.160e+04	3.15	yes	no	1.000
3	22'-DiCB	15:24	1.556e+04	1.013e+04	1.54	yes	no	1.001
4	44'-DiCB	21:19	2.589e+04	1.640e+04	1.58	yes	no	1.001
5	22'6'-TrCB	18:32	9.703e+03	9.351e+03	1.04	yes	no	1.001
6	344'-TrCB	28:20	2.358e+04	2.235e+04	1.05	yes	no	1.001
7	22'66'-TeCB	21:37	1.140e+04	1.492e+04	0.76	yes	no	1.001
8	344'5'-TeCB	35:03	1.604e+04	1.999e+04	0.80	yes	no	1.000
9	33'44'-TeCB	35:37	1.549e+04	1.963e+04	0.79	yes	no	1.001
10	22'466'-PeCB	27:06	1.690e+04	1.060e+04	1.59	yes	no	1.001
11	2'344'5'-PeCB	37:35	1.965e+04	1.233e+04	1.59	yes	no	1.000
12	23'44'5'-PeCB	37:54	2.040e+04	1.274e+04	1.60	yes	no	1.000
13	2344'5'-PeCB	38:26	2.012e+04	1.257e+04	1.60	yes	no	1.001
14	233'44'-PeCB	39:06	1.946e+04	1.216e+04	1.60	yes	no	1.000
15	33'44'5'-PeCB	42:10	1.806e+04	1.143e+04	1.58	yes	no	1.001
16	22'44'66'-HxCB	32:44	1.533e+04	1.256e+04	1.22	yes	no	1.001
17	23'44'55'-HxCB	43:59	1.382e+04	1.089e+04	1.27	yes	no	1.000
18	233'44'5'-HxCB	45:10	2.596e+04	2.045e+04	1.27	yes	no	1.001
19	33'44'55'-HxCB	48:22	1.110e+04	8.641e+03	1.28	yes	no	1.000
20	22'34'566'-HpCB	38:25	1.184e+04	1.180e+04	1.00	yes	no	1.000
21	233'44'55'-HpCB	50:51	7.523e+03	7.241e+03	1.04	yes	no	1.000
22	22'33'55'66'-OxCB	43:46	7.693e+03	8.747e+03	0.88	yes	no	1.000
23	233'44'55'6-OxCB	53:25	5.718e+03	6.511e+03	0.88	yes	no	1.001
24	22'33'4'55'66'-NoCB	50:22	5.814e+03	7.378e+03	0.79	yes	no	1.000
25	22'33'44'55'6-NoCB	55:08	4.965e+03	6.365e+03	0.78	yes	no	1.000
26	DeCB	56:43	7.492e+03	6.328e+03	1.18	yes	no	1.000
27	13C-2-MoCB	12:57	5.939e+04	1.911e+04	3.11	yes	no	0.746
28	13C-4-MoCB	15:08	6.204e+04	1.943e+04	3.19	yes	no	0.871
29	13C-22'-DiCB	15:23	3.156e+04	2.047e+04	1.54	yes	no	0.886
30	13C-44'-DiCB	21:18	4.711e+04	2.929e+04	1.61	yes	no	1.226
31	13C-22'6'-TrCB	18:31	1.852e+04	1.760e+04	1.05	yes	no	1.066
32	13C-344'-TrCB	28:19	3.944e+04	3.695e+04	1.07	yes	no	1.084
33	13C-22'66'-TeCB	21:36	2.202e+04	2.860e+04	0.77	yes	no	0.827
34	13C-344'5'-TeCB	35:02	2.733e+04	3.407e+04	0.80	yes	no	1.341
35	13C-33'44'-TeCB	35:35	2.638e+04	3.295e+04	0.80	yes	no	1.362
36	13C-22'466'-PeCB	27:04	3.262e+04	2.106e+04	1.55	yes	no	0.821
37	13C-2'344'5'-PeCB	37:34	3.521e+04	2.188e+04	1.61	yes	no	1.140
38	13C-23'44'5'-PeCB	37:53	3.703e+04	2.305e+04	1.61	yes	no	1.150
39	13C-2344'5'-PeCB	38:24	3.522e+04	2.228e+04	1.58	yes	no	1.165
40	13C-233'44'-PeCB	39:05	3.404e+04	2.148e+04	1.58	yes	no	1.186
41	13C-33'44'5'-PeCB	42:08	3.244e+04	2.058e+04	1.58	yes	no	1.279
42	13C-22'44'66'-HxCB	32:42	3.045e+04	2.478e+04	1.23	yes	no	0.798
43	13C-23'44'55'-HxCB	43:58	2.481e+04	1.919e+04	1.29	yes	no	1.073
44	13C-233'44'5'-HxCB	45:08	4.615e+04	3.678e+04	1.25	yes	no	1.101
45	13C-33'44'55'-HxCB	48:21	1.953e+04	1.503e+04	1.30	yes	no	1.180
46	13C-22'34'566'-HpCB	38:24	2.542e+04	2.452e+04	1.04	yes	no	0.726
47	13C-233'44'55'-HpCB	50:50	1.475e+04	1.396e+04	1.06	yes	no	0.961
48	13C-22'33'55'66'-OxCB	43:45	1.624e+04	1.798e+04	0.90	yes	no	0.827
49	13C-233'44'55'6-OxCB	53:23	1.237e+04	1.388e+04	0.89	yes	no	1.009
50	13C-22'33'4'55'66'-NoCB	50:21	1.153e+04	1.544e+04	0.75	yes	no	0.951
51	13C-22'33'44'55'6-NoCB	55:07	9.895e+03	1.274e+04	0.78	yes	no	1.042
52	13C-DeCB	56:42	1.536e+04	1.271e+04	1.21	yes	no	1.071

53	28L	13C-244'-TrCB	24:18	4.016e+04	3.846e+04	1.04	yes	no	0.930
54	111L	13C-233'55'-PeCB	35:36	2.969e+04	1.916e+04	1.55	yes	no	1.080
55	178L	13C-22'33'55'6'-HpCB	41:26	1.599e+04	1.543e+04	1.04	yes	no	1.011
56	9L	13C-2,5-DiCB	17:22	4.189e+04	2.616e+04	1.60	yes	no	*
57	52L	13C-22'55'-TeCB	26:08	1.991e+04	2.492e+04	0.80	yes	no	*
58	101L	13C-22'4'55'-PeCB	32:57	2.467e+04	1.543e+04	1.60	yes	no	*
59	138L	13C-22'3'44'5'-HxCB	40:59	2.180e+04	1.721e+04	1.27	yes	no	*
60	194L	13C-22'33'44'55'-OcCB	52:55	8.738e+03	9.593e+03	0.91	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
CCAL CS3

Run #6 Filename U224758 Samp: 1 Inj: 1 Acquired: 15-JAN-11 11:28:59
Processed: 17-JAN-11 09:42:031 LAB. ID: CCAL CS3

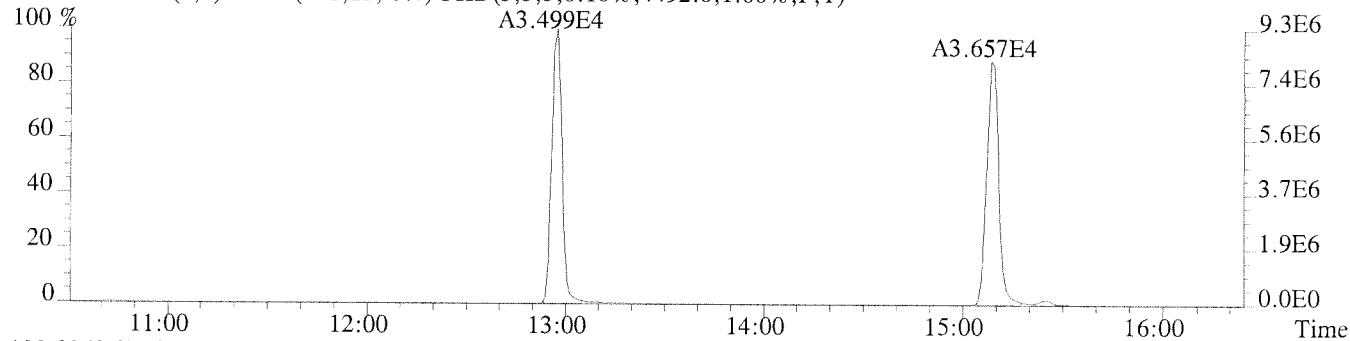
	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	9.29e+06	4.49e+03	2.1e+03	2.88e+06	3.32e+03	8.7e+02
2	4-MoCB	8.22e+06	4.49e+03	1.8e+03	2.64e+06	3.32e+03	8.0e+02
3	22'-DiCB	3.71e+06	2.37e+03	1.6e+03	2.45e+06	6.40e+03	3.8e+02
4	44'-DiCB	5.52e+06	2.36e+03	2.3e+03	3.48e+06	5.24e+03	6.4e+02
5	22'6'-TrCB	2.34e+06	2.09e+03	1.1e+03	2.24e+06	3.52e+03	6.6e+02
6	344'-TrCB	4.44e+06	2.87e+03	1.5e+03	4.15e+06	6.07e+03	6.8e+02
7	22'66'-TeCB	2.54e+06	1.24e+03	2.1e+03	3.27e+06	1.20e+03	2.7e+03
8	344'5-TeCB	2.90e+06	1.34e+03	2.2e+03	3.63e+06	1.28e+03	2.8e+03
9	33'44'-TeCB	2.80e+06	1.34e+03	2.1e+03	3.54e+06	1.28e+03	2.8e+03
10	22'466'-PeCB	3.21e+06	1.46e+03	2.2e+03	1.99e+06	1.71e+03	1.2e+03
11	2'344'5-PeCB	3.52e+06	3.17e+03	1.1e+03	2.22e+06	2.81e+03	7.9e+02
12	23'44'5-PeCB	3.72e+06	3.17e+03	1.2e+03	2.36e+06	2.81e+03	8.4e+02
13	2344'5-PeCB	3.65e+06	3.17e+03	1.2e+03	2.27e+06	2.81e+03	8.1e+02
14	233'44'-PeCB	3.52e+06	3.17e+03	1.1e+03	2.18e+06	2.81e+03	7.8e+02
15	33'44'5-PeCB	3.16e+06	3.17e+03	1.0e+03	1.98e+06	2.81e+03	7.0e+02
16	22'44'66'-HxCB	2.89e+06	1.61e+03	1.8e+03	2.37e+06	1.58e+03	1.5e+03
17	23'44'55'-HxCB	2.93e+06	4.19e+03	7.0e+02	2.38e+06	2.43e+03	9.8e+02
18	233'44'5-HxCB	3.93e+06	4.19e+03	9.4e+02	3.14e+06	2.43e+03	1.3e+03
19	33'44'55'-HxCB	2.35e+06	4.19e+03	5.6e+02	1.84e+06	2.43e+03	7.6e+02
20	22'34'566'-HpCB	2.21e+06	1.18e+03	1.9e+03	2.20e+06	1.08e+03	2.0e+03
21	233'44'55'-HpCB	1.60e+06	1.25e+03	1.3e+03	1.51e+06	1.64e+03	9.2e+02
22	22'33'55'66'-OcCB	1.71e+06	1.31e+03	1.3e+03	1.96e+06	1.29e+03	1.5e+03
23	233'44'55'6-OcCB	1.21e+06	1.31e+03	9.2e+02	1.37e+06	1.29e+03	1.1e+03
24	22'33'4'55'66'-NoCB	1.23e+06	1.39e+03	8.8e+02	1.56e+06	1.16e+03	1.4e+03
25	22'33'44'55'6-NoCB	9.42e+05	1.28e+03	7.4e+02	1.23e+06	1.79e+03	6.9e+02
26	DeCB	1.43e+06	8.76e+02	1.6e+03	1.24e+06	9.44e+02	1.3e+03
27	13C-2-MoCB	1.61e+07	5.20e+03	3.1e+03	5.12e+06	2.26e+04	2.3e+02
28	13C-4-MoCB	1.39e+07	5.20e+03	2.7e+03	4.44e+06	2.26e+04	2.0e+02
29	13C-22'-DiCB	7.66e+06	3.05e+03	2.5e+03	4.94e+06	2.78e+03	1.8e+03
30	13C-44'-DiCB	1.00e+07	6.32e+03	1.6e+03	6.20e+06	2.80e+03	2.2e+03
31	13C-22'6'-TrCB	4.38e+06	2.70e+04	1.6e+02	4.19e+06	9.89e+03	4.2e+02
32	13C-344'-TrCB	7.33e+06	2.73e+04	2.7e+02	6.80e+06	1.23e+04	5.5e+02
33	13C-22'66'-TeCB	4.85e+06	2.67e+03	1.8e+03	6.32e+06	1.32e+03	4.8e+03
34	13C-344'5-TeCB	5.03e+06	2.00e+03	2.5e+03	6.27e+06	1.71e+03	3.7e+03
35	13C-33'44'-TeCB	4.66e+06	2.00e+03	2.3e+03	5.88e+06	1.71e+03	3.4e+03
36	13C-22'466'-PeCB	6.26e+06	1.52e+03	4.1e+03	4.07e+06	1.45e+03	2.8e+03
37	13C-2'344'5-PeCB	6.44e+06	3.68e+03	1.8e+03	4.01e+06	7.33e+03	5.5e+02
38	13C-23'44'5-PeCB	6.75e+06	3.68e+03	1.8e+03	4.18e+06	7.33e+03	5.7e+02
39	13C-2344'5-PeCB	6.29e+06	3.68e+03	1.7e+03	3.99e+06	7.33e+03	5.4e+02
40	13C-233'44'-PeCB	5.99e+06	3.68e+03	1.6e+03	3.78e+06	7.33e+03	5.2e+02
41	13C-233'44'5-PeCB	5.54e+06	3.68e+03	1.5e+03	3.49e+06	7.33e+03	4.8e+02
42	13C-22'44'66'-HxCB	5.88e+06	1.86e+03	3.2e+03	4.74e+06	1.94e+03	2.4e+03
43	13C-23'44'55'-HxCB	5.36e+06	2.73e+03	2.0e+03	4.14e+06	2.59e+03	1.6e+03
44	13C-233'44'5'-HxCB	6.99e+06	2.73e+03	2.6e+03	5.61e+06	2.59e+03	2.2e+03
45	13C-33'44'55'-HxCB	4.13e+06	2.73e+03	1.5e+03	3.18e+06	2.59e+03	1.2e+03
46	13C-22'34'566'-HpCB	4.71e+06	1.37e+03	3.4e+03	4.57e+06	8.72e+02	5.2e+03
47	13C-233'44'55'-HpCB	3.14e+06	1.72e+03	1.8e+03	2.97e+06	1.72e+03	1.7e+03
48	13C-22'33'55'66'-OcCB	3.55e+06	2.01e+03	1.8e+03	3.93e+06	1.14e+03	3.5e+03
49	13C-233'44'55'6-OcCB	2.62e+06	2.01e+03	1.3e+03	2.94e+06	1.14e+03	2.6e+03
50	13C-22'33'4'55'66'-NoCB	2.56e+06	1.24e+03	2.1e+03	3.37e+06	1.32e+03	2.6e+03
51	13C-22'33'44'55'6-NoCB	1.96e+06	1.38e+03	1.4e+03	2.48e+06	1.42e+03	1.7e+03
52	13C-DeCB	2.94e+06	8.64e+02	3.4e+03	2.44e+06	7.92e+02	3.1e+03

53	13C-244'-TrCB	7.53e+06	2.73e+04	2.8e+02	7.25e+06	1.23e+04	5.9e+02
54	13C-233'55'-PeCB	5.51e+06	2.02e+03	2.7e+03	3.53e+06	2.32e+03	1.5e+03
55	13C-22'33'55'6-HpCB	2.95e+06	1.37e+03	2.1e+03	2.82e+06	8.72e+02	3.2e+03
56	13C-2,5-DiCB	1.02e+07	6.32e+03	1.6e+03	6.36e+06	2.80e+03	2.3e+03
57	13C-22'55'-TeCB	3.77e+06	2.04e+03	1.8e+03	4.79e+06	1.44e+03	3.3e+03
58	13C-22'4'55'-PeCB	4.71e+06	2.02e+03	2.3e+03	2.92e+06	2.32e+03	1.3e+03
59	13C-22'3'44'5'-HxCB	3.91e+06	9.96e+02	3.9e+03	3.11e+06	1.16e+03	2.7e+03
60	13C-22'33'44'55'-OxCB	1.85e+06	2.01e+03	9.2e+02	2.04e+06	1.14e+03	1.8e+03

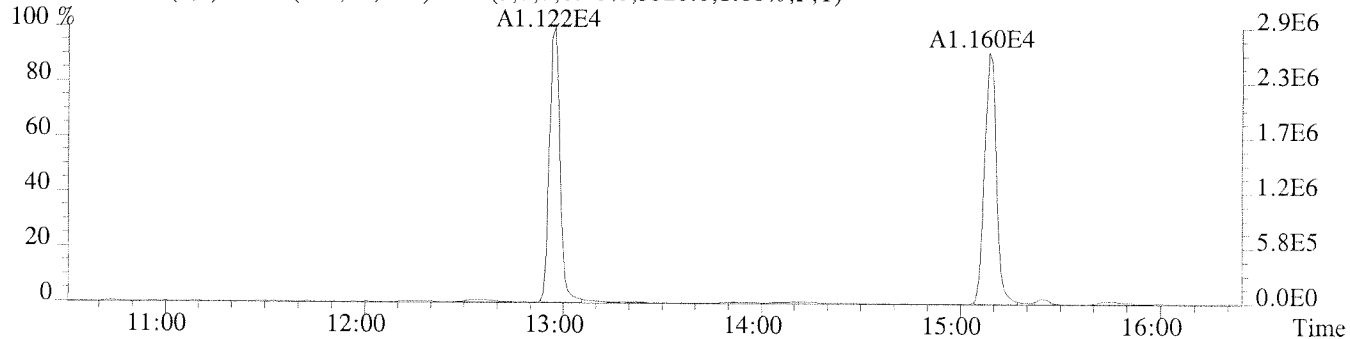
File:U224758 #1-379 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

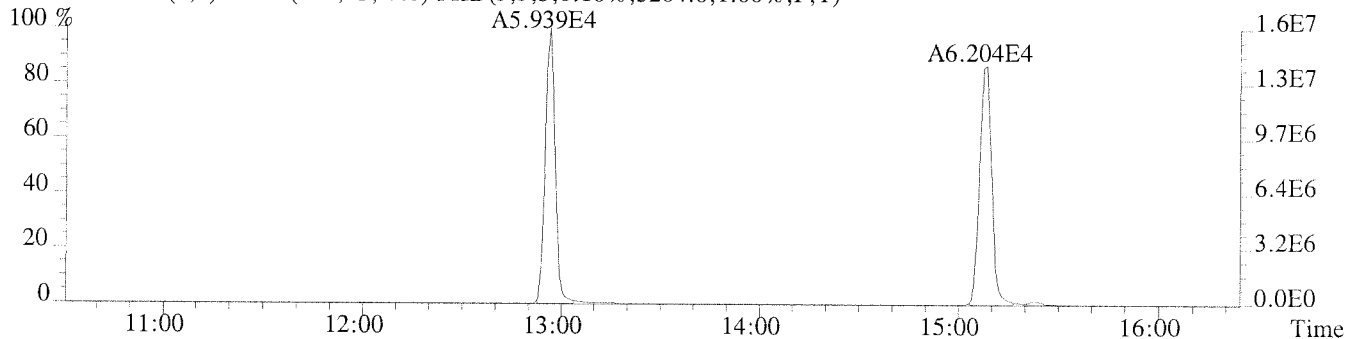
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4492.0,1.00%,F,T)



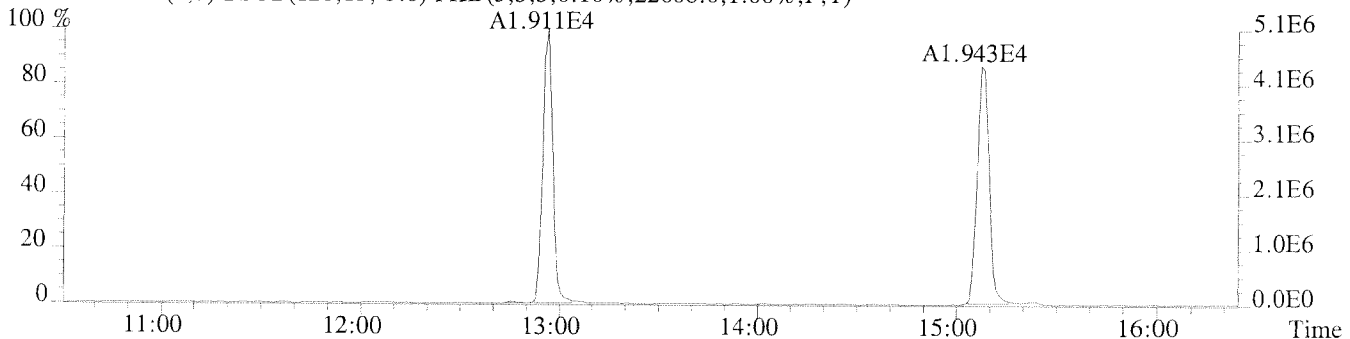
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3320.0,1.00%,F,T)



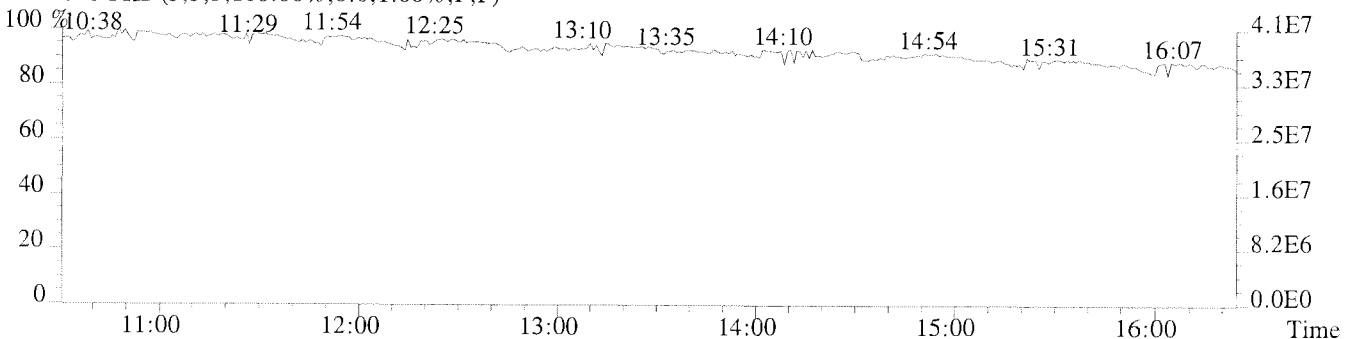
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5204.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,22608.0,1.00%,F,T)



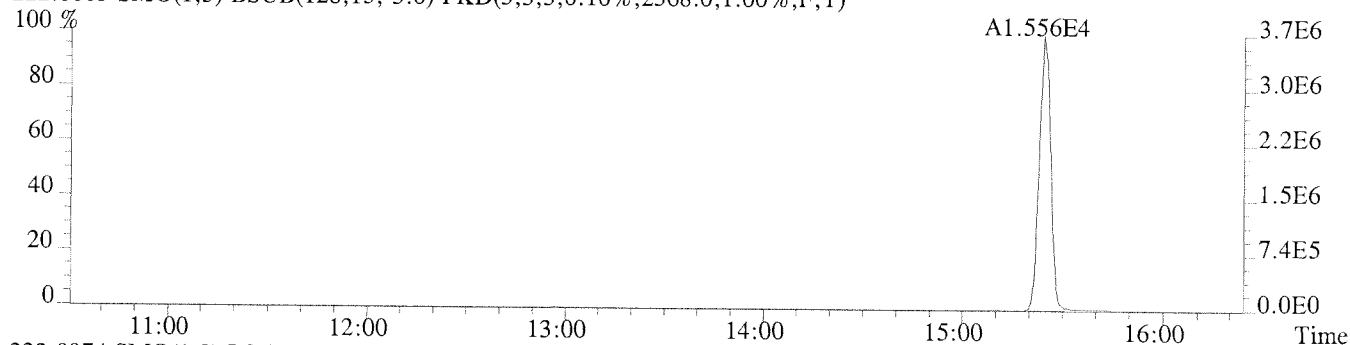
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



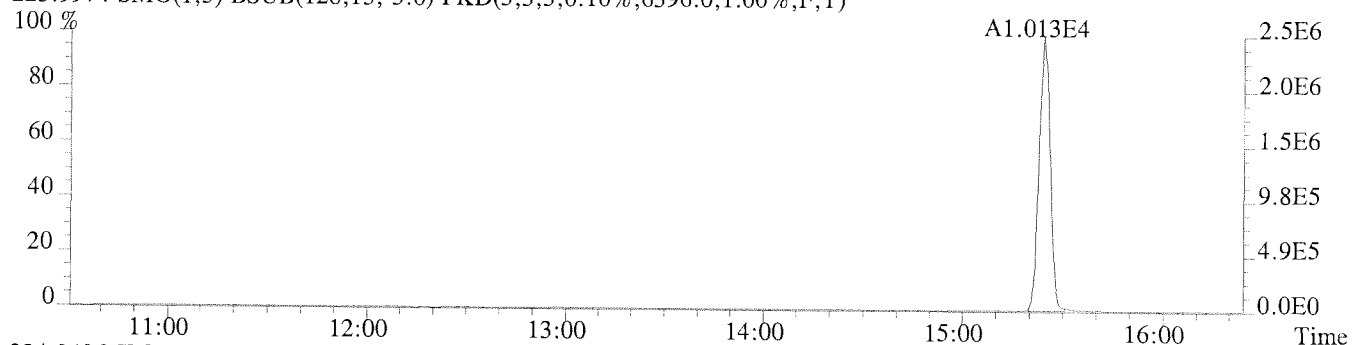
File:U224758 #1-379 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

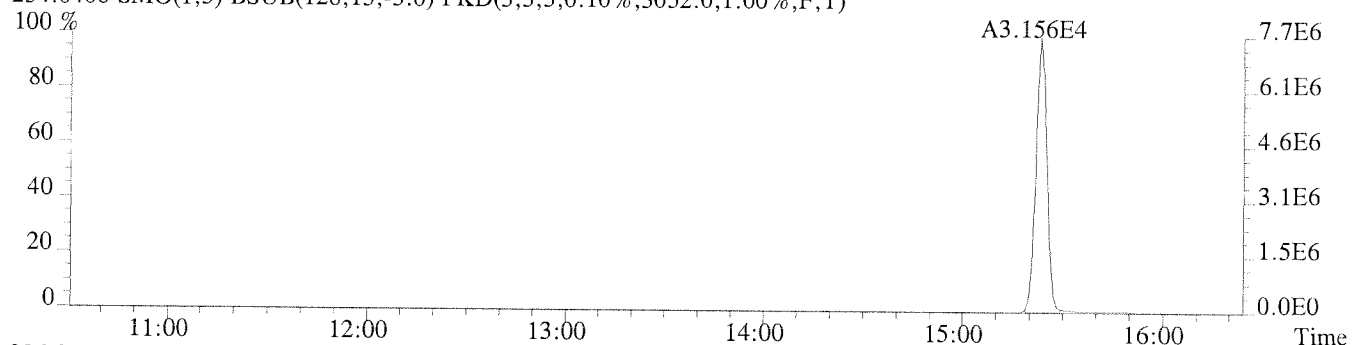
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2368.0,1.00%,F,T)



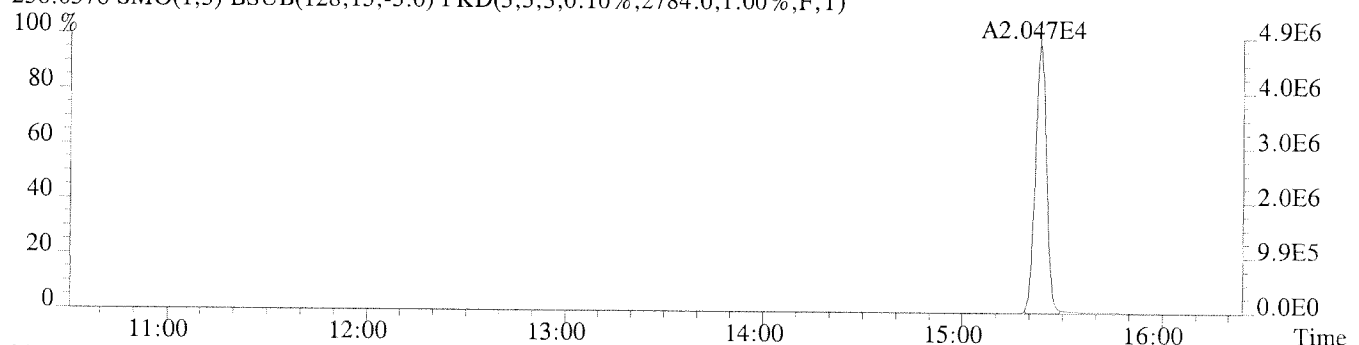
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6396.0,1.00%,F,T)



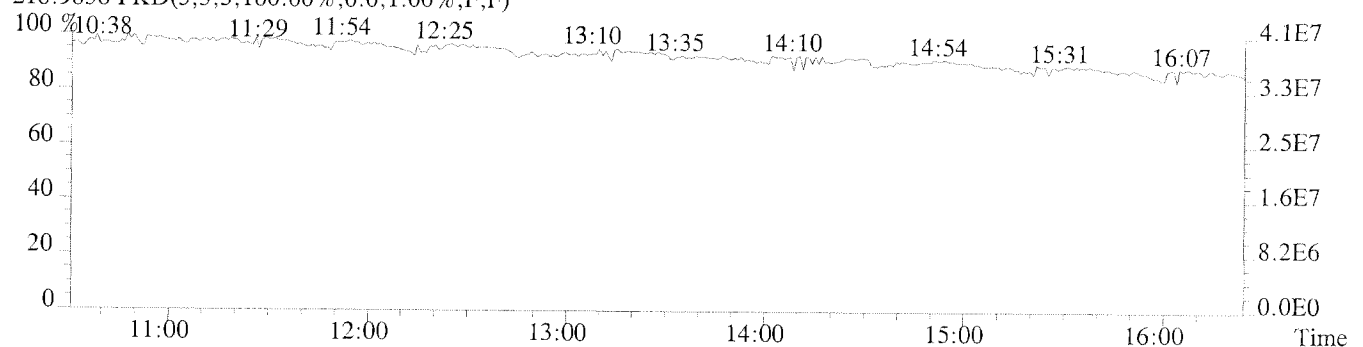
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3052.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2784.0,1.00%,F,T)



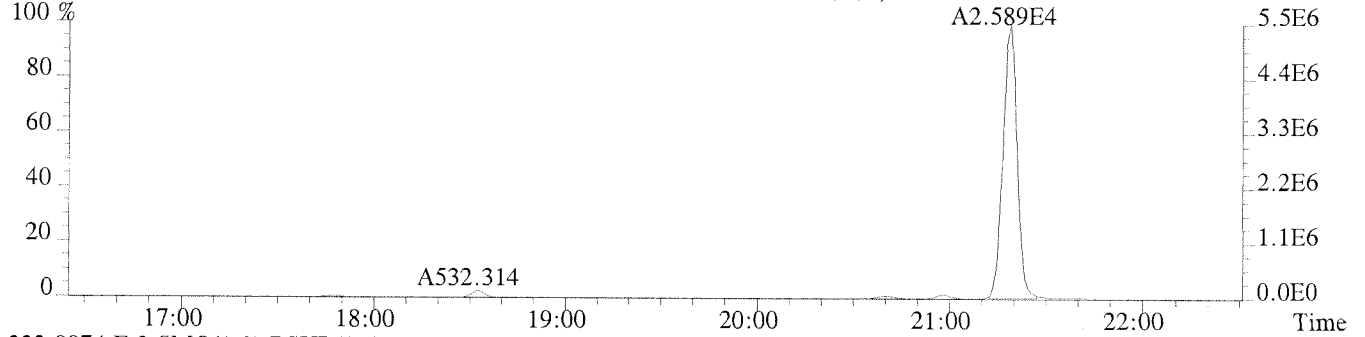
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



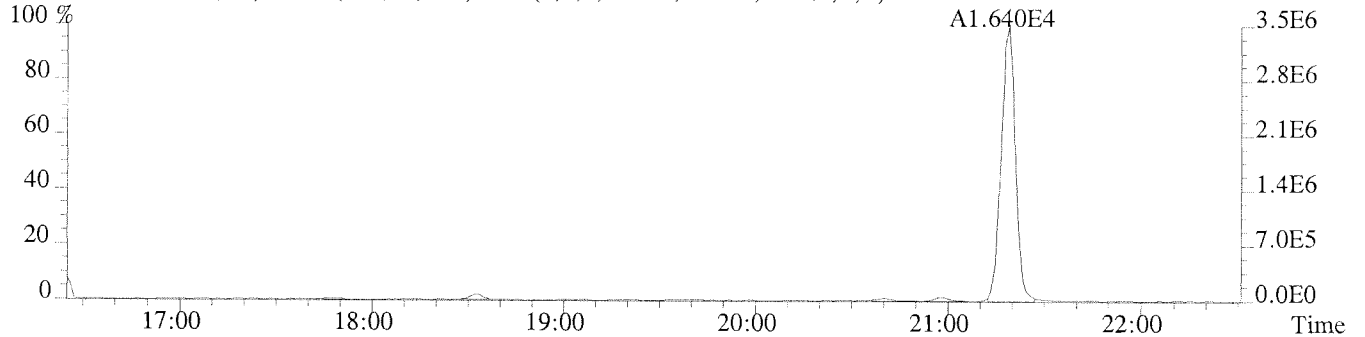
File:U224758 #1-337 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

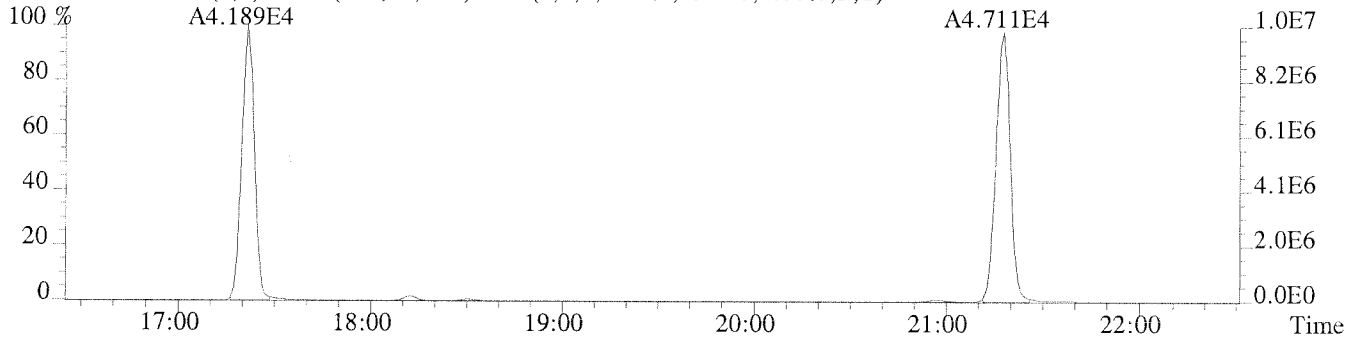
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2360.0,1.00%,F,T)



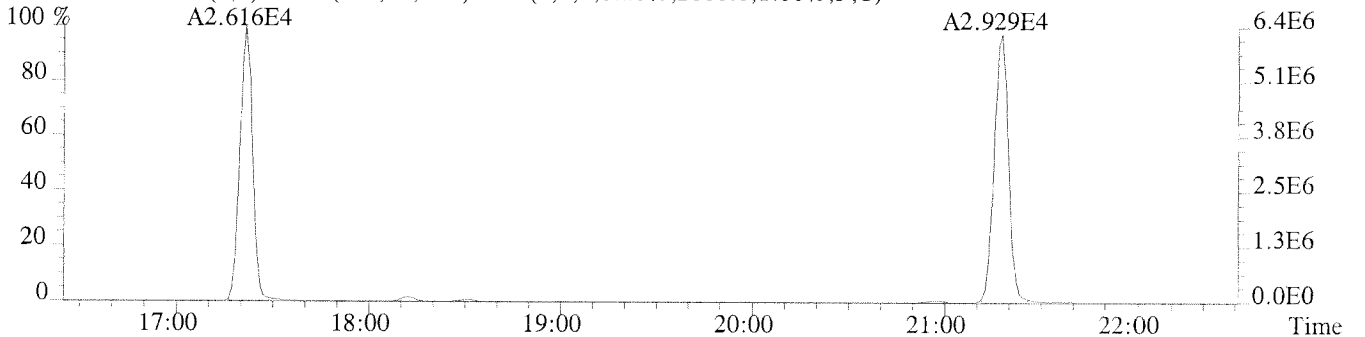
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5236.0,1.00%,F,T)



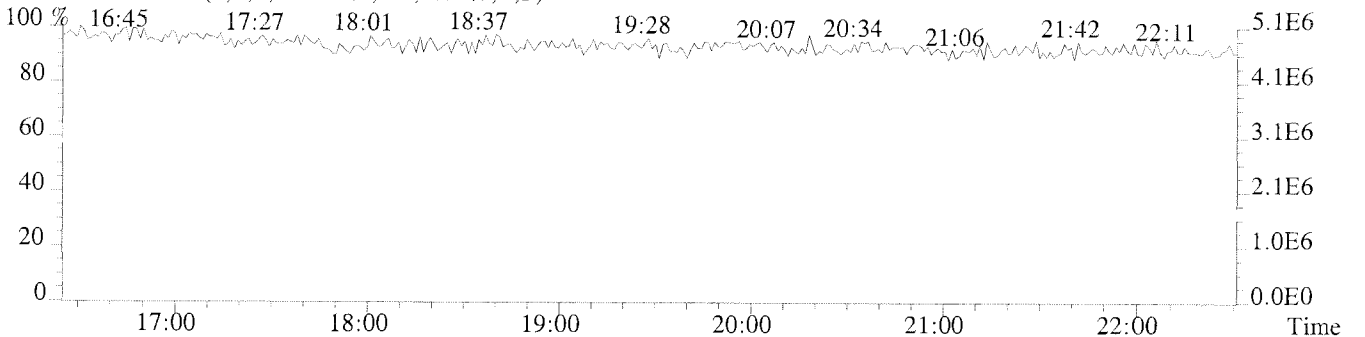
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6316.0,1.00%,F,T)



236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2800.0,1.00%,F,T)



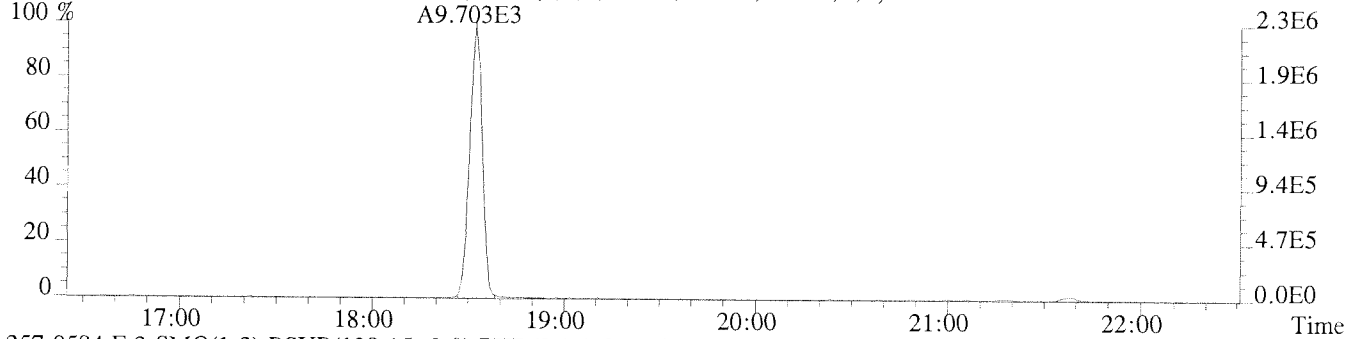
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



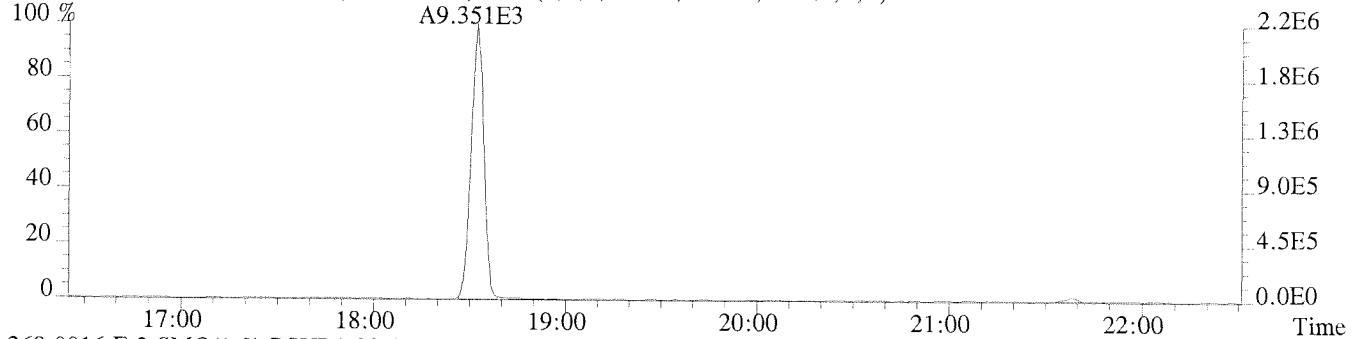
File:U224758 #1-337 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

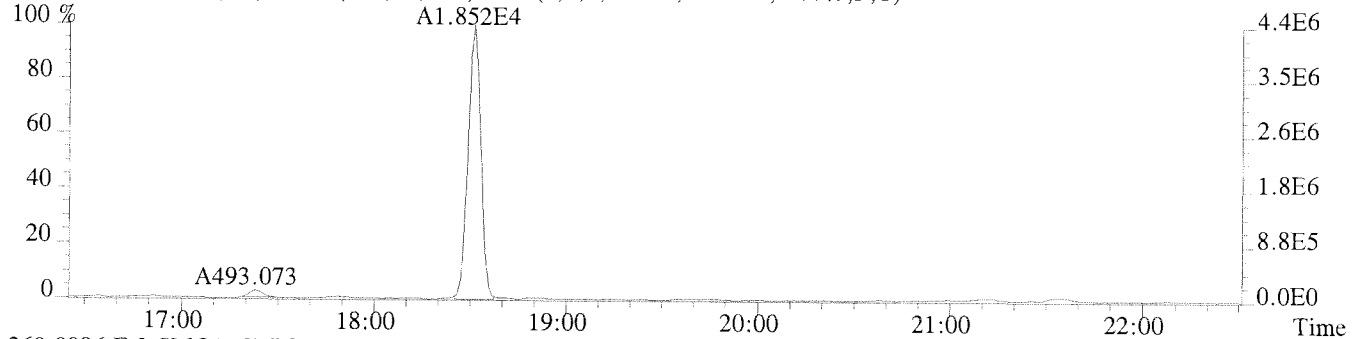
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2088.0,1.00%,F,T)



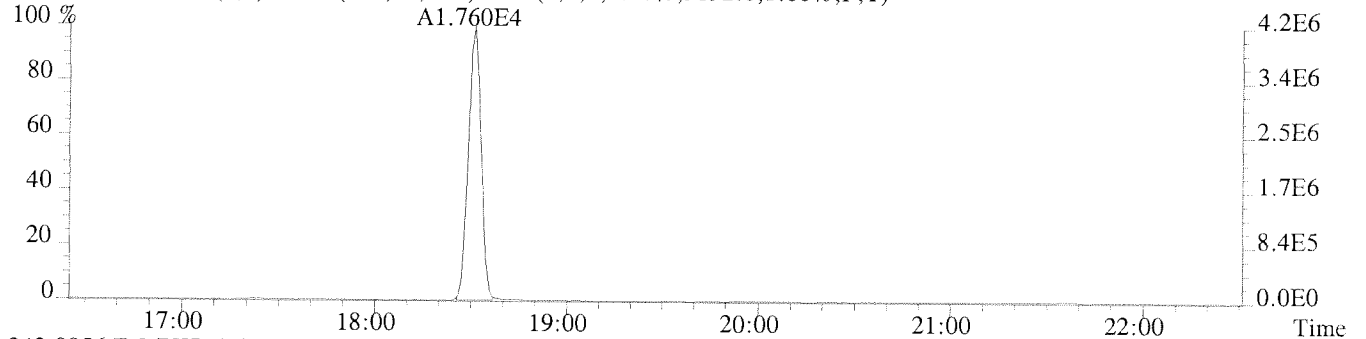
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3516.0,1.00%,F,T)



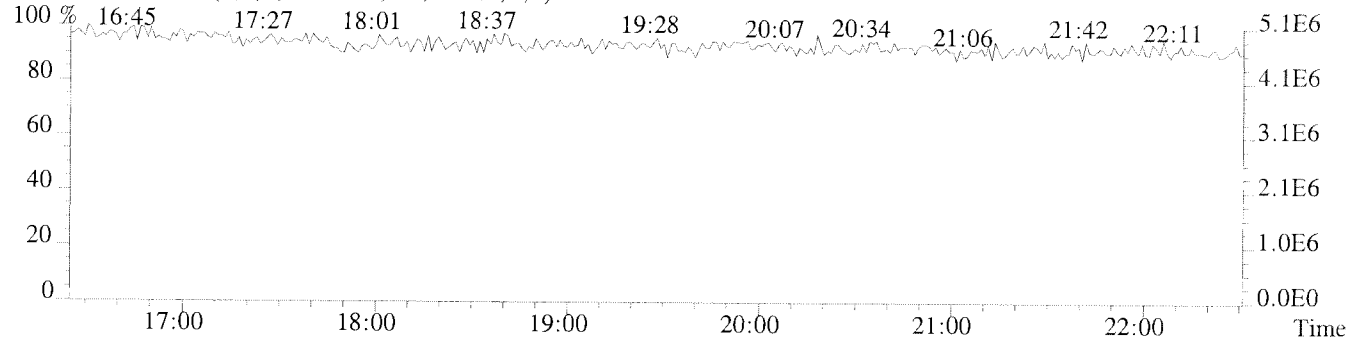
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,27016.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9892.0,1.00%,F,T)



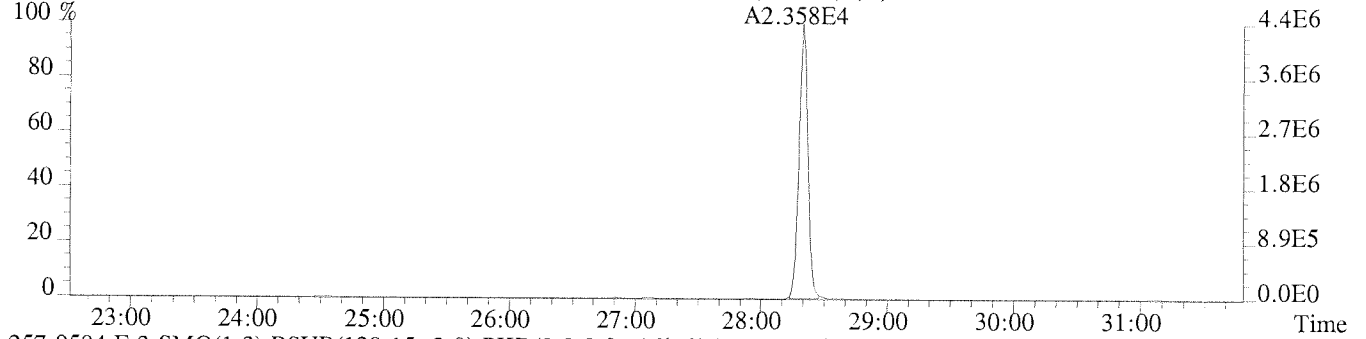
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



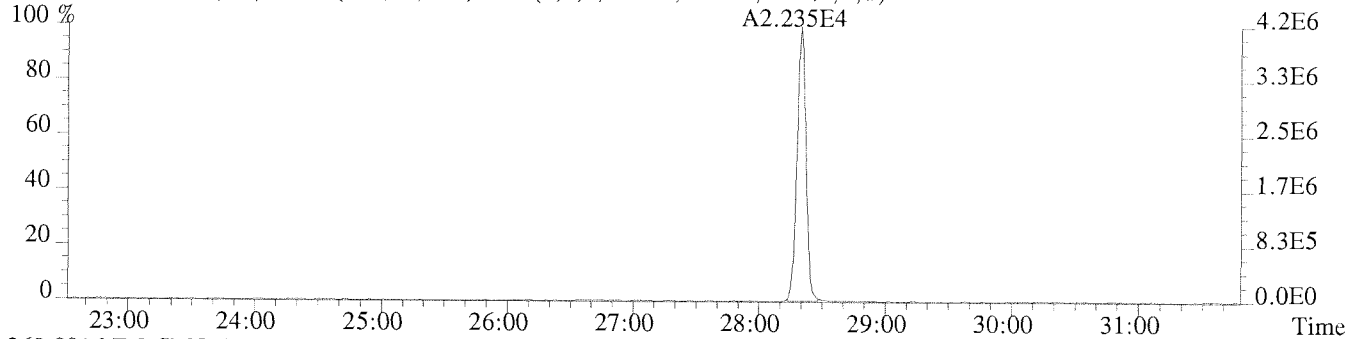
File:U224758 #1-594 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

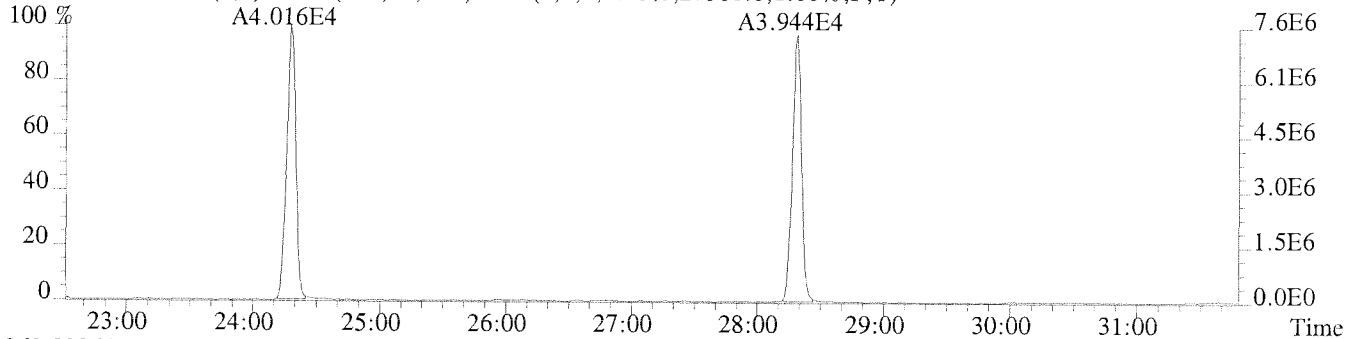
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2872.0,1.00%,F,T)



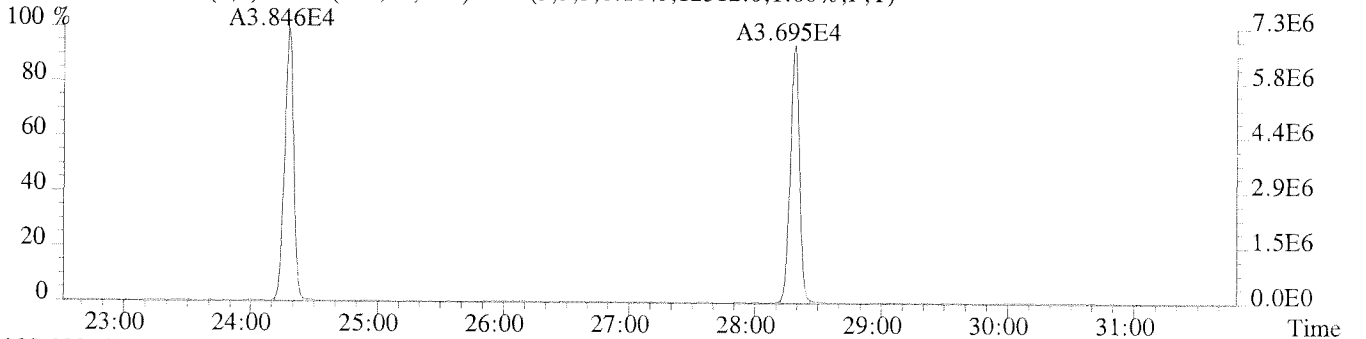
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6068.0,1.00%,F,T)



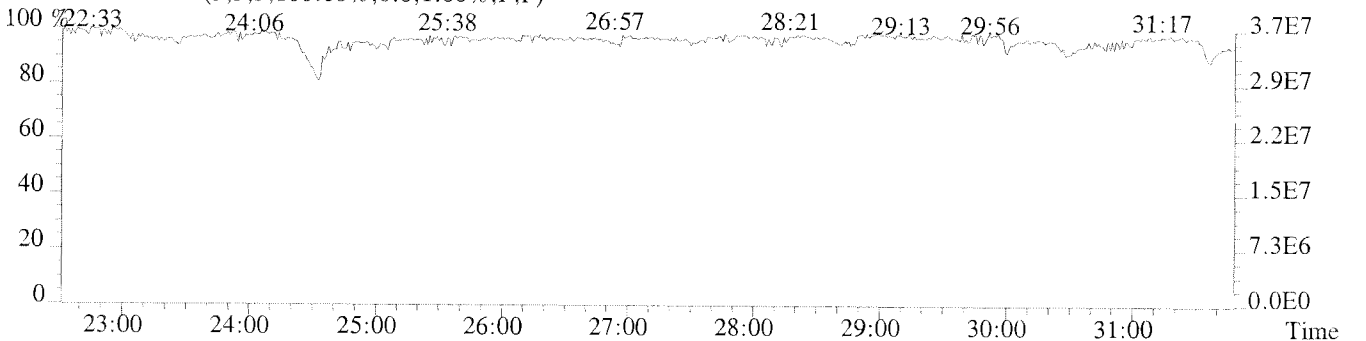
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,27308.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12312.0,1.00%,F,T)



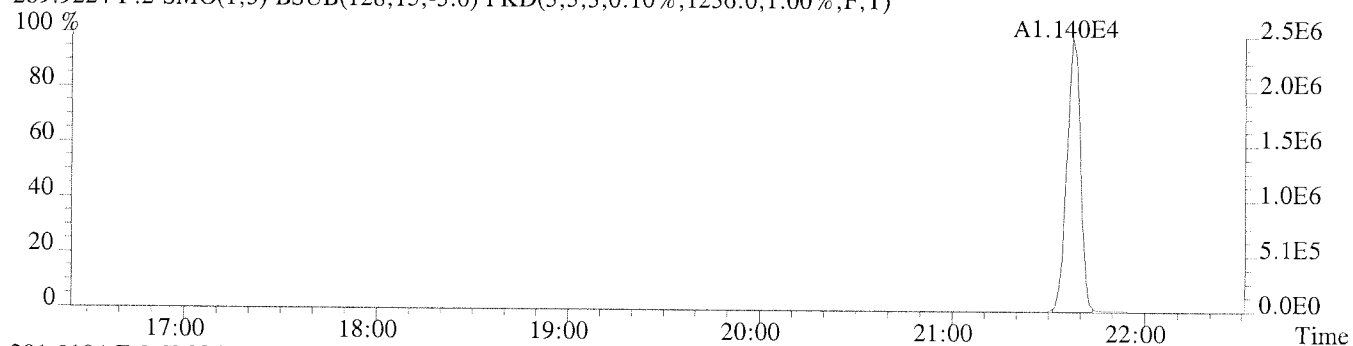
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



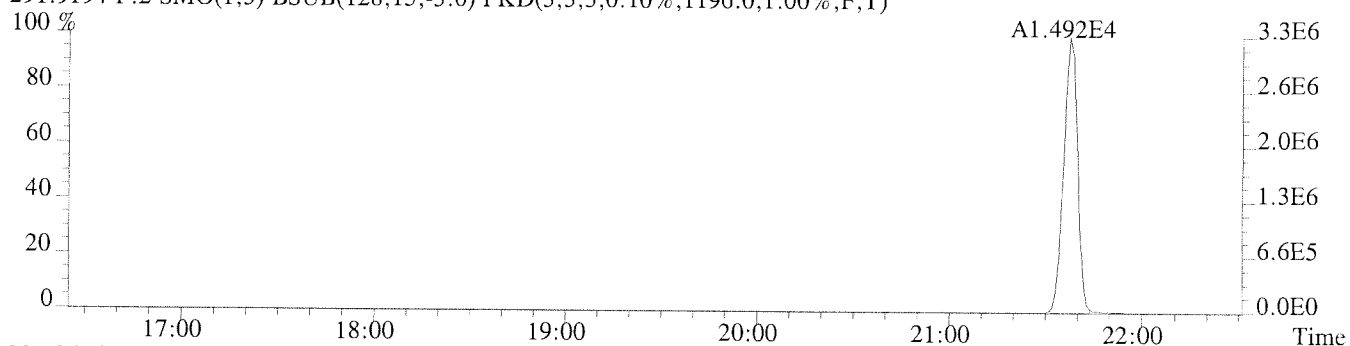
File:U224758 #1-337 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

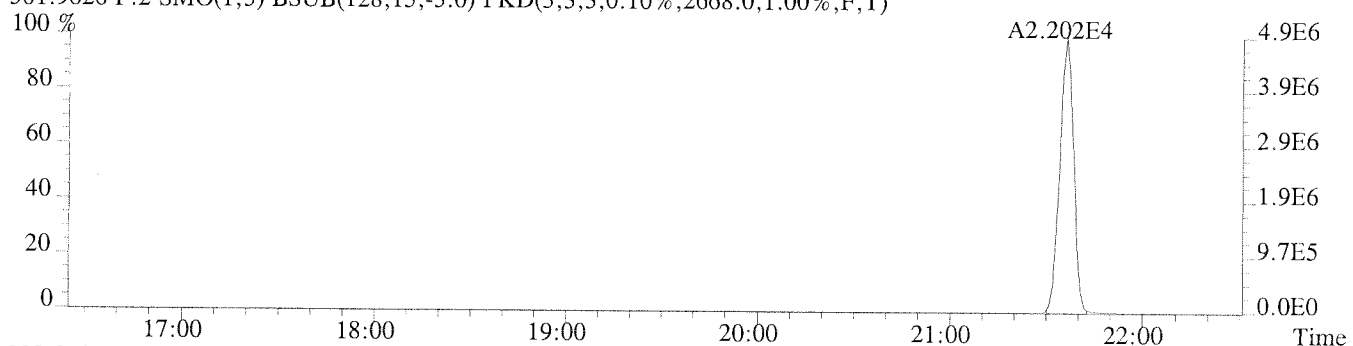
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1236.0,1.00%,F,T)



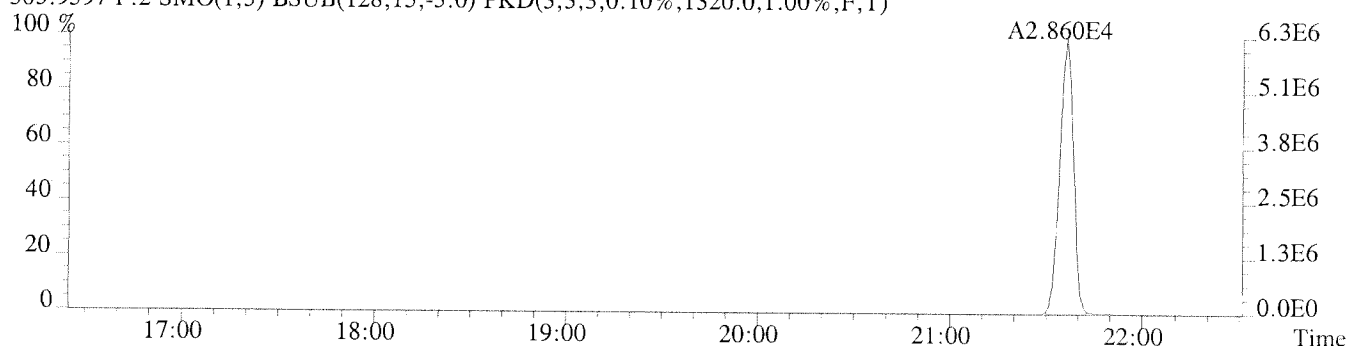
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1196.0,1.00%,F,T)



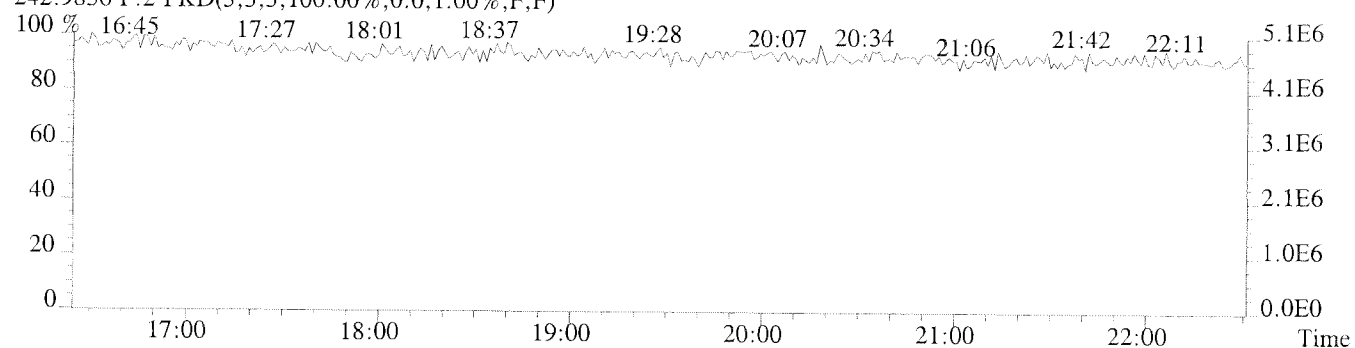
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2668.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1320.0,1.00%,F,T)

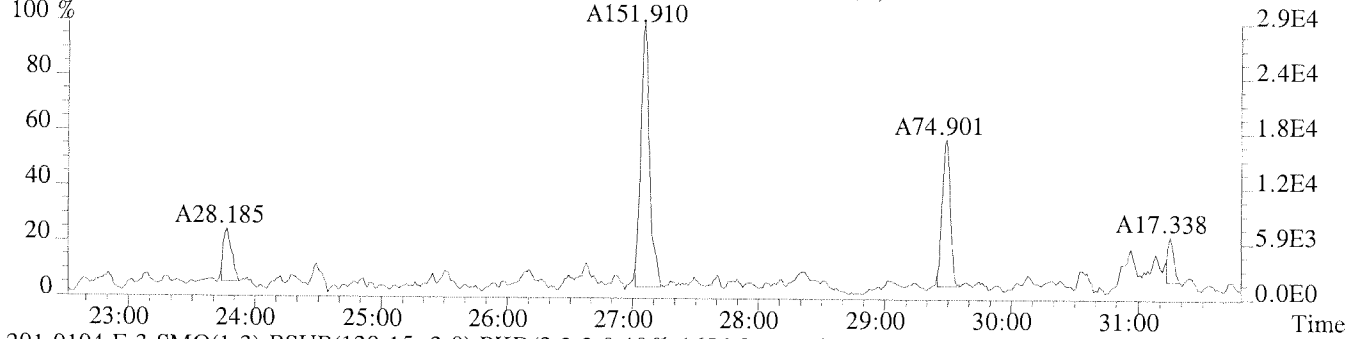


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

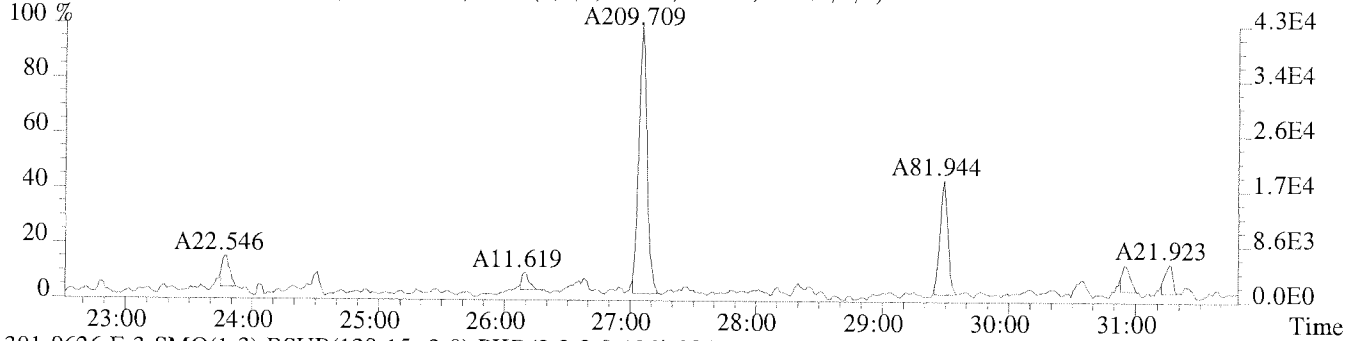


File:U224758 #1-594 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:CCAL CS3

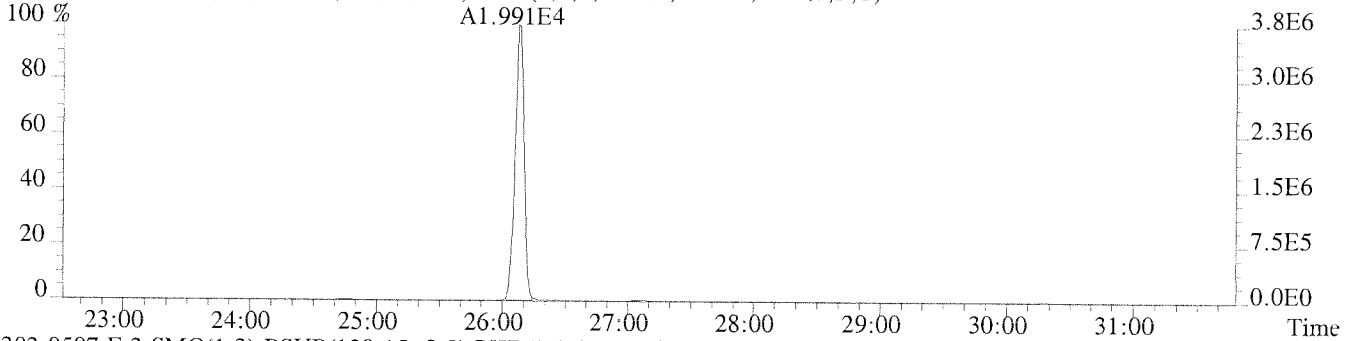
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1940.0,1.00%,F,T)



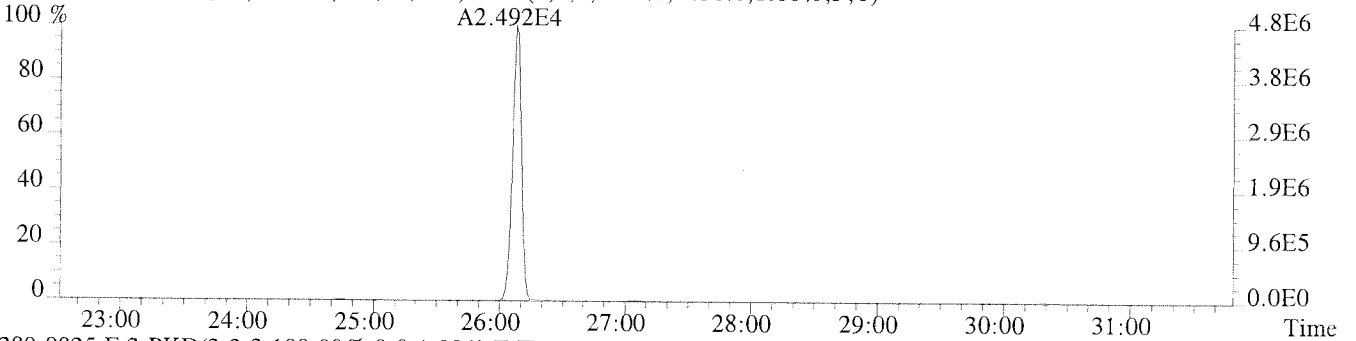
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1656.0,1.00%,F,T)



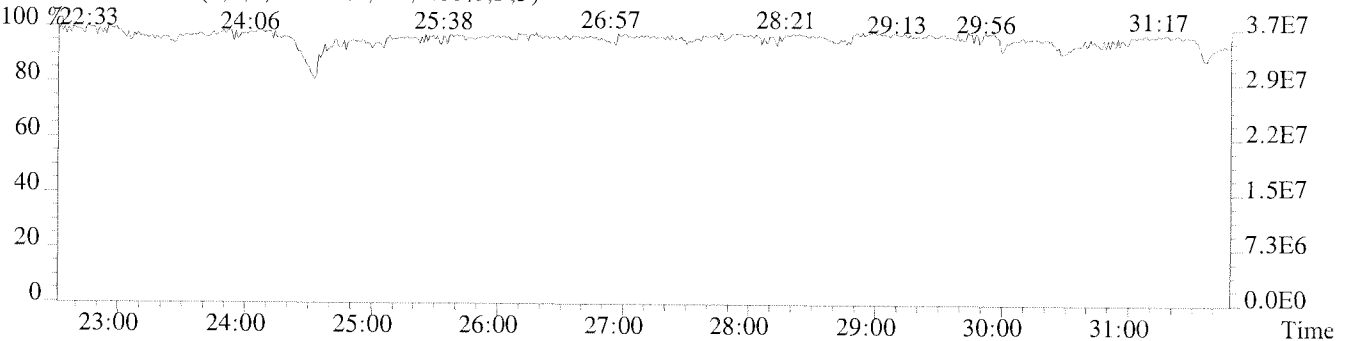
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2044.0,1.00%,F,T)



303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1436.0,1.00%,F,T)



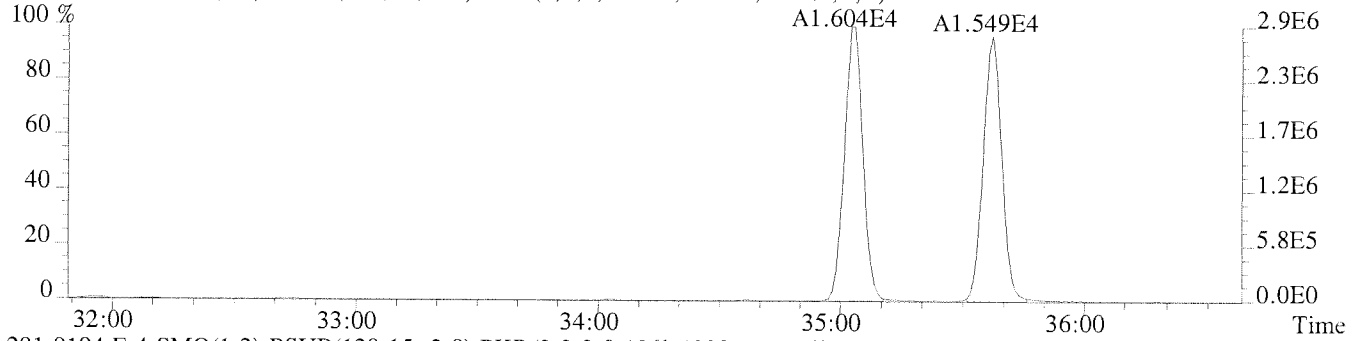
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



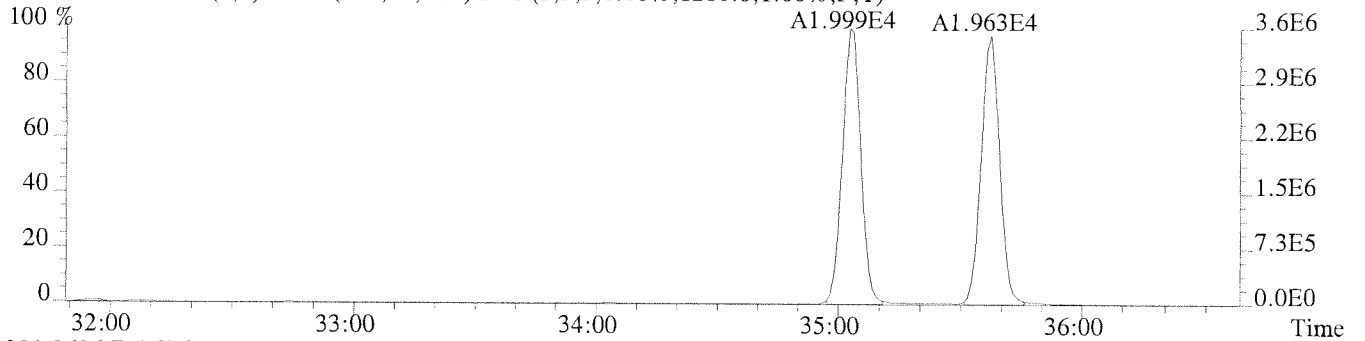
File:U224758 #1-309 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

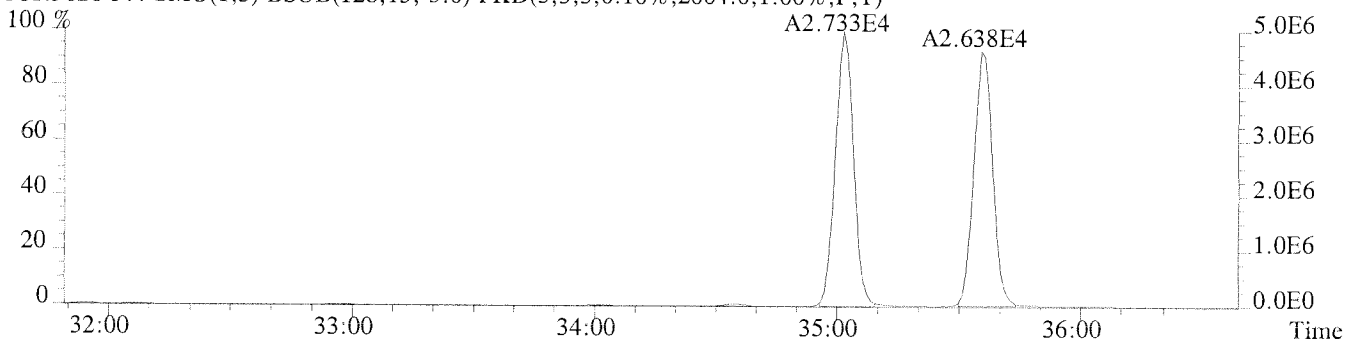
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1344.0,1.00%,F,T)



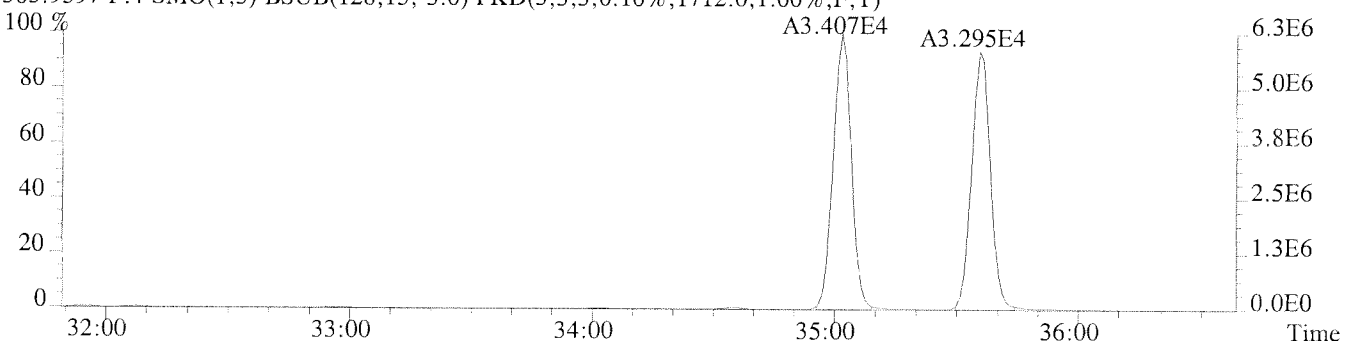
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,T)



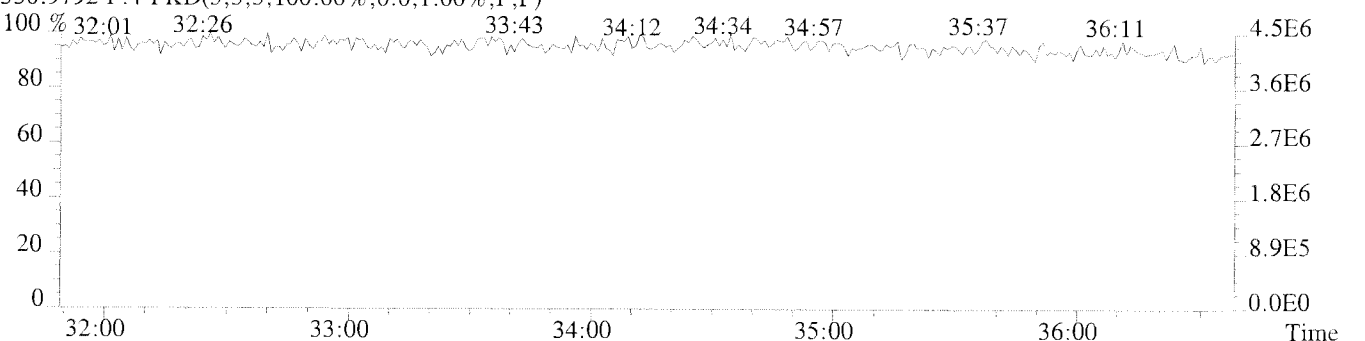
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2004.0,1.00%,F,T)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1712.0,1.00%,F,T)



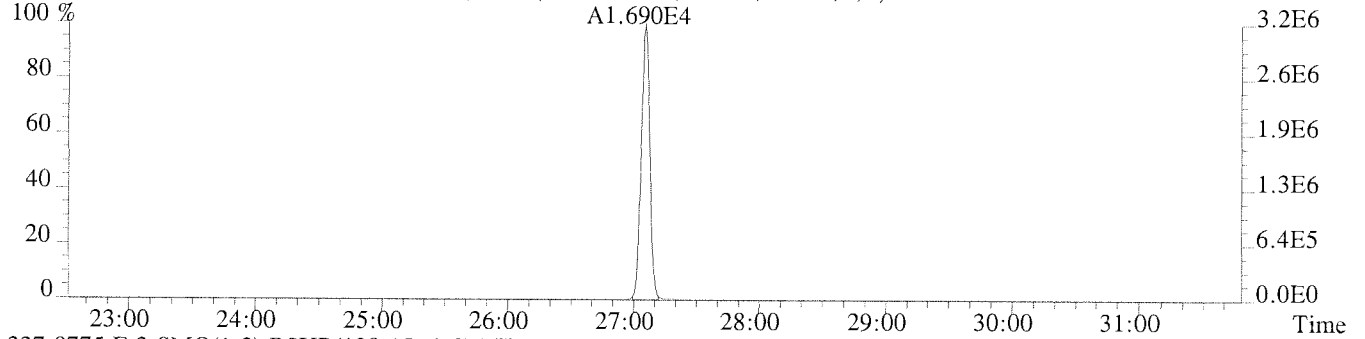
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



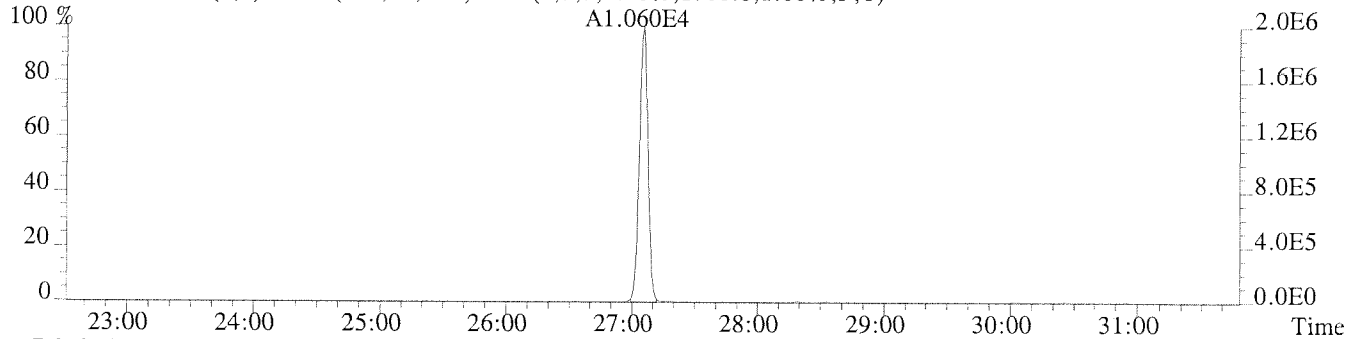
File:U224758 #1-594 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

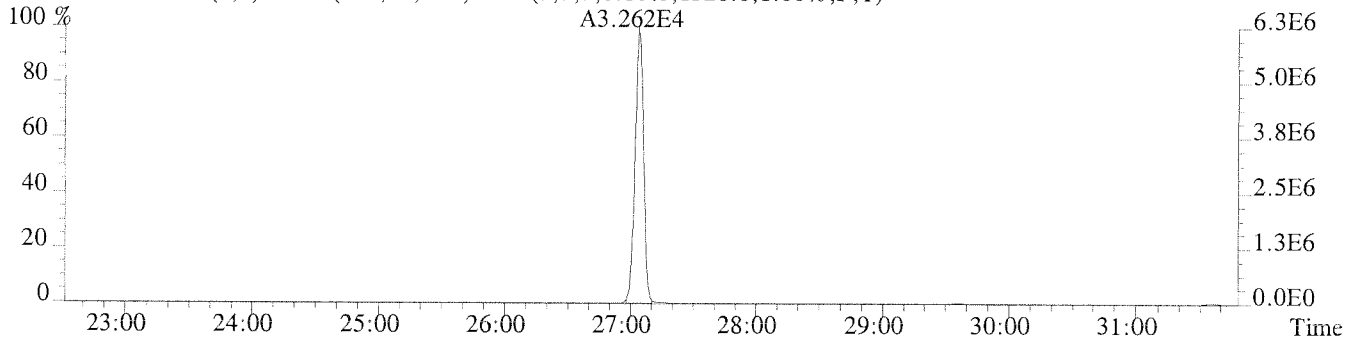
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1464.0,1.00%,F,T)



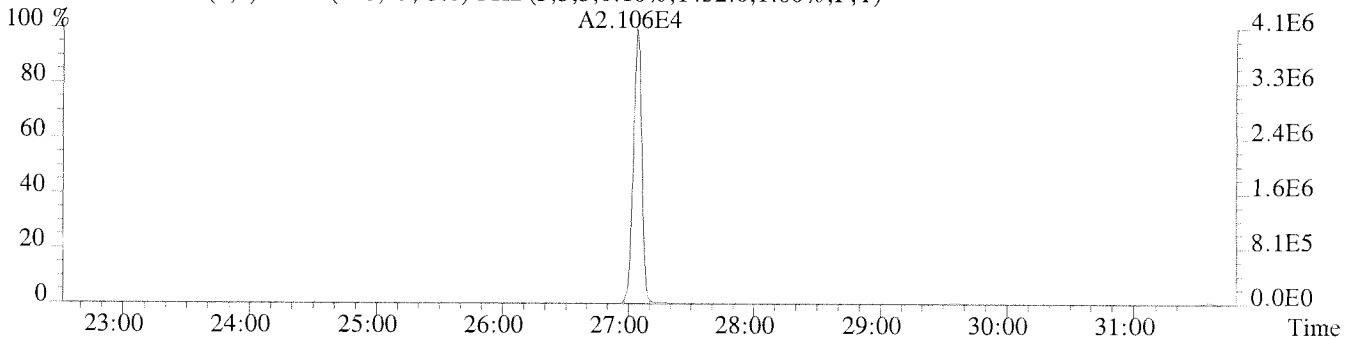
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1708.0,1.00%,F,T)



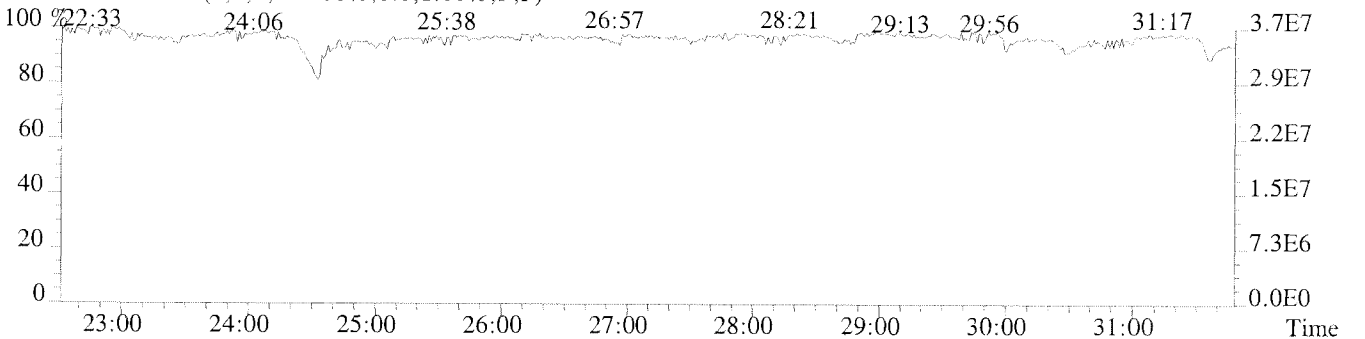
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1520.0,1.00%,F,T)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1452.0,1.00%,F,T)



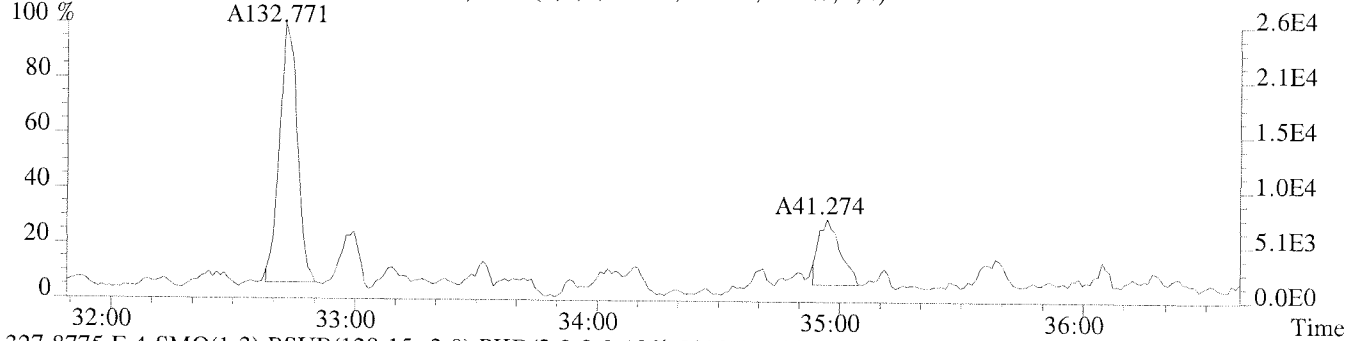
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



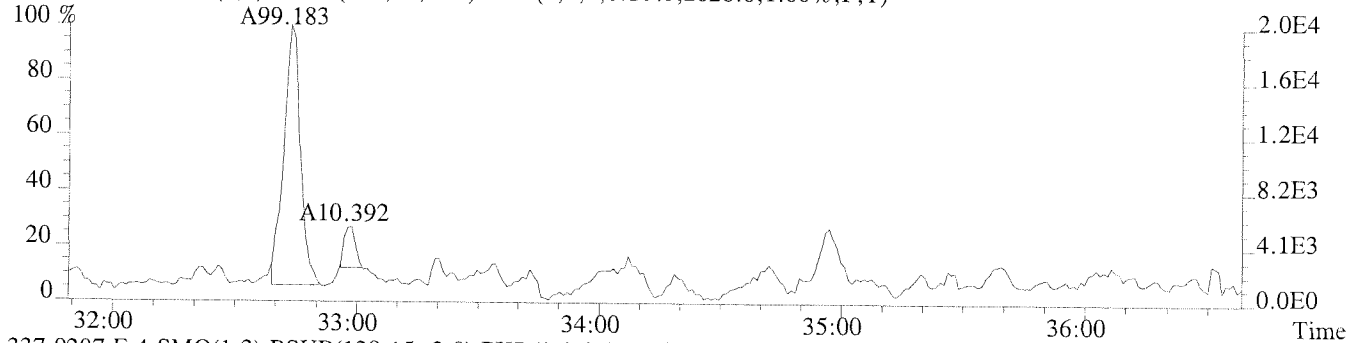
File:U224758 #1-309 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

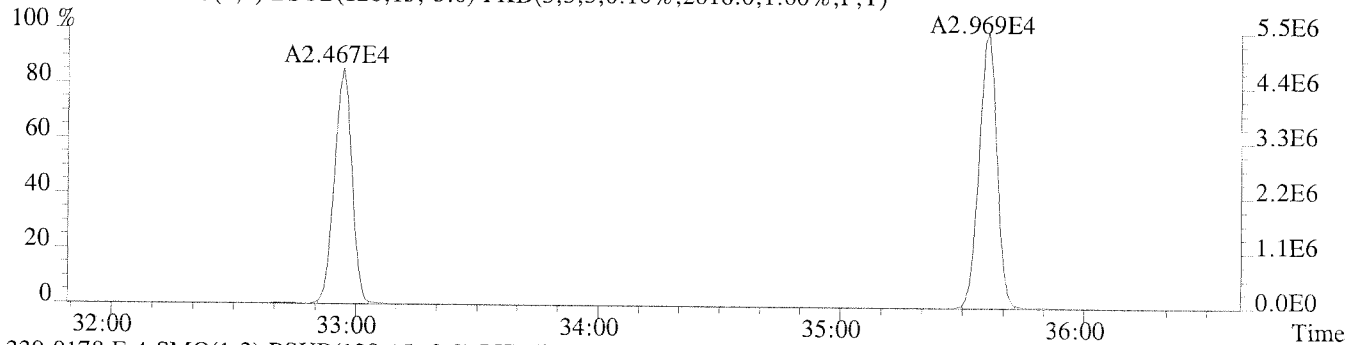
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2104.0,1.00%,F,T)



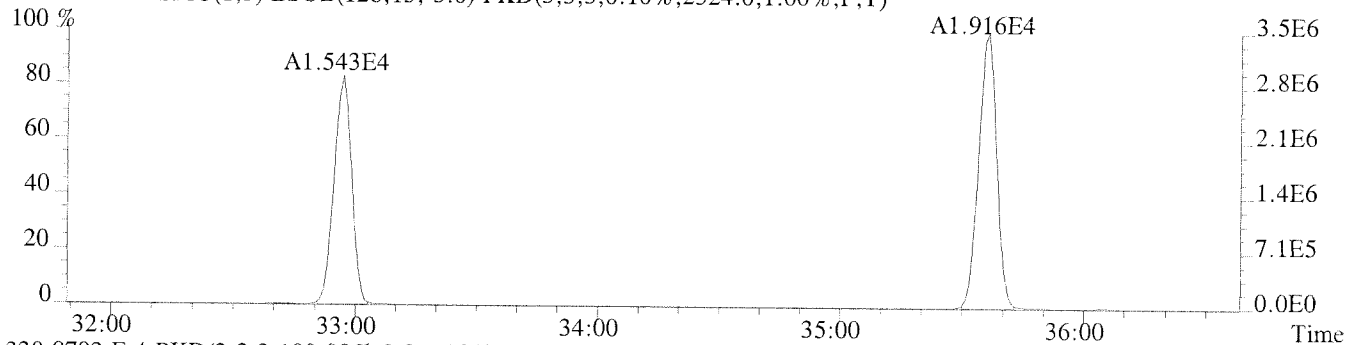
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2028.0,1.00%,F,T)



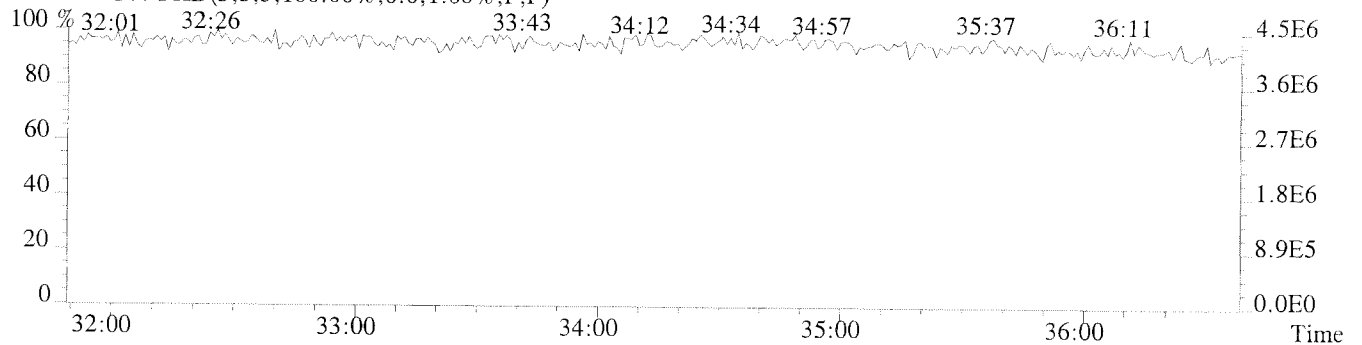
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2016.0,1.00%,F,T)



339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2324.0,1.00%,F,T)



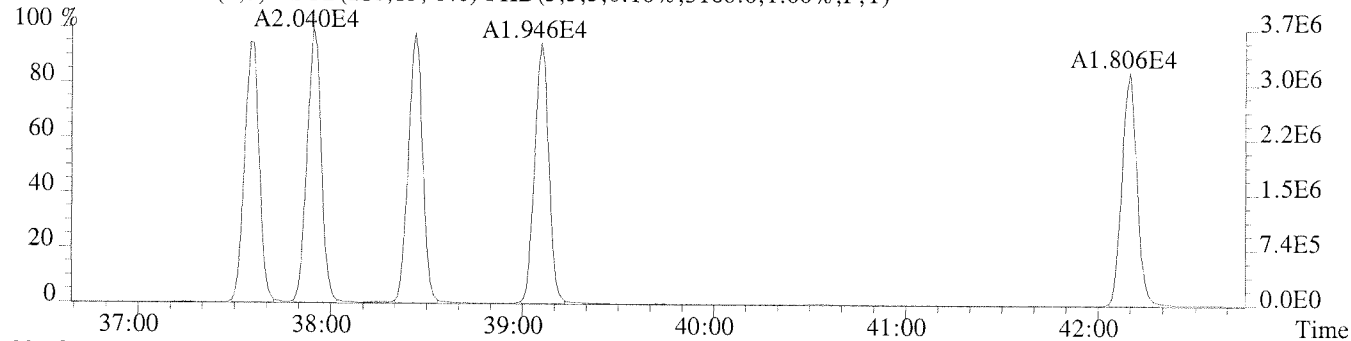
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



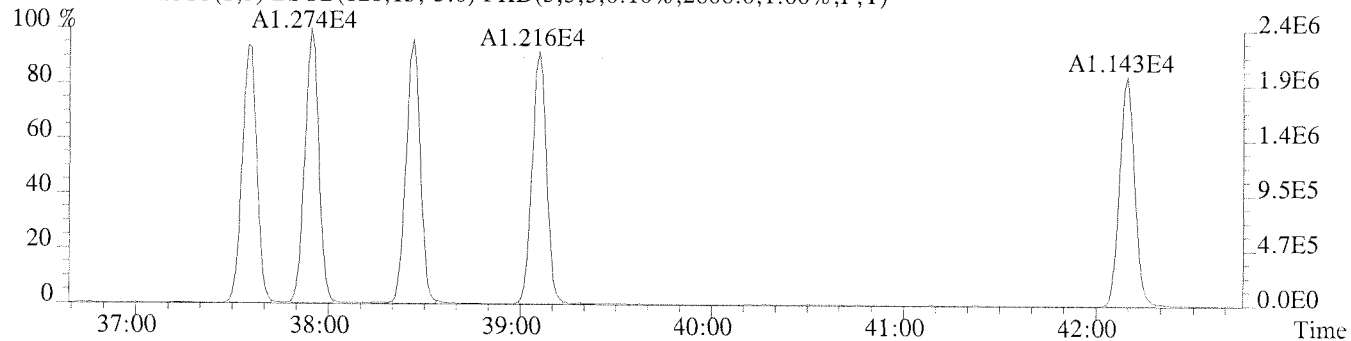
File:U224758 #1-391 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

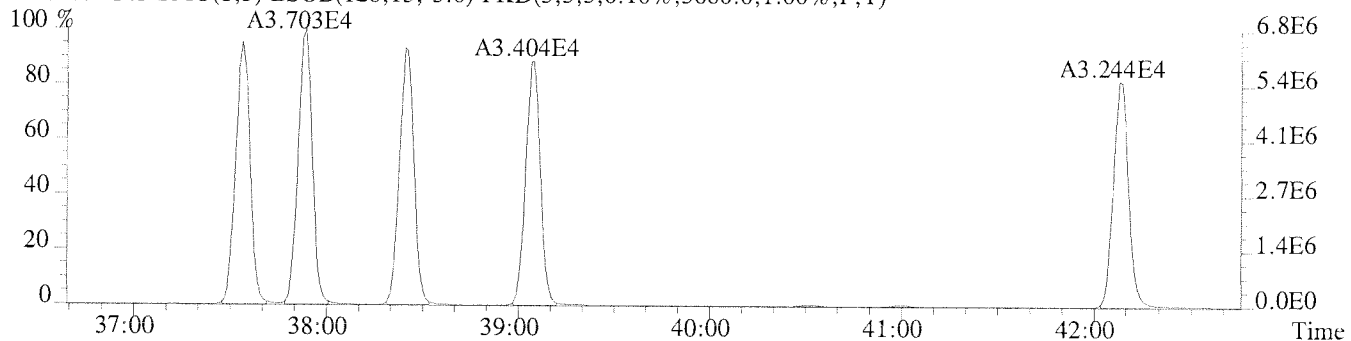
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3168.0,1.00%,F,T)



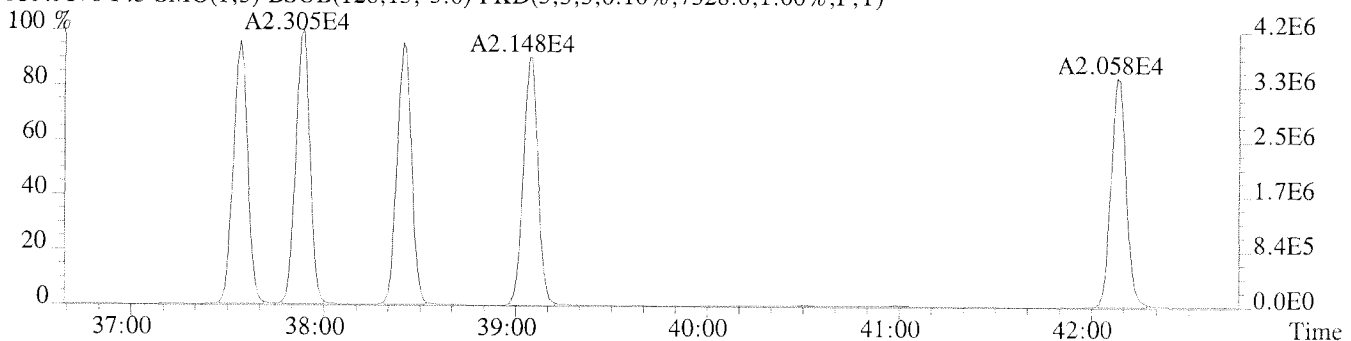
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2808.0,1.00%,F,T)



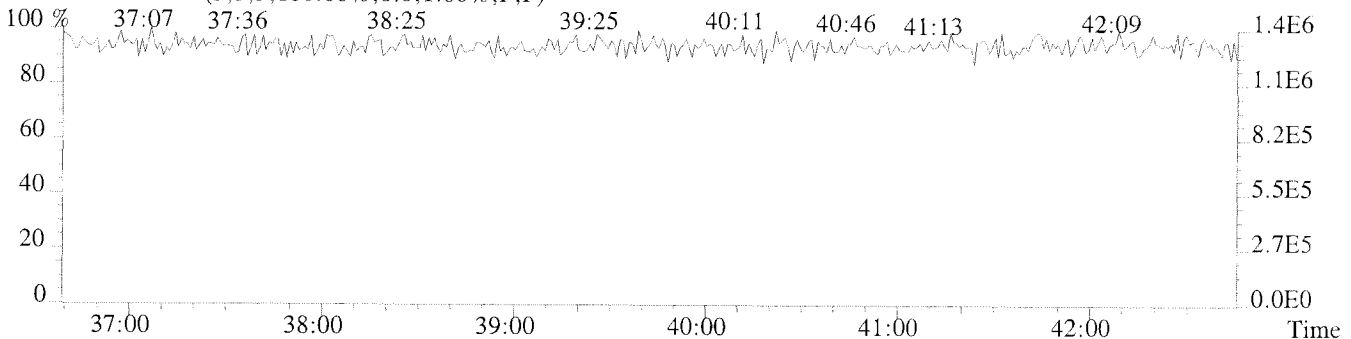
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3680.0,1.00%,F,T)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7328.0,1.00%,F,T)



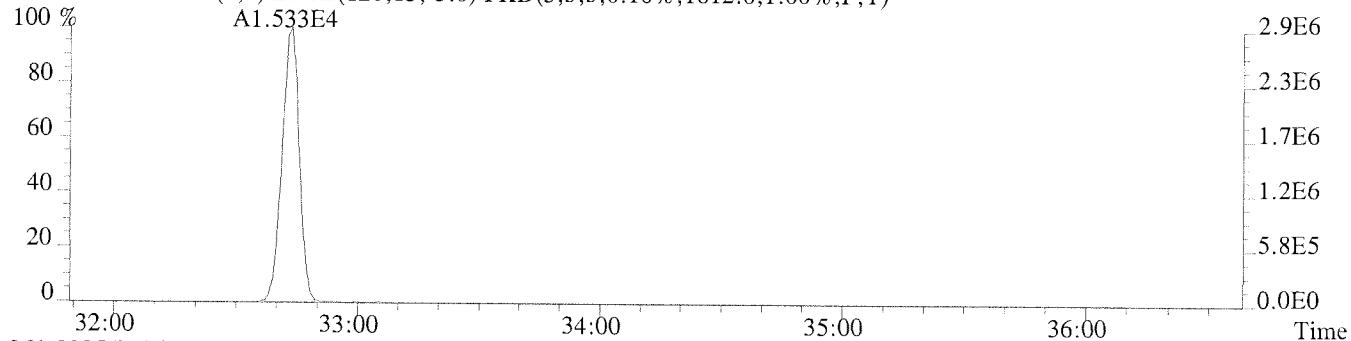
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



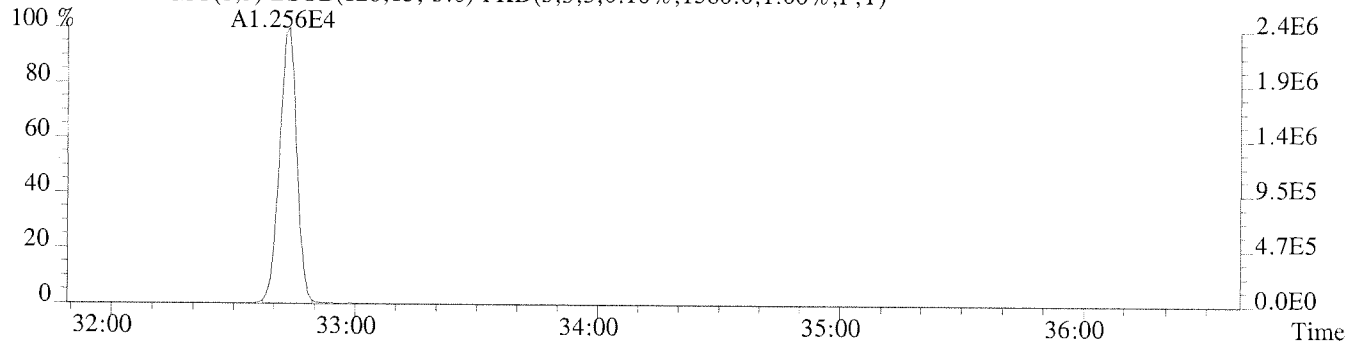
File:U224758 #1-309 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

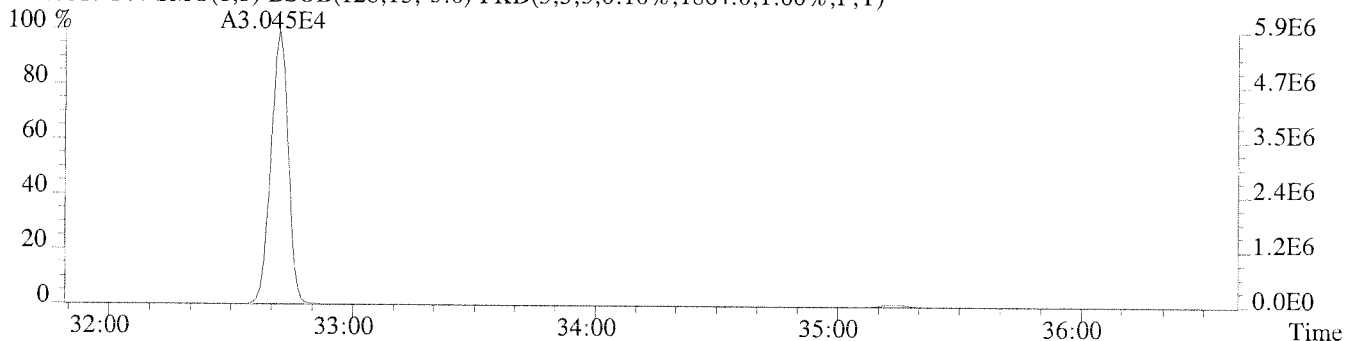
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1612.0,1.00%,F,T)



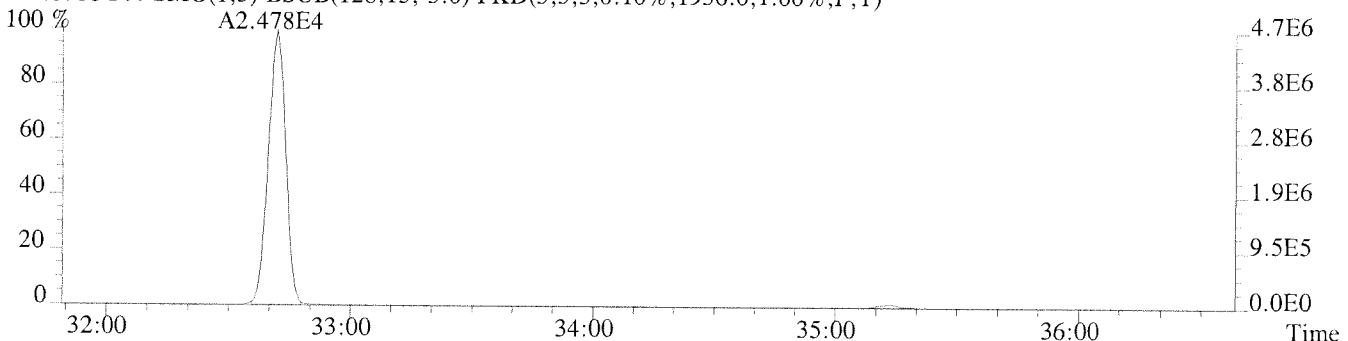
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1580.0,1.00%,F,T)



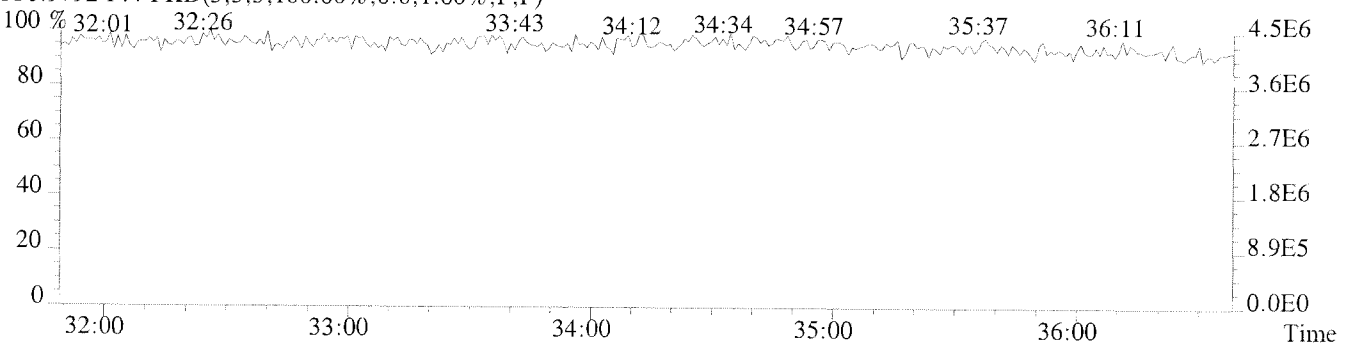
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1864.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1936.0,1.00%,F,T)



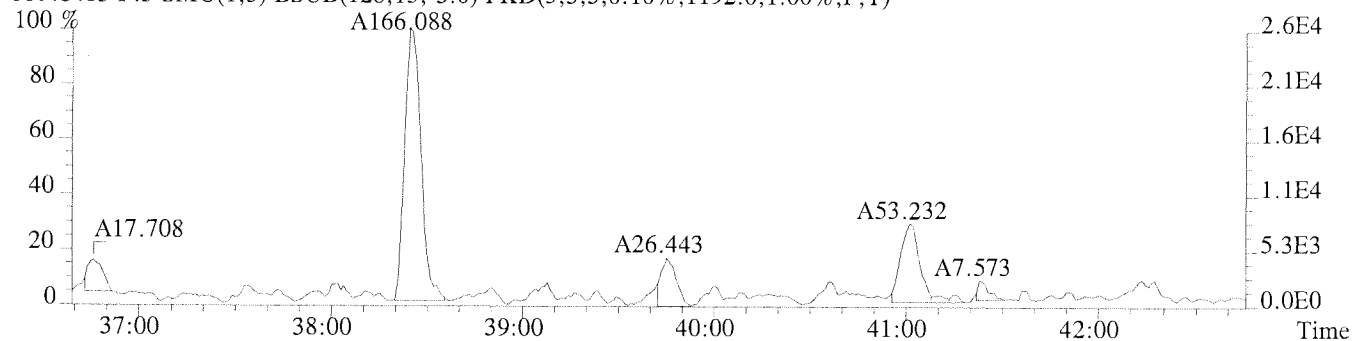
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



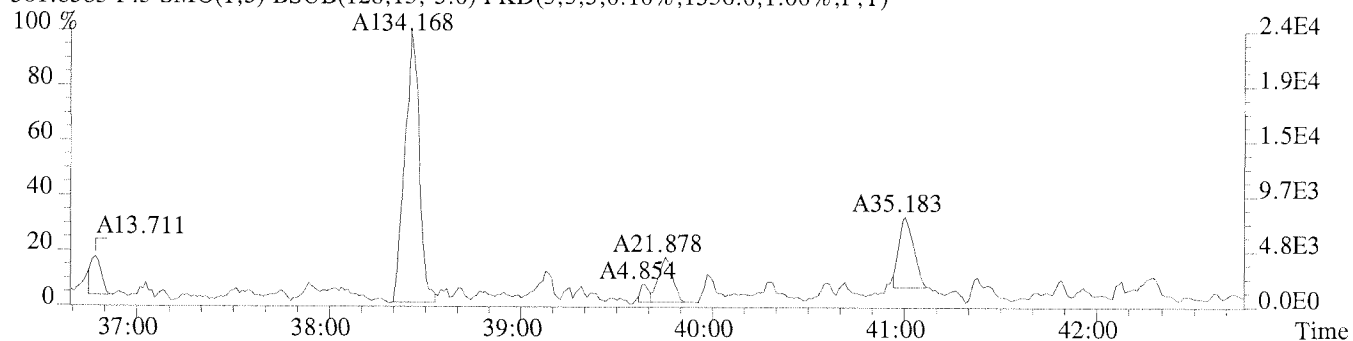
File:U224758 #1-391 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

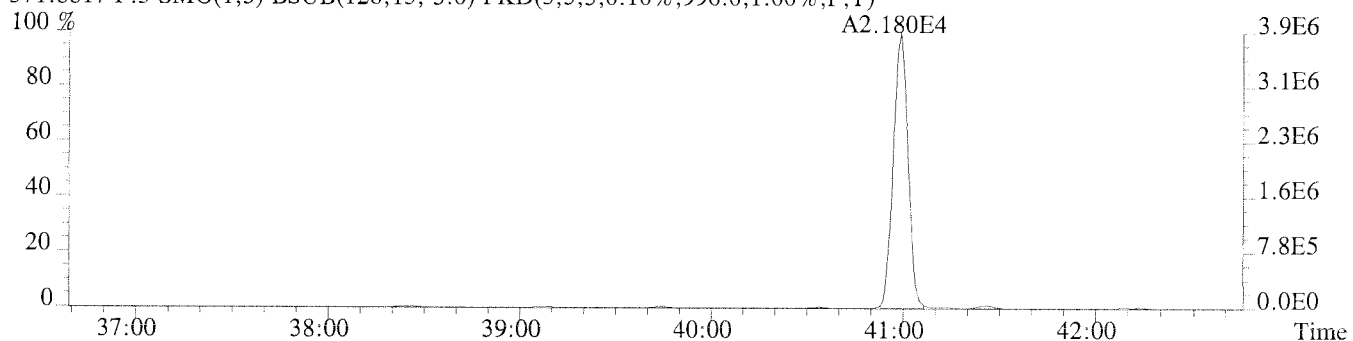
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1192.0,1.00%,F,T)



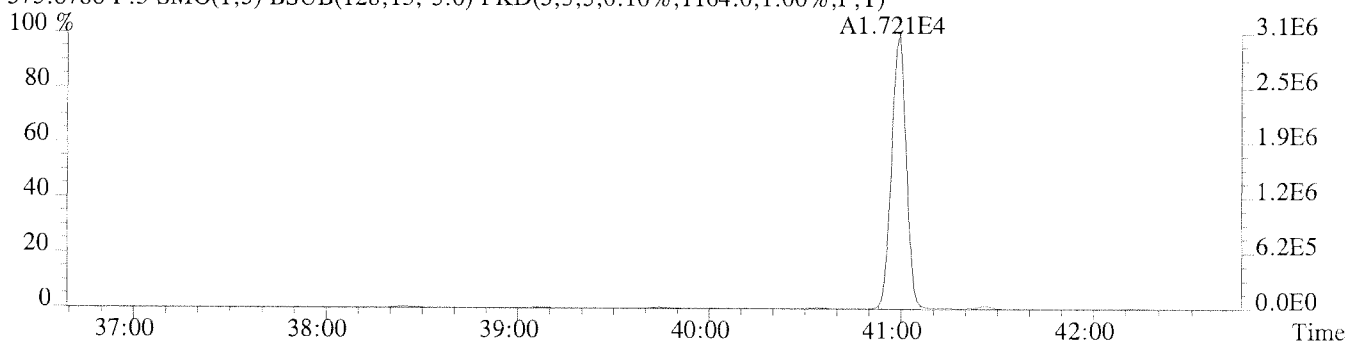
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1356.0,1.00%,F,T)



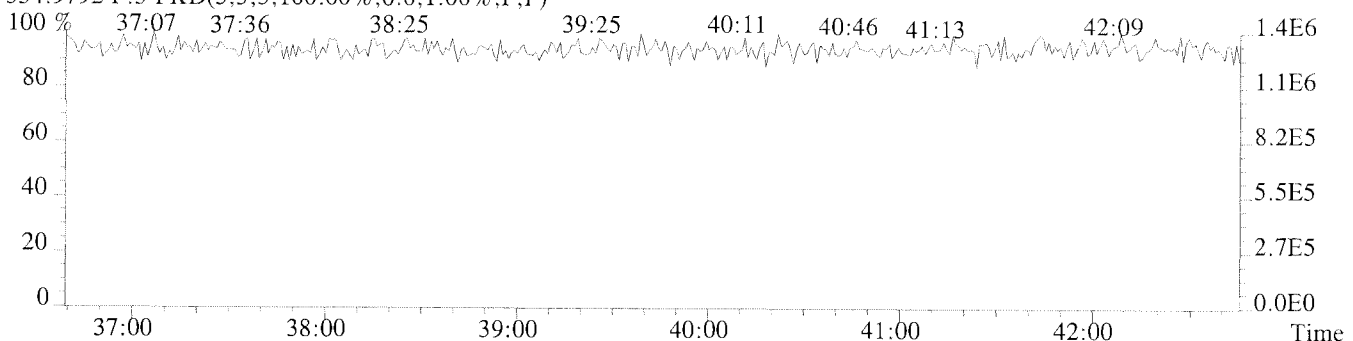
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,996.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1164.0,1.00%,F,T)



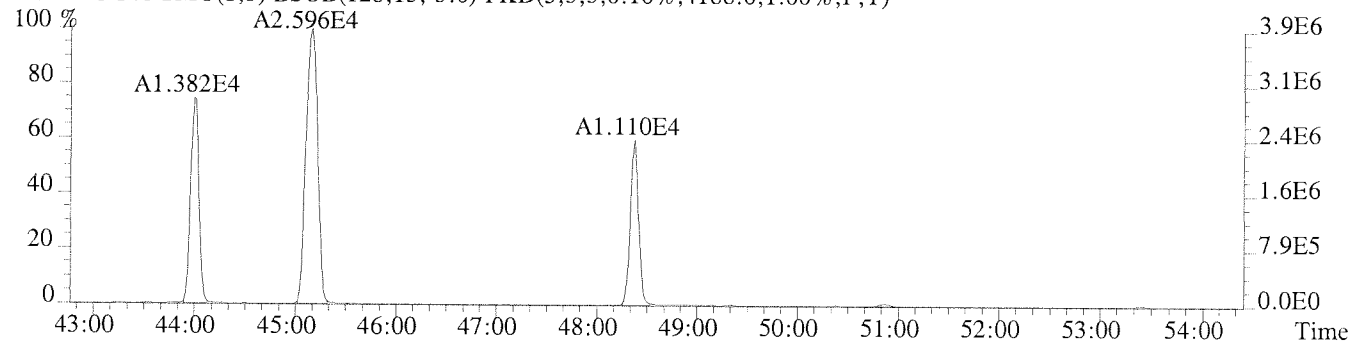
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



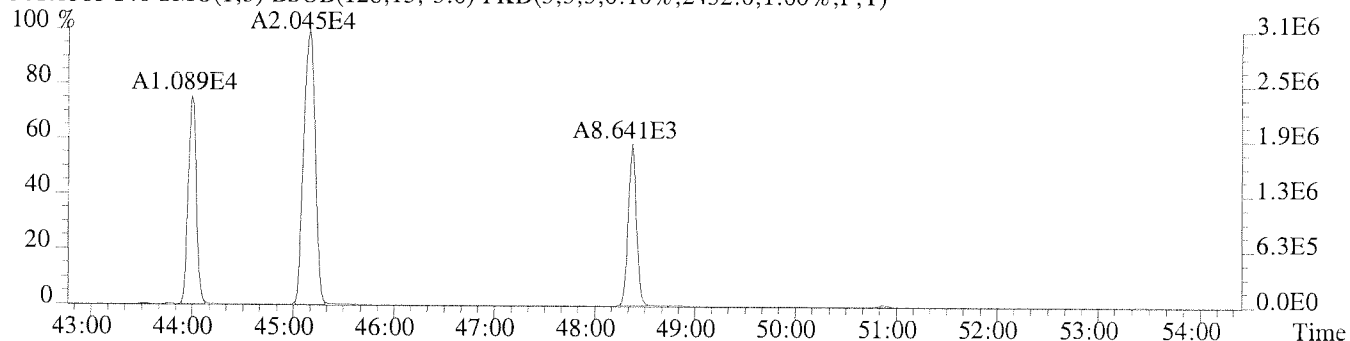
File:U224758 #1-577 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

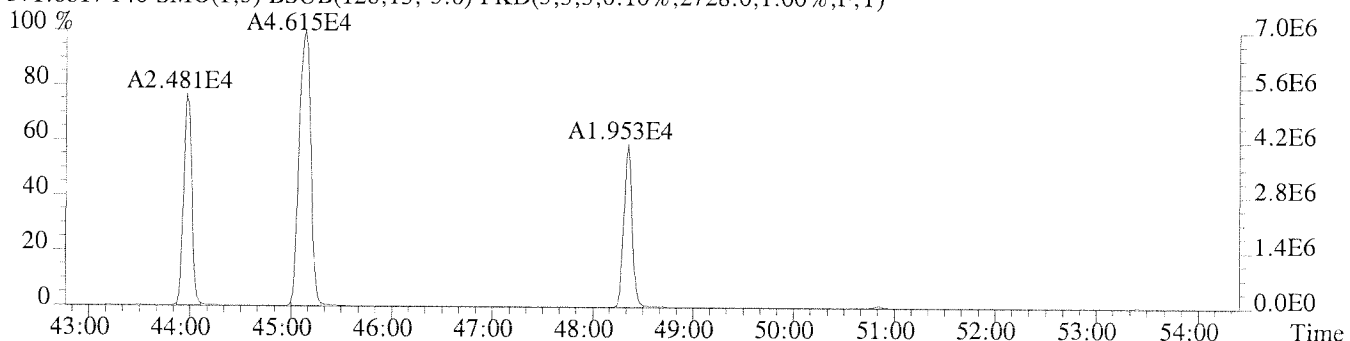
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4188.0,1.00%,F,T)



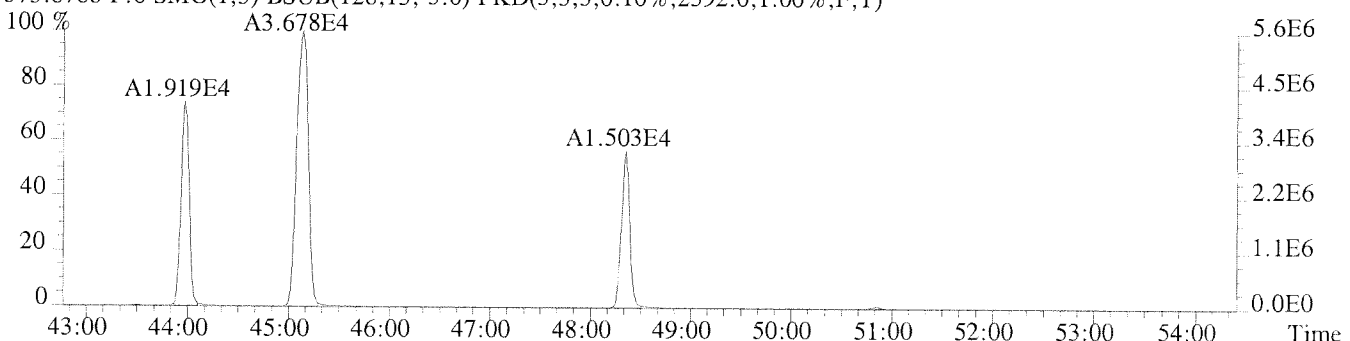
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2432.0,1.00%,F,T)



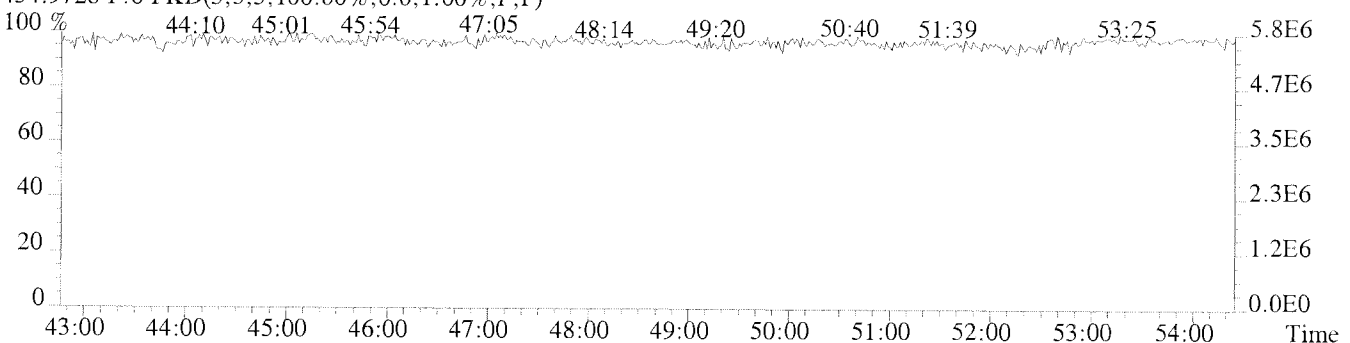
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2728.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2592.0,1.00%,F,T)



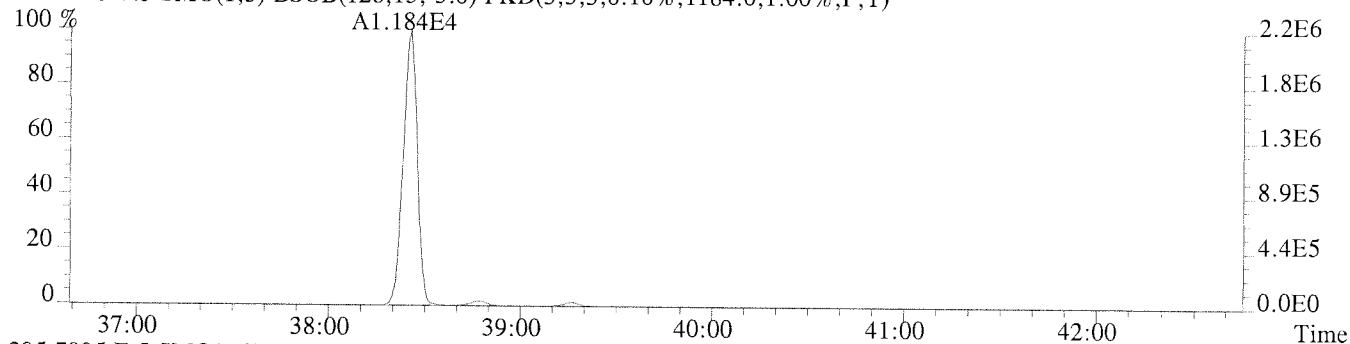
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



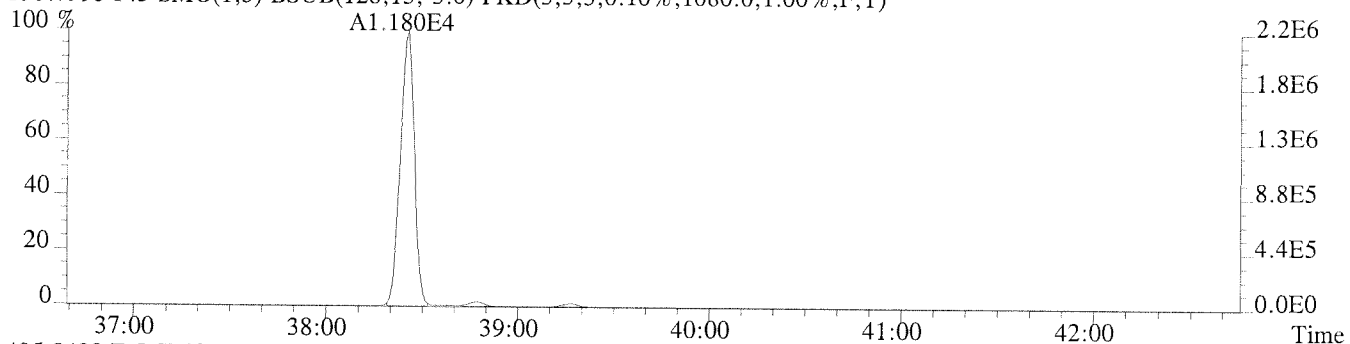
File:U224758 #1-391 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

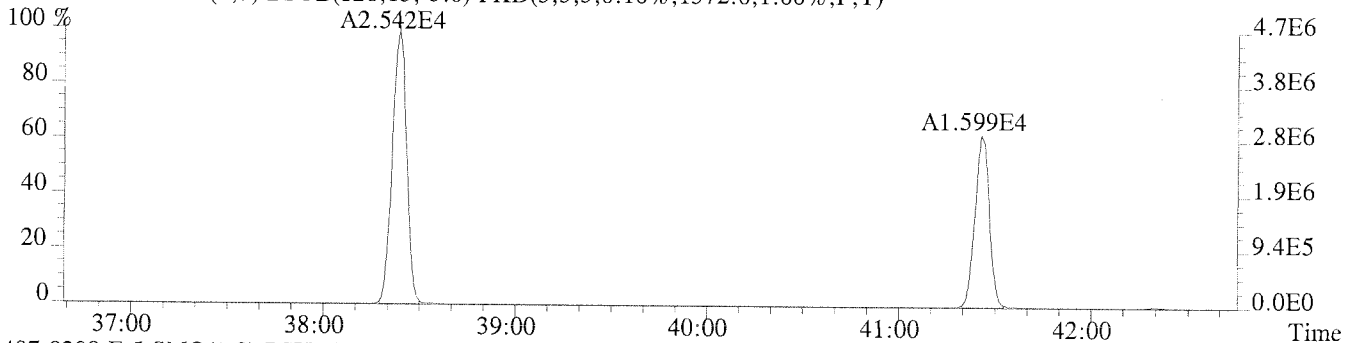
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)



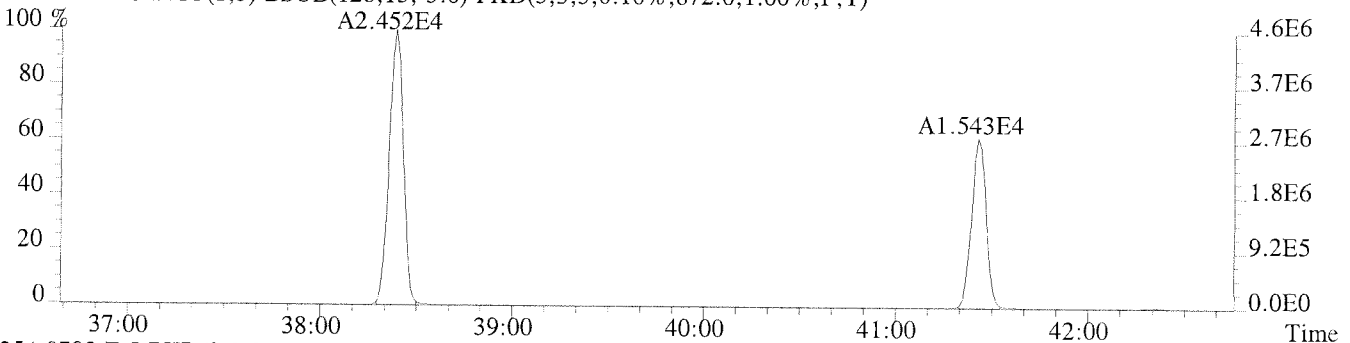
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1080.0,1.00%,F,T)



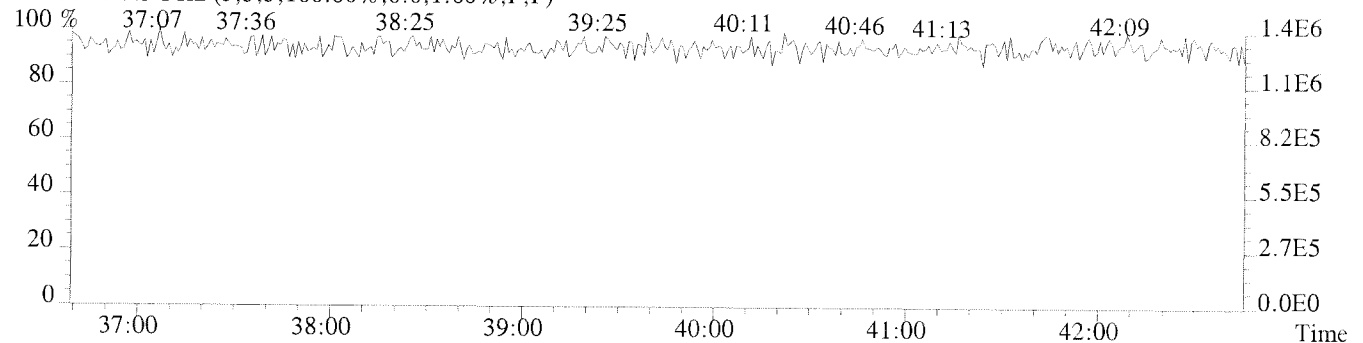
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1372.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,872.0,1.00%,F,T)



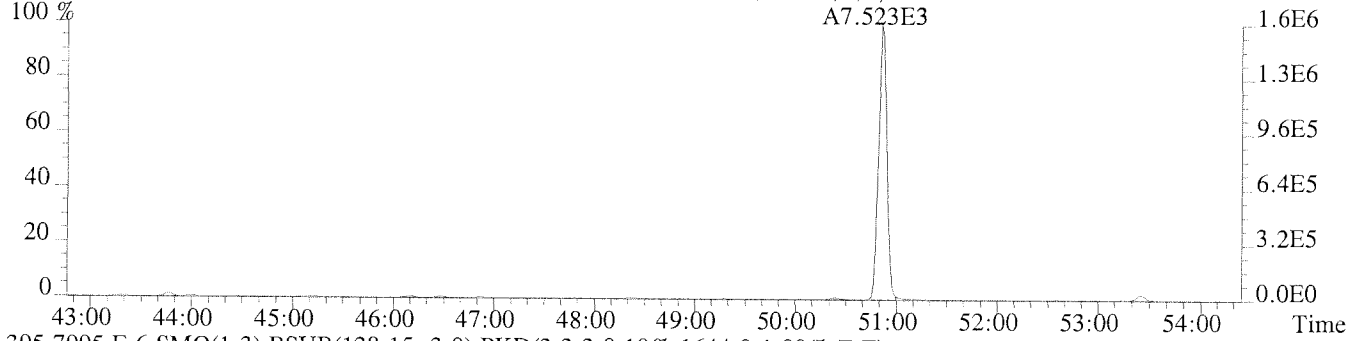
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



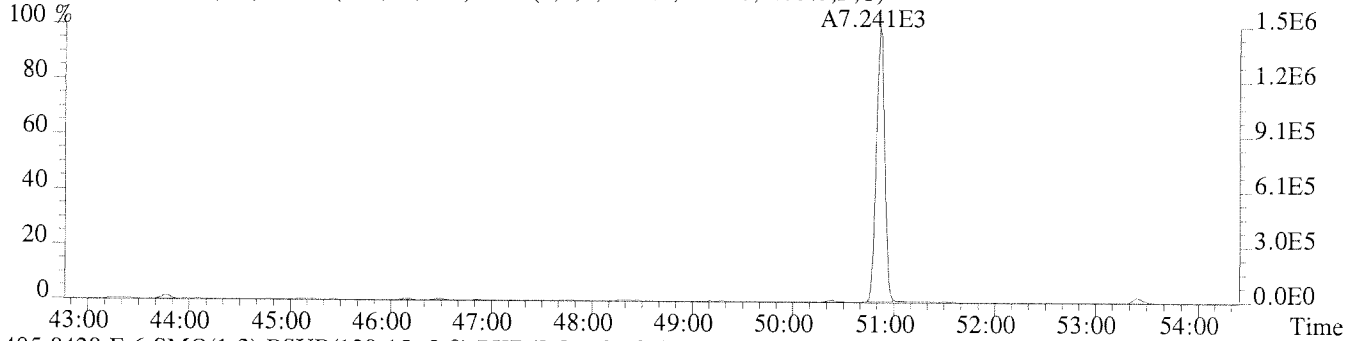
File:U224758 #1-577 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

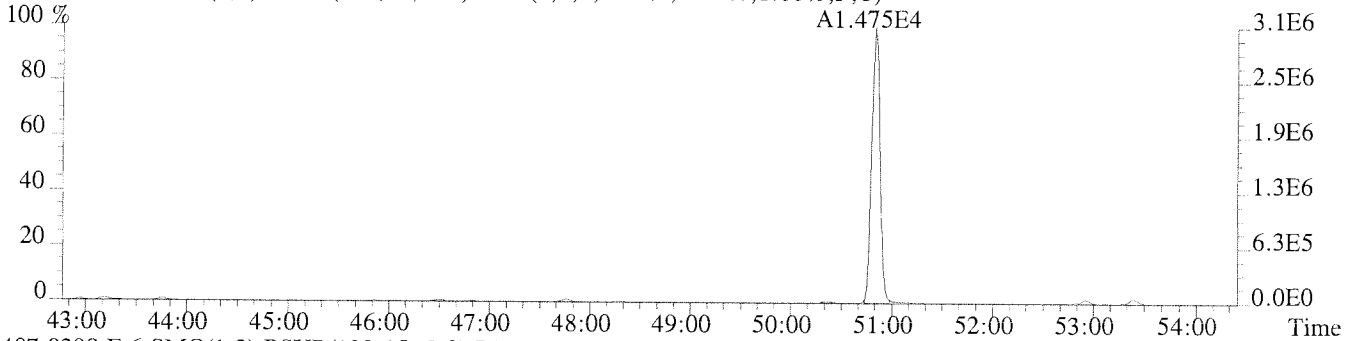
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1248.0,1.00%,F,T)



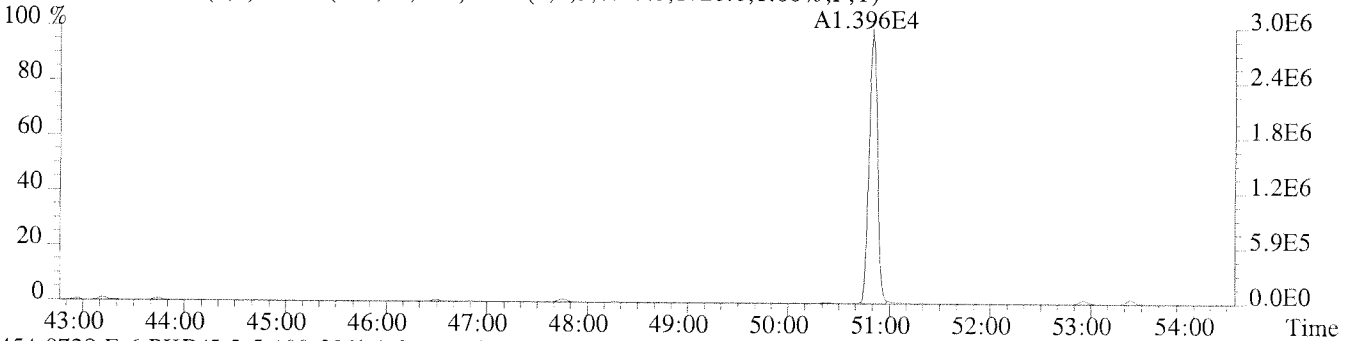
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1644.0,1.00%,F,T)



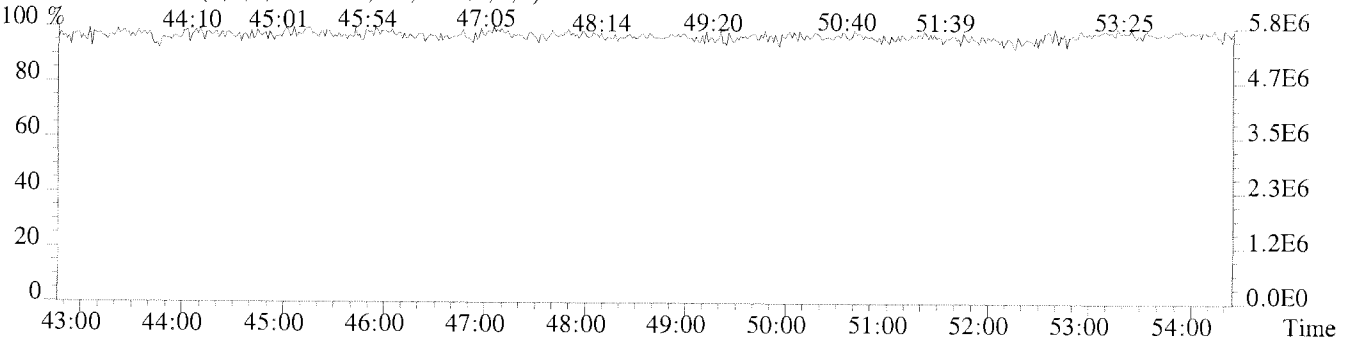
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1724.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1720.0,1.00%,F,T)



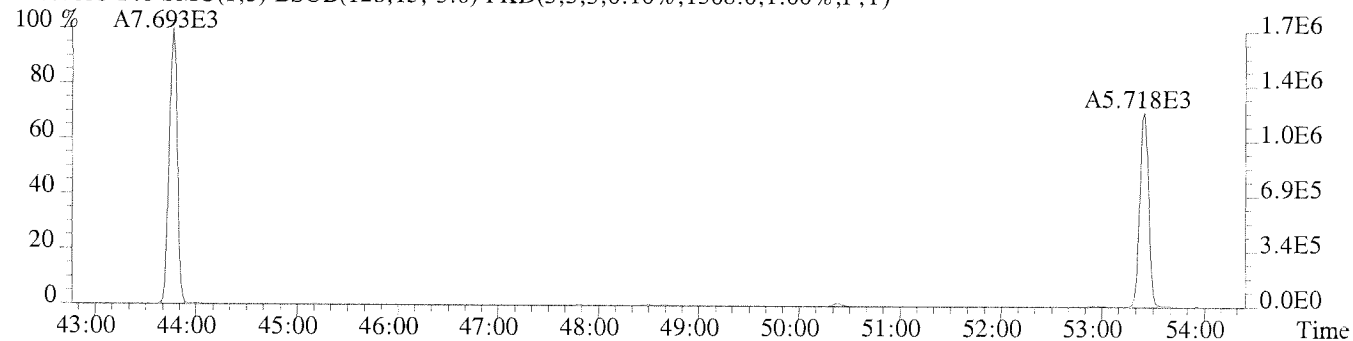
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



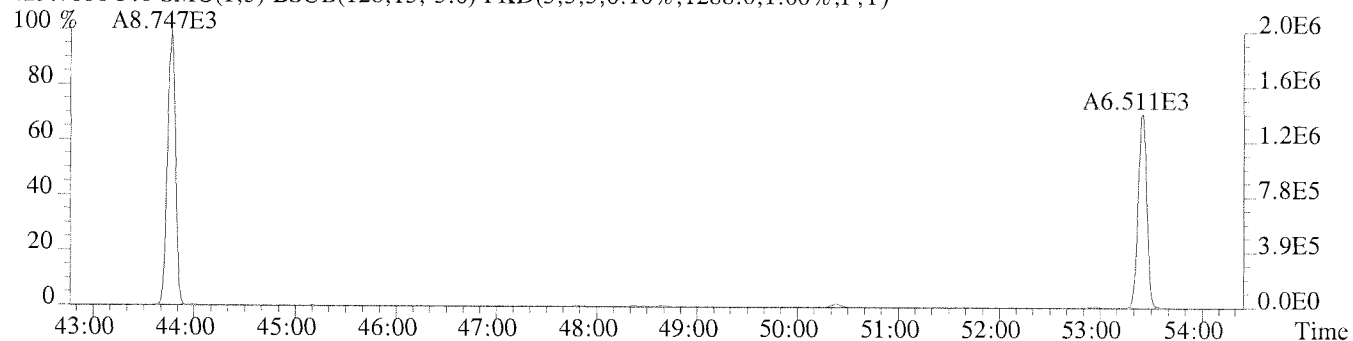
File:U224758 #1-577 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

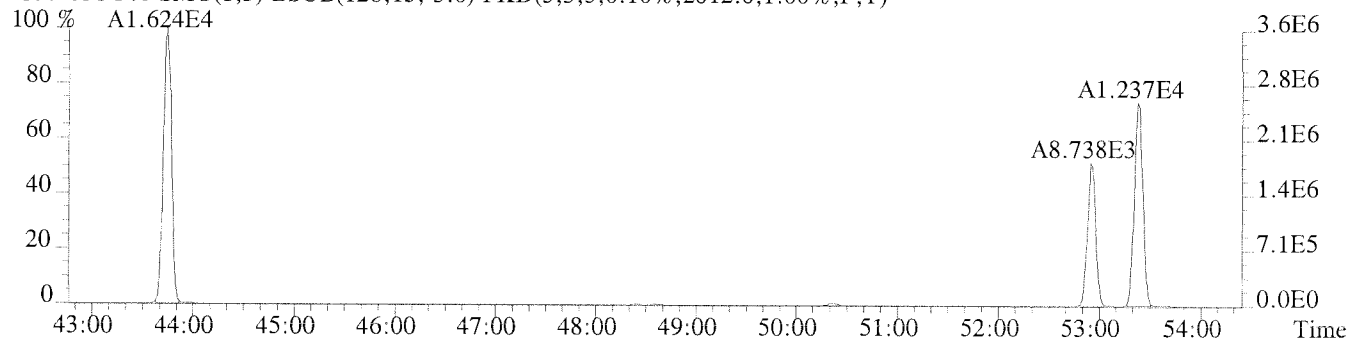
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1308.0,1.00%,F,T)



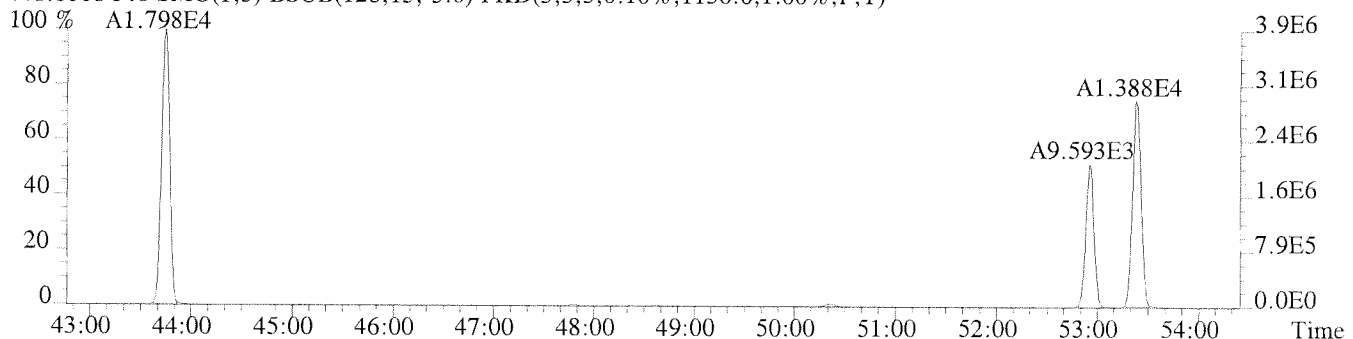
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1288.0,1.00%,F,T)



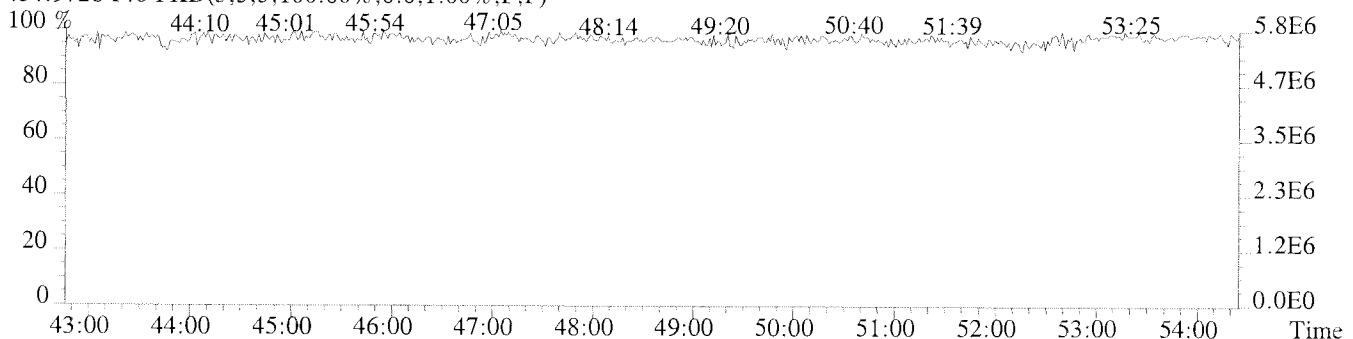
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2012.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1136.0,1.00%,F,T)



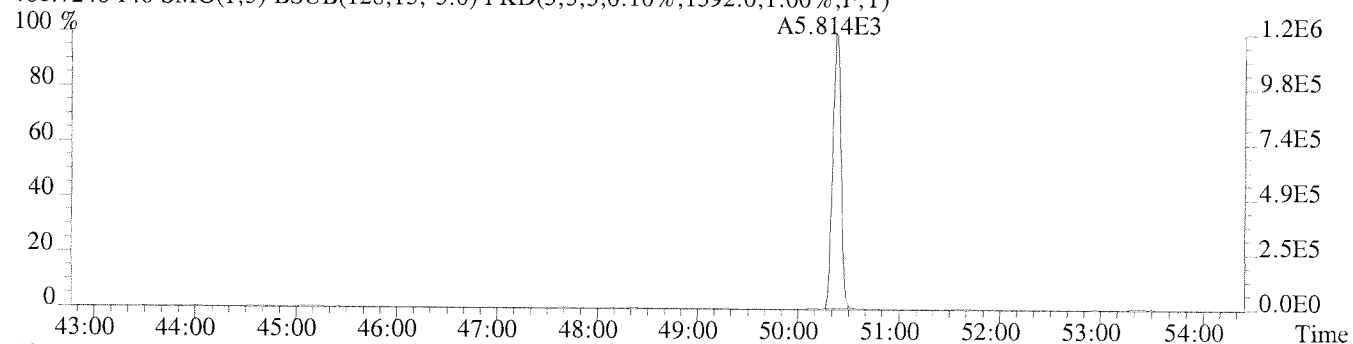
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



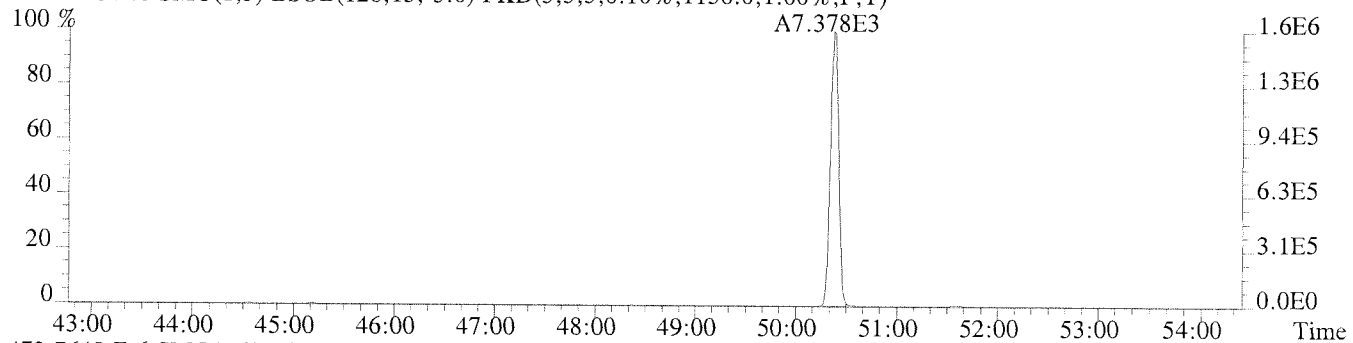
File:U224758 #1-577 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

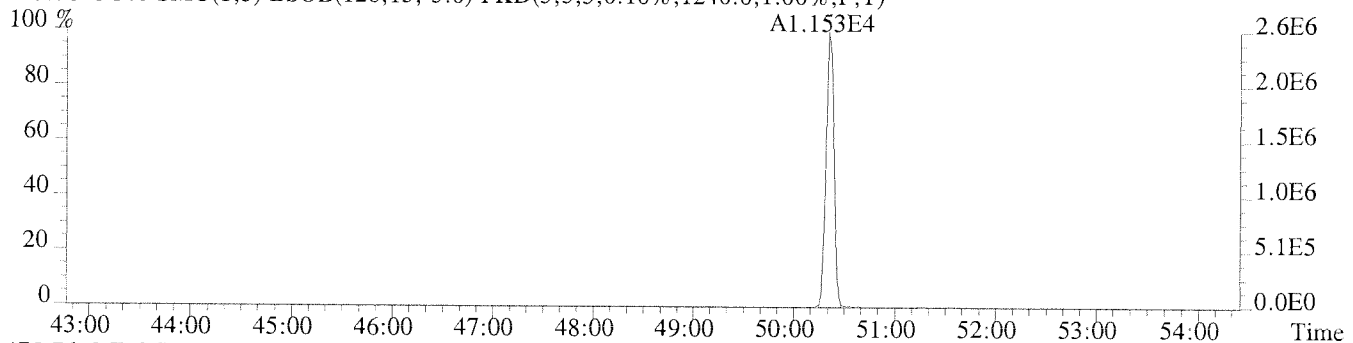
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1392.0,1.00%,F,T)



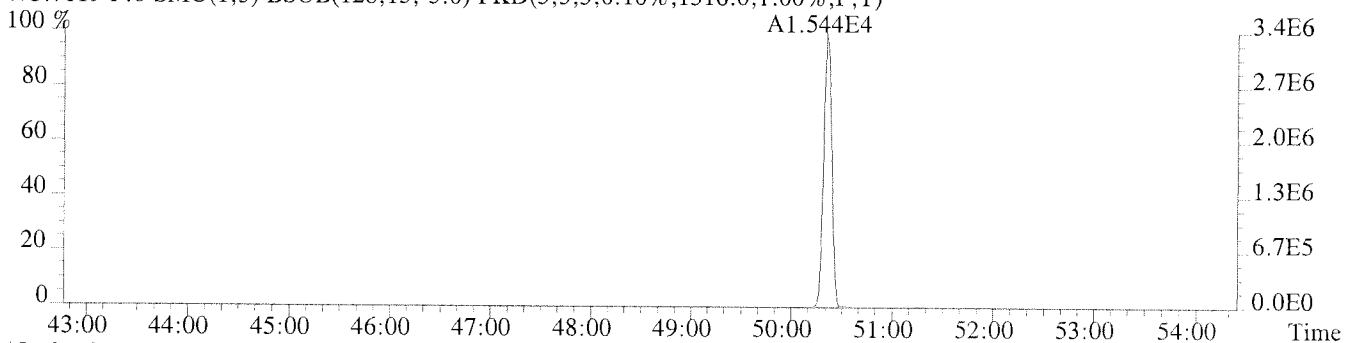
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1156.0,1.00%,F,T)



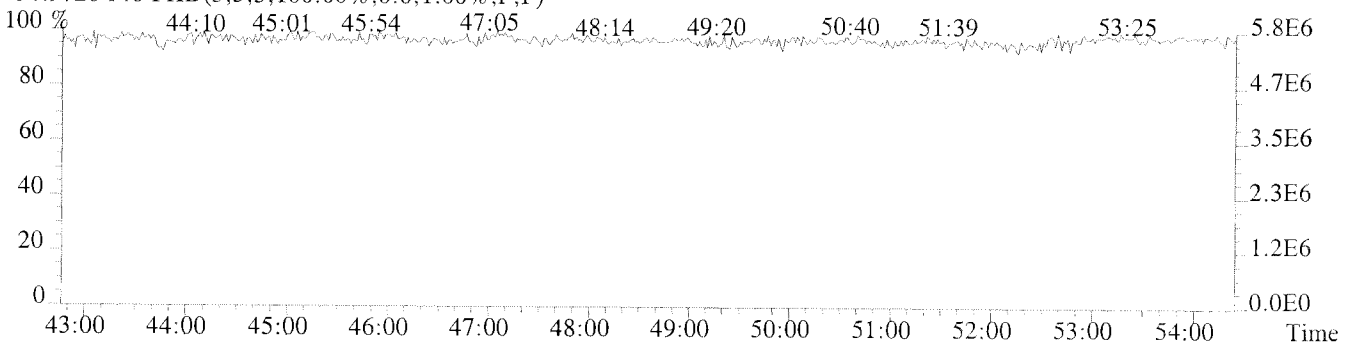
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1240.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1316.0,1.00%,F,T)



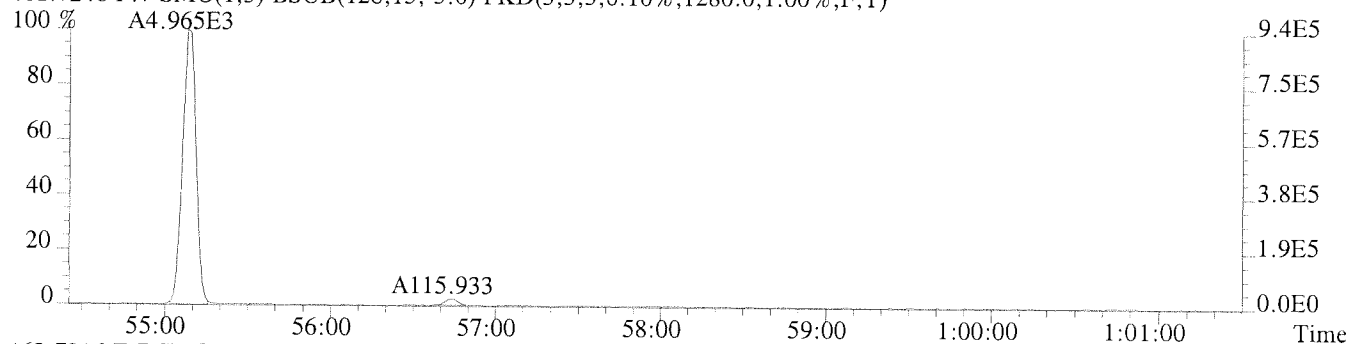
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



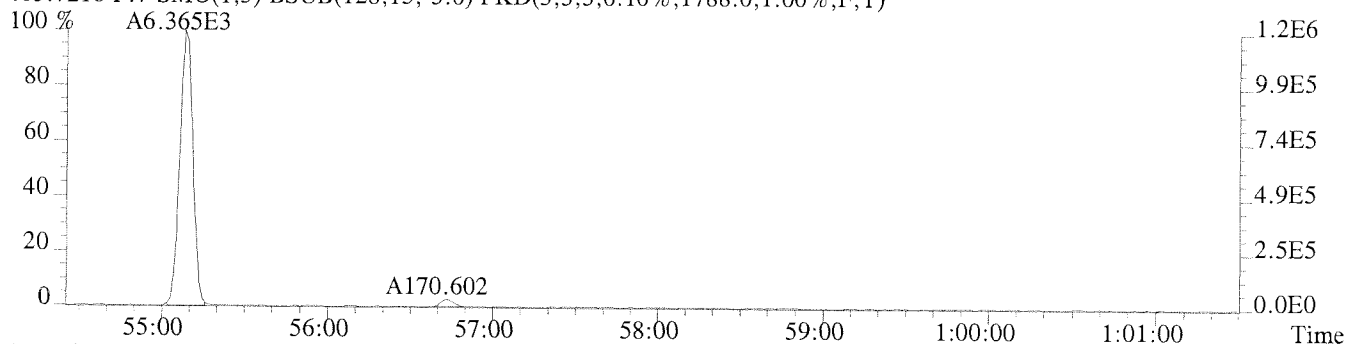
File:U224758 #1-400 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

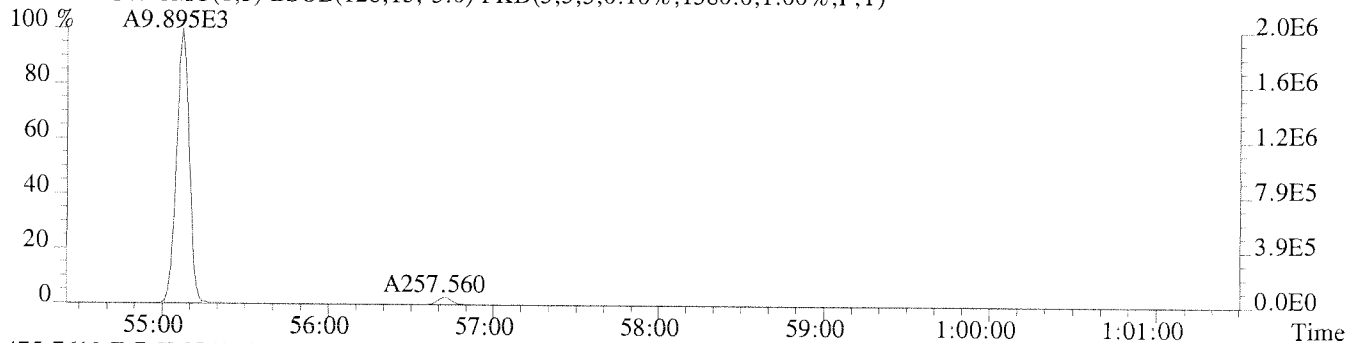
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,T)



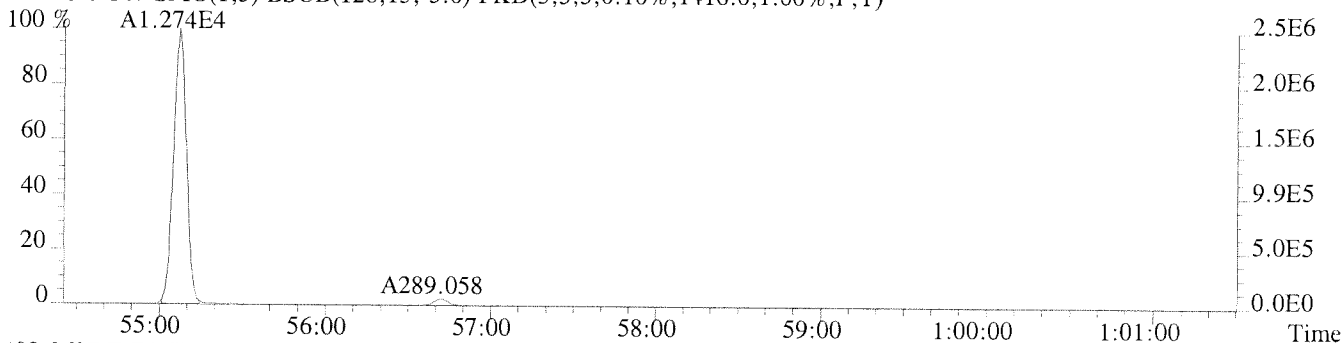
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1788.0,1.00%,F,T)



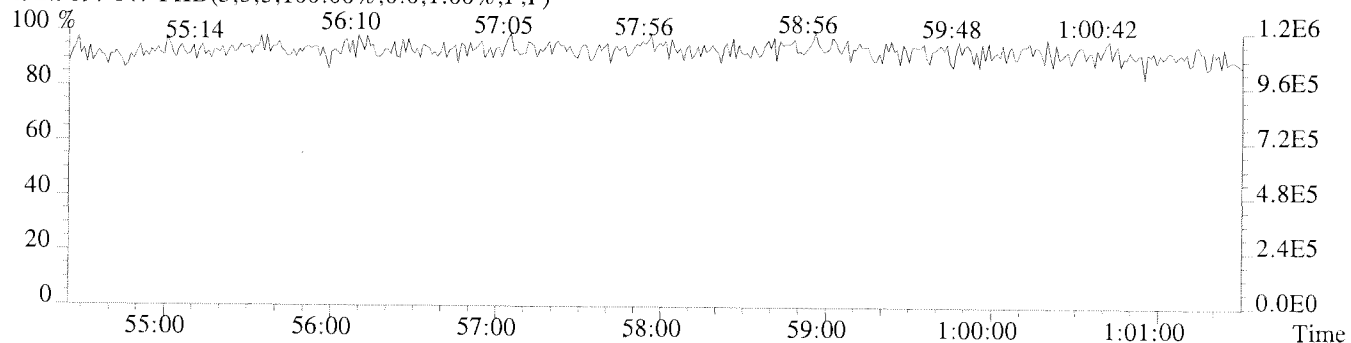
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1380.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1416.0,1.00%,F,T)



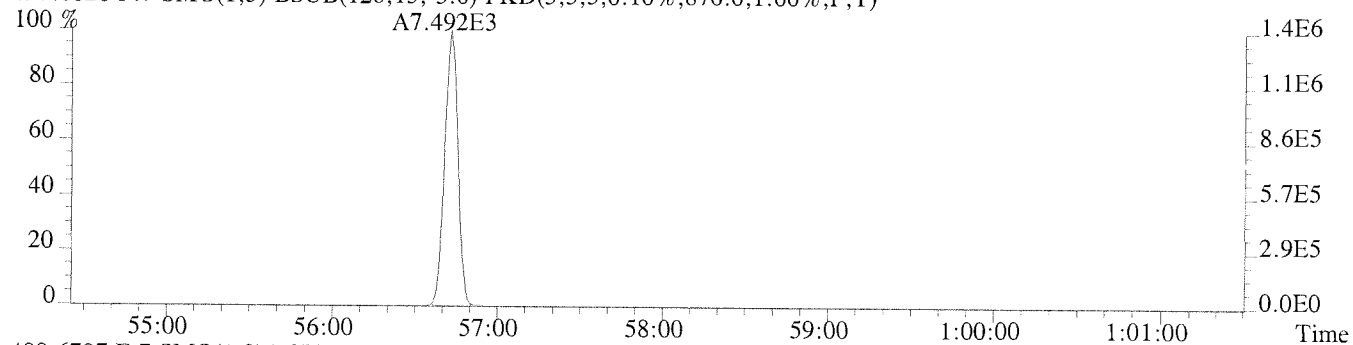
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



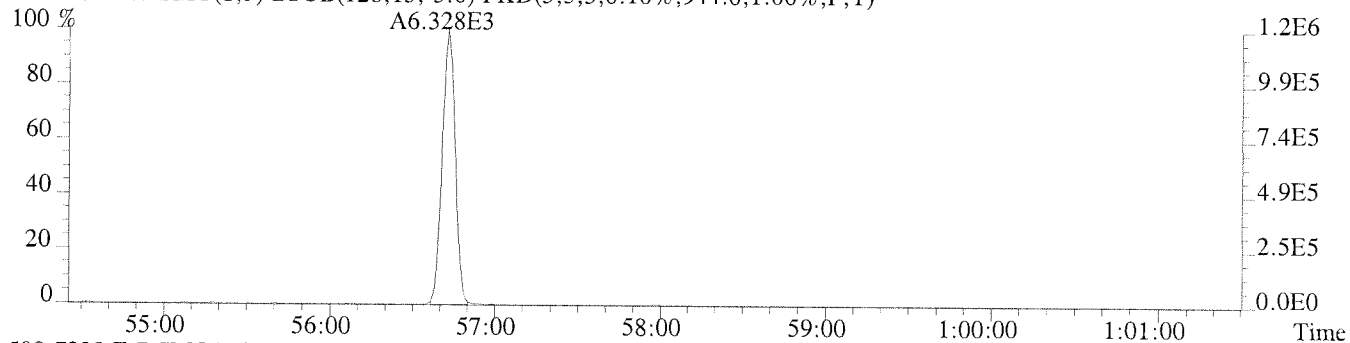
File:U224758 #1-400 Acq:15-JAN-2011 11:28:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

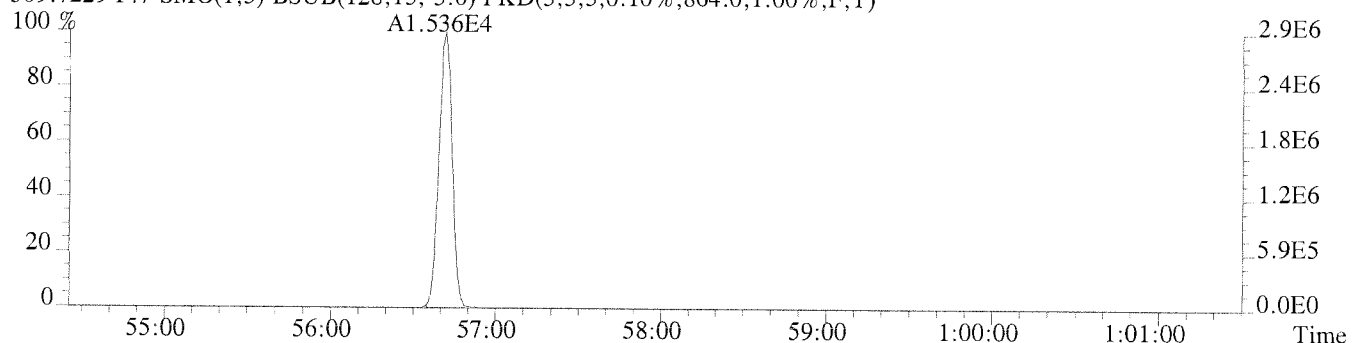
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,876.0,1.00%,F,T)



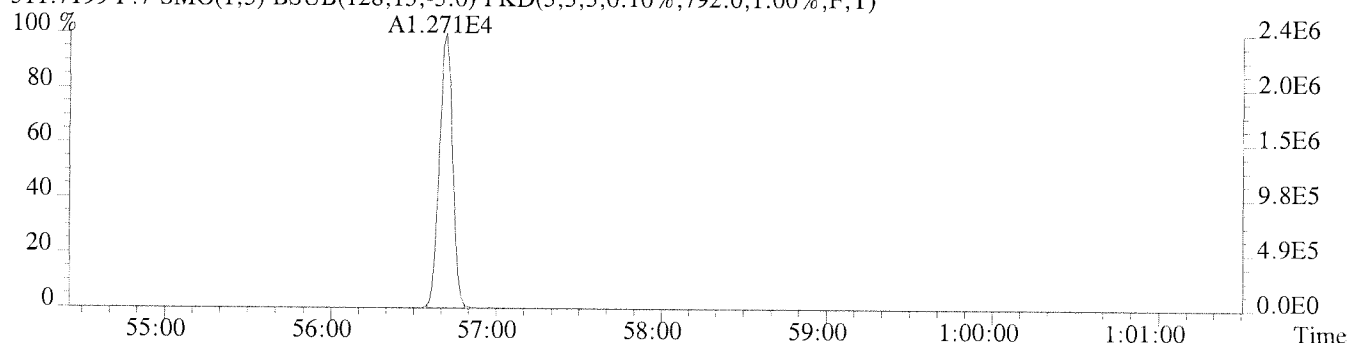
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,944.0,1.00%,F,T)



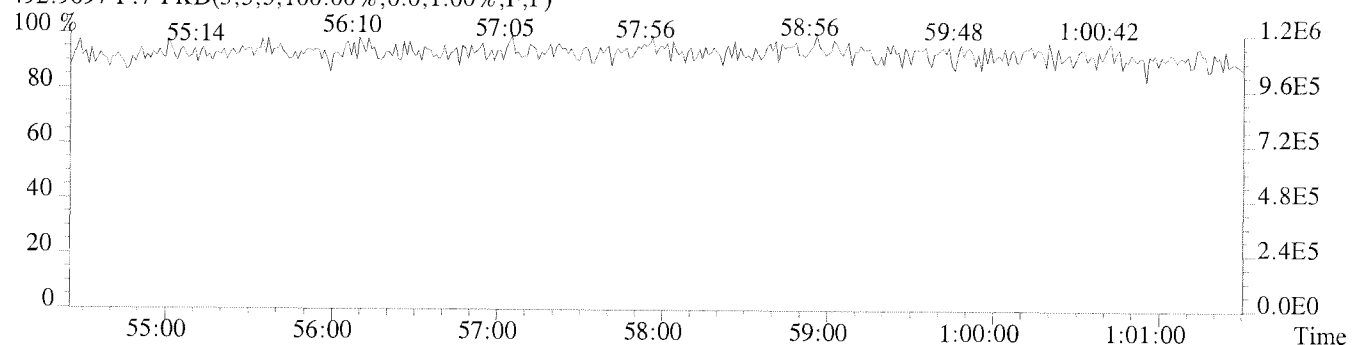
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,864.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,792.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



RW/CS3 Daily Calibration QC Checklist

Calibration File Name: 0224769

Circle one
Beginning Ending

Date: 17 Jan 11

Method: 1668 WHO 1668 Total 1668 (209) 1668 WHO & TOTAL

Date 1/18/11

First Reviewer cee

Date 01/19/11

Second Reviewer [Signature]

5DFC
PCDD/PCDF ANALYTICAL SEQUENCE SUMMARY

Lab Name: Columbia Analytical Services

Contract:

Lab Code: TX01411

Case No.:

SDG No.:

GC Column: SPB-OCTYL

ID: 0.25 (mm)

Instrument ID: AutoSpec-Ultima

Init. Calib. Date: 10/19/09

Init. Calib. Times: 10:47

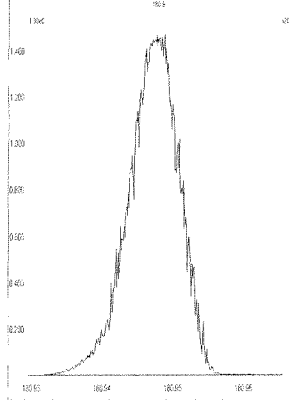
THE ANALYTICAL SEQUENCE OF STANDARDS, SAMPLES, BLANKS, AND LABORATORY CONTROL SAMPLES (LCSs) IS AS FOLLOWS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
CCAL CS3	CCAL CS3	U224769	17-JAN-11	07:13:32
PCB-209 INJ	DCCS-209	U224768	17-JAN-11	06:05:59
PCB-209 INJ	DCCS-209	U224768	17-JAN-11	06:05:59
METHOD BLANK	EQ1100013-01	U224770	17-JAN-11	09:03:10
USEN-RO-03-1	K1013433-016	U224771	17-JAN-11	10:06:23
USEN-E/W-06-2	K1013433-017	U224772	17-JAN-11	11:14:36
USEN-E/W-08-1	K1013433-010DL	U224773	17-JAN-11	12:35:11
USEN-E/W-09-1	K1013433-011DL	U224774	17-JAN-11	13:38:32
USEN-E/W-06-1	K1013433-008DL	U224775	17-JAN-11	14:58:31
USEN-E/W-06-2	K1013433-017DL	U224776	17-JAN-11	16:00:57
SJFCA1-CR1	K1012545-006	U224777	17-JAN-11	17:24:52

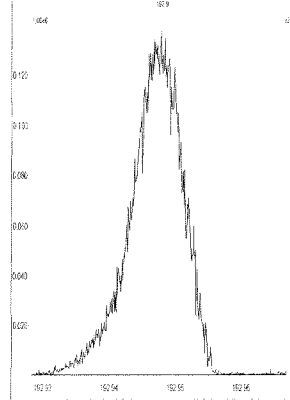
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Monday, January 17, 2011 06:02:04 Central Standard Time

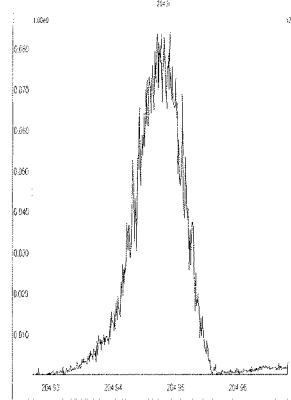
M 180.9888 R 10821



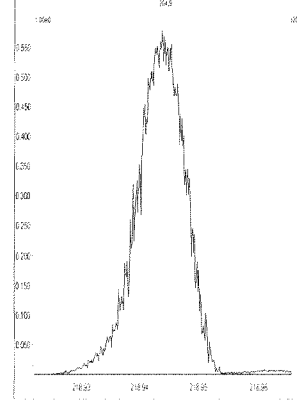
M 192.9888 R 10245



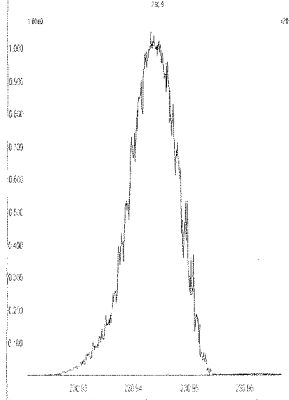
M 204.9888 R 11360



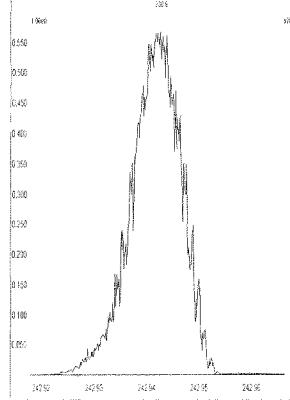
M 218.9856 R 11681



M 230.9856 R 11061



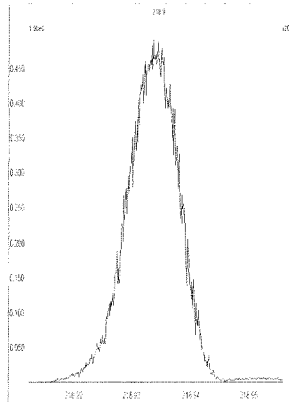
M 242.9856 R 10965



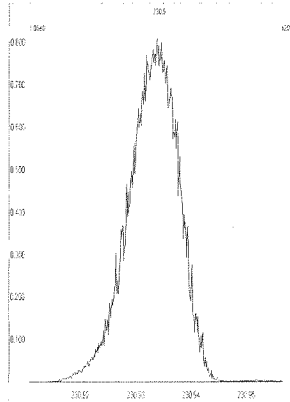
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Monday, January 17, 2011 06:02:33 Central Standard Time

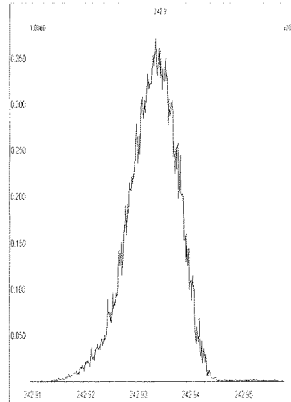
M 218.9856 R 10502



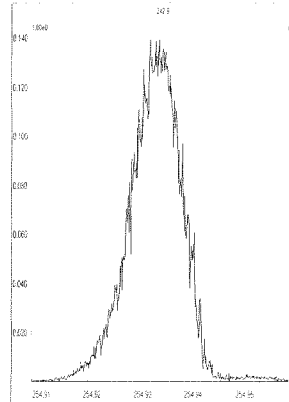
M 230.9856 R 11160



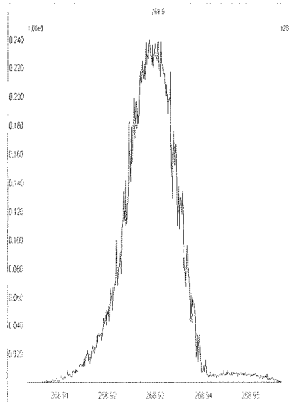
M 242.9856 R 11013



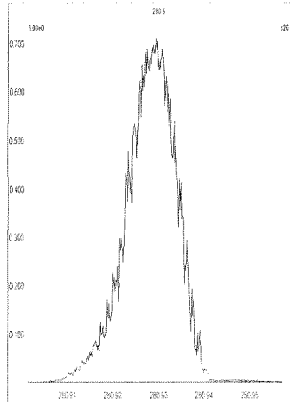
M 254.9856 R 11313



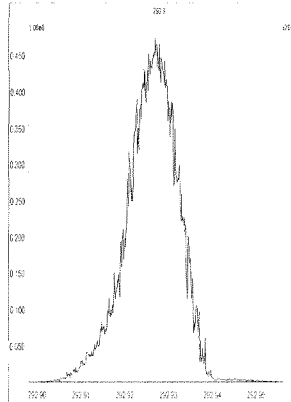
M 268.9824 R 10919



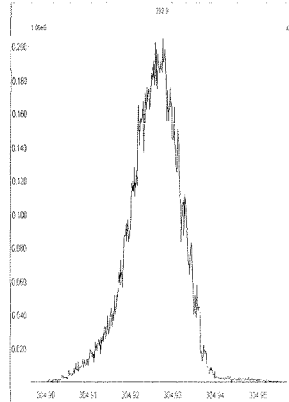
M 280.9824 R 10548



M 292.9824 R 10202



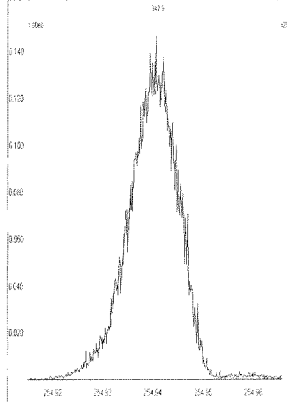
M 304.9824 R 10506



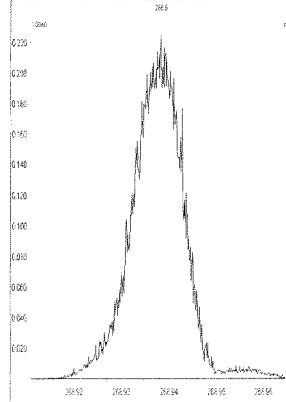
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Monday, January 17, 2011 06:02:58 Central Standard Time

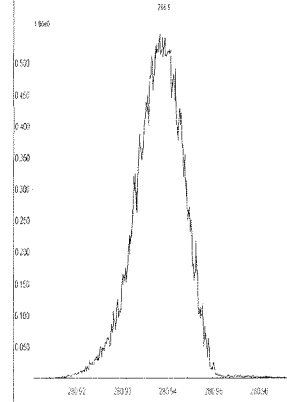
M 254.9856 R 11060



M 268.9824 R 10680



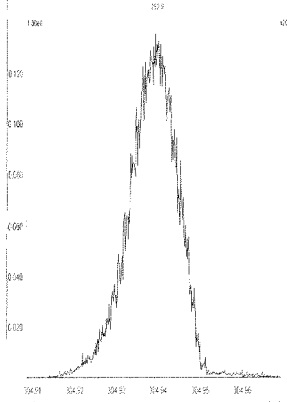
M 280.9824 R 11111



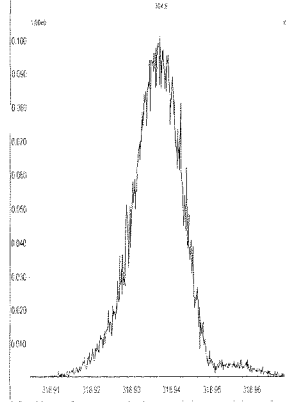
M 292.9824 R 11060



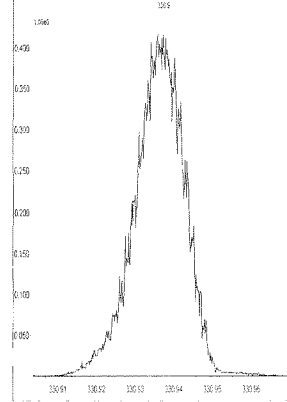
M 304.9824 R 11795



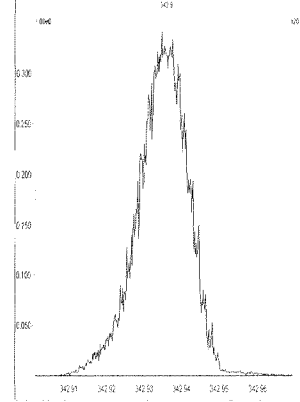
M 318.9792 R 10965



M 330.9792 R 10774



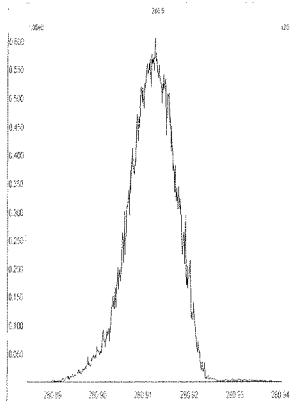
M 342.9792 R 11015



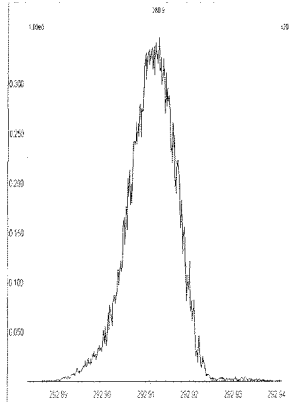
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Monday, January 17, 2011 06:03:26 Central Standard Time

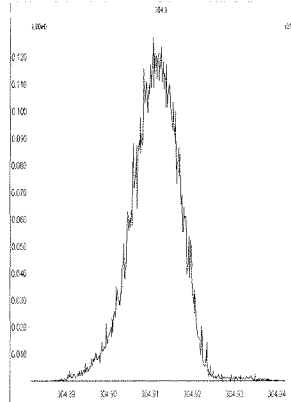
M 280.9824 R 11261



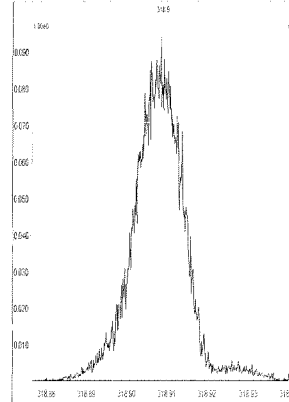
M 292.9824 R 11258



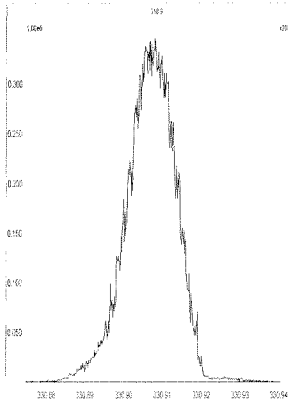
M 304.9824 R 11009



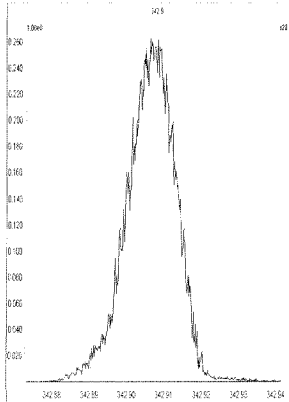
M 318.9792 R 11312



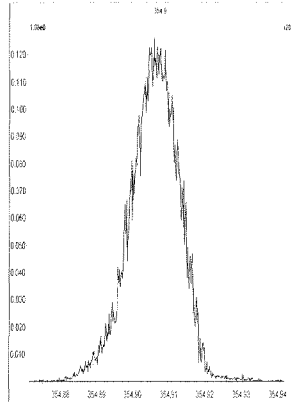
M 330.9792 R 11465



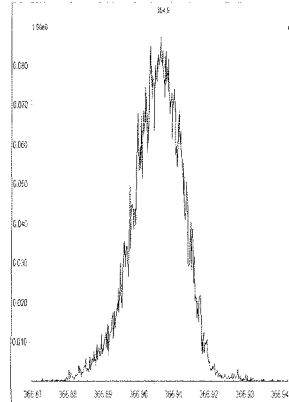
M 342.9792 R 11738



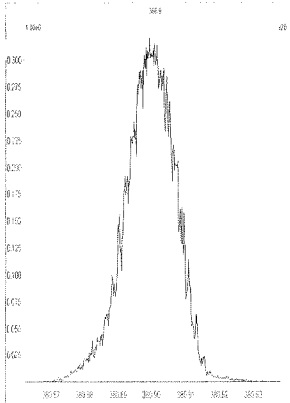
M 354.9792 R 11260



M 366.9792 R 11314



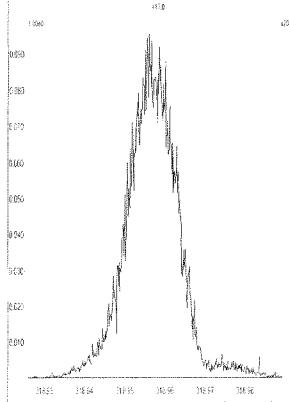
M 380.9760 R 10965



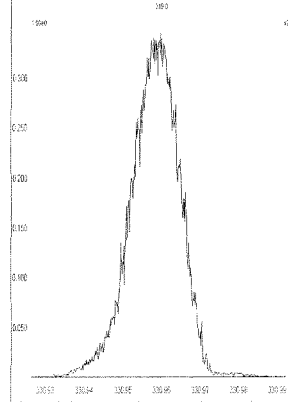
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Monday, January 17, 2011 06:03:59 Central Standard Time

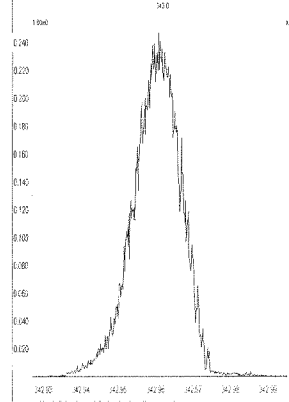
M 318.9792 R 10865



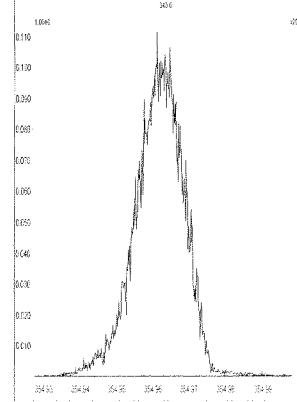
M 330.9792 R 11736



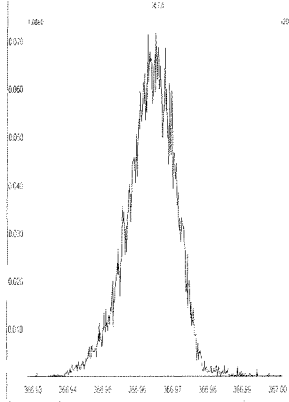
M 342.9792 R 11366



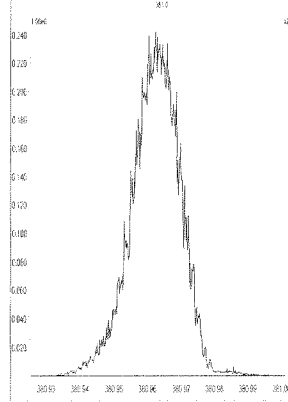
M 354.9792 R 12191



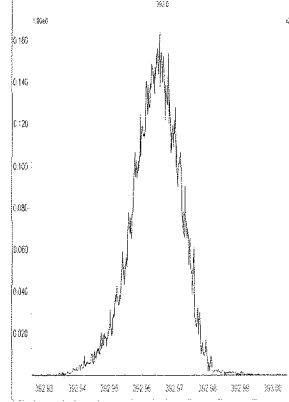
M 366.9792 R 11012



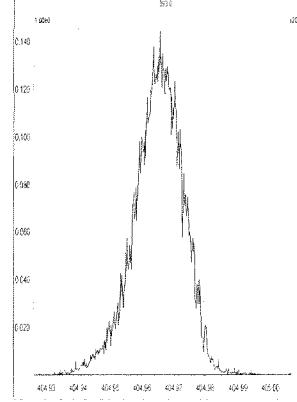
M 380.9760 R 11366



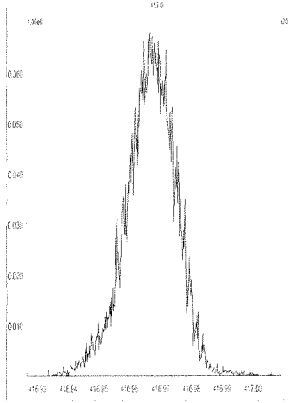
M 392.9760 R 11309



M 404.9760 R 10822



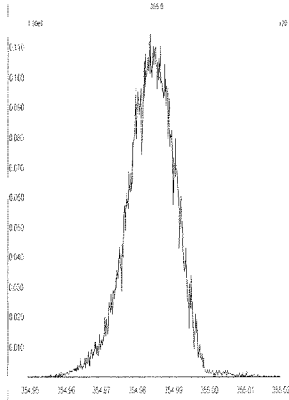
M 416.9760 R 11470



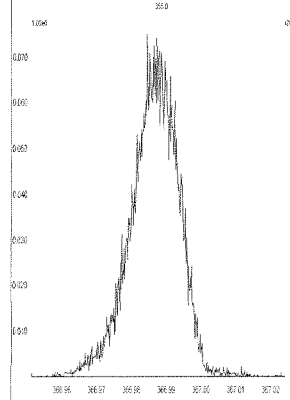
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 6 @ 200 (ppm)

Printed: Monday, January 17, 2011 06:04:38 Central Standard Time

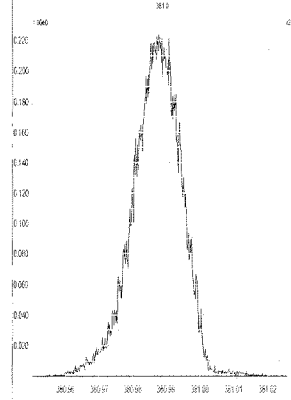
M 354.9792 R 11309



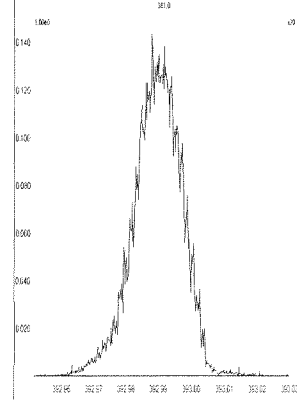
M 366.9792 R 12438



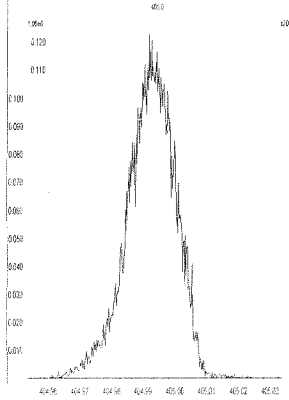
M 380.9760 R 11467



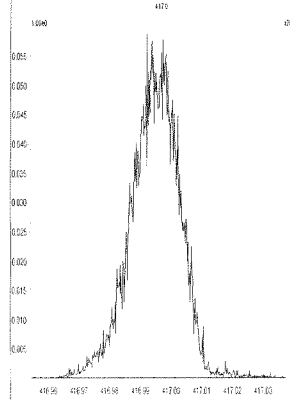
M 392.9760 R 11630



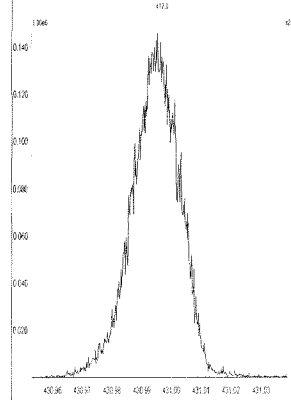
M 404.9760 R 11737



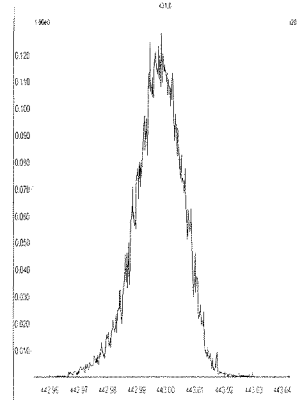
M 416.9760 R 11362



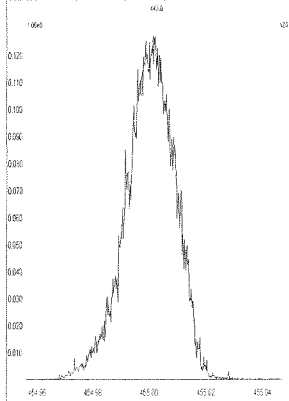
M 430.9728 R 11576



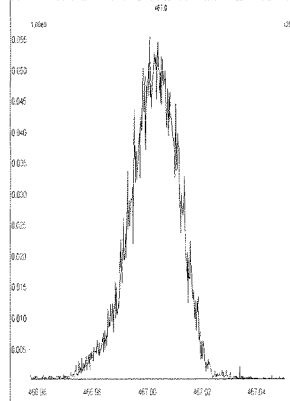
M 442.9728 R 11521



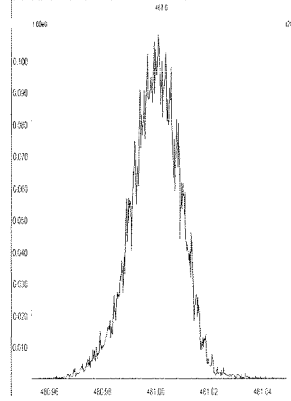
M 454.9728 R 11160



M 466.9728 R 11162



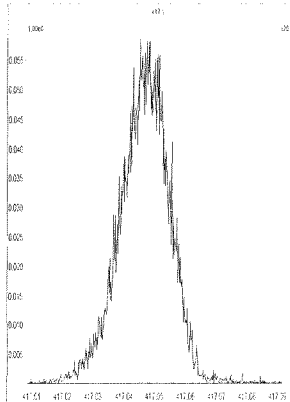
M 480.9696 R 10776



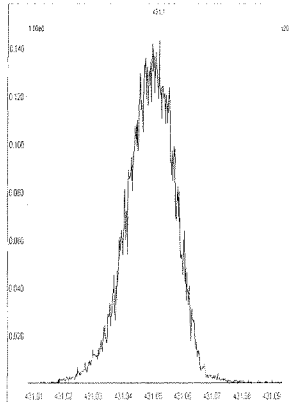
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 7 @ 200 (ppm)

Printed: Monday, January 17, 2011 06:05:03 Central Standard Time

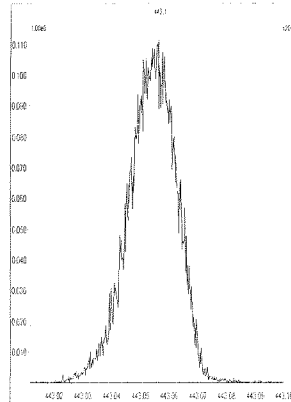
M 416.9760 R 10776



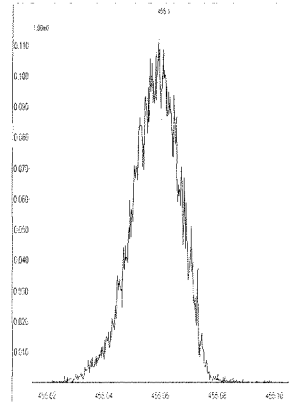
M 430.9728 R 11415



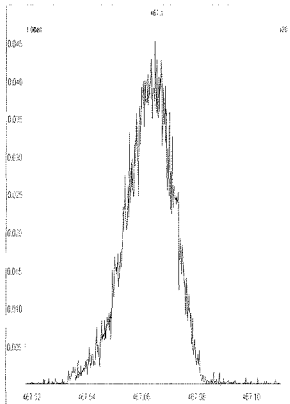
M 442.9728 R 11790



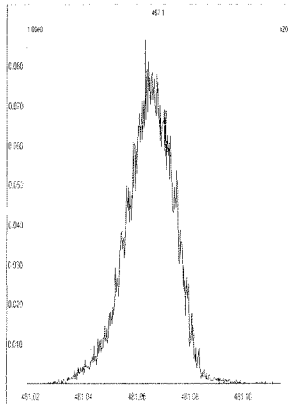
M 454.9728 R 11625



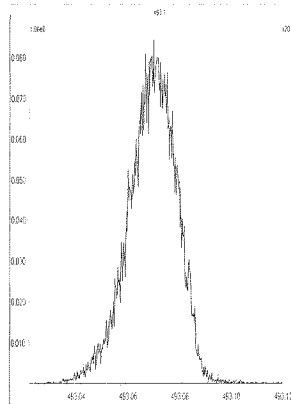
M 466.9728 R 11467



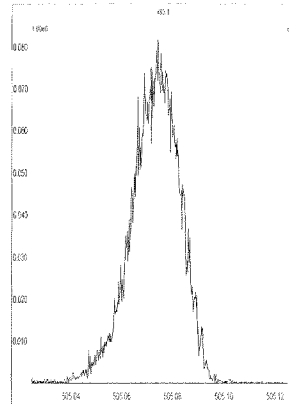
M 480.9696 R 11576



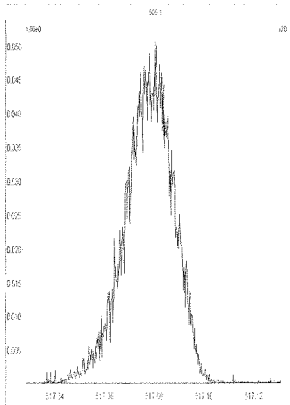
M 492.9696 R 11413



M 504.9696 R 11412



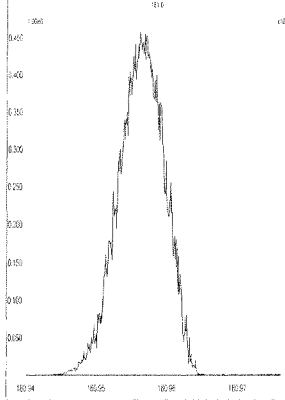
M 516.9697 R 11569



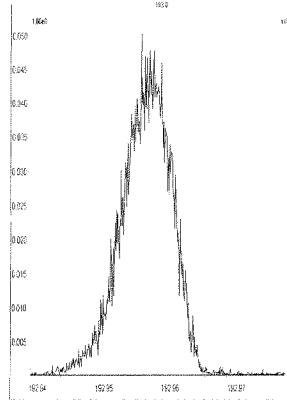
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Monday, January 17, 2011 17:22:38 Central Standard Time

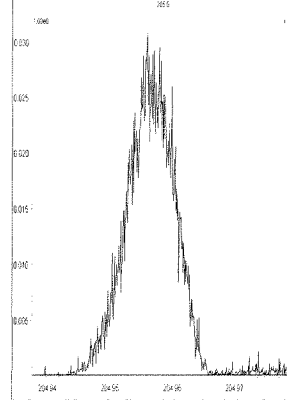
M 180.9888 R 12561



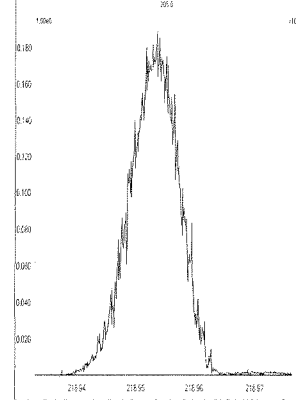
M 192.9888 R 10965



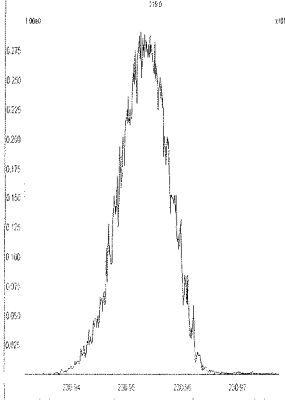
M 204.9888 R 11734



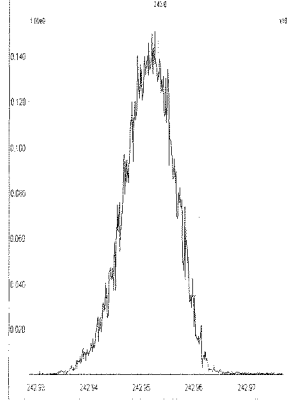
M 218.9856 R 11471



M 230.9856 R 11161



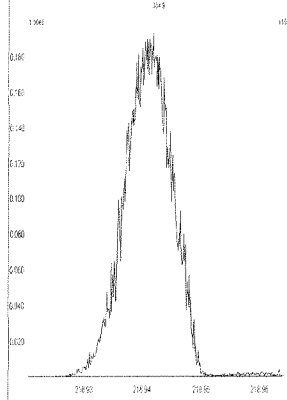
M 242.9856 R 11014



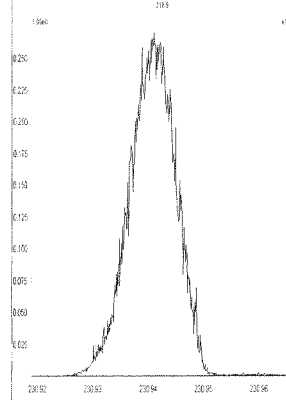
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Monday, January 17, 2011 17:22:54 Central Standard Time

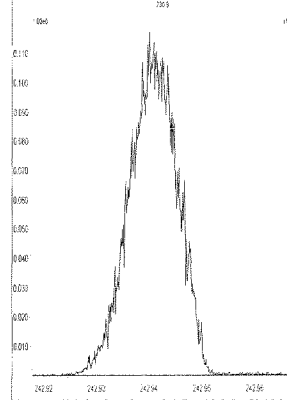
M 218.9856 R 12134



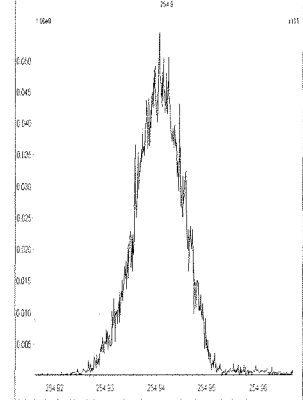
M 230.9856 R 12077



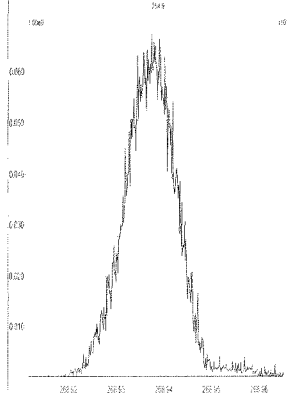
M 242.9856 R 11789



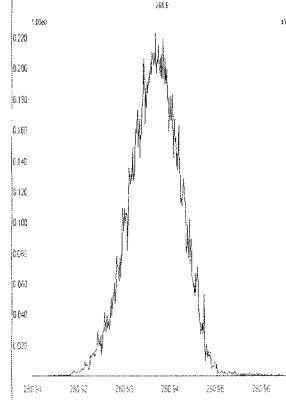
M 254.9856 R 11626



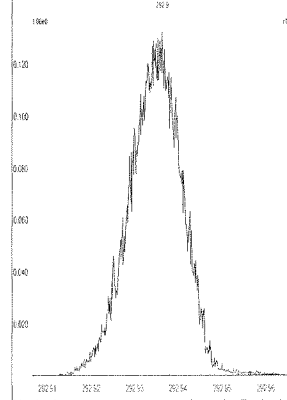
M 268.9824 R 11114



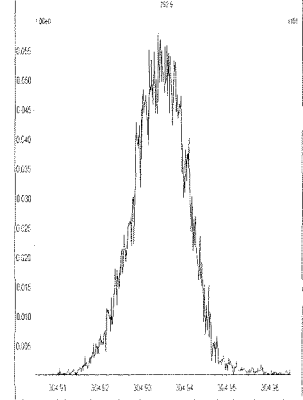
M 280.9824 R 11111



M 292.9824 R 10637



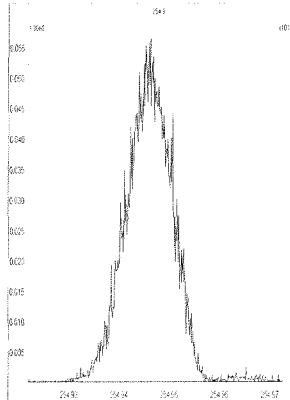
M 304.9824 R 10375



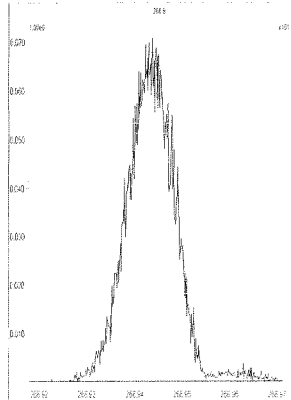
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Monday, January 17, 2011 17:23:11 Central Standard Time

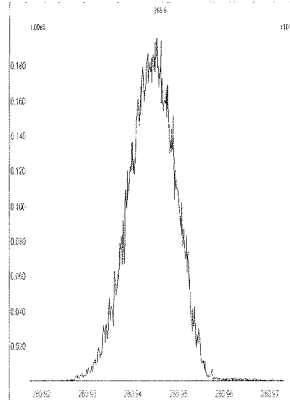
M 254.9856 R 12502



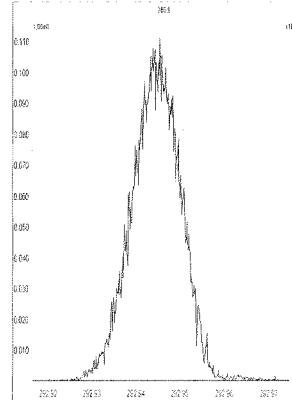
M 268.9824 R 12198



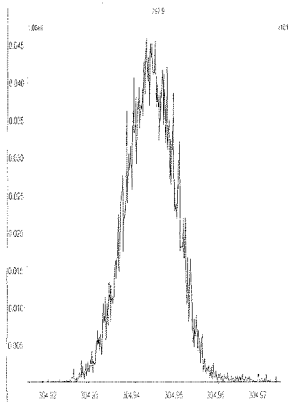
M 280.9824 R 11629



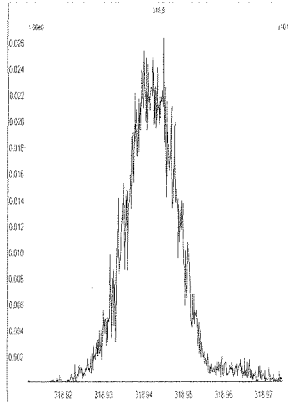
M 292.9824 R 12375



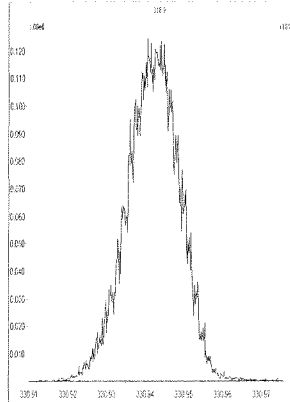
M 304.9824 R 11685



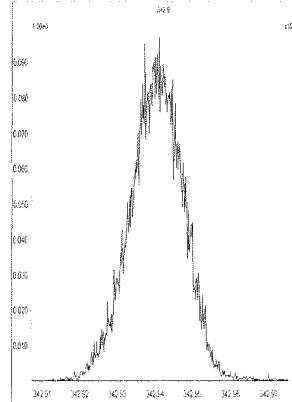
M 318.9792 R 10966



M 330.9792 R 10459



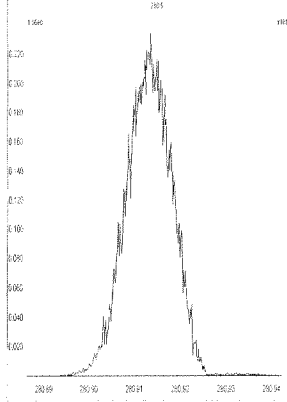
M 342.9792 R 10462



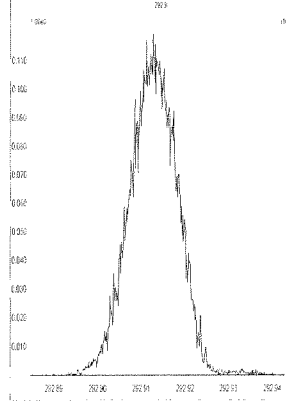
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Monday, January 17, 2011 17:23:29 Central Standard Time

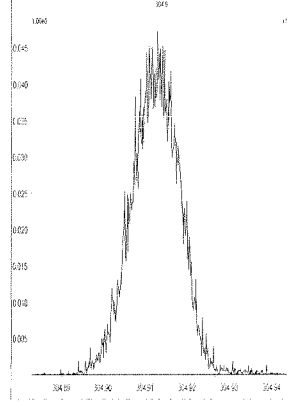
M 280.9824 R 12254



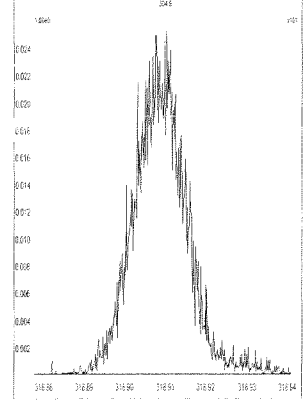
M 292.9824 R 12199



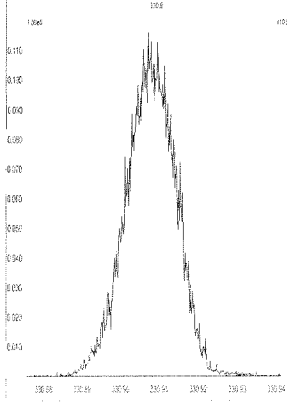
M 304.9824 R 11849



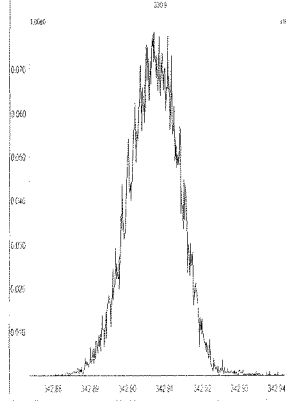
M 318.9792 R 11520



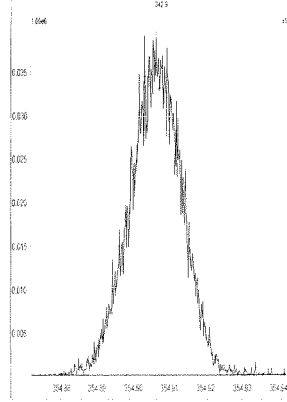
M 330.9792 R 10820



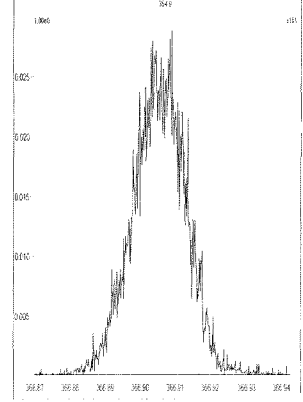
M 342.9792 R 11063



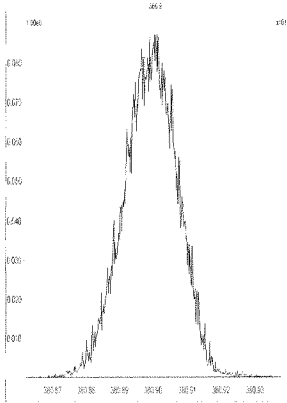
M 354.9792 R 11061



M 366.9792 R 10919



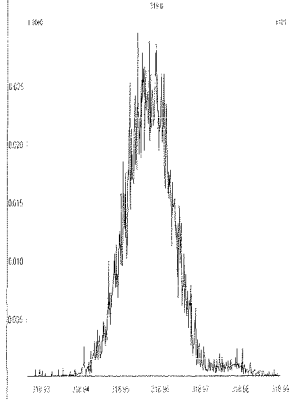
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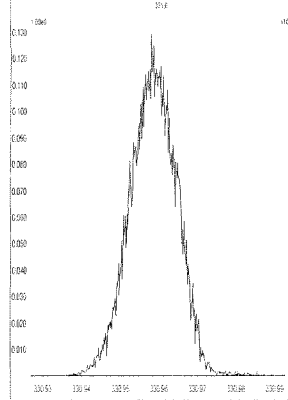
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

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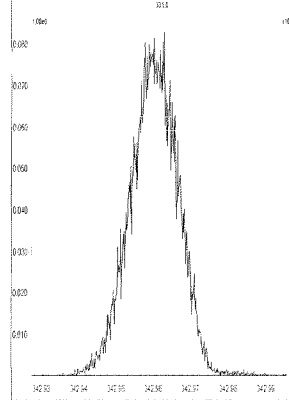
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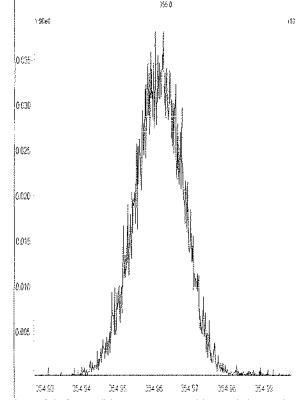
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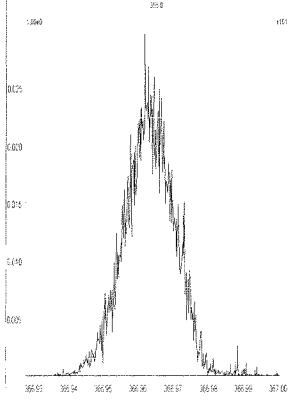
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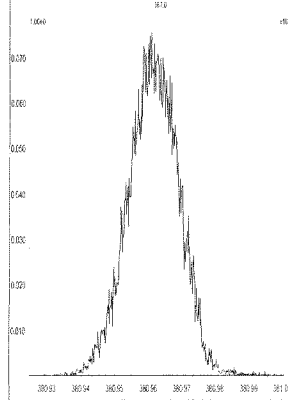
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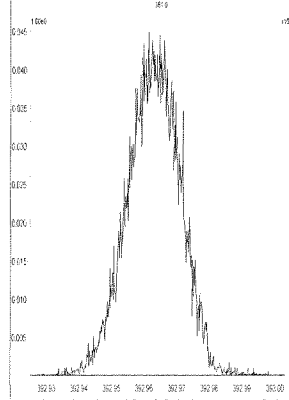
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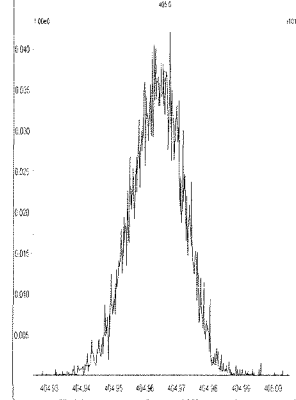
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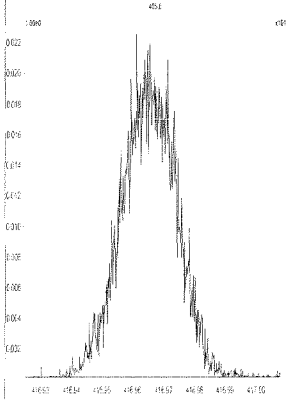
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M 404.9760 R 11110



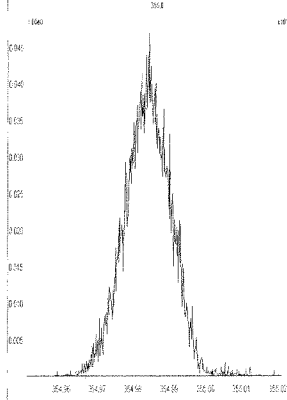
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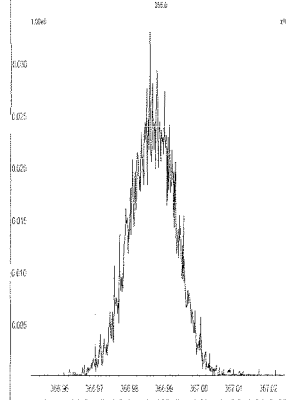
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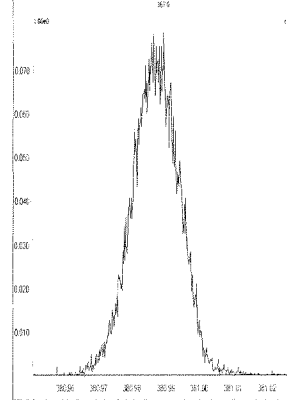
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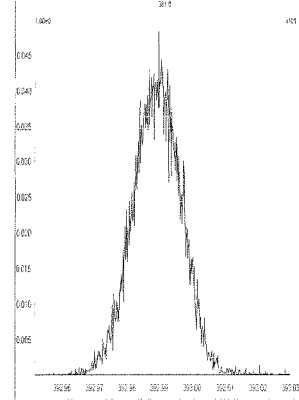
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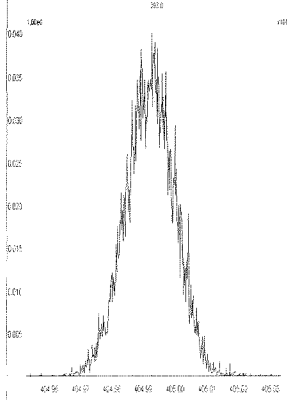
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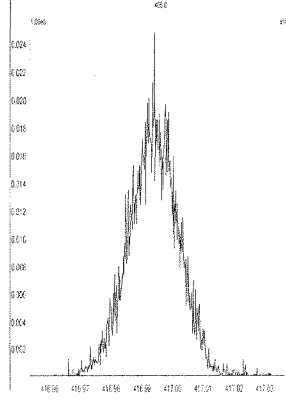
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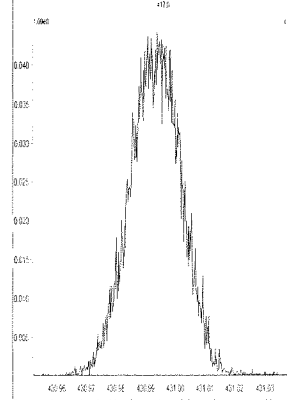
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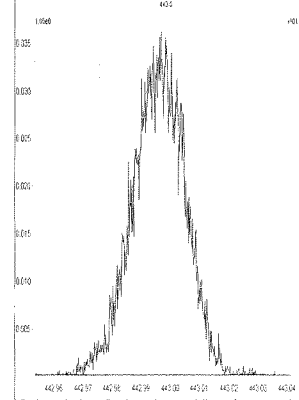
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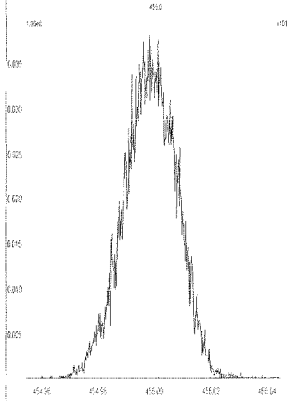
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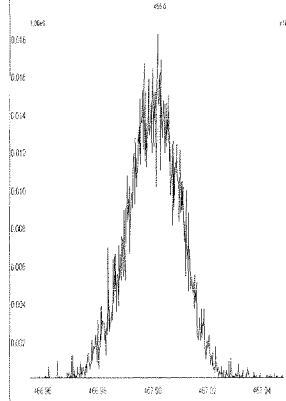
M 442.9728 R 10870



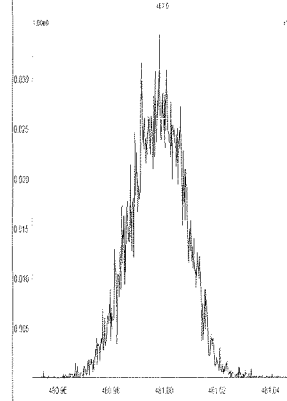
M 454.9728 R 10291



M 466.9728 R 11209



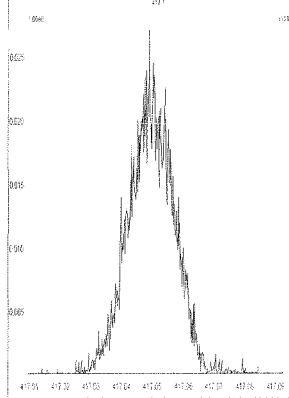
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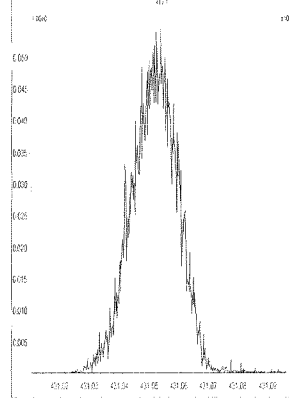
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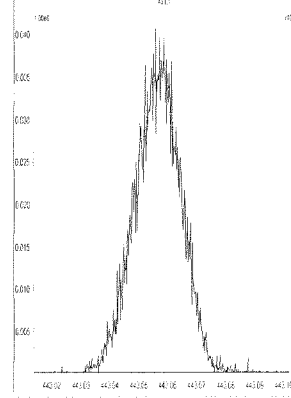
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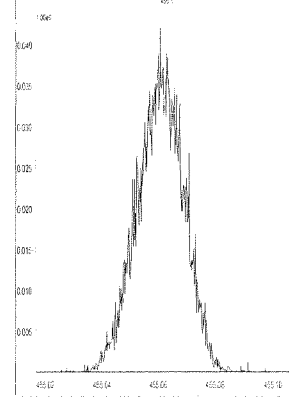
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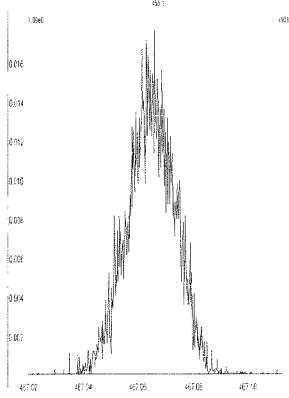
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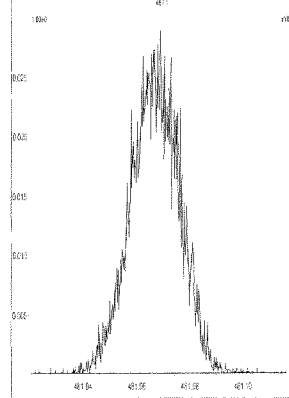
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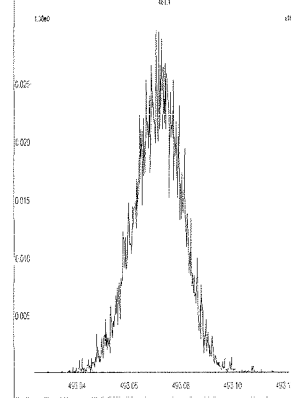
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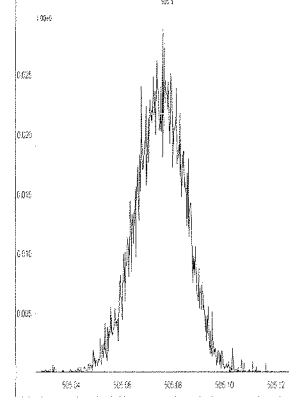
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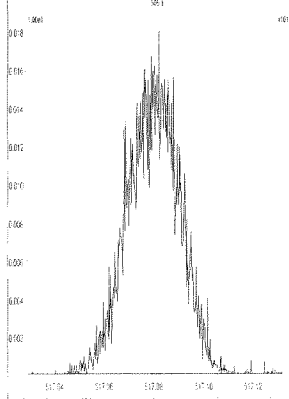
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M 504.9696 R 11210

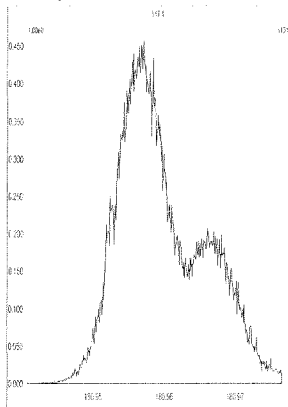


M 516.9697 R 11366

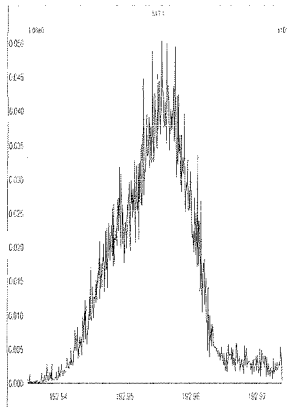


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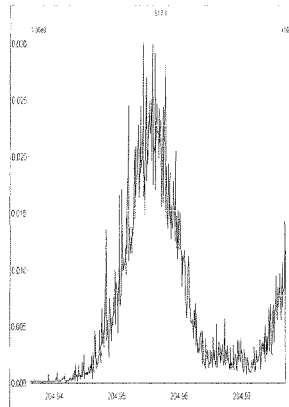
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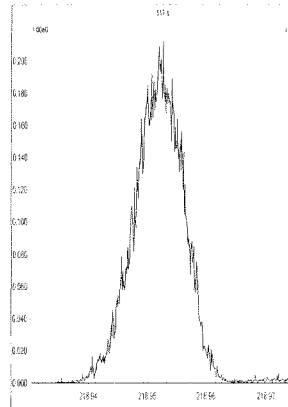
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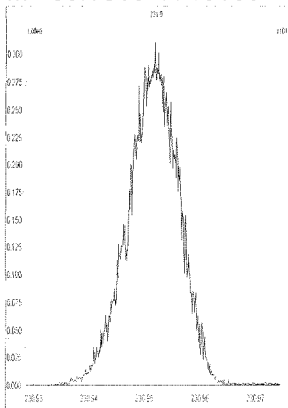
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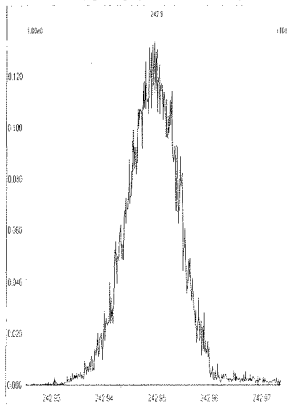
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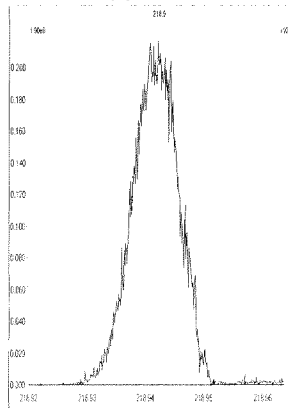
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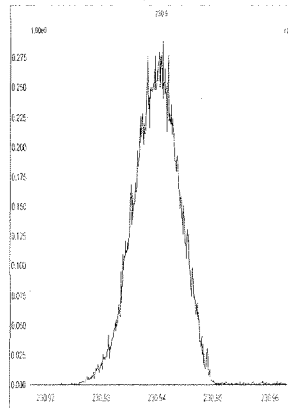
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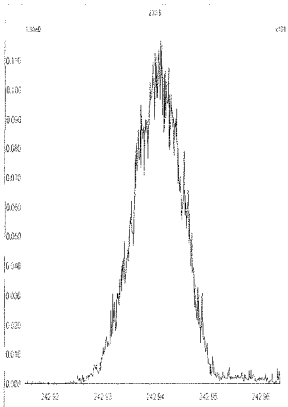
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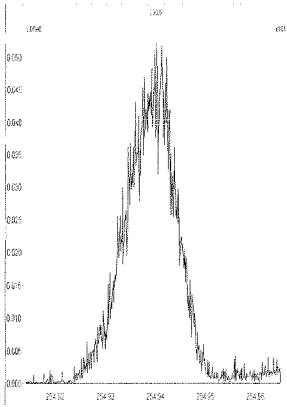
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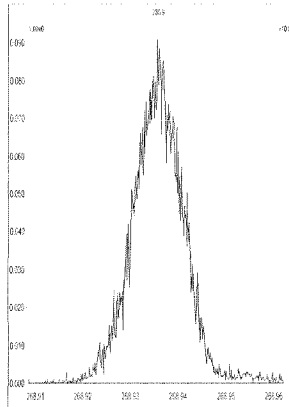
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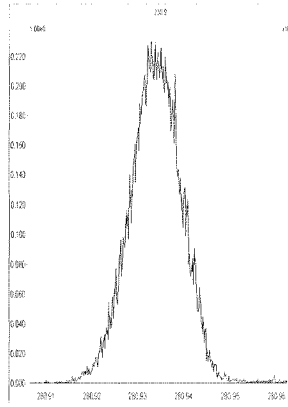
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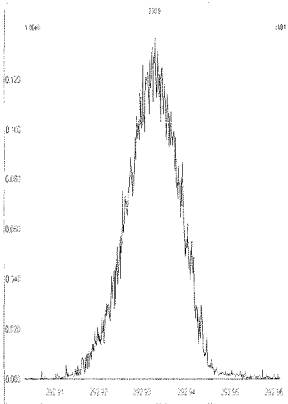
M 268.9824 R 11548



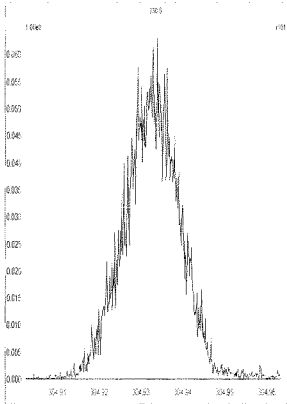
M 280.9824 R 10822



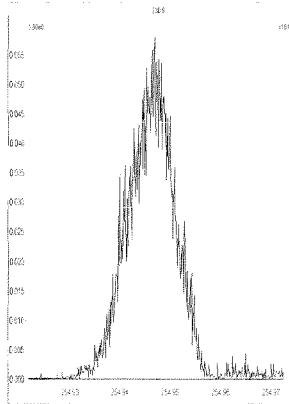
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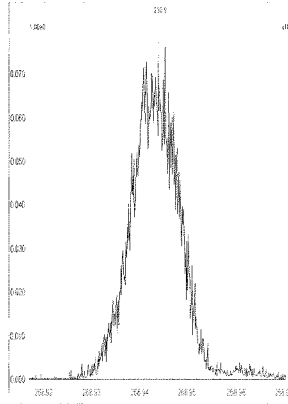
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M 254.9856 R 12407

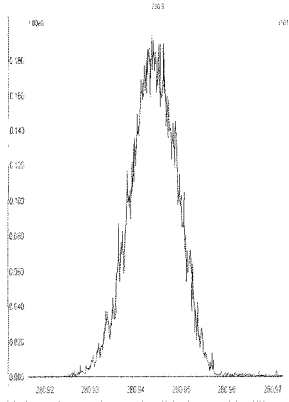


M 268.9824 R 11963

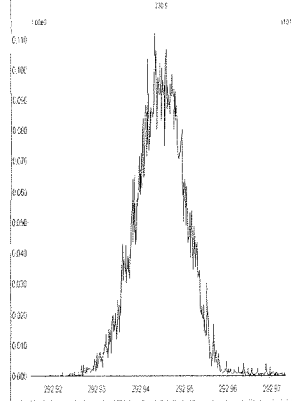


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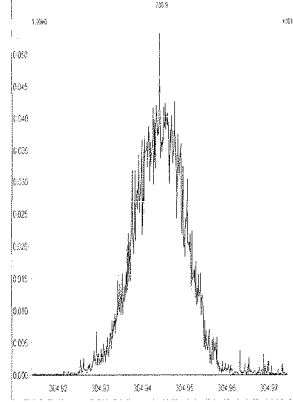
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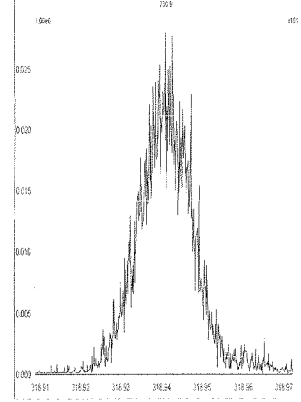
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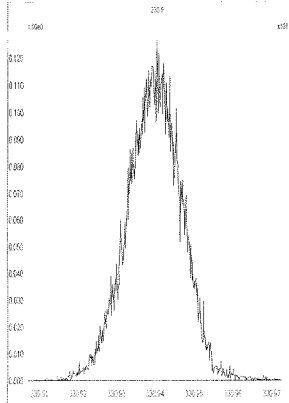
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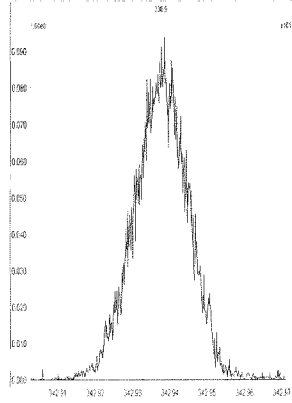
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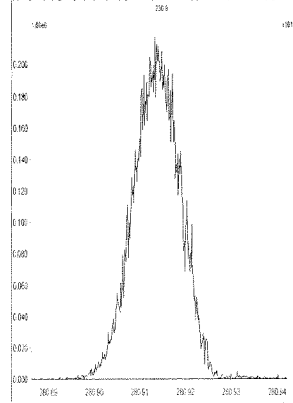
M 330.9792 R 10460



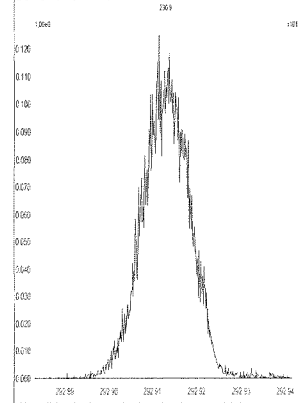
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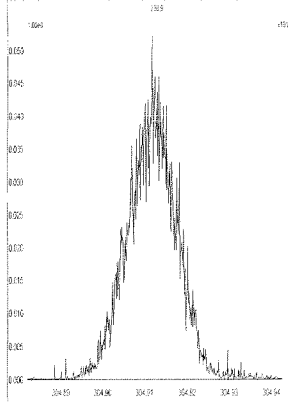
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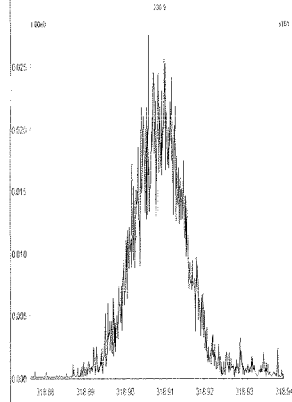
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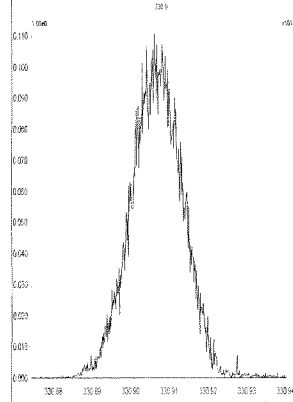
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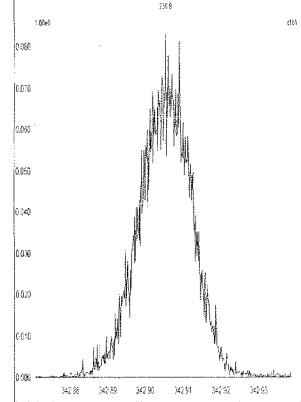
M 318.9792 R 11966



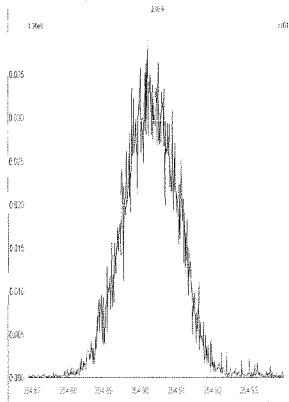
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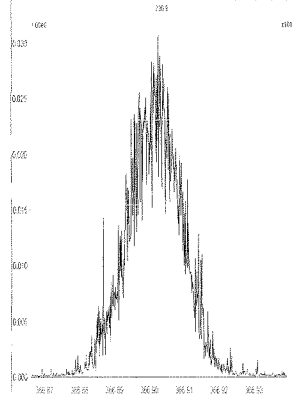
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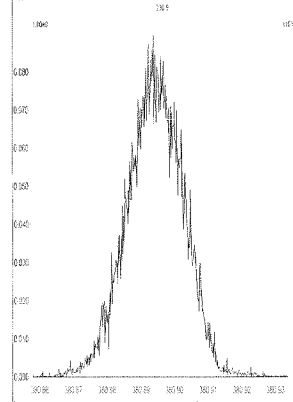
M 354.9792 R 11820



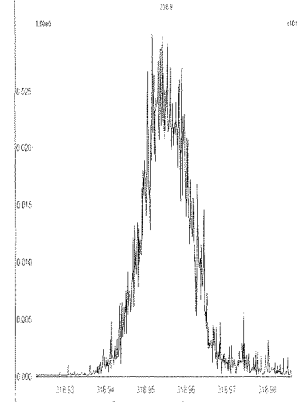
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M 380.9760 R 10003

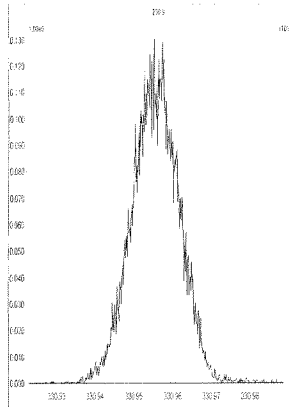


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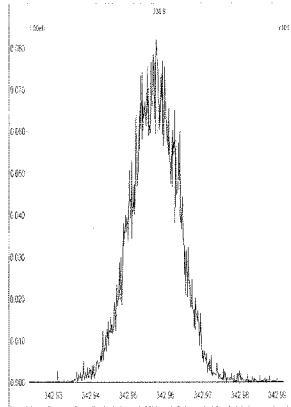


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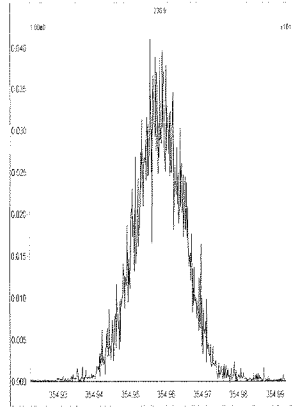
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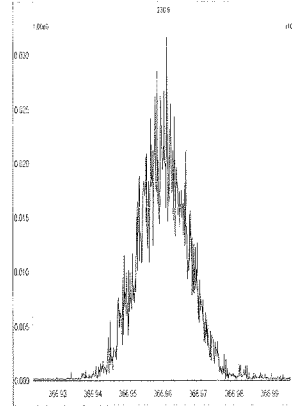
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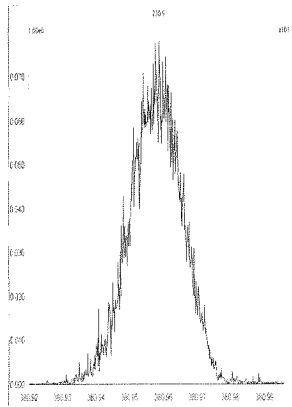
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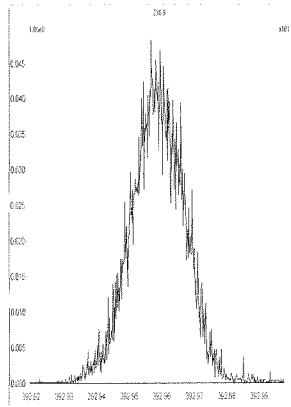
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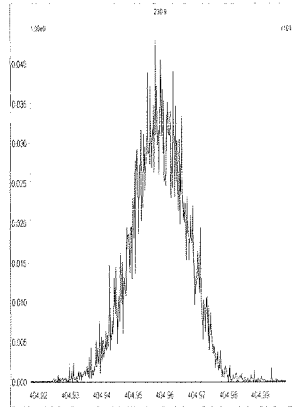
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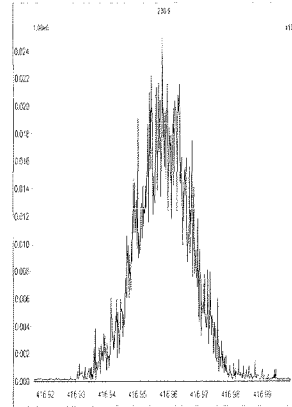
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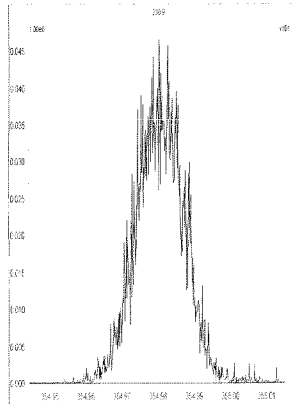
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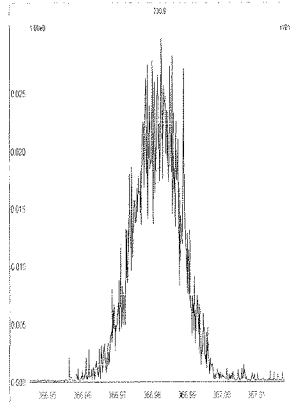
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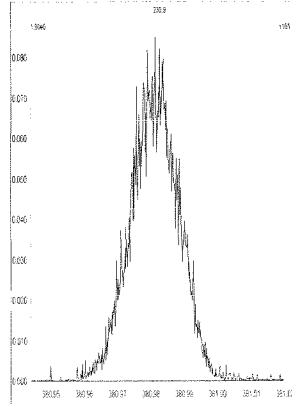
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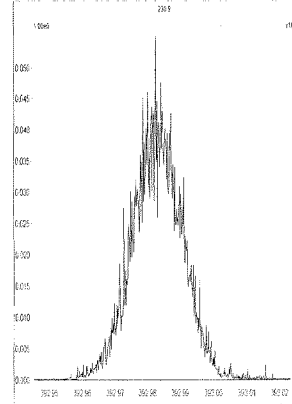
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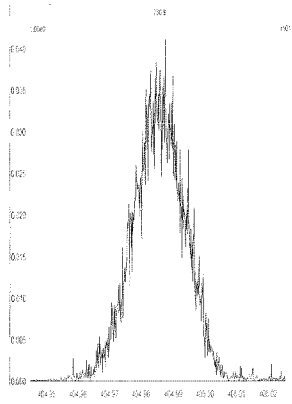
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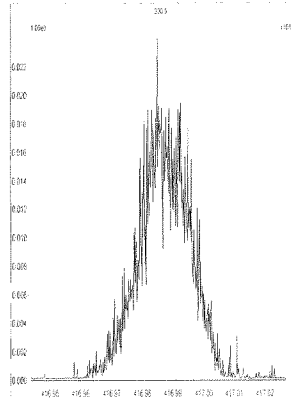
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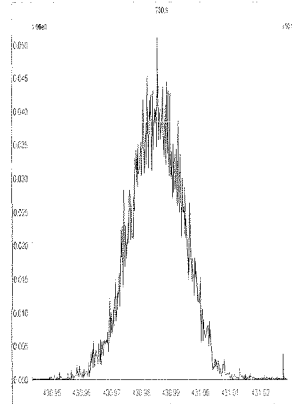
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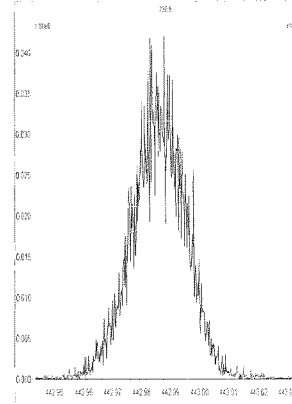
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M 430.9728 R 10810

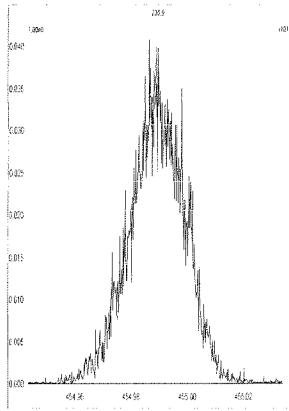


M 442.9728 R 11467

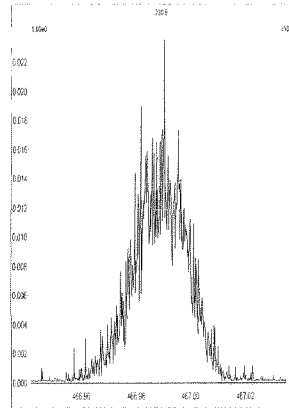


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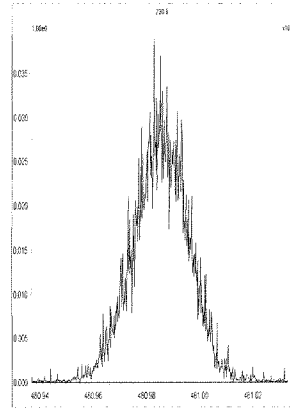
M 454.9728 R 11014



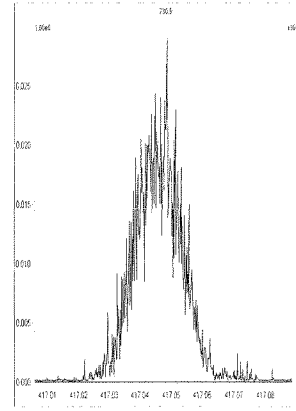
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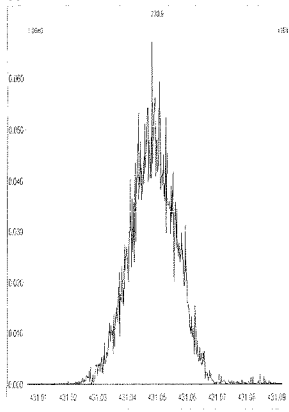
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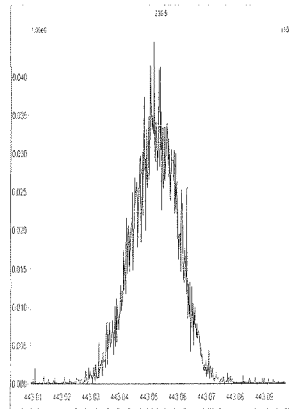
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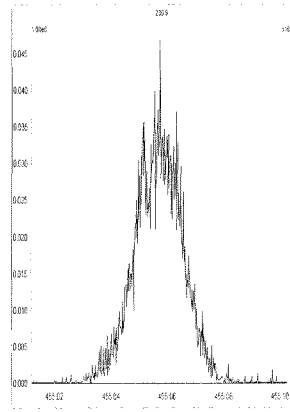
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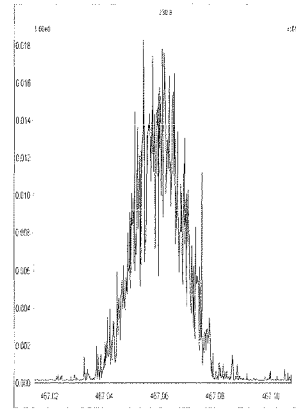
M 442.9728 R 12690



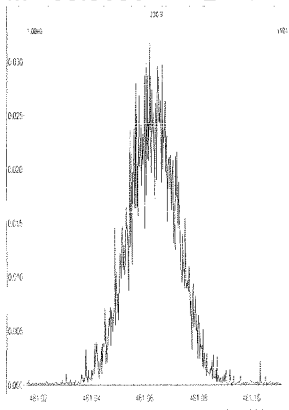
M 454.9728 R 12565



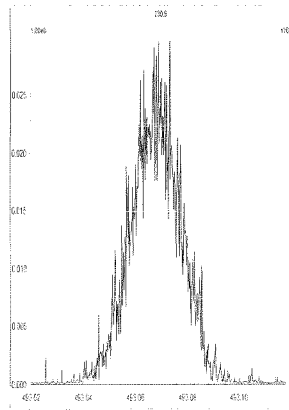
M 466.9728 R 12362



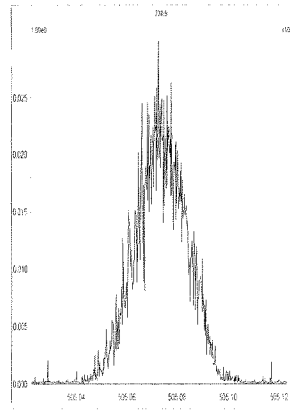
M 480.9696 R 12567



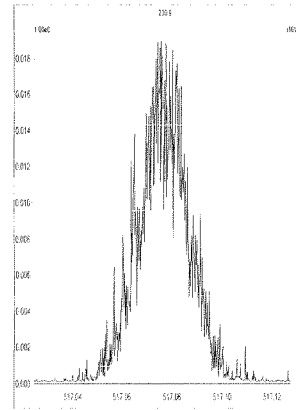
M 492.9696 R 11821



M 504.9696 R 11629



M 516.9697 R 12626



DCCS2091

METHOD 1668A
DILUTED COMBINED 209 CONGENER SOLUTION (DCCS-209)

CLIENT ID:

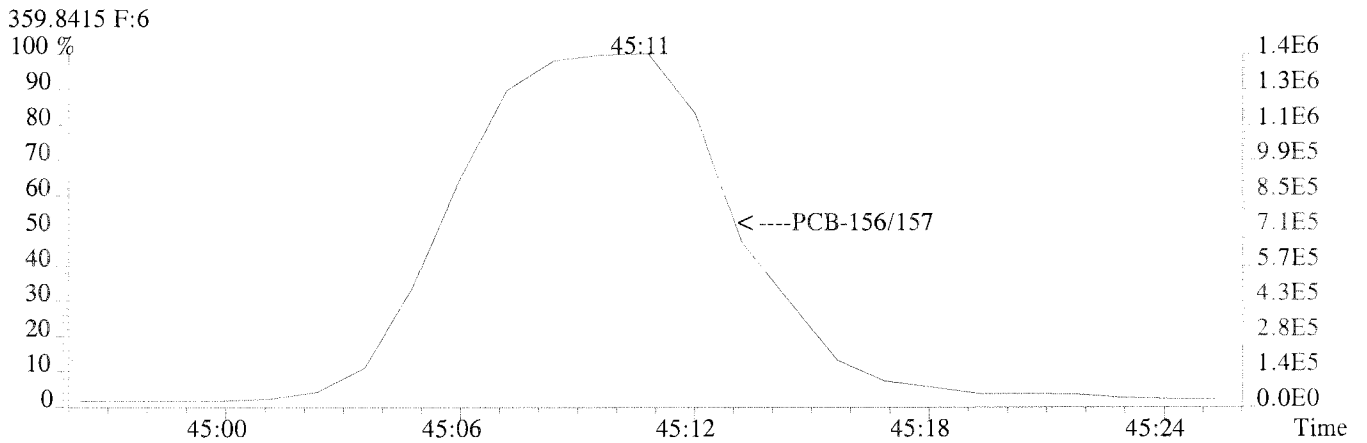
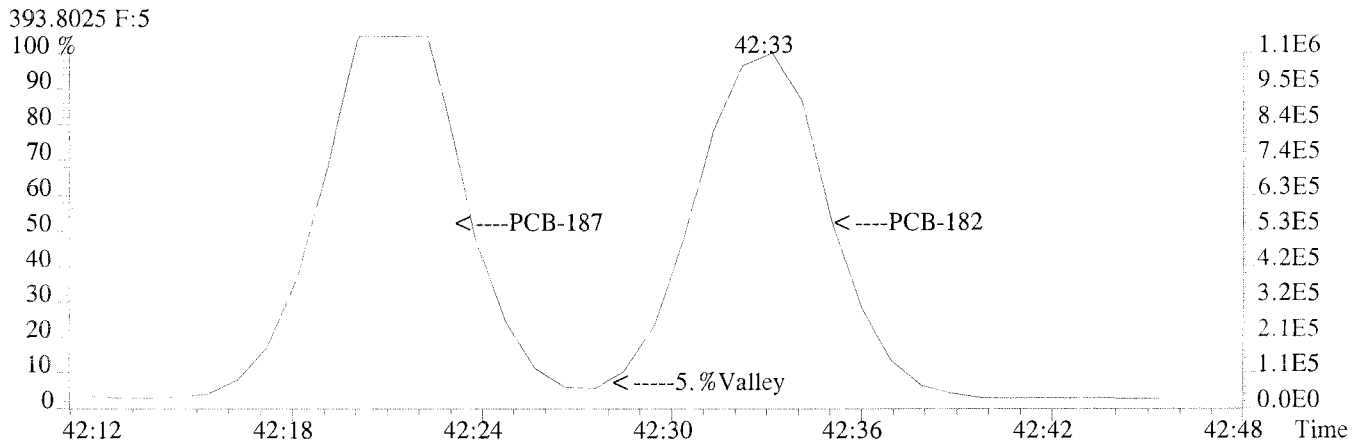
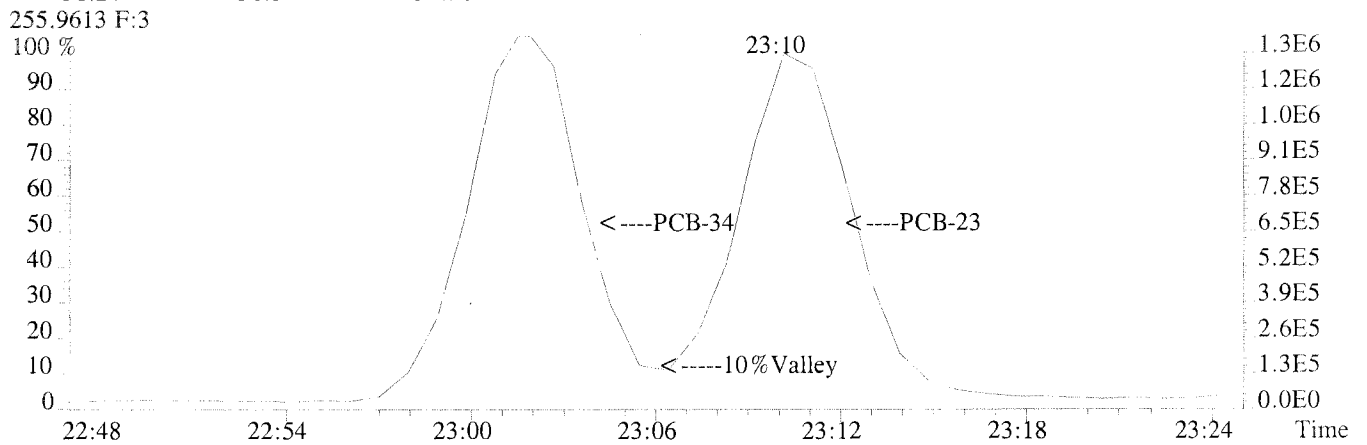
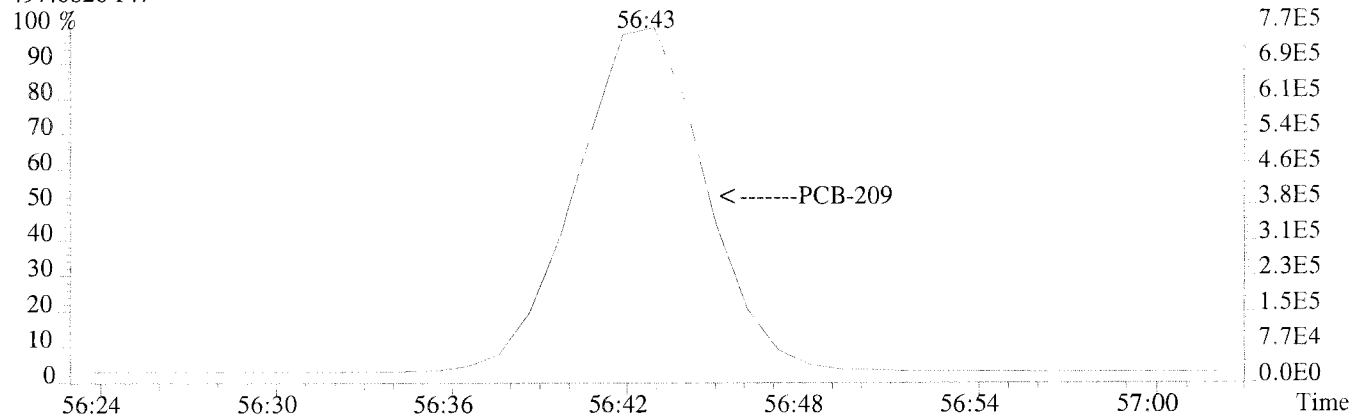
DCCS-209

Lab Name: COLUMBIA ANALYTICAL SERVICES
Lab Code: CAS Case No.: _____ SDG No.:
GC Column: SPB-Octyl ID: 0.25 (mm) Lab File ID: U224768
Date Analyzed: 17-JAN-2011
Time Analyzed: 06:05:59

Retention Time for PCB 209:	(>55 min)	56:43
% Valley between PCB 34 and PCB 23:	(<40%)	10
% Valley between PCB 187 and PCB 182:	(<40%)	5.
Seconds of coelution between PCB 156 and PCB 157: (<2 sec)		0

Reference: Section 6.9.1.1 Method 1668A with corrections and changes through Aug 30, 2003.

File:U224768 #1-400 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
497.6826 F:7



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
PCB-209 INJ

Run #7 Filename U224768 Samp: 1 Inj: 1 Acquired: 17-JAN-11 06:05:59
Processed: 18-JAN-11 10:13:36 Sample ID: DCCS-209

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRF
1	1	PCB-1	NotFnd	*	*	*	n	n	1.0617
2	1	PCB-2	14:58	8.846e+03	2.716e+03	3.26	y	n	1.0541
3	1	PCB-3	NotFnd	*	*	*	n	n	1.0567
4	1	PCB-4	NotFnd	*	*	*	n	n	0.9523
5	1	PCB-10	15:35	8.231e+03	5.322e+03	1.55	y	n	1.3162
6	2	PCB-9	17:23	6.490e+03	4.160e+03	1.56	y	n	1.0344
7	2	PCB-7	17:33	6.550e+03	4.181e+03	1.57	y	n	1.0421
8	2	PCB-6	17:48	6.753e+03	4.238e+03	1.59	y	n	1.0675
9	2	PCB-5	18:06	5.741e+03	3.506e+03	1.64	y	n	0.8980
10	2	PCB-8	18:14	7.043e+03	4.646e+03	1.52	y	n	1.1352
11	2	PCB-14	19:51	6.688e+03	4.316e+03	1.55	y	n	1.0687
12	2	PCB-11	20:42	6.937e+03	4.196e+03	1.65	y	n	1.0812
13	2	PCB-12/13	21:00	1.282e+04	8.081e+03	1.59	y	n	1.0148
14	2	PCB-15	NotFnd	*	*	*	n	n	0.9734
15	2	PCB-19	NotFnd	*	*	*	n	n	1.0211
16	2	PCB-18/30	20:21	8.350e+03	7.996e+03	1.04	y	n	0.9107
17	2	PCB-17	20:48	3.635e+03	3.483e+03	1.04	y	n	0.7931
18	2	PCB-27	21:02	5.025e+03	4.914e+03	1.02	y	n	1.1075
19	2	PCB-24	21:09	4.567e+03	4.364e+03	1.05	y	n	0.9951
20	2	PCB-16	21:17	2.899e+03	2.708e+03	1.07	y	n	0.6247
21	2	PCB-32	21:47	5.353e+03	5.231e+03	1.02	y	n	1.1794
22	3	PCB-34	23:02	6.107e+03	6.051e+03	1.01	y	y	1.3548
23	3	PCB-23	23:10	5.715e+03	5.469e+03	1.05	y	y	1.2463
24	3	PCB-26/29	23:30	1.277e+04	1.231e+04	1.04	y	n	1.3970
25	3	PCB-25	23:44	7.131e+03	7.010e+03	1.02	y	n	1.5757
26	3	PCB-31	24:03	6.712e+03	6.396e+03	1.05	y	n	1.4606
27	3	PCB-20/28	24:21	1.179e+04	1.120e+04	1.05	y	y	1.2810
28	3	PCB-21/33	24:31	1.318e+04	1.254e+04	1.05	y	y	1.4332
29	3	PCB-22	24:58	5.712e+03	5.509e+03	1.04	y	n	1.2503
30	3	PCB-36	26:31	6.473e+03	6.109e+03	1.06	y	y	1.4020
31	3	PCB-39	26:53	6.662e+03	5.991e+03	1.11	y	n	1.4099
32	3	PCB-38	27:27	6.381e+03	5.990e+03	1.07	y	n	1.3785
33	3	PCB-35	27:56	6.136e+03	5.903e+03	1.04	y	y	1.3415
34	3	PCB-37	NotFnd	*	*	*	n	n	1.0819
35	2	PCB-54	NotFnd	*	*	*	n	n	0.9626
36	3	PCB-50/53	23:47	1.295e+04	1.677e+04	0.77	y	n	0.7750
37	3	PCB-45/51	24:30	1.268e+04	1.627e+04	0.78	y	y	0.7550
38	3	PCB-46	24:46	5.598e+03	7.371e+03	0.76	y	n	0.6764
39	3	PCB-52	26:09	6.858e+03	8.943e+03	0.77	y	y	0.8241
40	3	PCB-43/73	26:18	1.390e+04	1.768e+04	0.79	y	y	0.8236
41	3	PCB-49/69	26:36	1.563e+04	2.014e+04	0.78	y	n	0.9327
42	3	PCB-48	26:55	6.299e+03	8.181e+03	0.77	y	n	0.7552
43	3	PCB-44/47/65	27:10	2.145e+04	2.787e+04	0.77	y	n	0.8575
44	3	PCB-59/62/75	27:29	2.594e+04	3.351e+04	0.77	y	n	1.0336
45	3	PCB-42	27:40	6.409e+03	8.159e+03	0.79	y	y	0.7598
46	3	PCB-40/41/71	28:11	1.937e+04	2.523e+04	0.77	y	y	0.7753
47	3	PCB-64	28:24	9.419e+03	1.190e+04	0.79	y	y	1.1120
48	3	PCB-72	29:12	9.230e+03	1.208e+04	0.76	y	n	1.1115
49	3	PCB-68	29:29	8.788e+03	1.129e+04	0.78	y	y	1.0471
50	3	PCB-57	29:55	8.948e+03	1.121e+04	0.80	y	n	1.0514

51	3	PCB-58	30:10	8.815e+03	1.056e+04	0.83	y	y	1.0107
52	3	PCB-67	30:19	1.002e+04	1.299e+04	0.77	y	y	1.2004
53	3	PCB-63	30:35	9.389e+03	1.208e+04	0.78	y	y	1.1198
54	3	PCB-61/70/74/76	30:56	3.597e+04	4.584e+04	0.78	y	y	1.0667
55	3	PCB-66	31:15	9.433e+03	1.217e+04	0.78	y	n	1.1266
56	3	PCB-55	31:25	7.902e+03	1.023e+04	0.77	y	n	0.9457
57	4	PCB-56	31:56	9.044e+03	1.141e+04	0.79	y	n	1.0666
58	4	PCB-60	32:09	8.631e+03	1.108e+04	0.78	y	n	1.0281
59	4	PCB-80	32:31	1.042e+04	1.325e+04	0.79	y	n	1.2345
60	4	PCB-79	34:03	9.890e+03	1.267e+04	0.78	y	n	1.1765
61	4	PCB-78	34:36	8.773e+03	1.111e+04	0.79	y	n	1.0368
62	4	PCB-81	NotFnd	*	*	*	n	n	1.0839
63	4	PCB-77	NotFnd	*	*	*	n	n	1.0368
64	3	PCB-104	NotFnd	*	*	*	n	n	1.0032
65	3	PCB-96	27:30	1.292e+04	8.340e+03	1.55	y	n	1.1937
66	3	PCB-103	29:23	1.083e+04	6.844e+03	1.58	y	n	0.9923
67	3	PCB-94	29:37	8.636e+03	5.514e+03	1.57	y	n	0.7946
68	3	PCB-95	30:04	9.743e+03	6.398e+03	1.52	y	y	0.9064
69	3	PCB-93/100	30:16	1.856e+04	1.203e+04	1.54	y	y	0.8589
70	3	PCB-98/102	30:26	1.902e+04	1.226e+04	1.55	y	y	0.8783
71	3	PCB-88/91	30:56	1.873e+04	1.215e+04	1.54	y	y	0.8669
72	3	PCB-84	31:10	8.452e+03	5.495e+03	1.54	y	n	0.7832
73	3	PCB-89	31:38	8.816e+03	5.742e+03	1.54	y	n	0.8175
74	4	PCB-121	32:01	1.089e+04	7.142e+03	1.52	y	n	1.0126
75	4	PCB-92	32:24	7.583e+03	5.021e+03	1.51	y	n	0.7078
76	4	PCB-90/101/113	32:58	2.679e+04	1.732e+04	1.55	y	n	0.8257
77	4	PCB-83/99	33:33	1.495e+04	9.441e+03	1.58	y	y	0.6849
78	4	PCB-112	33:40	1.063e+04	6.765e+03	1.57	y	y	0.9768
79	4	PCB-86/87/97/109/119/125	34:03	5.186e+04	3.329e+04	1.56	y	y	0.7969
80	4	PCB-117	34:41	8.834e+03	6.086e+03	1.45	y	y	0.8378
81	4	PCB-85/116	34:46	1.884e+04	1.189e+04	1.58	y	y	0.8627
82	4	PCB-110/115	34:59	1.966e+04	1.294e+04	1.52	y	y	0.9154
83	4	PCB-82	35:17	6.507e+03	4.199e+03	1.55	y	n	0.6012
84	4	PCB-111	35:37	9.583e+03	6.171e+03	1.55	y	n	0.8847
85	4	PCB-120	36:06	1.049e+04	6.659e+03	1.58	y	n	0.9630
86	5	PCB-108/124	37:14	1.954e+04	1.131e+04	1.73	y	n	0.8660
87	5	PCB-107	37:28	1.075e+04	6.481e+03	1.66	y	n	0.9679
88	5	PCB-123	NotFnd	*	*	*	n	n	1.0758
89	5	PCB-106	37:42	1.024e+04	6.497e+03	1.58	y	n	0.9401
90	5	PCB-118	NotFnd	*	*	*	n	n	1.1029
91	5	PCB-122	38:16	8.994e+03	5.428e+03	1.66	y	n	0.8099
92	5	PCB-114	NotFnd	*	*	*	n	n	1.0787
93	5	PCB-105	NotFnd	*	*	*	n	n	1.0593
94	5	PCB-127	40:32	9.362e+03	5.426e+03	1.73	y	n	0.8305
95	5	PCB-126	NotFnd	*	*	*	n	n	1.0408
96	4	PCB-155	NotFnd	*	*	*	n	n	0.9771
97	4	PCB-152	32:58	1.176e+04	9.807e+03	1.20	y	n	1.8526
98	4	PCB-150	33:07	1.066e+04	8.923e+03	1.20	y	n	1.6823
99	4	PCB-136	33:30	1.122e+04	9.344e+03	1.20	y	n	1.7659
100	4	PCB-145	33:47	1.017e+04	8.505e+03	1.20	y	n	1.6039
101	4	PCB-148	35:15	8.094e+03	6.763e+03	1.20	y	n	1.2761
102	4	PCB-135/151	35:51	1.496e+04	1.248e+04	1.20	y	n	1.1786
103	4	PCB-154	36:06	8.971e+03	7.408e+03	1.21	y	n	1.4069
104	4	PCB-144	36:25	8.103e+03	6.562e+03	1.23	y	n	1.2596
105	5	PCB-147/149	36:47	1.281e+04	1.027e+04	1.25	y	n	0.9913
106	5	PCB-134	36:59	5.198e+03	4.272e+03	1.22	y	n	0.8134
107	5	PCB-143	37:05	6.196e+03	4.980e+03	1.24	y	n	0.9599

108	5	PCB-139/140	37:22	1.251e+04	9.954e+03	1.26	y	n	0.9649
109	5	PCB-131	37:35	5.647e+03	4.505e+03	1.25	y	n	0.8720
110	5	PCB-142	37:43	5.492e+03	4.447e+03	1.23	y	n	0.8537
111	5	PCB-132	38:03	5.123e+03	4.075e+03	1.26	y	n	0.7901
112	5	PCB-133	38:31	5.566e+03	4.389e+03	1.27	y	n	0.8551
113	5	PCB-165	38:54	6.804e+03	5.550e+03	1.23	y	n	1.0611
114	5	PCB-146	39:09	6.831e+03	5.568e+03	1.23	y	n	1.0650
115	5	PCB-161	39:17	7.702e+03	6.155e+03	1.25	y	n	1.1902
116	5	PCB-153/168	39:47	1.425e+04	1.144e+04	1.25	y	n	1.1032
117	5	PCB-141	39:58	5.897e+03	4.660e+03	1.27	y	n	0.9068
118	5	PCB-130	40:23	4.940e+03	4.003e+03	1.23	y	n	0.7682
119	5	PCB-137	40:35	5.178e+03	4.175e+03	1.24	y	n	0.8033
120	5	PCB-164	40:42	7.480e+03	6.004e+03	1.25	y	n	1.1581
121	5	PCB-129/138/163	41:01	1.697e+04	1.363e+04	1.25	y	n	0.8763
122	5	PCB-160	41:11	7.420e+03	5.963e+03	1.24	y	n	1.1495
123	5	PCB-158	41:24	7.827e+03	6.380e+03	1.23	y	n	1.2203
124	5	PCB-128/166	42:14	1.303e+04	1.038e+04	1.26	y	n	1.0052
125	6	PCB-159	43:14	5.604e+03	4.515e+03	1.24	y	n	0.8692
126	6	PCB-162	43:31	5.328e+03	4.343e+03	1.23	y	n	0.8306
127	6	PCB-167	NotFnd	*	*	*	n	n	1.0299
128	6	PCB-156/157	NotFnd	*	*	*	n	n	1.0644
129	6	PCB-169	NotFnd	*	*	*	n	n	1.0362
130	5	PCB-188	NotFnd	*	*	*	n	n	0.9497
131	5	PCB-179	38:47	8.092e+03	7.762e+03	1.04	y	n	1.3157
132	5	PCB-184	39:16	7.787e+03	7.628e+03	1.02	y	n	1.2794
133	5	PCB-176	39:39	7.894e+03	7.670e+03	1.03	y	n	1.2918
134	5	PCB-186	40:06	7.187e+03	6.890e+03	1.04	y	n	1.1683
135	5	PCB-178	41:27	5.091e+03	4.976e+03	1.02	y	n	0.8355
136	5	PCB-175	42:05	5.320e+03	5.218e+03	1.02	y	n	0.8746
137	5	PCB-187	42:21	6.561e+03	6.371e+03	1.03	y	n	1.0732
138	5	PCB-182	42:33	5.476e+03	5.376e+03	1.02	y	n	0.9007
139	6	PCB-183	42:58	3.802e+03	3.631e+03	1.05	y	y	0.6169
140	6	PCB-185	43:05	3.060e+03	2.918e+03	1.05	y	y	0.4962
141	6	PCB-174	43:13	3.388e+03	3.311e+03	1.02	y	y	0.5560
142	6	PCB-177	43:39	3.192e+03	3.042e+03	1.05	y	n	0.5174
143	6	PCB-181	44:02	3.188e+03	2.925e+03	1.09	y	n	0.5073
144	6	PCB-171/173	44:15	5.837e+03	5.809e+03	1.00	y	n	0.4833
145	6	PCB-172	45:52	2.682e+03	2.535e+03	1.06	y	n	0.4330
146	6	PCB-192	46:09	3.129e+03	3.120e+03	1.00	y	n	0.5186
147	6	PCB-180/193	46:30	6.412e+03	6.163e+03	1.04	y	n	0.5218
148	6	PCB-191	46:53	3.377e+03	3.178e+03	1.06	y	n	0.5440
149	6	PCB-170	47:47	2.301e+03	2.199e+03	1.05	y	n	0.3735
150	6	PCB-190	48:17	3.146e+03	3.188e+03	0.99	y	y	0.5257
151	6	PCB-189	NotFnd	*	*	*	n	n	0.9118
152	6	PCB-202	NotFnd	*	*	*	n	n	0.8687
153	6	PCB-201	44:41	5.901e+03	6.588e+03	0.90	y	n	1.0343
154	6	PCB-204	45:19	5.550e+03	6.388e+03	0.87	y	n	0.9888
155	6	PCB-197	45:34	5.554e+03	6.148e+03	0.90	y	n	0.9692
156	6	PCB-200	45:41	5.761e+03	6.551e+03	0.88	y	n	1.0198
157	6	PCB-198/199	48:27	6.188e+03	7.290e+03	0.85	y	n	0.5581
158	6	PCB-196	49:07	3.290e+03	3.804e+03	0.86	y	n	0.5876
159	6	PCB-203	49:18	3.283e+03	3.739e+03	0.88	y	n	0.5816
160	6	PCB-195	50:38	2.961e+03	3.306e+03	0.90	y	n	0.5191
161	6	PCB-194	52:56	2.838e+03	3.169e+03	0.90	y	n	0.4975
162	6	PCB-205	NotFnd	*	*	*	n	n	0.9331
163	6	PCB-208	NotFnd	*	*	*	n	n	0.9147
164	6	PCB-207	51:18	3.884e+03	5.056e+03	0.77	y	n	1.1351

165	7	PCB-206	NotFnd	*	*	*	n	n	0.9373
166	7	PCB-209	NotFnd	*	*	*	n	n	0.9245
167	1	PCB-1L	12:57	3.261e+04	1.030e+04	3.17	y	n	1.1619
168	1	PCB-3L	15:08	3.406e+04	1.077e+04	3.16	y	n	1.1871
169	1	PCB-4L	15:24	2.331e+04	1.537e+04	1.52	y	n	0.9067
170	2	PCB-15L	21:18	2.687e+04	1.682e+04	1.60	y	n	1.0299
171	2	PCB-19L	18:31	1.362e+04	1.300e+04	1.05	y	n	0.6145
172	3	PCB-37L	28:19	2.337e+04	2.180e+04	1.07	y	n	1.3198
173	2	PCB-54L	21:36	2.019e+04	2.613e+04	0.77	y	n	1.2606
174	4	PCB-81L	35:03	1.544e+04	1.954e+04	0.79	y	n	1.0877
175	4	PCB-77L	35:36	1.502e+04	1.872e+04	0.80	y	n	1.0905
176	3	PCB-104L	27:05	2.944e+04	1.915e+04	1.54	y	n	1.4802
177	5	PCB-123L	37:34	1.932e+04	1.197e+04	1.61	y	n	1.2142
178	5	PCB-118L	37:53	2.000e+04	1.253e+04	1.60	y	n	1.2461
179	5	PCB-114L	38:24	1.846e+04	1.159e+04	1.59	y	n	1.2363
180	5	PCB-105L	39:05	1.892e+04	1.180e+04	1.60	y	n	1.1971
181	5	PCB-126L	42:09	1.640e+04	1.023e+04	1.60	y	n	1.1046
182	4	PCB-155L	32:42	2.740e+04	2.268e+04	1.21	y	n	1.5987
183	6	PCB-167L	43:58	1.061e+04	8.364e+03	1.27	y	n	1.0506
184	6	PCB-156/157L	45:08	1.921e+04	1.519e+04	1.26	y	n	0.9622
185	6	PCB-169L	48:21	7.193e+03	5.763e+03	1.25	y	n	0.8858
186	5	PCB-188L	38:24	1.880e+04	1.805e+04	1.04	y	n	2.4832
187	6	PCB-189L	50:50	5.836e+03	5.505e+03	1.06	y	n	1.5028
188	6	PCB-202L	43:45	9.926e+03	1.083e+04	0.92	y	n	1.7573
189	6	PCB-205L	53:23	5.462e+03	5.983e+03	0.91	y	n	1.3167
190	6	PCB-208L	50:21	6.116e+03	7.820e+03	0.78	y	n	1.4456
191	7	PCB-206L	55:07	3.092e+03	3.973e+03	0.78	y	n	1.1761
192	7	PCB-209L	56:41	5.369e+03	4.498e+03	1.19	y	n	1.6061
193	3	PCB-28L	NotFnd	*	*	*	n	n	1.5382
194	4	PCB-111L	NotFnd	*	*	*	n	n	1.2383
195	5	PCB-178L	NotFnd	*	*	*	n	n	1.3547
196	2	PCB-9L	NotFnd	*	*	*	n	n	-
197	3	PCB-52L	NotFnd	*	*	*	n	n	-
198	4	PCB-101L	NotFnd	*	*	*	n	n	-
199	5	PCB-138L	NotFnd	*	*	*	n	n	-
200	6	PCB-194L	NotFnd	*	*	*	n	n	-

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
PCB-209 INJ

Run #7 Filename U224768#1 Samp: 1 Inj: 1 Acquired: 17-JAN-11 06:05:59

Processed: 18-JAN-11 10:13:36 LAB. ID: DCCS-209

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	*	3.04e+03	*	*	3.28e+03	*
2	PCB-2	1.98e+06	3.04e+03	6.5e+02	6.18e+05	3.28e+03	1.9e+02
3	PCB-3	*	3.04e+03	*	*	3.28e+03	*
4	PCB-4	*	3.44e+03	*	*	1.83e+04	*
5	PCB-10	1.93e+06	3.44e+03	5.6e+02	1.22e+06	1.83e+04	6.7e+01
6	PCB-9	1.59e+06	3.10e+03	5.1e+02	1.03e+06	1.46e+04	7.0e+01
7	PCB-7	1.50e+06	3.10e+03	4.8e+02	9.61e+05	1.46e+04	6.6e+01
8	PCB-6	1.59e+06	3.10e+03	5.1e+02	1.02e+06	1.46e+04	7.0e+01
9	PCB-5	1.38e+06	3.10e+03	4.5e+02	9.07e+05	1.46e+04	6.2e+01
10	PCB-8	1.64e+06	3.10e+03	5.3e+02	1.06e+06	1.46e+04	7.3e+01
11	PCB-14	1.51e+06	3.10e+03	4.9e+02	9.76e+05	1.46e+04	6.7e+01
12	PCB-11	1.43e+06	3.10e+03	4.6e+02	8.94e+05	1.46e+04	6.1e+01
13	PCB-12/13	2.17e+06	3.10e+03	7.0e+02	1.41e+06	1.46e+04	9.7e+01
14	PCB-15	*	3.10e+03	*	*	1.46e+04	*
15	PCB-19	*	1.96e+03	*	*	3.22e+03	*
16	PCB-18/30	1.35e+06	1.96e+03	6.9e+02	1.29e+06	3.22e+03	4.0e+02
17	PCB-17	8.52e+05	1.96e+03	4.3e+02	8.32e+05	3.22e+03	2.6e+02
18	PCB-27	1.16e+06	1.96e+03	5.9e+02	1.14e+06	3.22e+03	3.5e+02
19	PCB-24	1.07e+06	1.96e+03	5.5e+02	1.03e+06	3.22e+03	3.2e+02
20	PCB-16	6.74e+05	1.96e+03	3.4e+02	6.32e+05	3.22e+03	2.0e+02
21	PCB-32	1.22e+06	1.96e+03	6.2e+02	1.19e+06	3.22e+03	3.7e+02
22	PCB-34	1.25e+06	9.28e+03	1.4e+02	1.23e+06	3.16e+04	3.9e+01
23	PCB-23	1.13e+06	9.28e+03	1.2e+02	1.09e+06	3.16e+04	3.4e+01
24	PCB-26/29	2.43e+06	9.28e+03	2.6e+02	2.35e+06	3.16e+04	7.4e+01
25	PCB-25	1.23e+06	9.28e+03	1.3e+02	1.22e+06	3.16e+04	3.9e+01
26	PCB-31	1.31e+06	9.28e+03	1.4e+02	1.27e+06	3.16e+04	4.0e+01
27	PCB-20/28	1.79e+06	9.28e+03	1.9e+02	1.73e+06	3.16e+04	5.5e+01
28	PCB-21/33	1.40e+06	9.28e+03	1.5e+02	1.35e+06	3.16e+04	4.3e+01
29	PCB-22	1.09e+06	9.28e+03	1.2e+02	1.07e+06	3.16e+04	3.4e+01
30	PCB-36	1.19e+06	9.28e+03	1.3e+02	1.14e+06	3.16e+04	3.6e+01
31	PCB-39	1.19e+06	9.28e+03	1.3e+02	1.10e+06	3.16e+04	3.5e+01
32	PCB-38	1.13e+06	9.28e+03	1.2e+02	1.10e+06	3.16e+04	3.5e+01
33	PCB-35	1.13e+06	9.28e+03	1.2e+02	1.09e+06	3.16e+04	3.5e+01
34	PCB-37	*	9.28e+03	*	*	3.16e+04	*
35	PCB-54	*	1.24e+03	*	*	1.63e+03	*
36	PCB-50/53	2.62e+06	2.12e+03	1.2e+03	3.39e+06	1.99e+03	1.7e+03
37	PCB-45/51	1.45e+06	2.12e+03	6.8e+02	1.86e+06	1.99e+03	9.4e+02
38	PCB-46	1.10e+06	2.12e+03	5.2e+02	1.47e+06	1.99e+03	7.4e+02
39	PCB-52	1.34e+06	2.12e+03	6.3e+02	1.74e+06	1.99e+03	8.7e+02
40	PCB-43/73	1.70e+06	2.12e+03	8.0e+02	2.18e+06	1.99e+03	1.1e+03
41	PCB-49/69	1.85e+06	2.12e+03	8.7e+02	2.40e+06	1.99e+03	1.2e+03
42	PCB-48	1.22e+06	2.12e+03	5.8e+02	1.59e+06	1.99e+03	8.0e+02
43	PCB-44/47/65	3.77e+06	2.12e+03	1.8e+03	4.86e+06	1.99e+03	2.4e+03
44	PCB-59/62/75	3.82e+06	2.12e+03	1.8e+03	4.92e+06	1.99e+03	2.5e+03
45	PCB-42	1.20e+06	2.12e+03	5.7e+02	1.51e+06	1.99e+03	7.6e+02
46	PCB-40/41/71	2.62e+06	2.12e+03	1.2e+03	3.36e+06	1.99e+03	1.7e+03
47	PCB-64	1.78e+06	2.12e+03	8.4e+02	2.27e+06	1.99e+03	1.1e+03

48	PCB-72	1.75e+06	2.12e+03	8.3e+02	2.28e+06	1.99e+03	1.1e+03
49	PCB-68	1.69e+06	2.12e+03	8.0e+02	2.16e+06	1.99e+03	1.1e+03
50	PCB-57	1.73e+06	2.12e+03	8.1e+02	2.14e+06	1.99e+03	1.1e+03
51	PCB-58	1.53e+06	2.12e+03	7.2e+02	1.90e+06	1.99e+03	9.6e+02
52	PCB-67	1.77e+06	2.12e+03	8.3e+02	2.28e+06	1.99e+03	1.1e+03
53	PCB-63	1.71e+06	2.12e+03	8.1e+02	2.17e+06	1.99e+03	1.1e+03
54	PCB-61/70/74/76	3.80e+06	2.12e+03	1.8e+03	4.81e+06	1.99e+03	2.4e+03
55	PCB-66	1.68e+06	2.12e+03	7.9e+02	2.19e+06	1.99e+03	1.1e+03
56	PCB-55	1.48e+06	2.12e+03	7.0e+02	1.93e+06	1.99e+03	9.7e+02
57	PCB-56	1.64e+06	7.76e+03	2.1e+02	2.05e+06	1.31e+04	1.6e+02
58	PCB-60	1.56e+06	7.76e+03	2.0e+02	2.01e+06	1.31e+04	1.5e+02
59	PCB-80	1.86e+06	7.76e+03	2.4e+02	2.39e+06	1.31e+04	1.8e+02
60	PCB-79	1.69e+06	7.76e+03	2.2e+02	2.17e+06	1.31e+04	1.7e+02
61	PCB-78	1.56e+06	7.76e+03	2.0e+02	1.96e+06	1.31e+04	1.5e+02
62	PCB-81	*	7.76e+03	*	*	1.31e+04	*
63	PCB-77	*	7.76e+03	*	*	1.31e+04	*
64	PCB-104	*	1.13e+03	*	*	1.49e+03	*
65	PCB-96	2.54e+06	1.13e+03	2.2e+03	1.64e+06	1.49e+03	1.1e+03
66	PCB-103	2.10e+06	1.13e+03	1.9e+03	1.33e+06	1.49e+03	8.9e+02
67	PCB-94	1.63e+06	1.13e+03	1.4e+03	1.05e+06	1.49e+03	7.1e+02
68	PCB-95	1.89e+06	1.13e+03	1.7e+03	1.22e+06	1.49e+03	8.2e+02
69	PCB-93/100	2.75e+06	1.13e+03	2.4e+03	1.81e+06	1.49e+03	1.2e+03
70	PCB-98/102	2.21e+06	1.13e+03	2.0e+03	1.40e+06	1.49e+03	9.4e+02
71	PCB-88/91	1.81e+06	1.13e+03	1.6e+03	1.17e+06	1.49e+03	7.8e+02
72	PCB-84	1.61e+06	1.13e+03	1.4e+03	1.05e+06	1.49e+03	7.1e+02
73	PCB-89	1.67e+06	1.13e+03	1.5e+03	1.09e+06	1.49e+03	7.3e+02
74	PCB-121	2.13e+06	7.93e+03	2.7e+02	1.41e+06	3.61e+03	3.9e+02
75	PCB-92	1.46e+06	7.93e+03	1.8e+02	9.59e+05	3.61e+03	2.7e+02
76	PCB-90/101/113	3.76e+06	7.93e+03	4.7e+02	2.47e+06	3.61e+03	6.8e+02
77	PCB-83/99	1.60e+06	7.93e+03	2.0e+02	1.03e+06	3.61e+03	2.9e+02
78	PCB-112	1.94e+06	7.93e+03	2.5e+02	1.28e+06	3.61e+03	3.5e+02
79	CB-86/87/97/109/119/125	5.17e+06	7.93e+03	6.5e+02	3.32e+06	3.61e+03	9.2e+02
80	PCB-117	1.96e+06	7.93e+03	2.5e+02	1.28e+06	3.61e+03	3.6e+02
81	PCB-85/116	3.19e+06	7.93e+03	4.0e+02	2.08e+06	3.61e+03	5.8e+02
82	PCB-110/115	2.53e+06	7.93e+03	3.2e+02	1.67e+06	3.61e+03	4.6e+02
83	PCB-82	1.20e+06	7.93e+03	1.5e+02	7.60e+05	3.61e+03	2.1e+02
84	PCB-111	1.76e+06	7.93e+03	2.2e+02	1.16e+06	3.61e+03	3.2e+02
85	PCB-120	1.90e+06	7.93e+03	2.4e+02	1.22e+06	3.61e+03	3.4e+02
86	PCB-108/124	3.48e+06	4.99e+03	7.0e+02	2.13e+06	6.07e+04	3.5e+01
87	PCB-107	1.85e+06	4.99e+03	3.7e+02	1.17e+06	6.07e+04	1.9e+01
88	PCB-123	*	4.99e+03	*	*	6.07e+04	*
89	PCB-106	1.77e+06	4.99e+03	3.5e+02	1.16e+06	6.07e+04	1.9e+01
90	PCB-118	*	4.99e+03	*	*	6.07e+04	*
91	PCB-122	1.63e+06	4.99e+03	3.3e+02	1.02e+06	6.07e+04	1.7e+01
92	PCB-114	*	4.99e+03	*	*	6.07e+04	*
93	PCB-105	*	4.99e+03	*	*	6.07e+04	*
94	PCB-127	1.54e+06	4.99e+03	3.1e+02	9.49e+05	6.07e+04	1.6e+01
95	PCB-126	*	4.99e+03	*	*	6.07e+04	*
96	PCB-155	*	4.04e+03	*	*	1.81e+03	*
97	PCB-152	2.21e+06	4.04e+03	5.5e+02	1.83e+06	1.81e+03	1.0e+03
98	PCB-150	1.99e+06	4.04e+03	4.9e+02	1.66e+06	1.81e+03	9.2e+02
99	PCB-136	2.07e+06	4.04e+03	5.1e+02	1.72e+06	1.81e+03	9.5e+02
100	PCB-145	1.92e+06	4.04e+03	4.7e+02	1.59e+06	1.81e+03	8.8e+02
101	PCB-148	1.50e+06	4.04e+03	3.7e+02	1.23e+06	1.81e+03	6.8e+02
102	PCB-135/151	1.59e+06	4.04e+03	3.9e+02	1.35e+06	1.81e+03	7.4e+02
103	PCB-154	1.65e+06	4.04e+03	4.1e+02	1.37e+06	1.81e+03	7.5e+02
104	PCB-144	1.49e+06	4.04e+03	3.7e+02	1.21e+06	1.81e+03	6.7e+02

105	PCB-147/149	2.37e+06	8.20e+03	2.9e+02	1.88e+06	7.83e+03	2.4e+02
106	PCB-134	1.01e+06	8.20e+03	1.2e+02	8.15e+05	7.83e+03	1.0e+02
107	PCB-143	1.16e+06	8.20e+03	1.4e+02	9.35e+05	7.83e+03	1.2e+02
108	PCB-139/140	2.09e+06	8.20e+03	2.5e+02	1.65e+06	7.83e+03	2.1e+02
109	PCB-131	1.00e+06	8.20e+03	1.2e+02	8.11e+05	7.83e+03	1.0e+02
110	PCB-142	1.02e+06	8.20e+03	1.2e+02	8.08e+05	7.83e+03	1.0e+02
111	PCB-132	9.37e+05	8.20e+03	1.1e+02	7.33e+05	7.83e+03	9.4e+01
112	PCB-133	1.03e+06	8.20e+03	1.3e+02	8.06e+05	7.83e+03	1.0e+02
113	PCB-165	1.25e+06	8.20e+03	1.5e+02	1.04e+06	7.83e+03	1.3e+02
114	PCB-146	1.21e+06	8.20e+03	1.5e+02	1.00e+06	7.83e+03	1.3e+02
115	PCB-161	1.42e+06	8.20e+03	1.7e+02	1.15e+06	7.83e+03	1.5e+02
116	PCB-153/168	2.03e+06	8.20e+03	2.5e+02	1.62e+06	7.83e+03	2.1e+02
117	PCB-141	1.05e+06	8.20e+03	1.3e+02	8.38e+05	7.83e+03	1.1e+02
118	PCB-130	9.10e+05	8.20e+03	1.1e+02	7.21e+05	7.83e+03	9.2e+01
119	PCB-137	9.69e+05	8.20e+03	1.2e+02	7.45e+05	7.83e+03	9.5e+01
120	PCB-164	1.29e+06	8.20e+03	1.6e+02	1.04e+06	7.83e+03	1.3e+02
121	PCB-129/138/163	2.47e+06	8.20e+03	3.0e+02	1.98e+06	7.83e+03	2.5e+02
122	PCB-160	1.24e+06	8.20e+03	1.5e+02	9.94e+05	7.83e+03	1.3e+02
123	PCB-158	1.36e+06	8.20e+03	1.7e+02	1.10e+06	7.83e+03	1.4e+02
124	PCB-128/166	1.57e+06	8.20e+03	1.9e+02	1.26e+06	7.83e+03	1.6e+02
125	PCB-159	1.21e+06	7.25e+03	1.7e+02	9.57e+05	5.88e+03	1.6e+02
126	PCB-162	1.10e+06	7.25e+03	1.5e+02	9.02e+05	5.88e+03	1.5e+02
127	PCB-167	*	7.25e+03	*	*	5.88e+03	*
128	PCB-156/157	*	7.25e+03	*	*	5.88e+03	*
129	PCB-169	*	7.25e+03	*	*	5.88e+03	*
130	PCB-188	*	1.34e+03	*	*	8.08e+02	*
131	PCB-179	1.48e+06	1.34e+03	1.1e+03	1.41e+06	8.08e+02	1.7e+03
132	PCB-184	1.41e+06	1.34e+03	1.1e+03	1.40e+06	8.08e+02	1.7e+03
133	PCB-176	1.41e+06	1.34e+03	1.1e+03	1.39e+06	8.08e+02	1.7e+03
134	PCB-186	1.30e+06	1.34e+03	9.7e+02	1.26e+06	8.08e+02	1.6e+03
135	PCB-178	9.16e+05	1.34e+03	6.9e+02	9.05e+05	8.08e+02	1.1e+03
136	PCB-175	9.52e+05	1.34e+03	7.1e+02	9.40e+05	8.08e+02	1.2e+03
137	PCB-187	1.18e+06	1.34e+03	8.8e+02	1.15e+06	8.08e+02	1.4e+03
138	PCB-182	9.70e+05	1.34e+03	7.3e+02	9.57e+05	8.08e+02	1.2e+03
139	PCB-183	8.53e+05	2.51e+03	3.4e+02	8.02e+05	1.28e+03	6.2e+02
140	PCB-185	6.86e+05	2.51e+03	2.7e+02	6.50e+05	1.28e+03	5.1e+02
141	PCB-174	7.18e+05	2.51e+03	2.9e+02	7.09e+05	1.28e+03	5.5e+02
142	PCB-177	6.57e+05	2.51e+03	2.6e+02	6.30e+05	1.28e+03	4.9e+02
143	PCB-181	7.13e+05	2.51e+03	2.8e+02	6.41e+05	1.28e+03	5.0e+02
144	PCB-171/173	1.19e+06	2.51e+03	4.8e+02	1.15e+06	1.28e+03	9.0e+02
145	PCB-172	5.73e+05	2.51e+03	2.3e+02	5.52e+05	1.28e+03	4.3e+02
146	PCB-192	6.66e+05	2.51e+03	2.7e+02	6.60e+05	1.28e+03	5.1e+02
147	PCB-180/193	1.03e+06	2.51e+03	4.1e+02	9.95e+05	1.28e+03	7.7e+02
148	PCB-191	7.11e+05	2.51e+03	2.8e+02	6.60e+05	1.28e+03	5.1e+02
149	PCB-170	4.88e+05	2.51e+03	1.9e+02	4.68e+05	1.28e+03	3.6e+02
150	PCB-190	6.48e+05	2.51e+03	2.6e+02	6.36e+05	1.28e+03	5.0e+02
151	PCB-189	*	2.51e+03	*	*	1.28e+03	*
152	PCB-202	*	1.18e+03	*	*	1.20e+03	*
153	PCB-201	1.30e+06	1.18e+03	1.1e+03	1.46e+06	1.20e+03	1.2e+03
154	PCB-204	1.17e+06	1.18e+03	9.9e+02	1.34e+06	1.20e+03	1.1e+03
155	PCB-197	1.23e+06	1.18e+03	1.0e+03	1.34e+06	1.20e+03	1.1e+03
156	PCB-200	1.22e+06	1.18e+03	1.0e+03	1.41e+06	1.20e+03	1.2e+03
157	PCB-198/199	9.56e+05	1.18e+03	8.1e+02	1.11e+06	1.20e+03	9.2e+02
158	PCB-196	6.97e+05	1.18e+03	5.9e+02	8.09e+05	1.20e+03	6.7e+02
159	PCB-203	6.96e+05	1.18e+03	5.9e+02	8.01e+05	1.20e+03	6.7e+02
160	PCB-195	6.27e+05	1.18e+03	5.3e+02	6.91e+05	1.20e+03	5.7e+02
161	PCB-194	5.94e+05	1.18e+03	5.0e+02	6.68e+05	1.20e+03	5.6e+02
162	PCB-205	*	1.18e+03	*	*	1.20e+03	*

Run #7

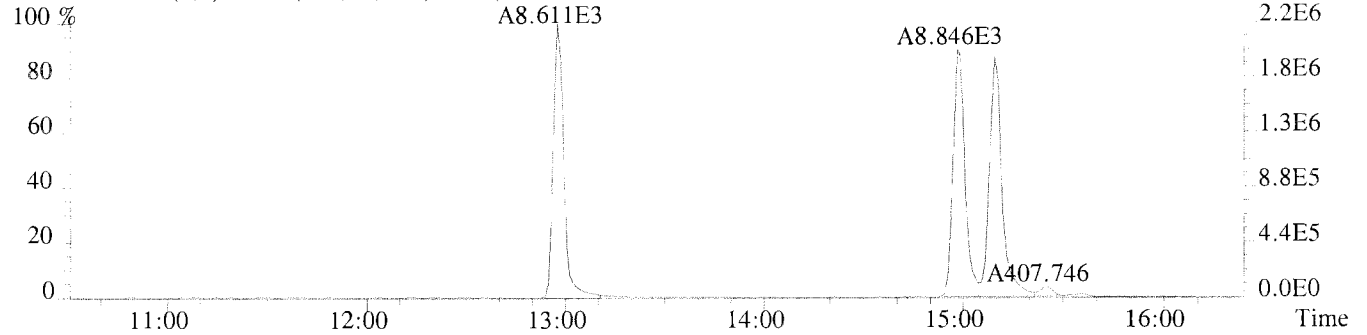
Filename U224768#1 Samp: 1

Acquired: 17-JAN-11 06:05:59

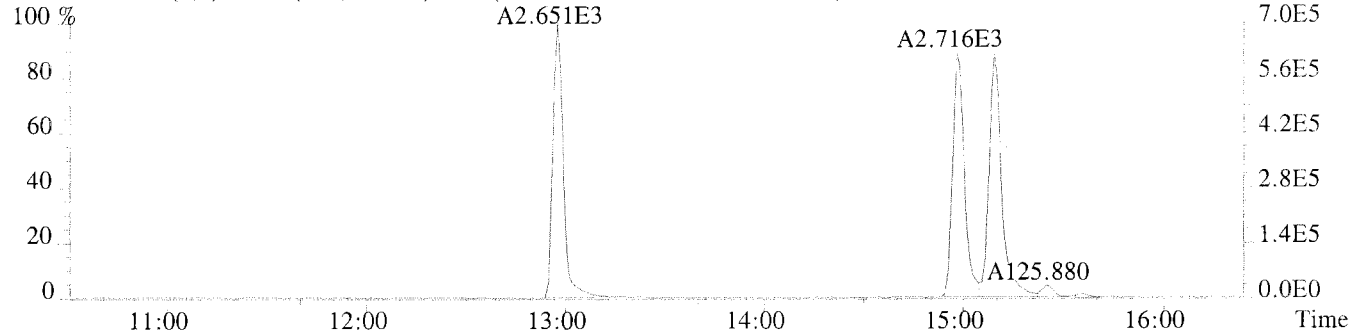
163	PCB-208	*	1.50e+03	*	*	1.66e+03	*
164	PCB-207	8.20e+05	1.50e+03	5.5e+02	1.05e+06	1.66e+03	6.3e+02
165	PCB-206	*	1.32e+03	*	*	1.12e+03	*
166	PCB-209	*	9.32e+02	*	*	1.30e+03	*
167	PCB-11L	8.25e+06	3.44e+03	2.4e+03	2.68e+06	2.83e+04	9.5e+01
168	PCB-3L	7.34e+06	3.44e+03	2.1e+03	2.33e+06	2.83e+04	8.2e+01
169	PCB-4L	5.62e+06	4.64e+03	1.2e+03	3.67e+06	2.99e+03	1.2e+03
170	PCB-15L	5.59e+06	6.08e+03	9.2e+02	3.47e+06	1.82e+03	1.9e+03
171	PCB-19L	3.39e+06	2.00e+04	1.7e+02	3.24e+06	9.48e+03	3.4e+02
172	PCB-37L	4.24e+06	2.98e+04	1.4e+02	3.94e+06	1.21e+04	3.2e+02
173	PCB-54L	4.59e+06	4.77e+03	9.6e+02	5.98e+06	1.50e+03	4.0e+03
174	PCB-81L	2.68e+06	3.38e+03	7.9e+02	3.36e+06	1.96e+03	1.7e+03
175	PCB-77L	2.58e+06	3.38e+03	7.6e+02	3.18e+06	1.96e+03	1.6e+03
176	PCB-104L	5.87e+06	1.40e+03	4.2e+03	3.80e+06	1.84e+03	2.1e+03
177	PCB-123L	3.44e+06	5.87e+03	5.9e+02	2.13e+06	2.58e+03	8.3e+02
178	PCB-118L	3.60e+06	5.87e+03	6.1e+02	2.25e+06	2.58e+03	8.7e+02
179	PCB-114L	3.25e+06	5.87e+03	5.5e+02	2.04e+06	2.58e+03	7.9e+02
180	PCB-105L	3.26e+06	5.87e+03	5.6e+02	2.04e+06	2.58e+03	7.9e+02
181	PCB-126L	2.64e+06	5.87e+03	4.5e+02	1.64e+06	2.58e+03	6.4e+02
182	PCB-155L	5.34e+06	2.18e+03	2.4e+03	4.41e+06	2.15e+03	2.1e+03
183	PCB-167L	2.25e+06	1.87e+03	1.2e+03	1.79e+06	2.08e+03	8.6e+02
184	PCB-156/157L	2.82e+06	1.87e+03	1.5e+03	2.25e+06	2.08e+03	1.1e+03
185	PCB-169L	1.42e+06	1.87e+03	7.6e+02	1.14e+06	2.08e+03	5.5e+02
186	PCB-188L	3.48e+06	1.92e+03	1.8e+03	3.29e+06	1.38e+03	2.4e+03
187	PCB-189L	1.18e+06	2.03e+03	5.8e+02	1.15e+06	1.63e+03	7.1e+02
188	PCB-202L	2.16e+06	1.67e+03	1.3e+03	2.34e+06	1.75e+03	1.3e+03
189	PCB-205L	1.15e+06	1.67e+03	6.9e+02	1.28e+06	1.75e+03	7.3e+02
190	PCB-208L	1.35e+06	1.68e+03	8.0e+02	1.70e+06	1.66e+03	1.0e+03
191	PCB-206L	5.77e+05	1.15e+03	5.0e+02	7.43e+05	8.72e+02	8.5e+02
192	PCB-209L	1.05e+06	1.36e+03	7.7e+02	8.66e+05	9.60e+02	9.0e+02
193	PCB-28L	*	2.98e+04	*	*	1.21e+04	*
194	PCB-111L	*	1.97e+03	*	*	1.54e+03	*
195	PCB-178L	*	1.92e+03	*	*	1.38e+03	*
196	PCB-9L	*	6.08e+03	*	*	1.82e+03	*
197	PCB-52L	*	3.82e+03	*	*	1.59e+03	*
198	PCB-101L	*	1.97e+03	*	*	1.54e+03	*
199	PCB-138L	*	9.84e+02	*	*	1.43e+03	*
200	PCB-194L	*	1.67e+03	*	*	1.75e+03	*

Sample#1 Exp:PCB 209 INJECTION

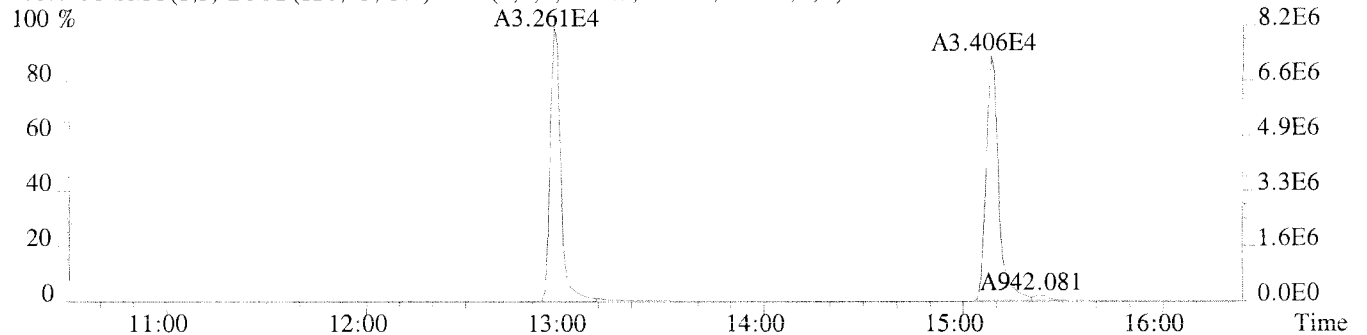
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3036.0,1.00%,F,T)



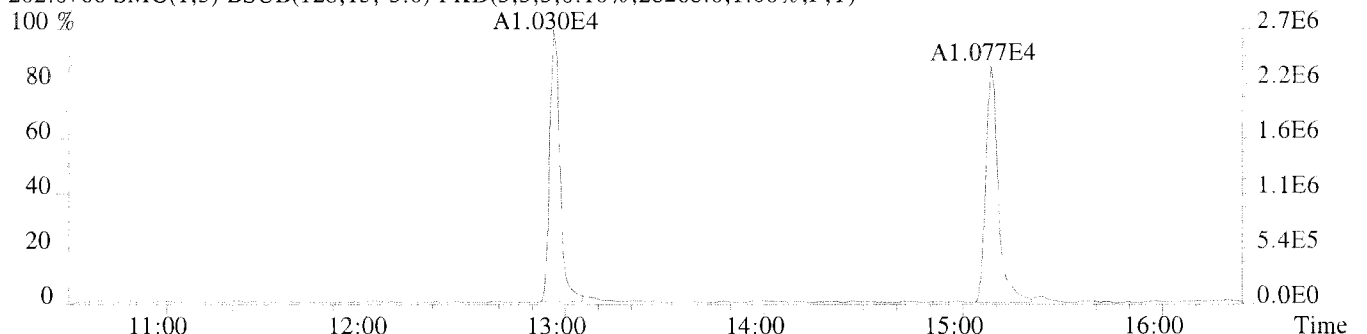
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3284.0,1.00%,F,T)



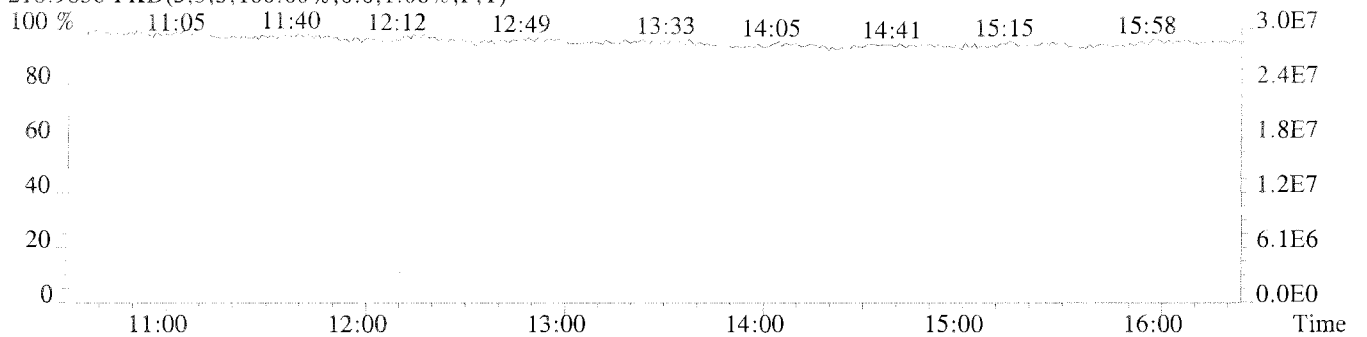
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3444.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,28268.0,1.00%,F,T)



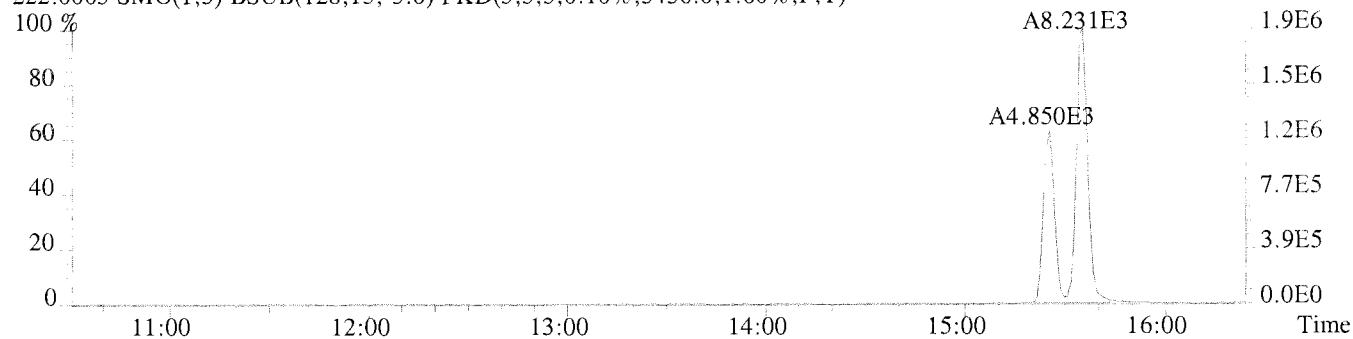
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



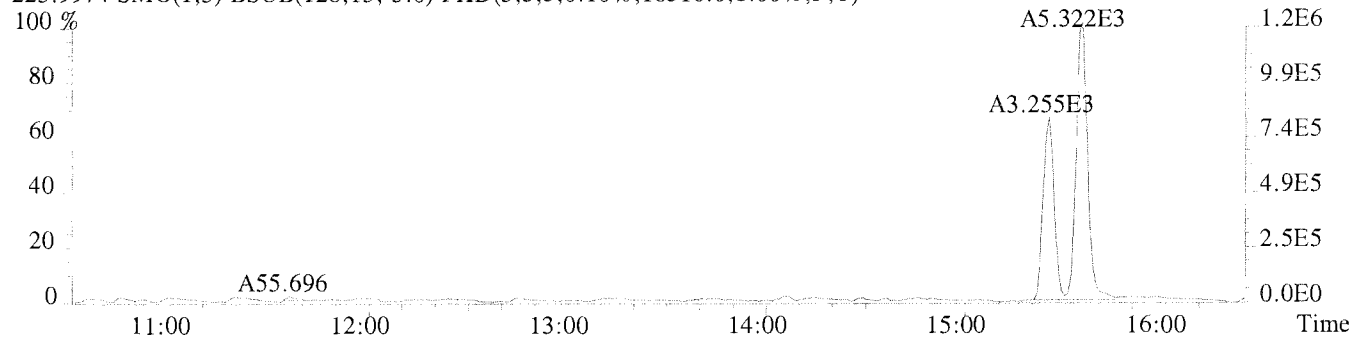
File:U224768 #1-379 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

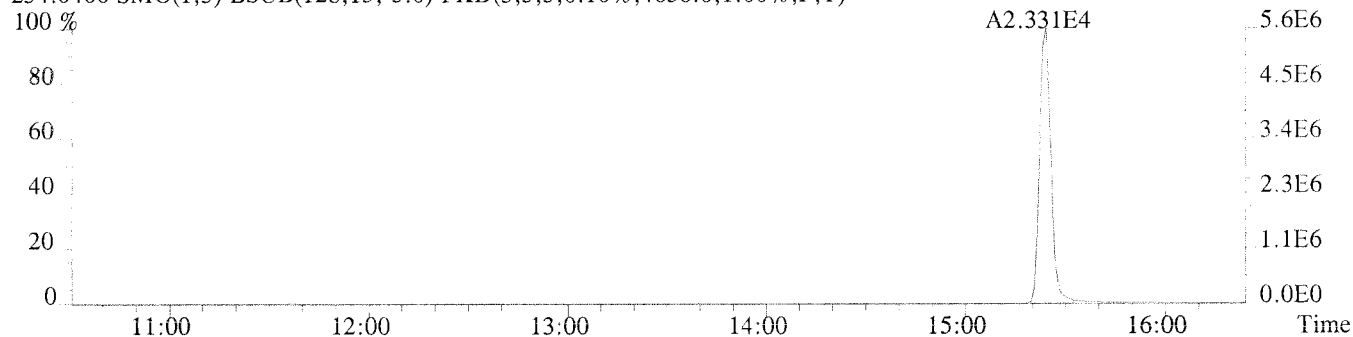
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3436.0,1.00%,F,T)



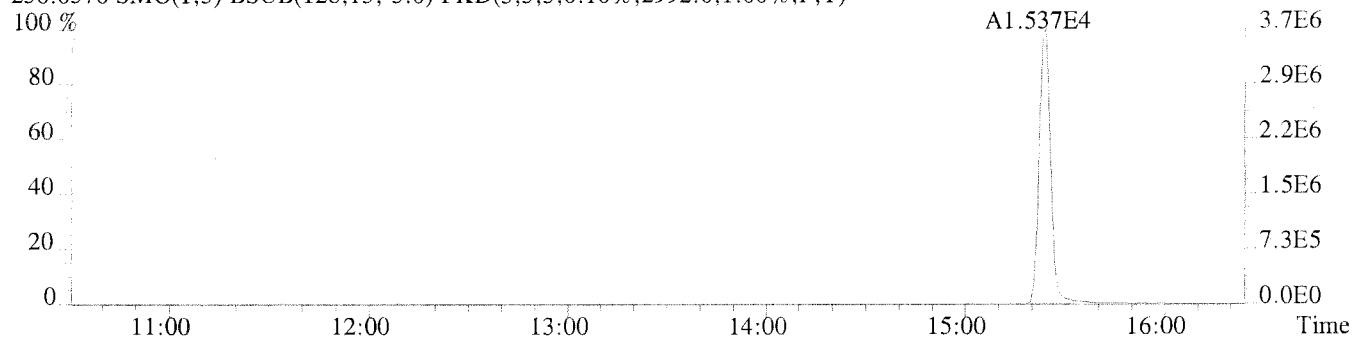
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,18316.0,1.00%,F,T)



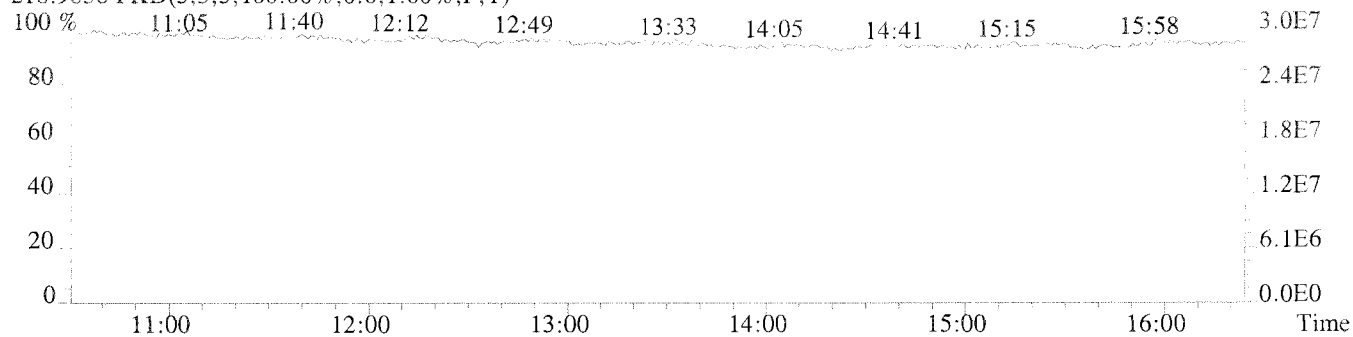
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4636.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2992.0,1.00%,F,T)

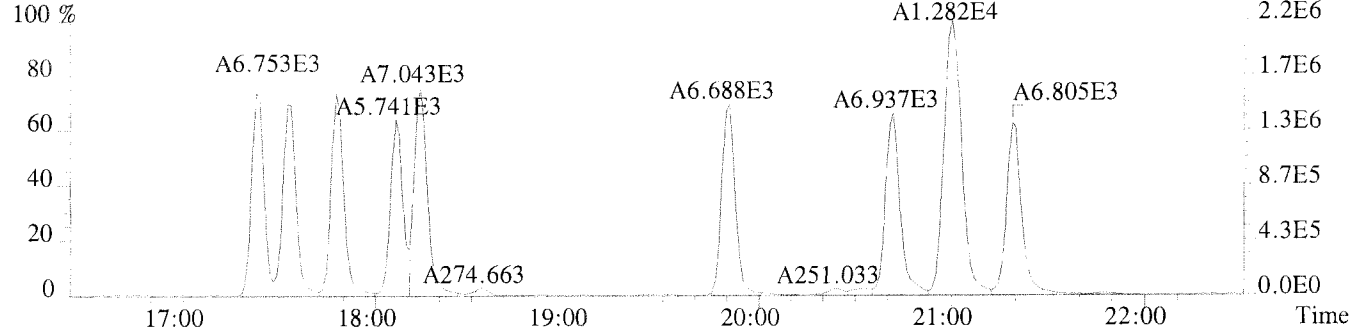


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

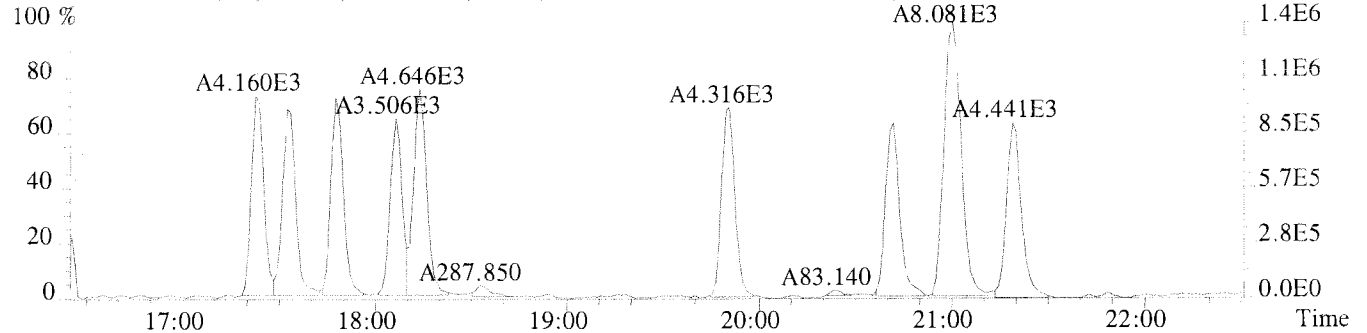


Sample#1 Exp:PCB 209 INJECTION

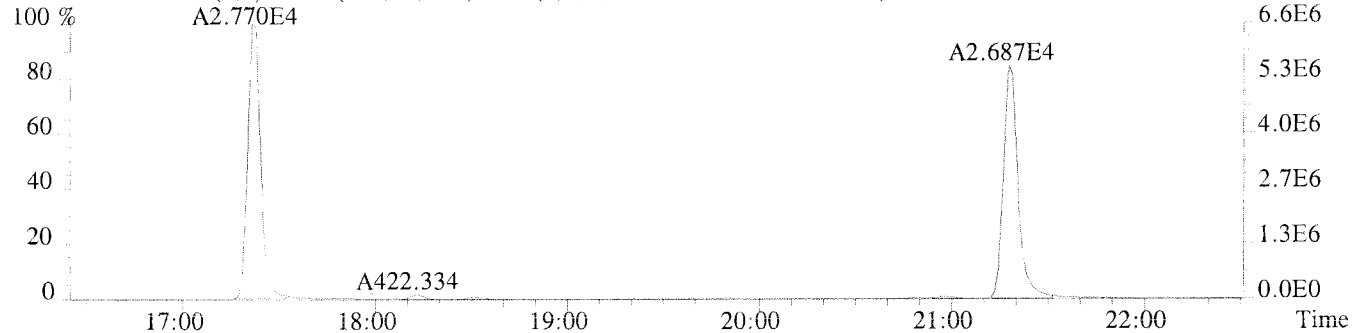
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3100.0,1.00%,F,T)



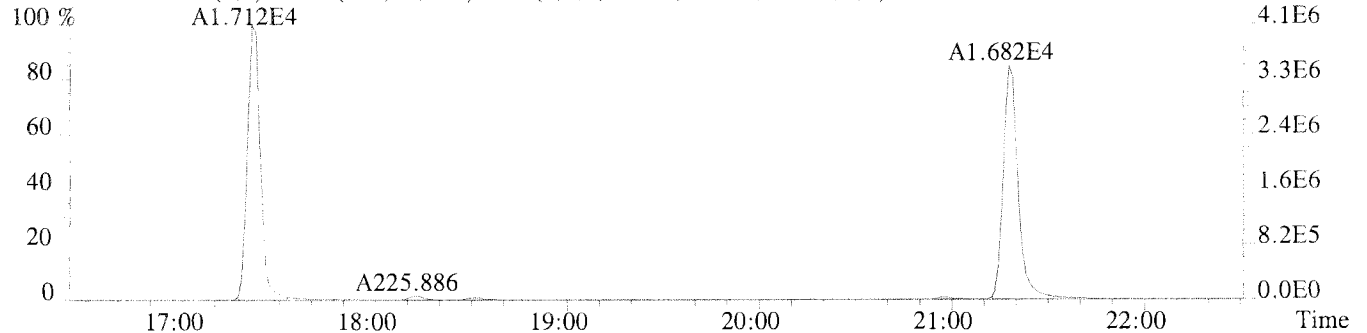
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14588.0,1.00%,F,T)



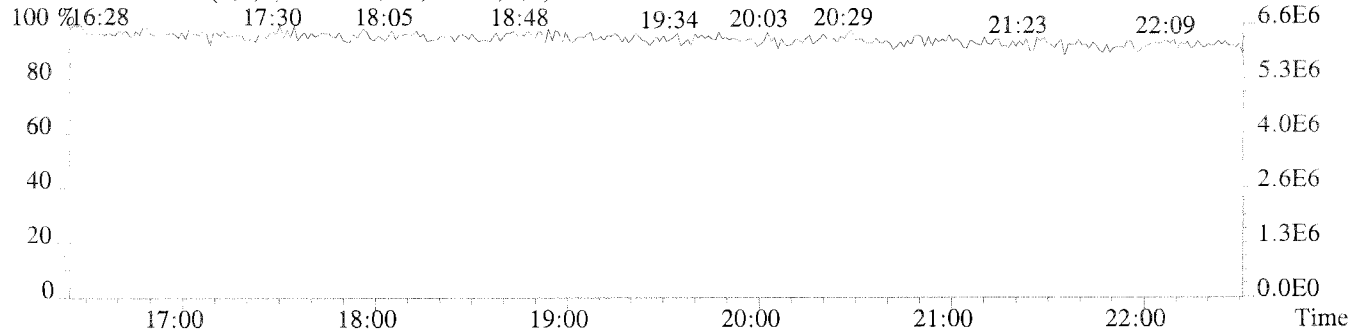
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6076.0,1.00%,F,T)



236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1816.0,1.00%,F,T)

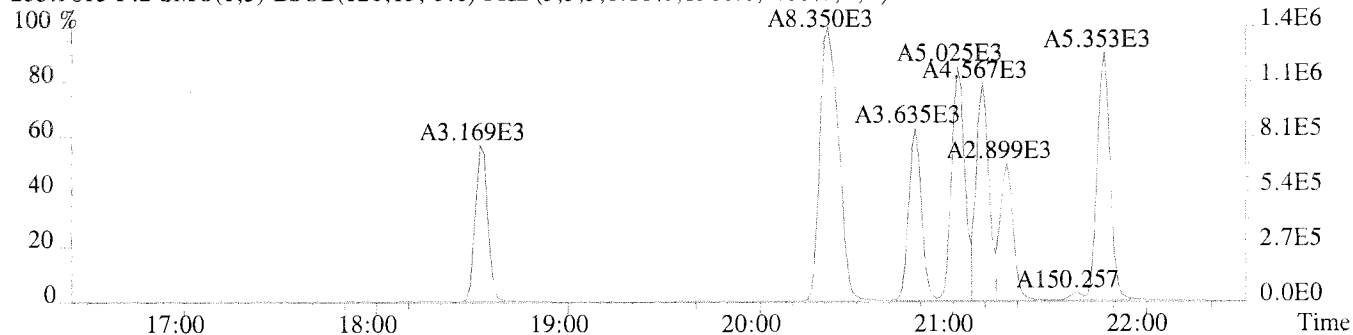


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

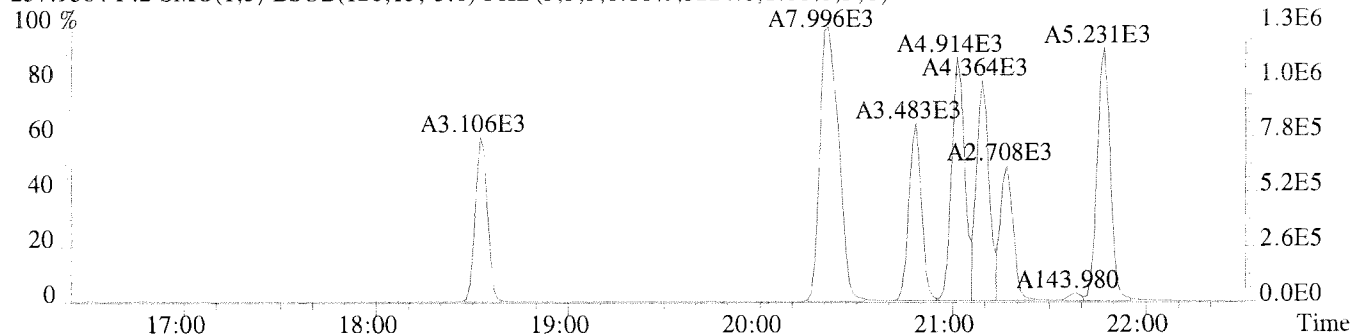


Sample#1 Exp:PCB 209 INJECTION

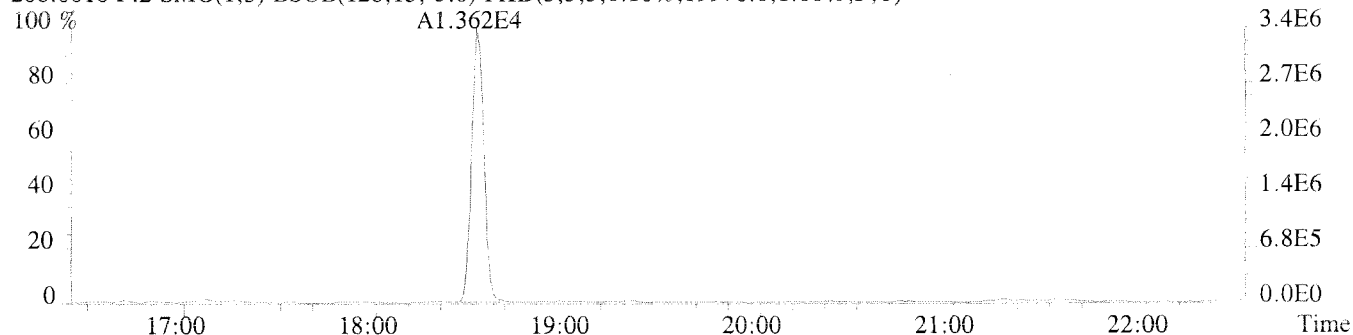
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1960.0,1.00%,F,T)



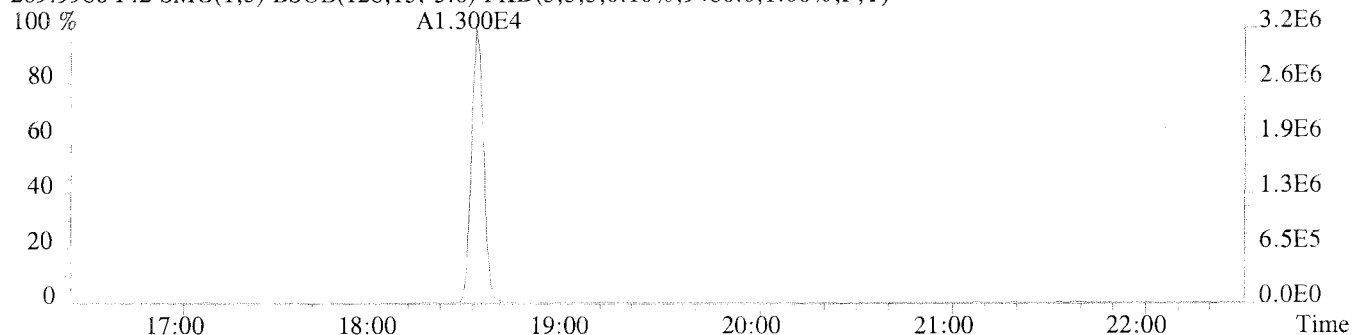
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3224.0,1.00%,F,T)



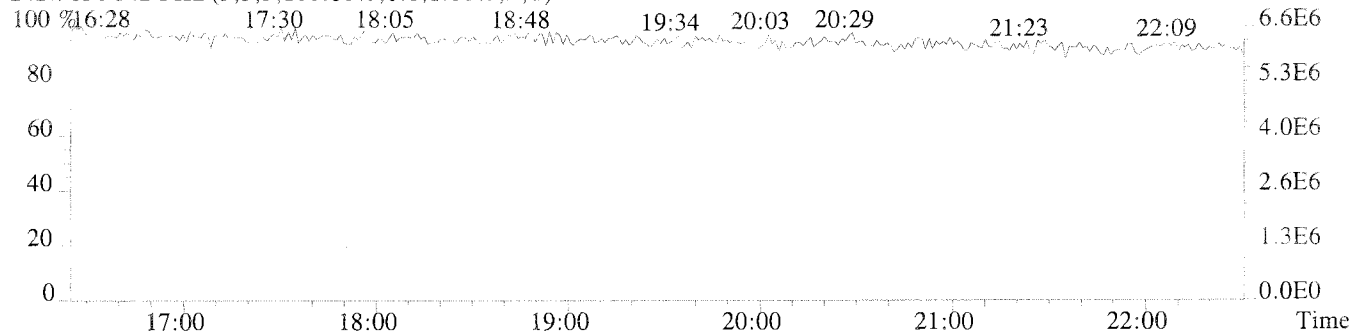
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,19976.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9480.0,1.00%,F,T)



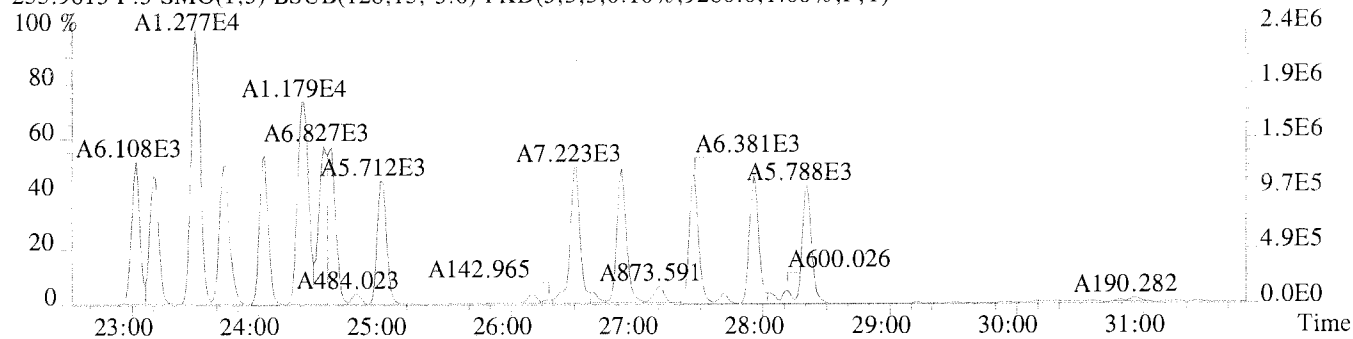
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



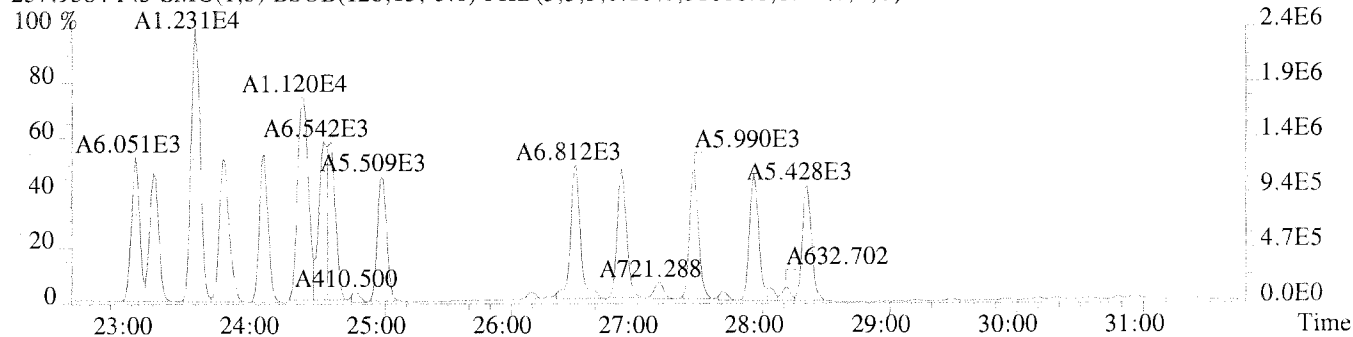
File:U224768 #1-594 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

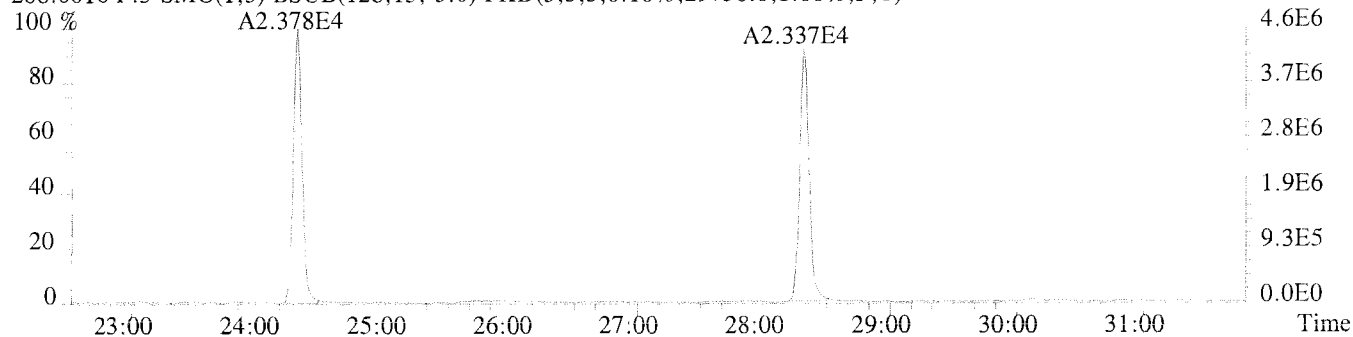
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9280.0,1.00%,F,T)



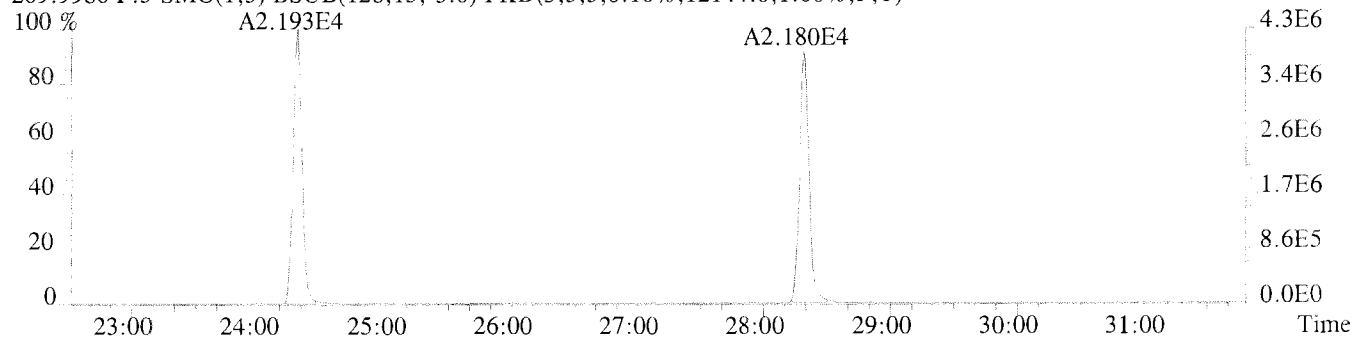
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,31608.0,1.00%,F,T)



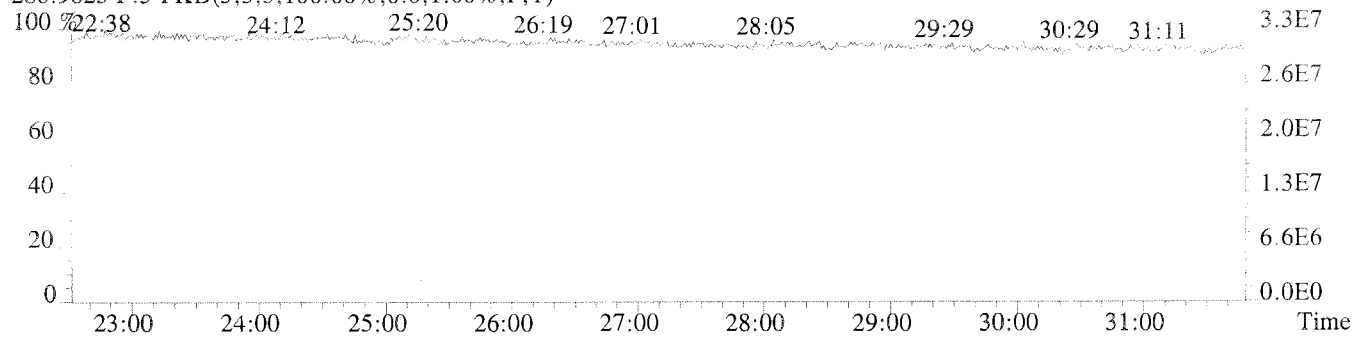
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,29756.0,1.00%,F,T)



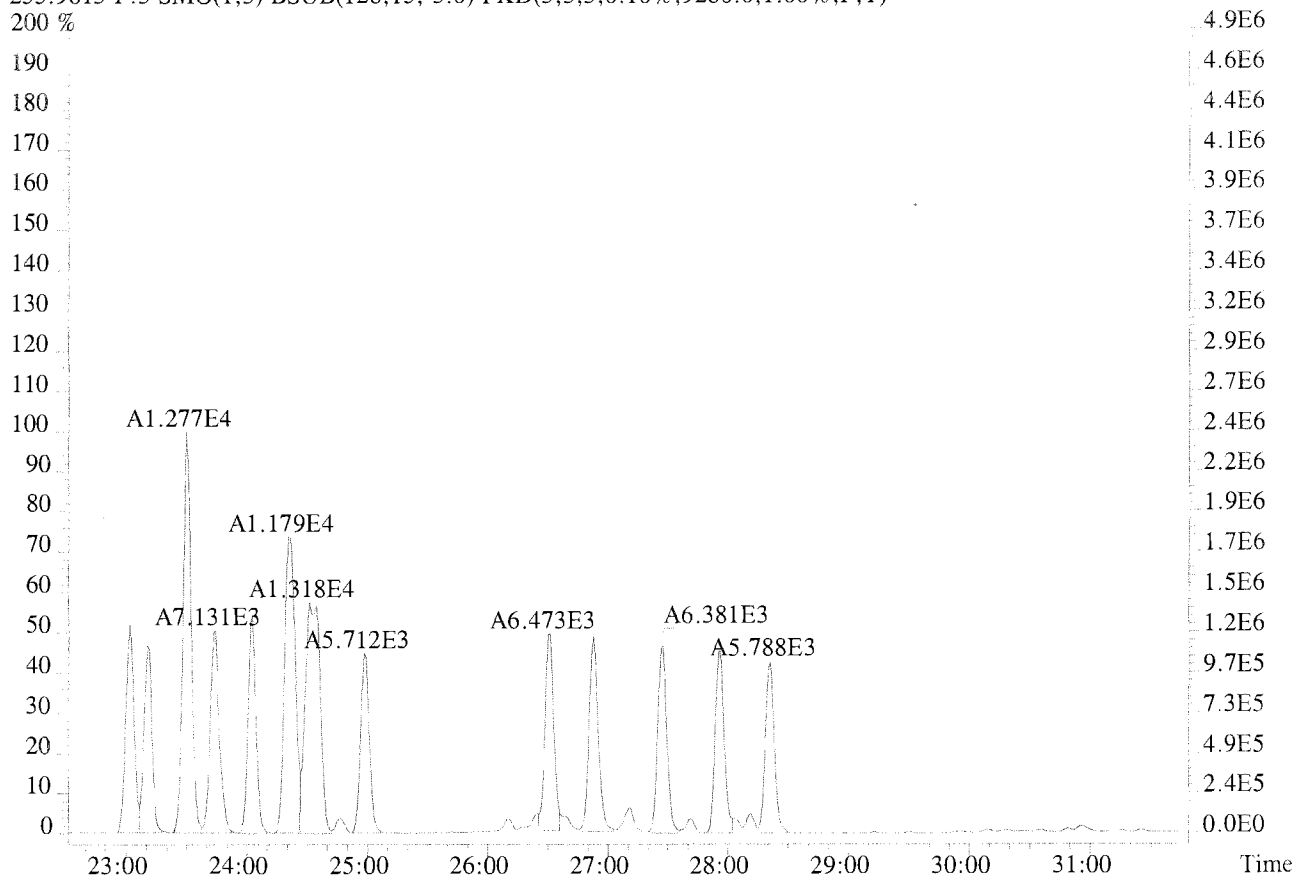
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12144.0,1.00%,F,T)



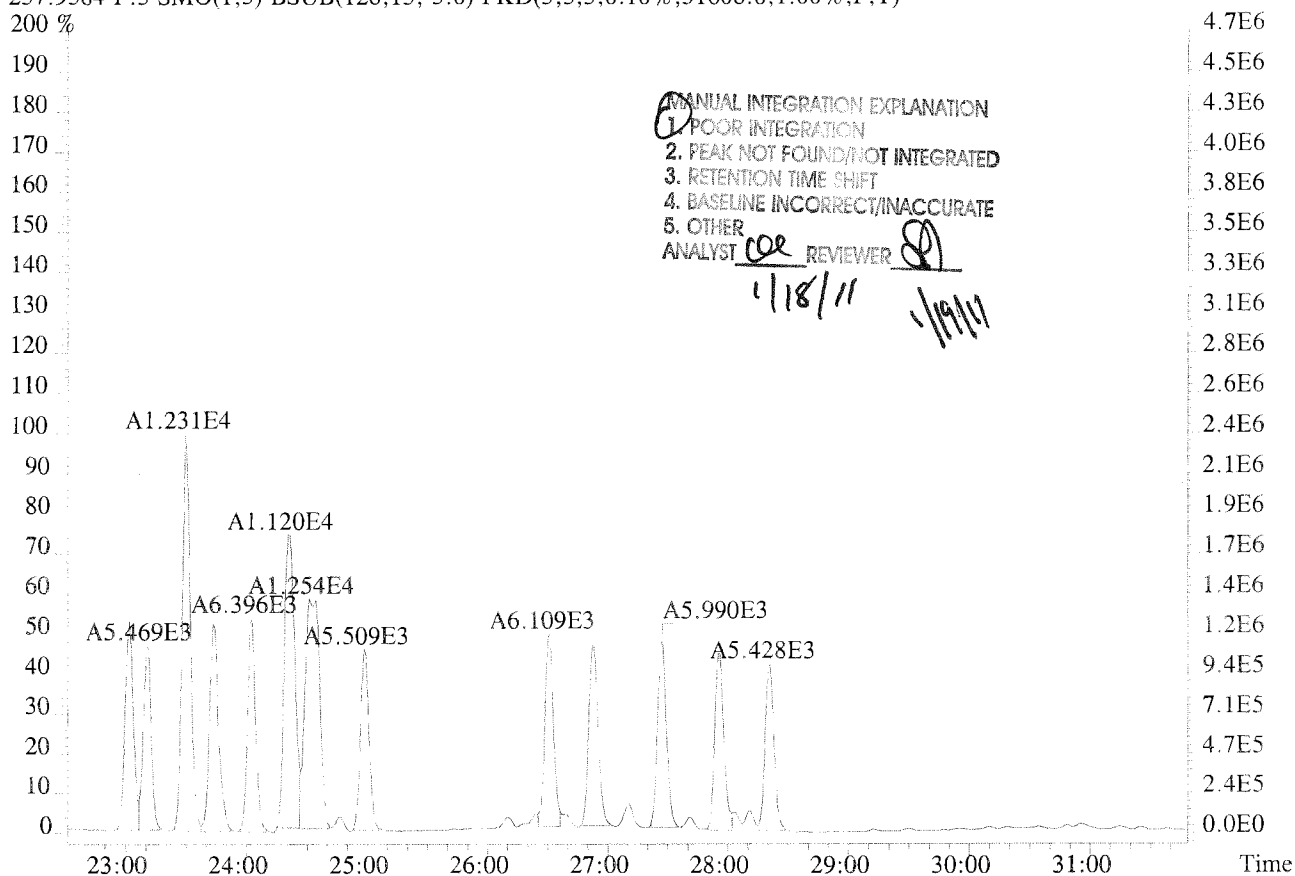
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224768 #1-594 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:PCB 209 INJECTION
 255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9280.0,1.00%,F,T)

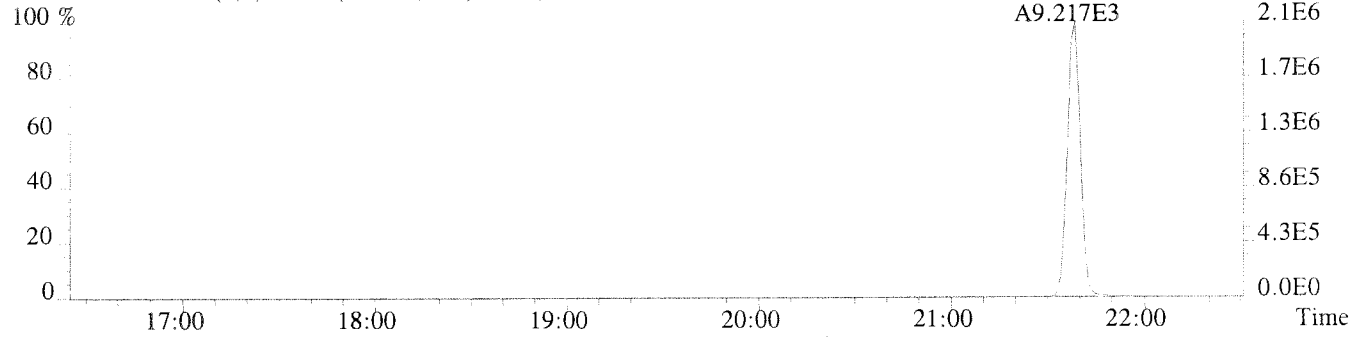


257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,31608.0,1.00%,F,T)

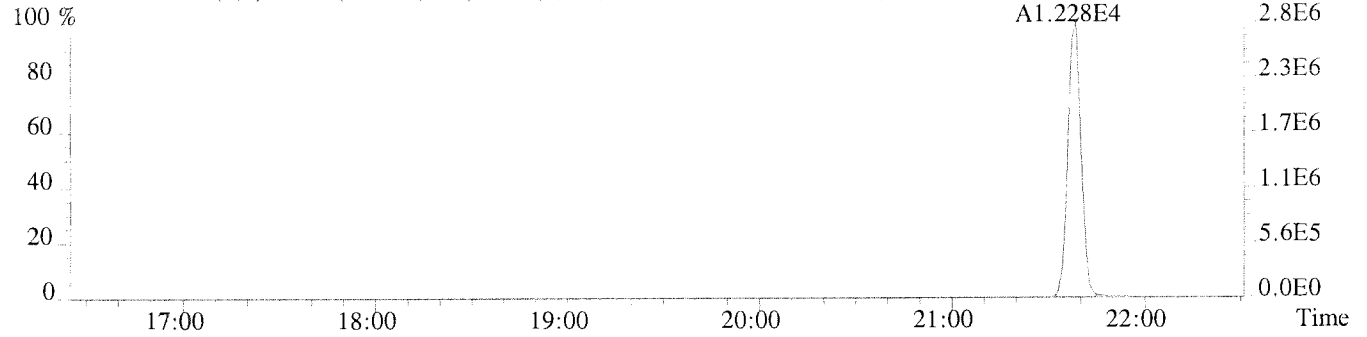


Sample#1 Exp:PCB 209 INJECTION

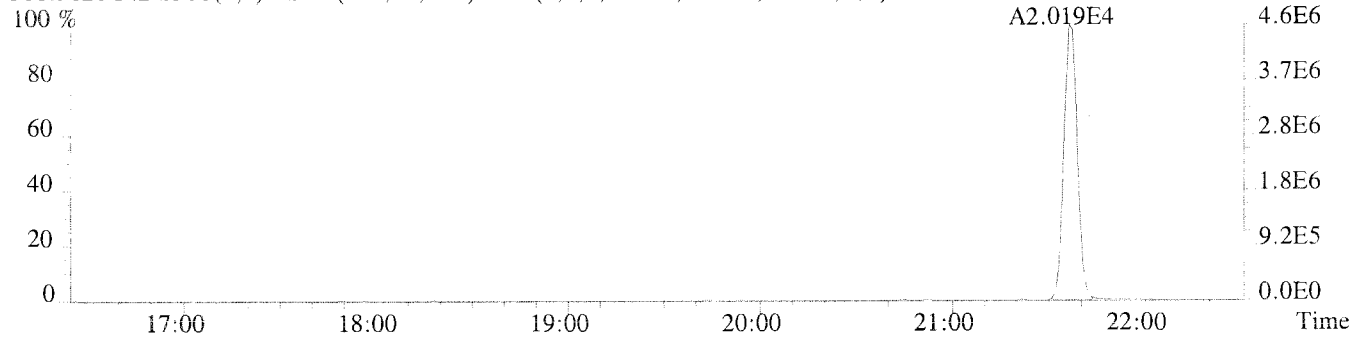
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1236.0,1.00%,F,T)



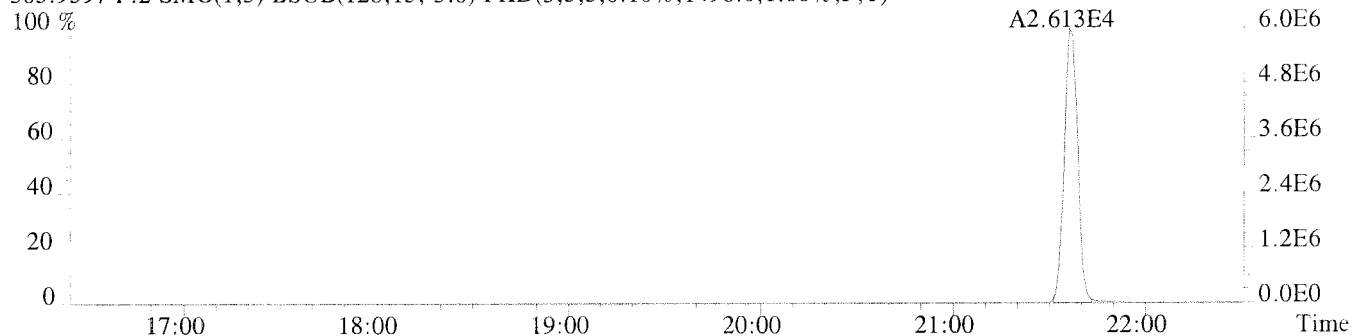
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1628.0,1.00%,F,T)



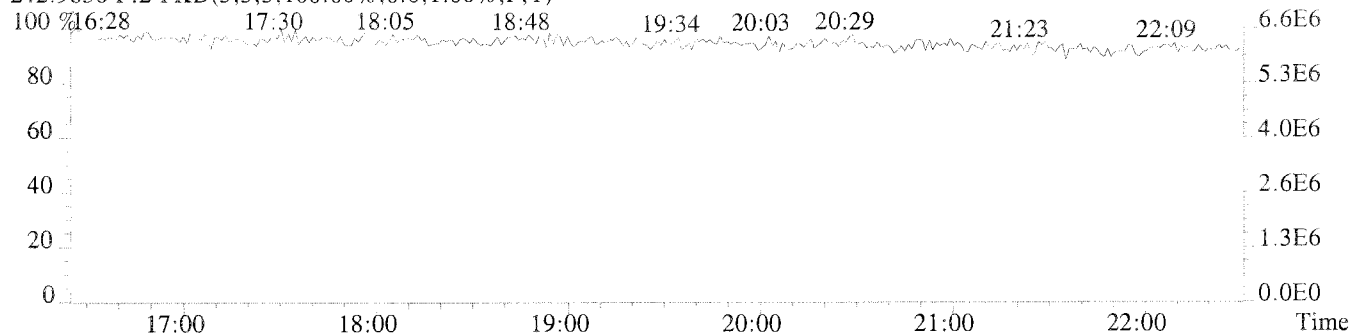
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4772.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1496.0,1.00%,F,T)

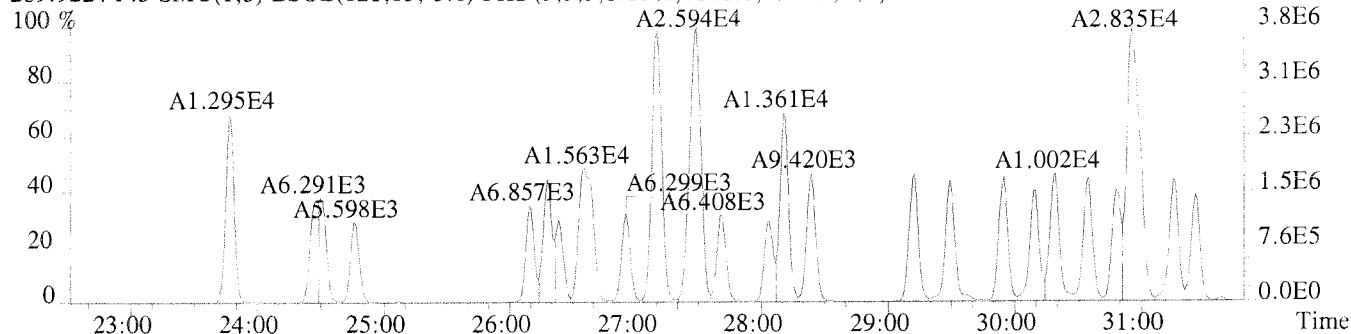


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

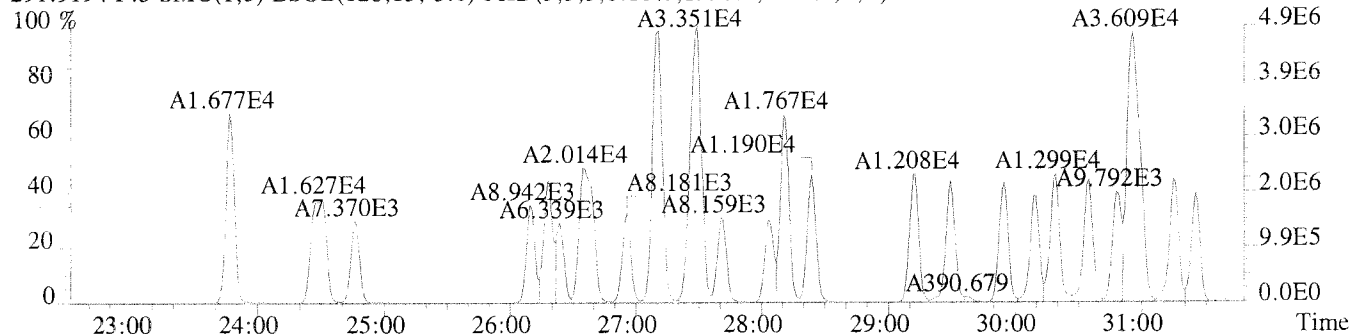


Sample#1 Exp:PCB 209 INJECTION

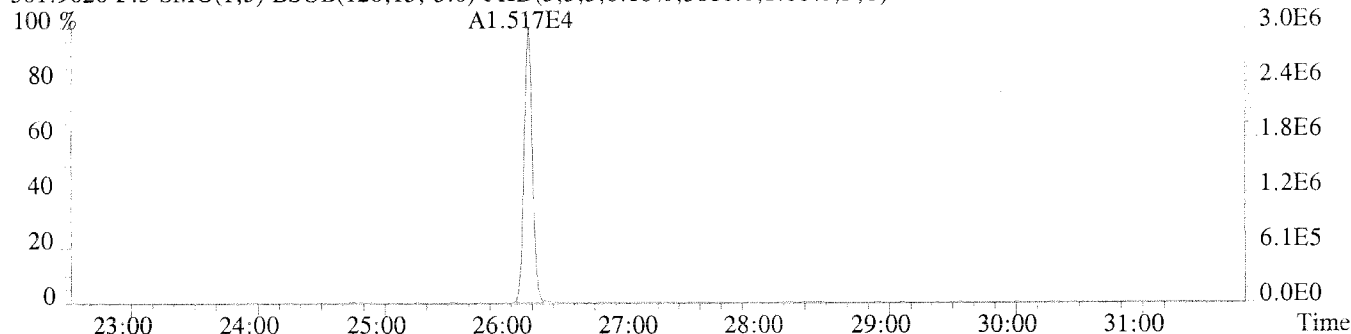
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2120.0,1.00%,F,T)



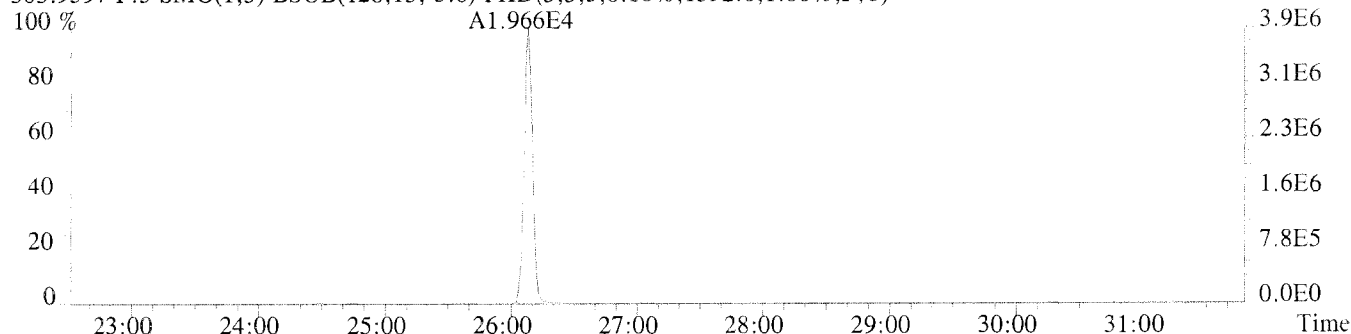
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1992.0,1.00%,F,T)



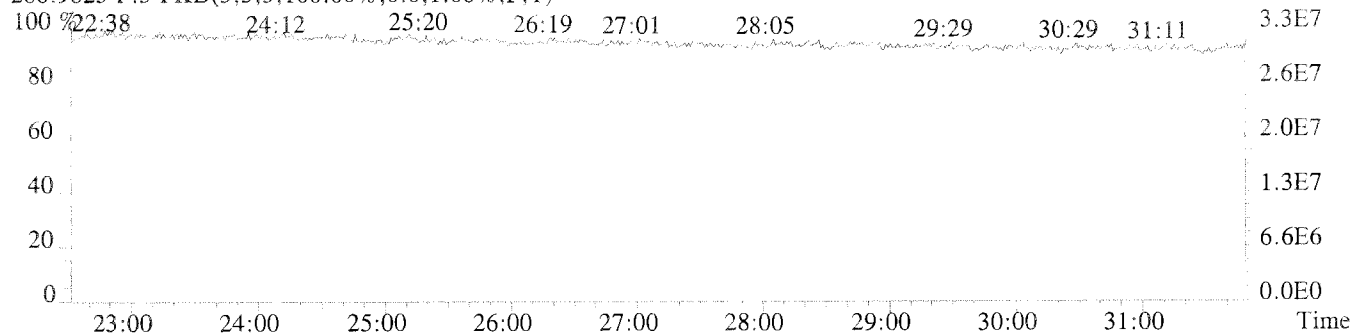
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3816.0,1.00%,F,T)



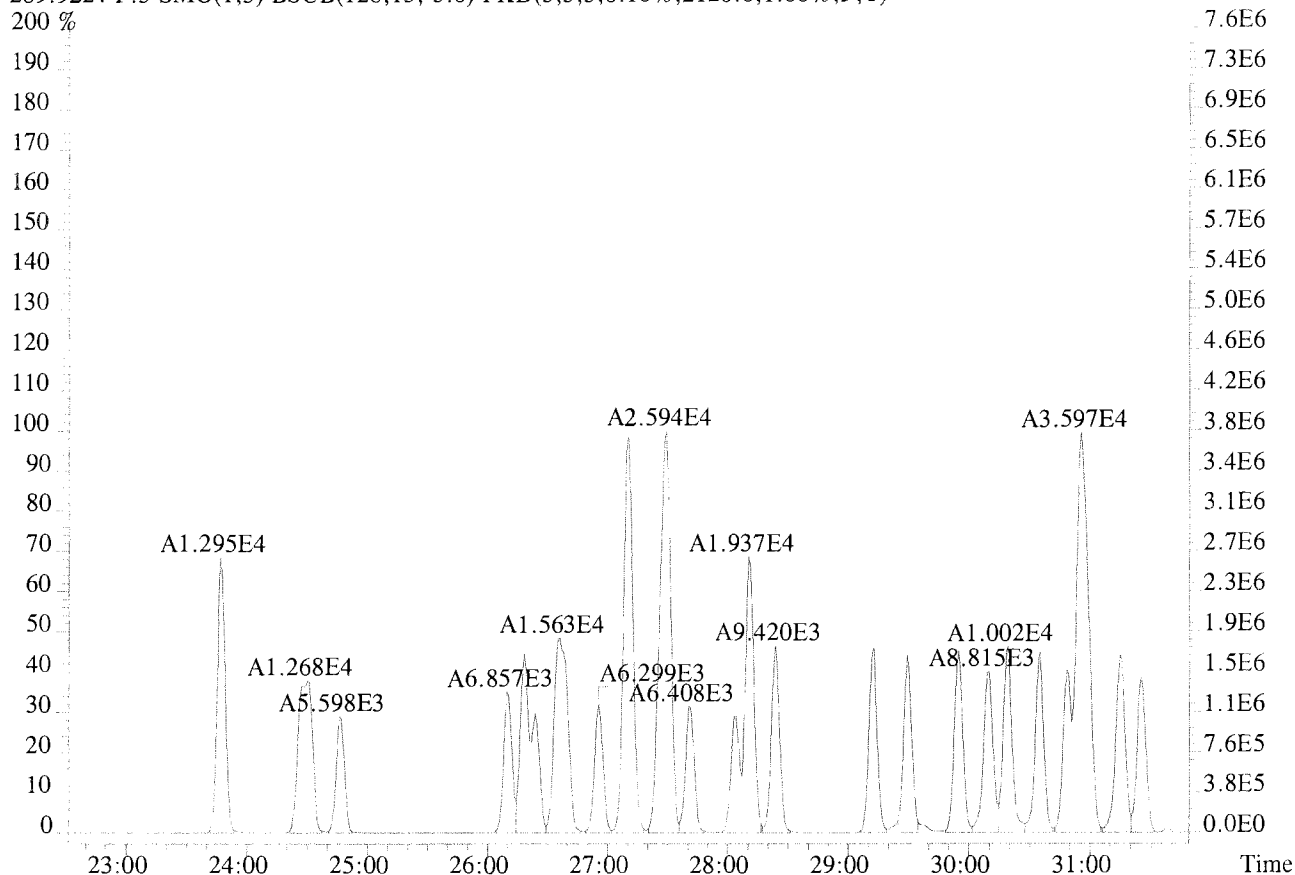
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1592.0,1.00%,F,T)



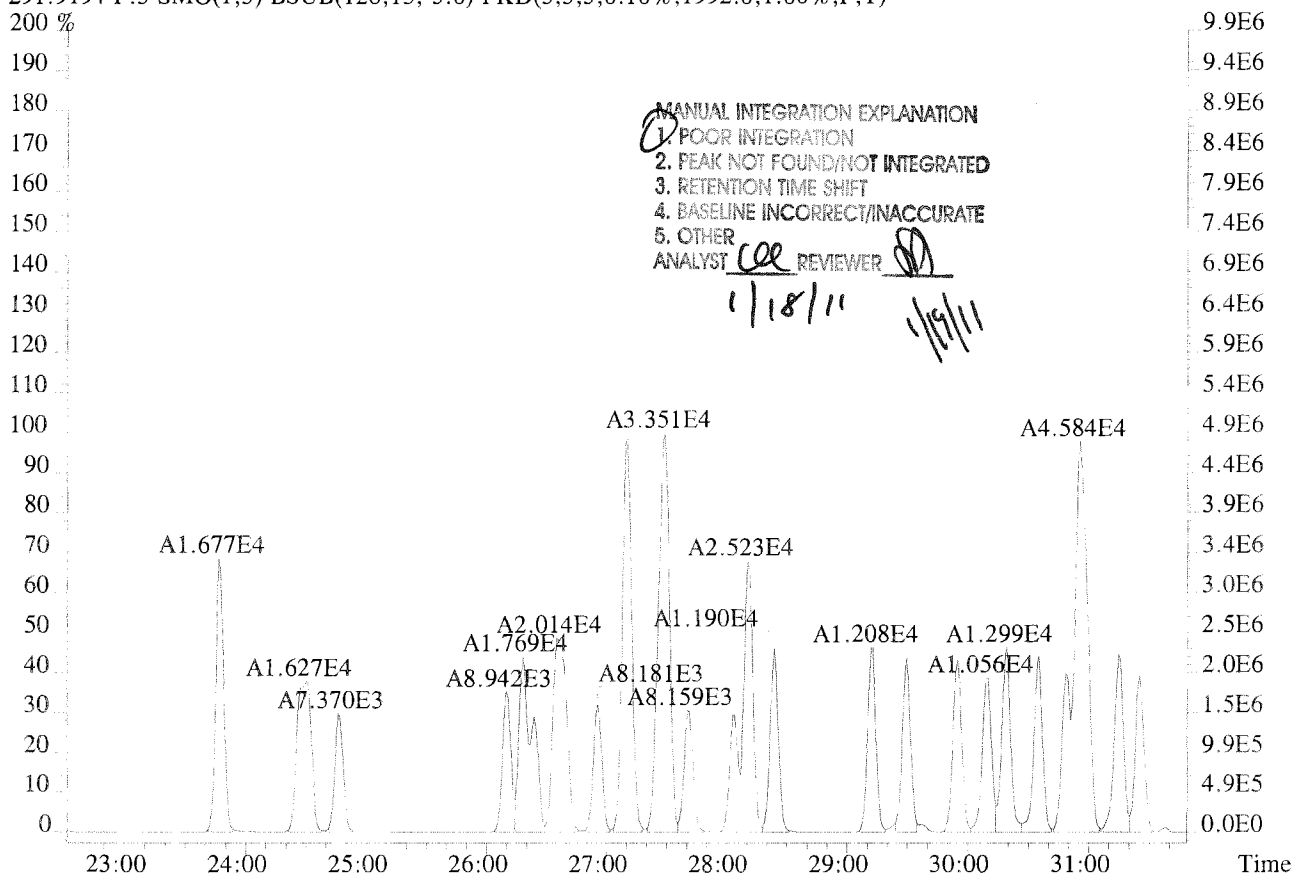
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224768 #1-594 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:PCB 209 INJECTION
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2120.0,1.00%,F,T)
 200 %

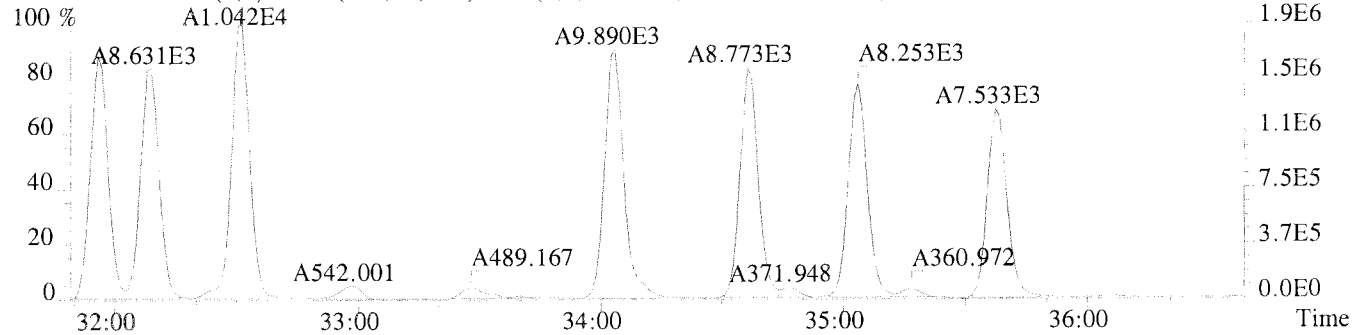


291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1992.0,1.00%,F,T)
 200 %

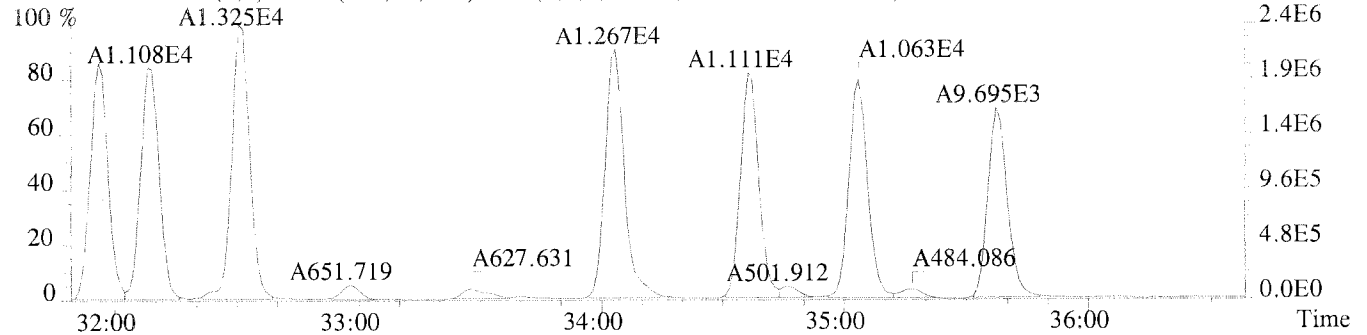


Sample#1 Exp:PCB 209 INJECTION

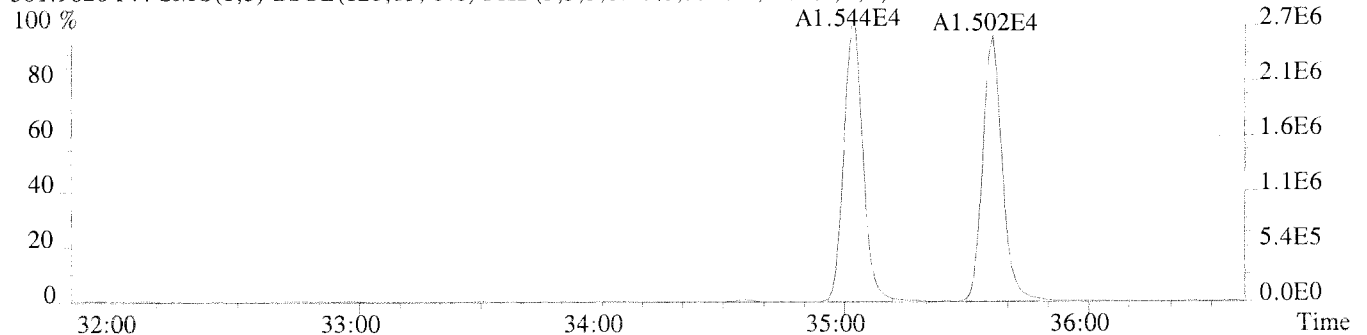
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7756.0,1.00%,F,T)



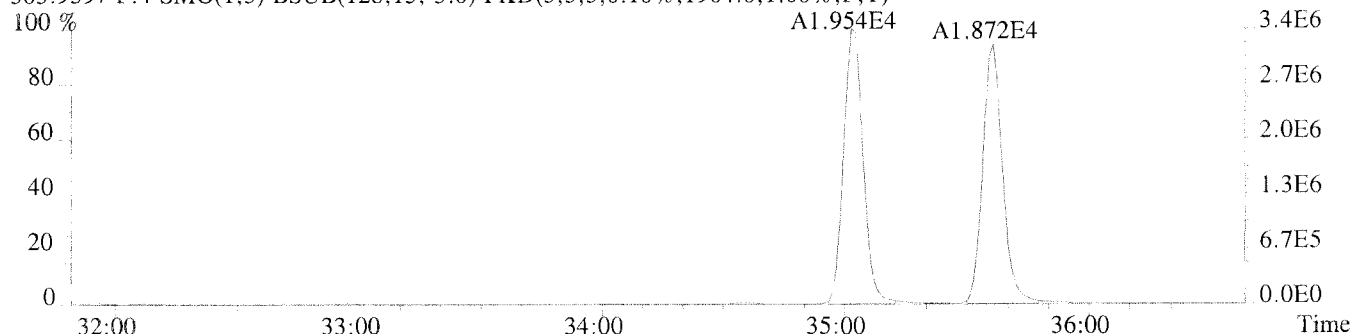
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13128.0,1.00%,F,T)



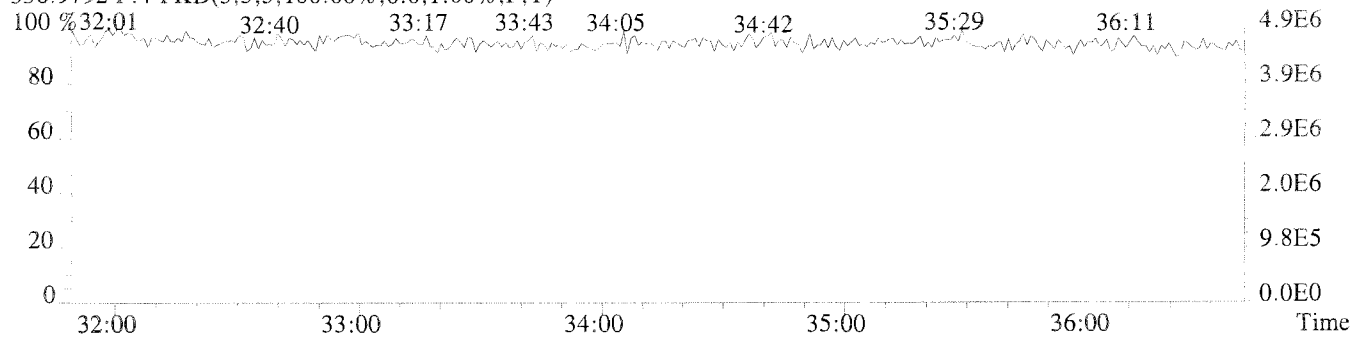
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3376.0,1.00%,F,T)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1964.0,1.00%,F,T)



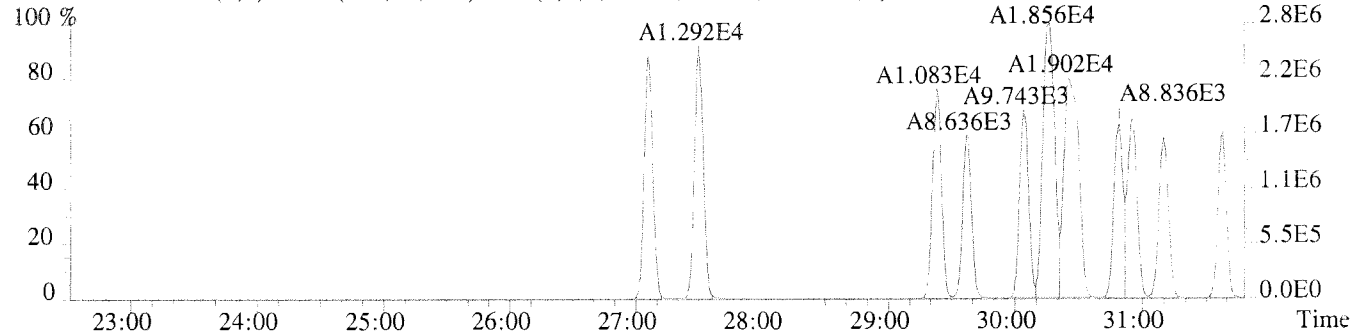
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



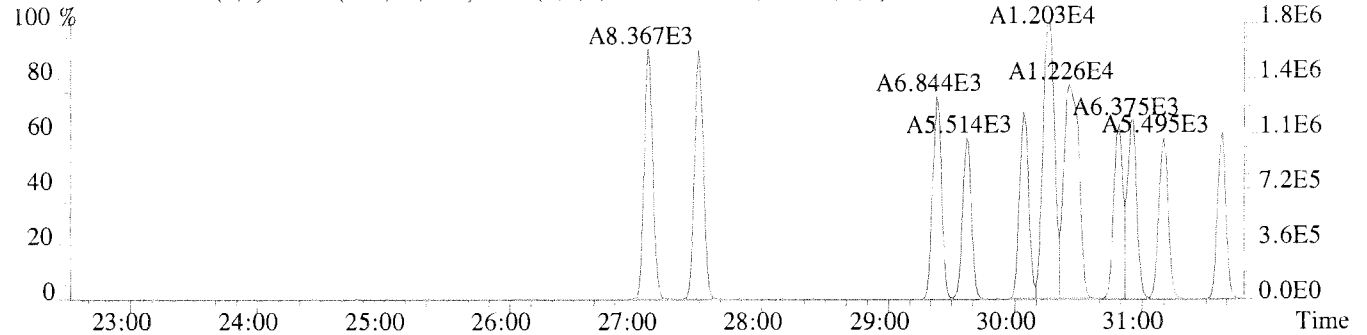
File:U224768 #1-594 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

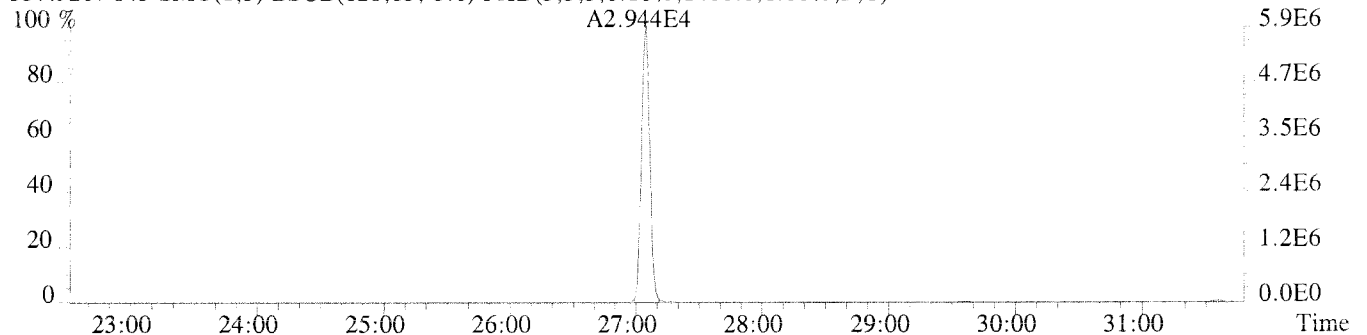
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1132.0,1.00%,F,T)



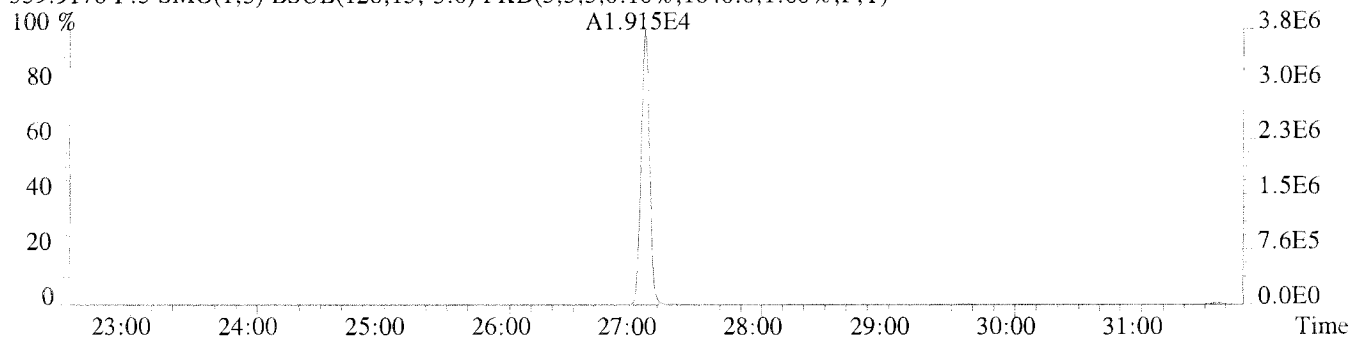
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1492.0,1.00%,F,T)



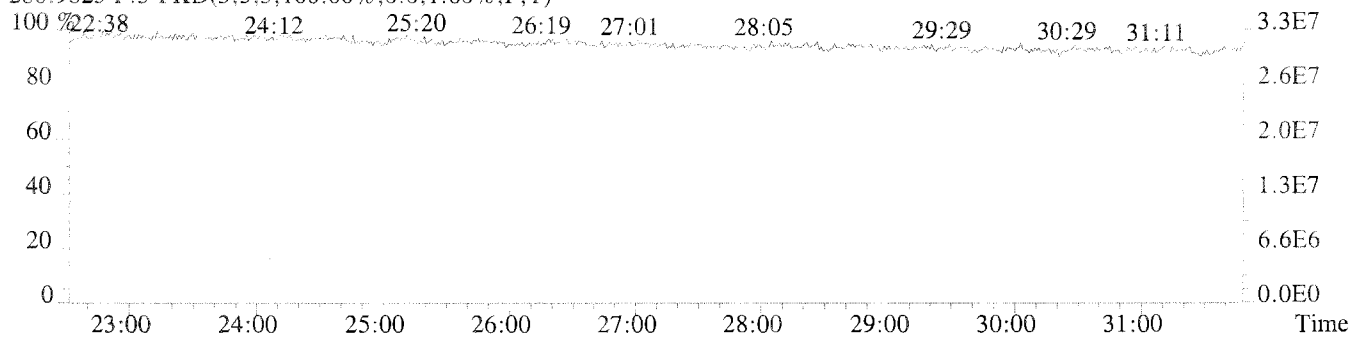
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1400.0,1.00%,F,T)



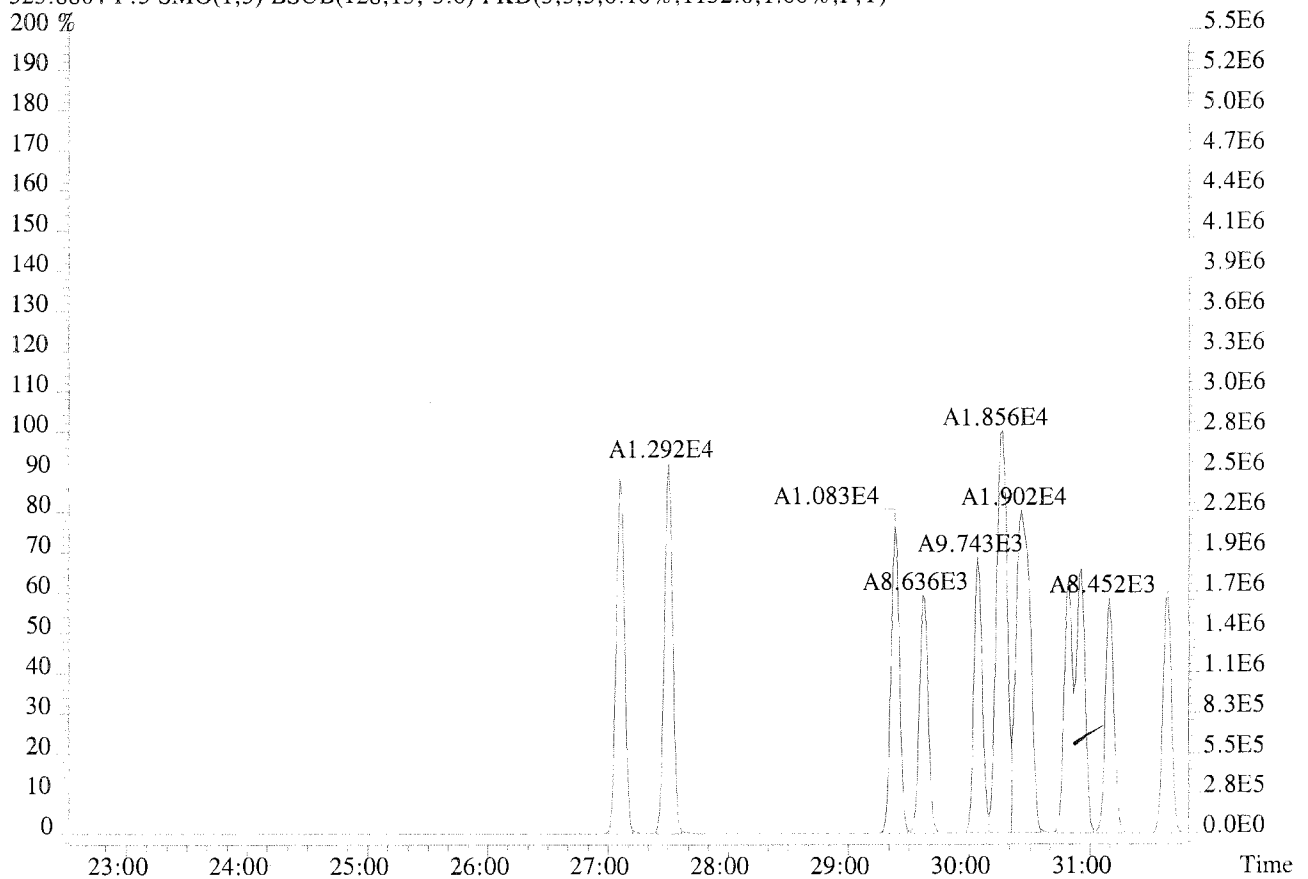
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1840.0,1.00%,F,T)



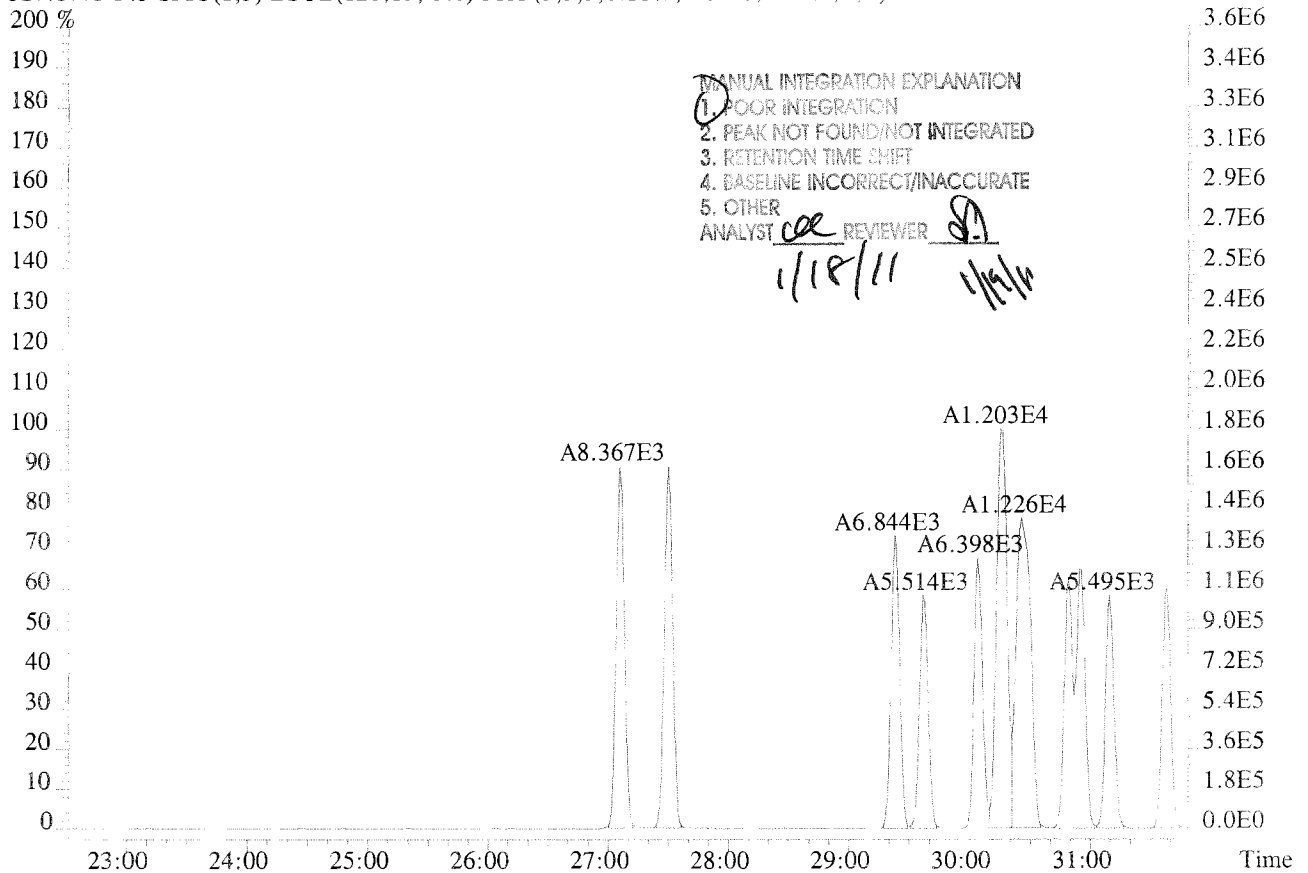
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224768 #1-594 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:PCB 209 INJECTION
 325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1132.0,1.00%,F,T)
 200 %

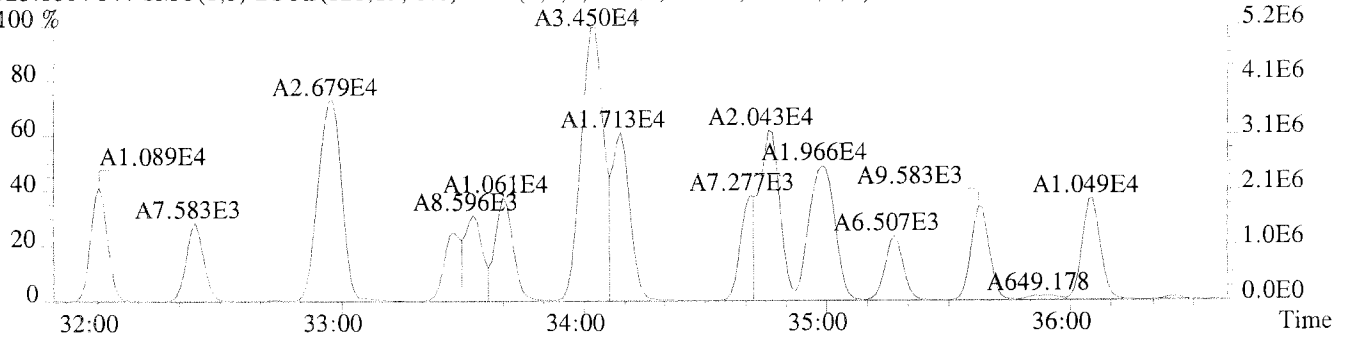


327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1492.0,1.00%,F,T)

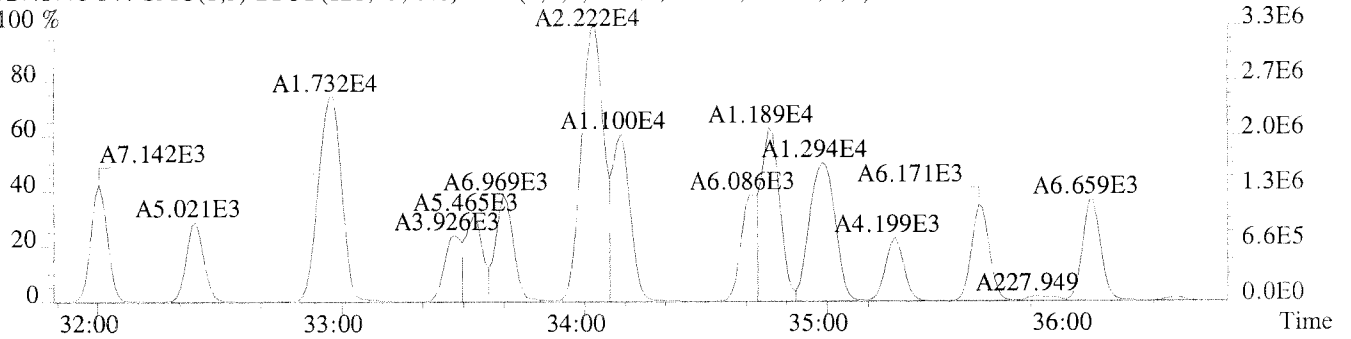


File:U224768 #1-309 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

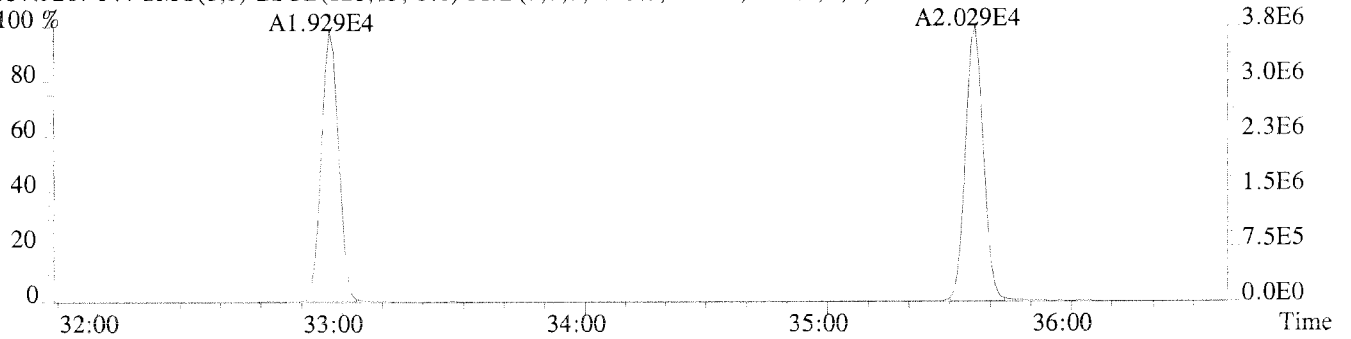
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7928.0,1.00%,F,T)
100 %



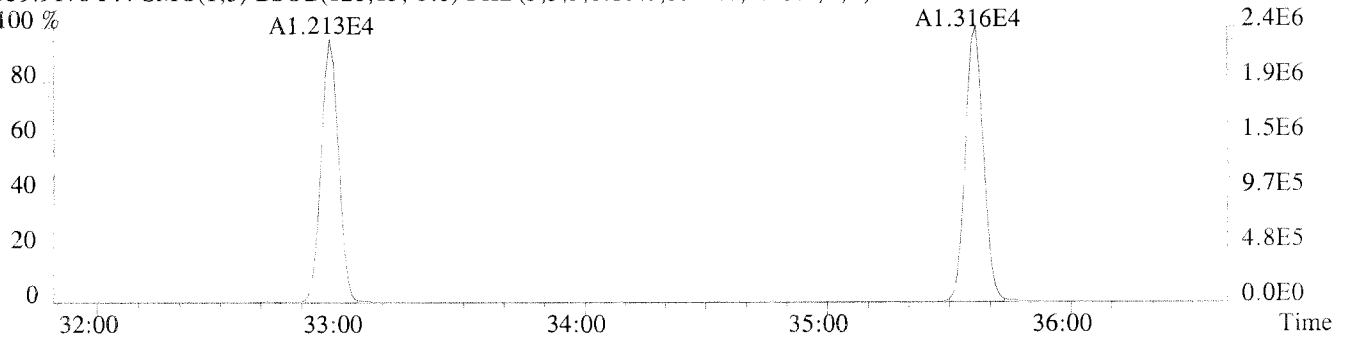
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3608.0,1.00%,F,T)
100 %



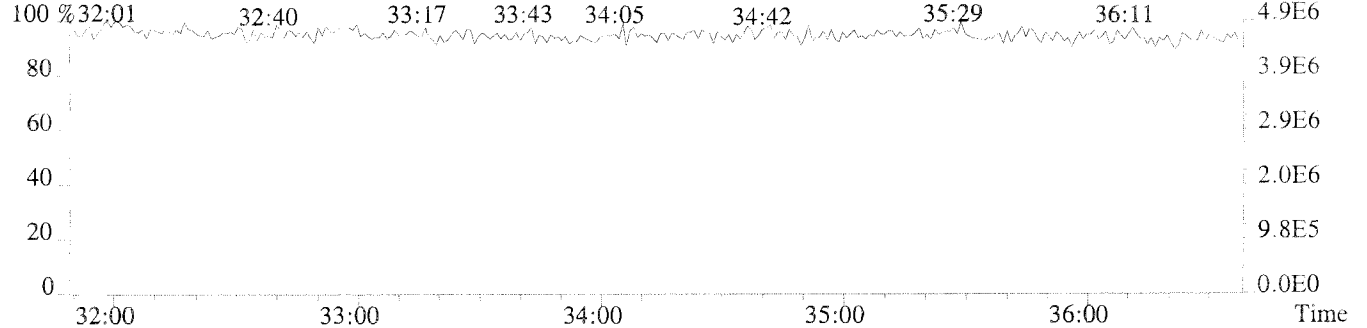
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1968.0,1.00%,F,T)
100 %



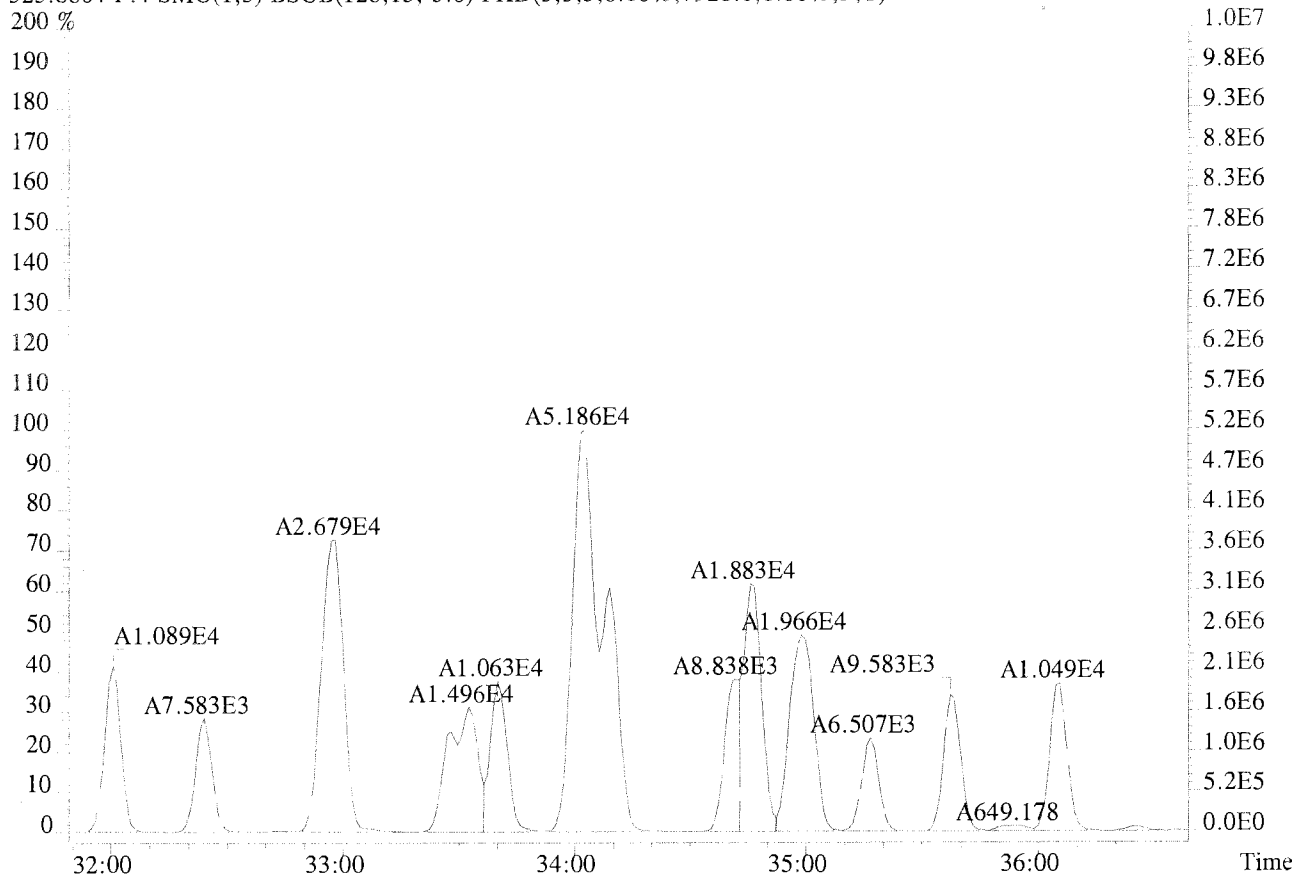
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1544.0,1.00%,F,T)
100 %



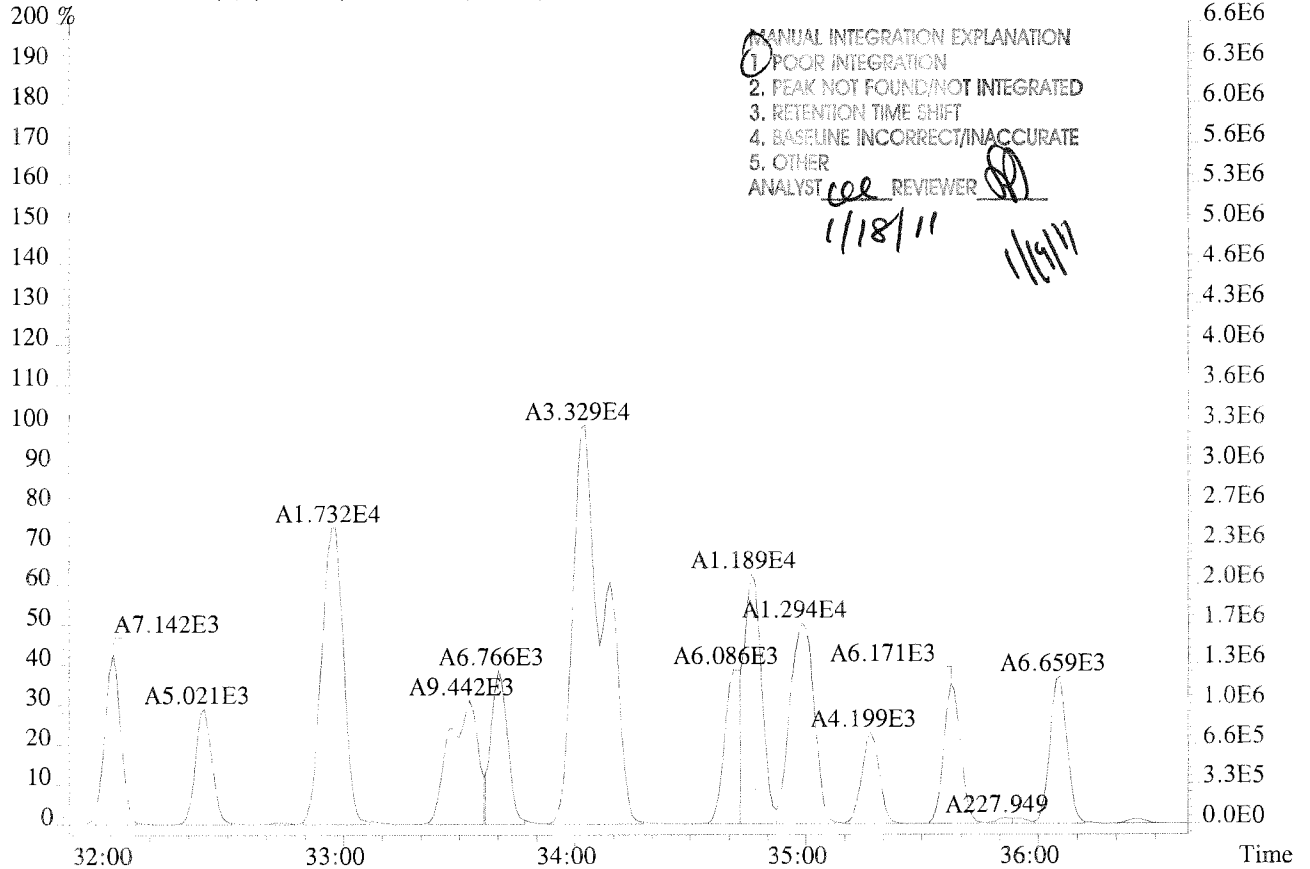
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224768 #1-309 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass s£
 Sample#1 Exp:PCB 209 INJECTION
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7928.0,1.00%,F,T)
 200 %

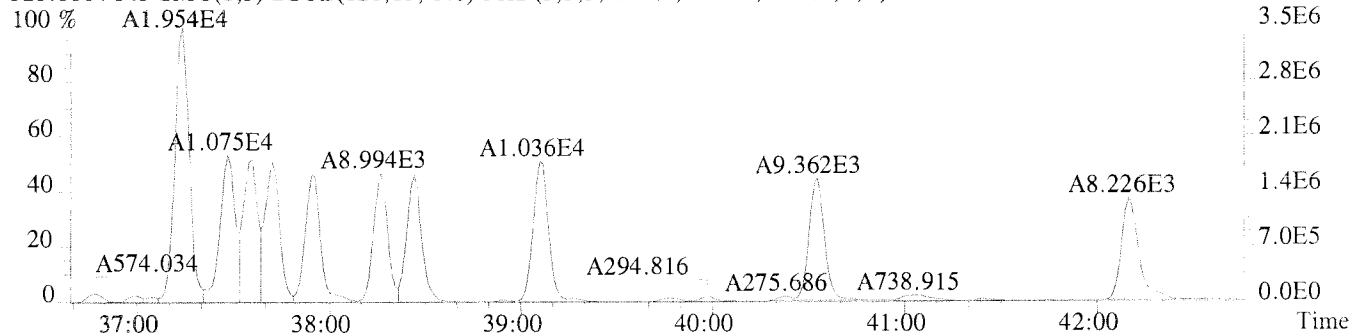


327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3608.0,1.00%,F,T)

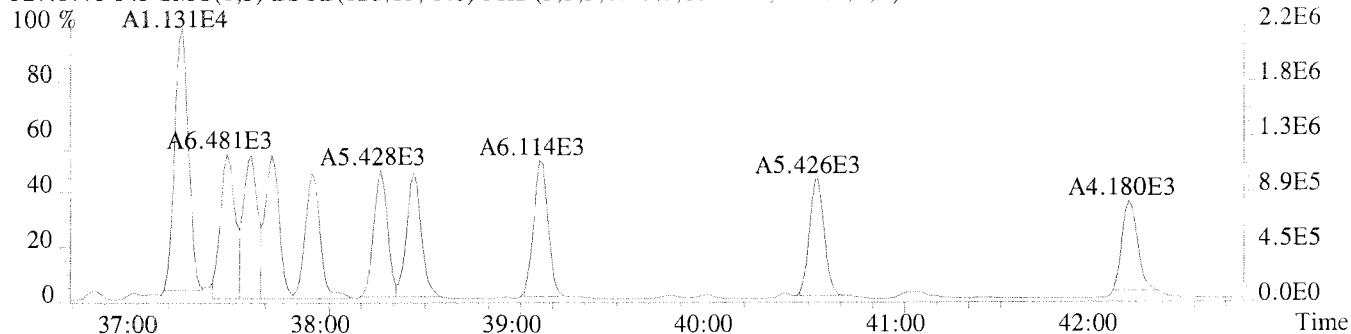


Sample#1 Exp:PCB 209 INJECTION

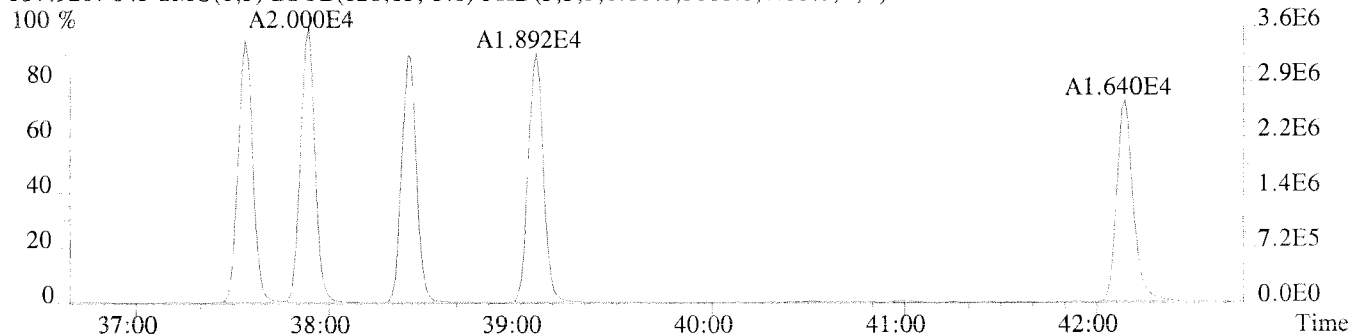
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4988.0,1.00%,F,T)



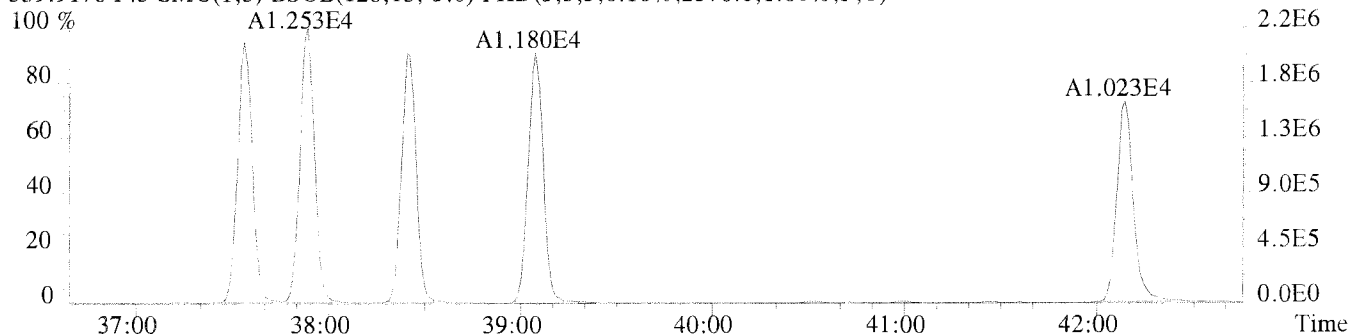
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,60728.0,1.00%,F,T)



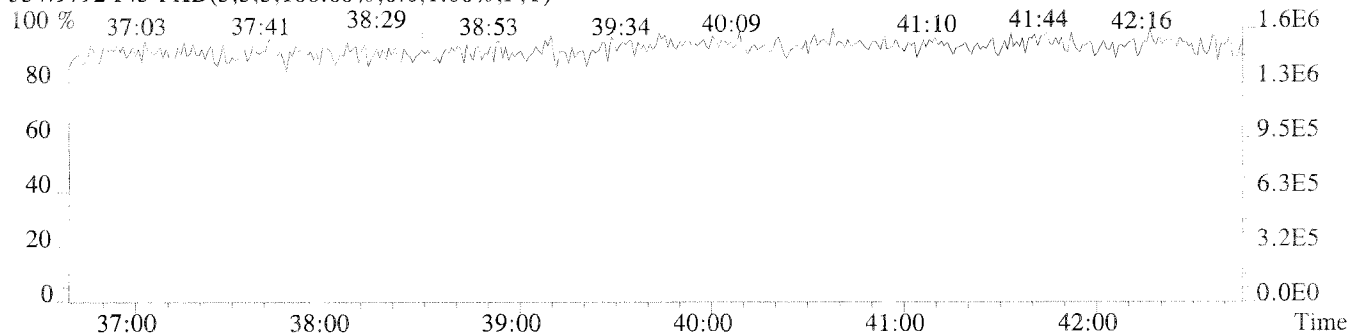
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5868.0,1.00%,F,T)



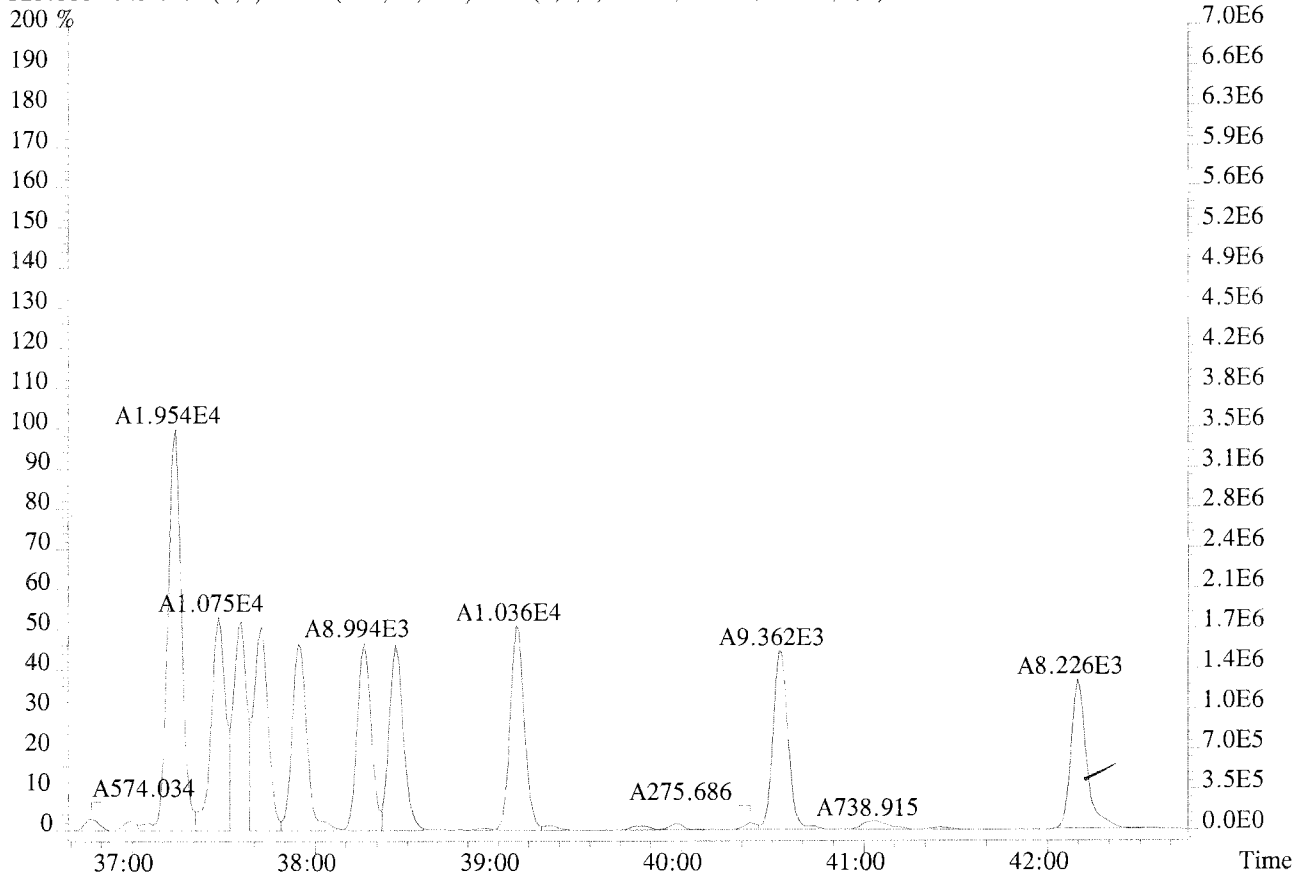
339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2576.0,1.00%,F,T)



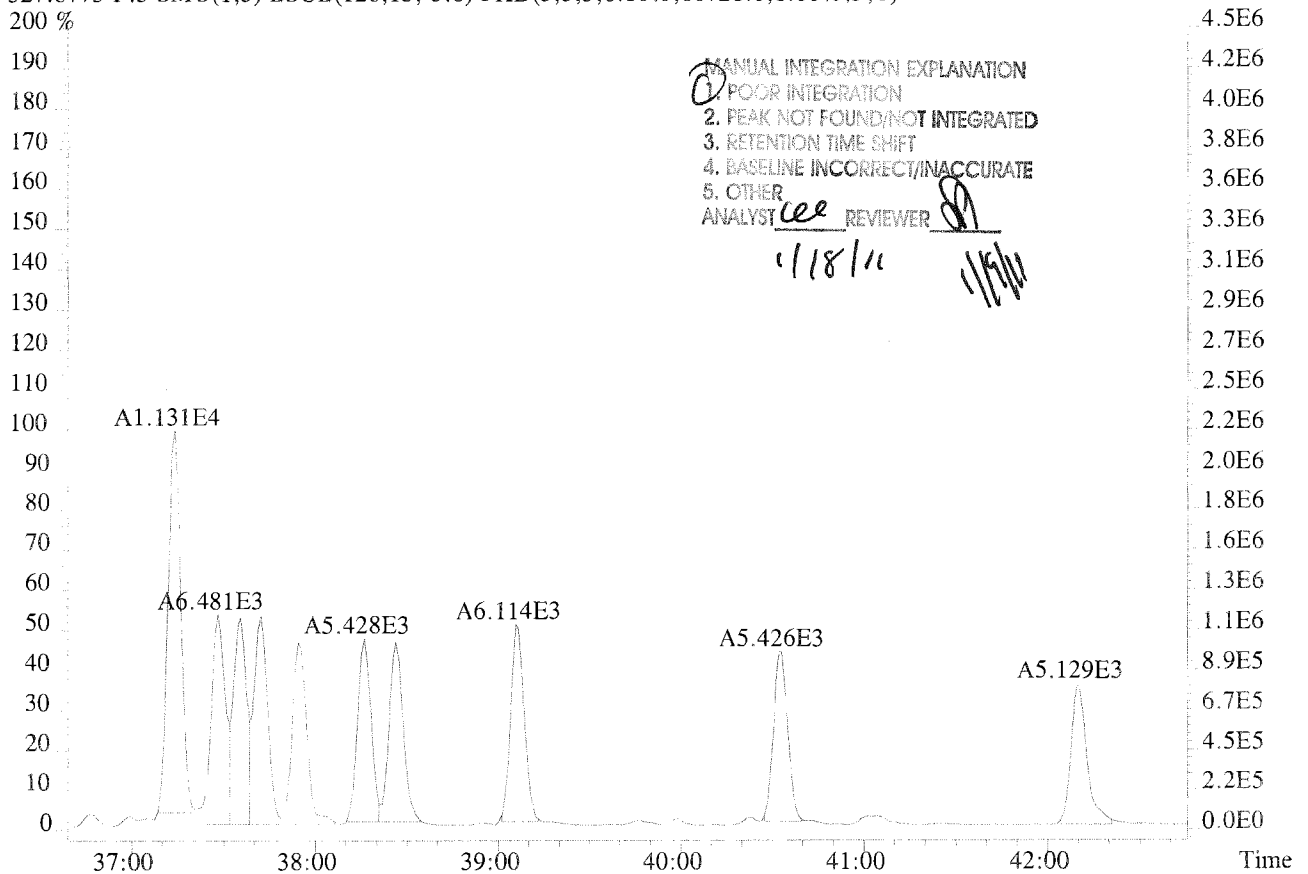
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



File:U224768 #1-391 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass sf
 Sample#1 Exp:PCB 209 INJECTION
 325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4988.0,1.00%,F,T)
 200 %



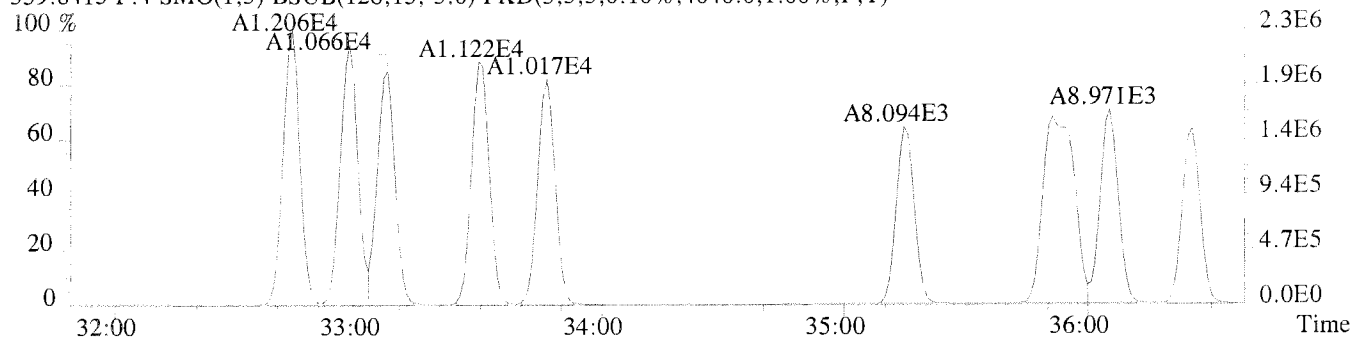
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,60728.0,1.00%,F,T)
 200 %



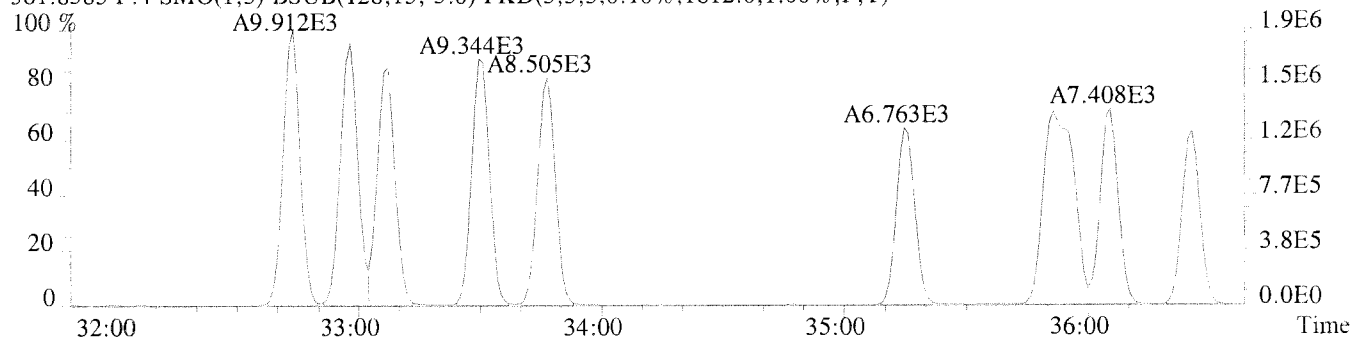
File:U224768 #1-309 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

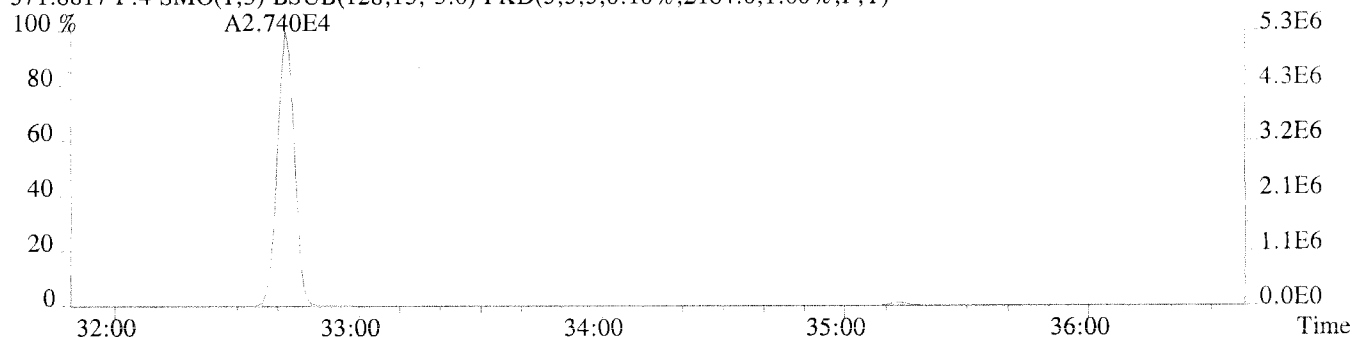
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4040.0,1.00%,F,T)



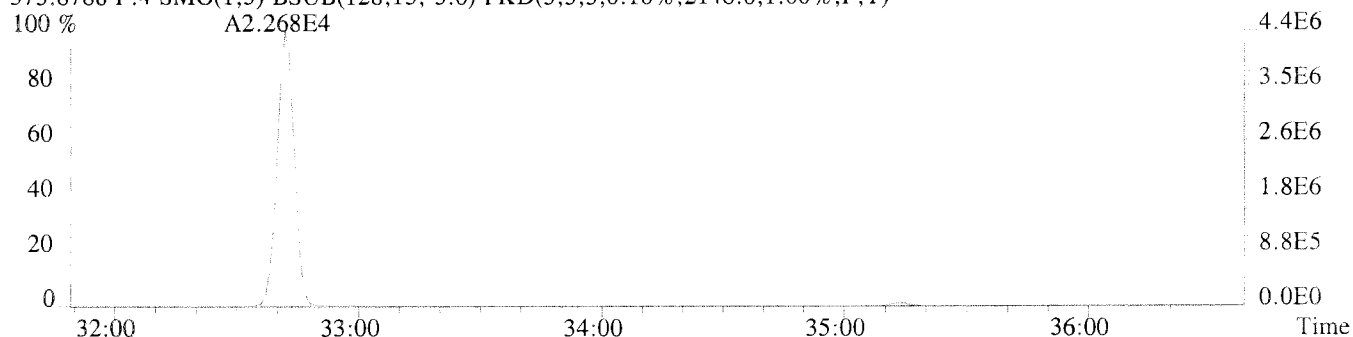
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1812.0,1.00%,F,T)



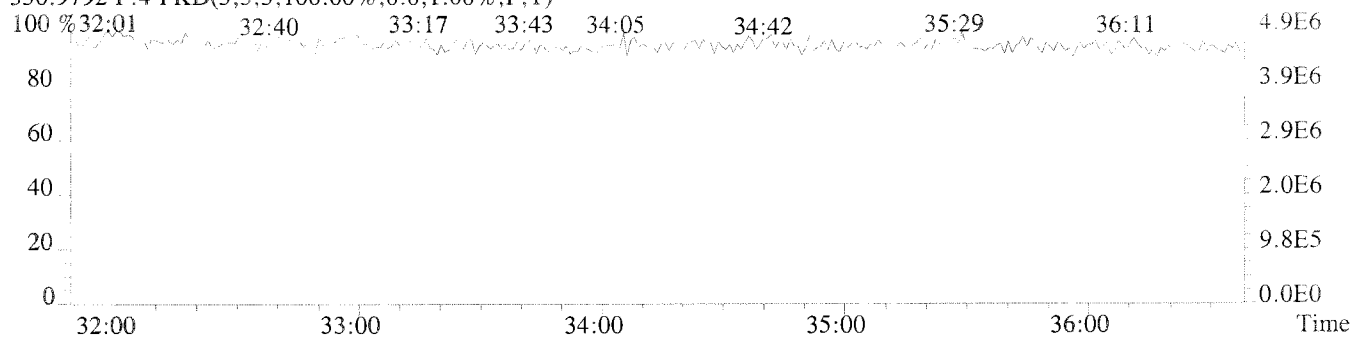
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2184.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2148.0,1.00%,F,T)

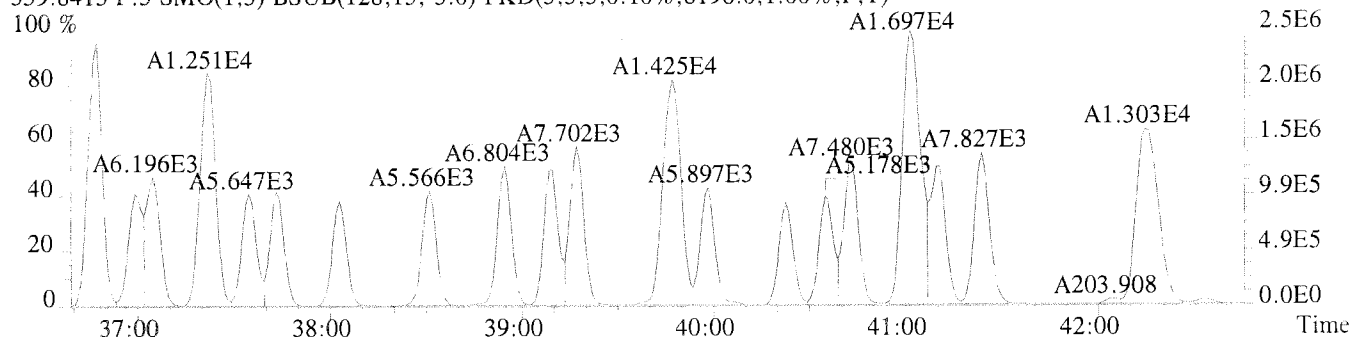


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

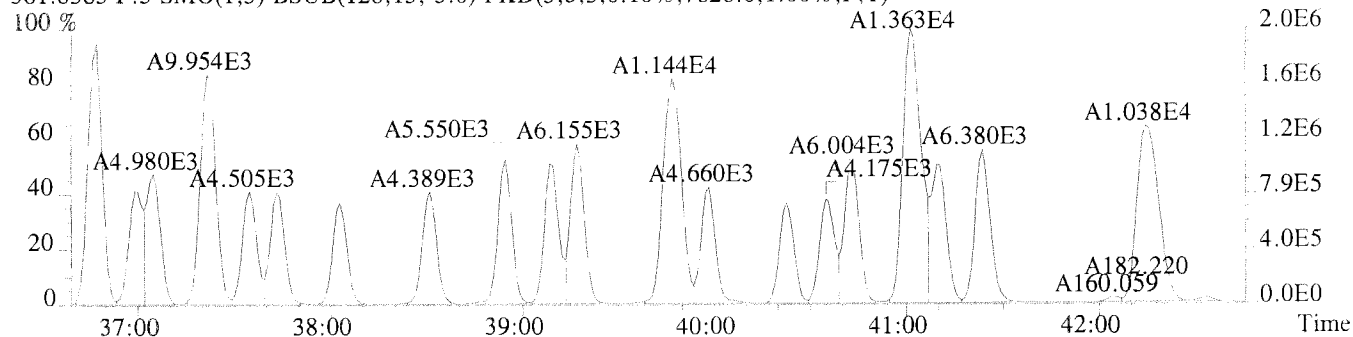


Sample#1 Exp:PCB 209 INJECTION

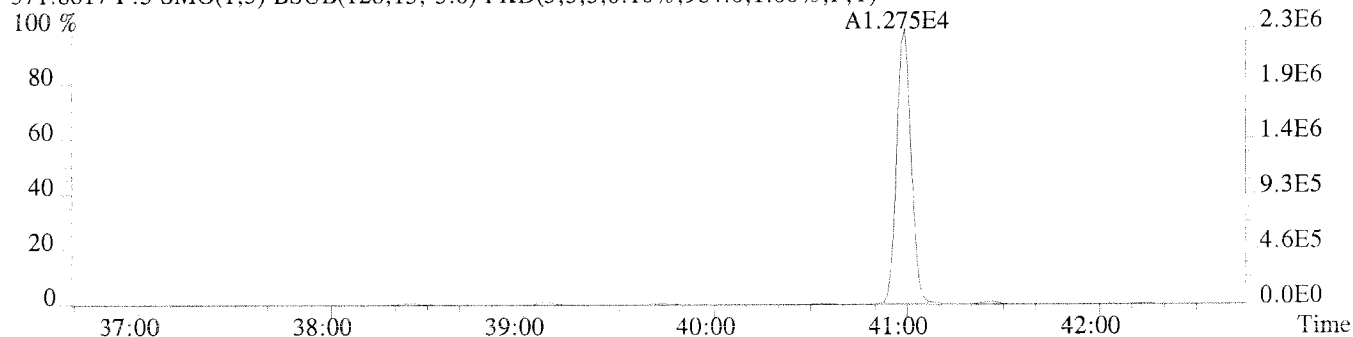
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8196.0,1.00%,F,T)



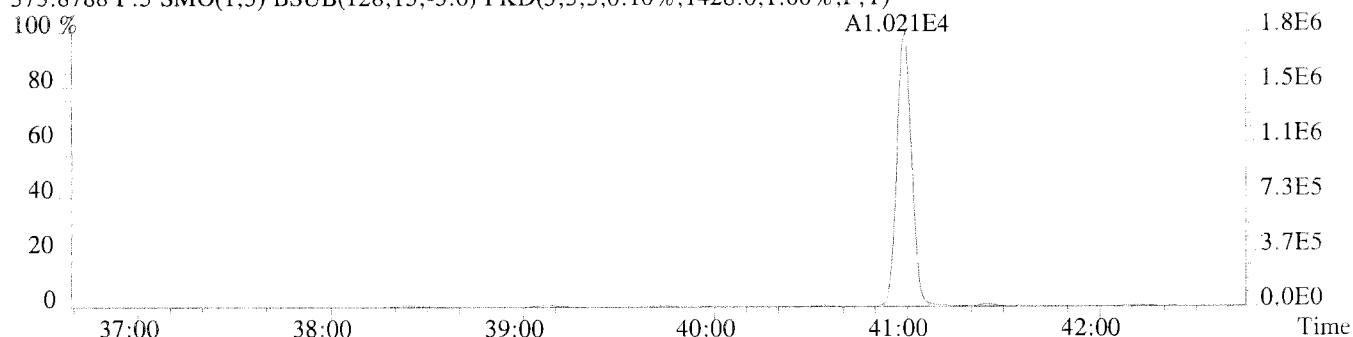
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7828.0,1.00%,F,T)



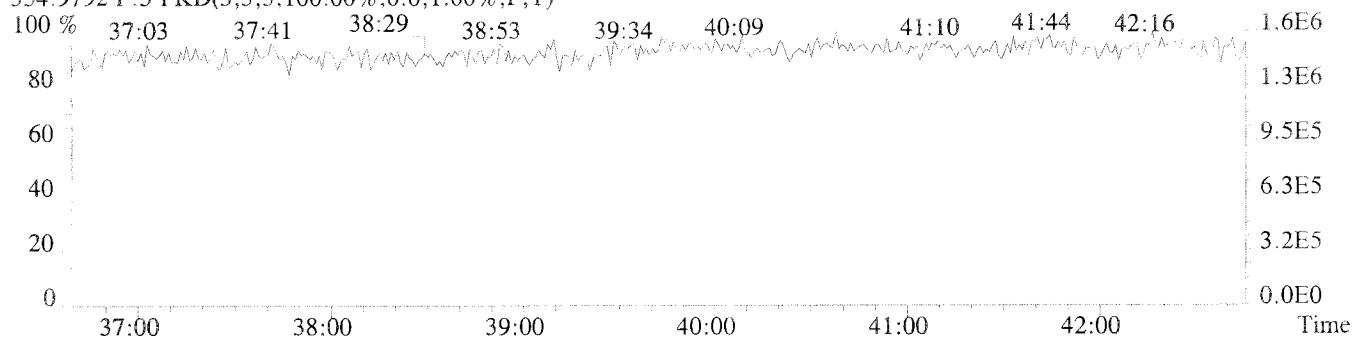
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,984.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1428.0,1.00%,F,T)



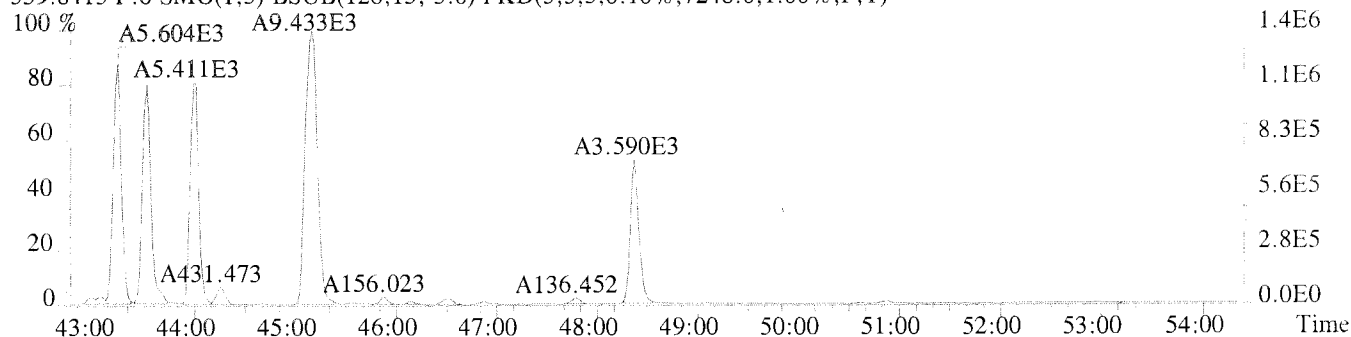
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



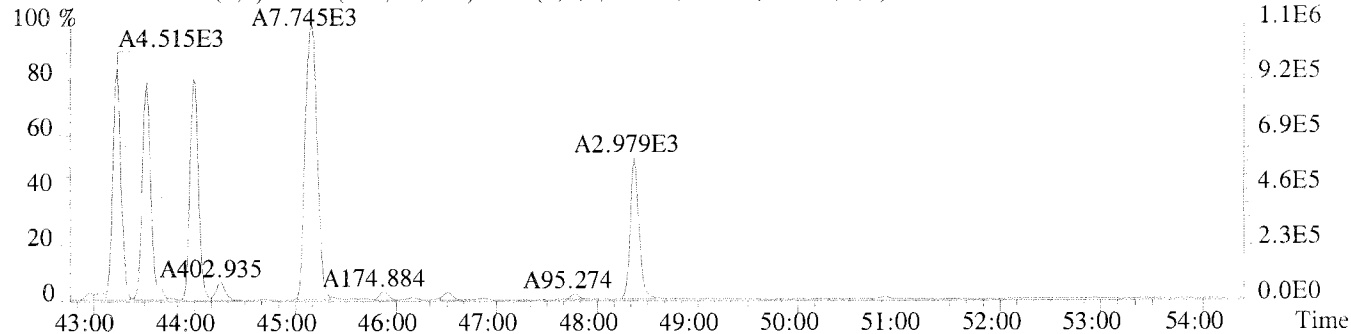
File:U224768 #1-577 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

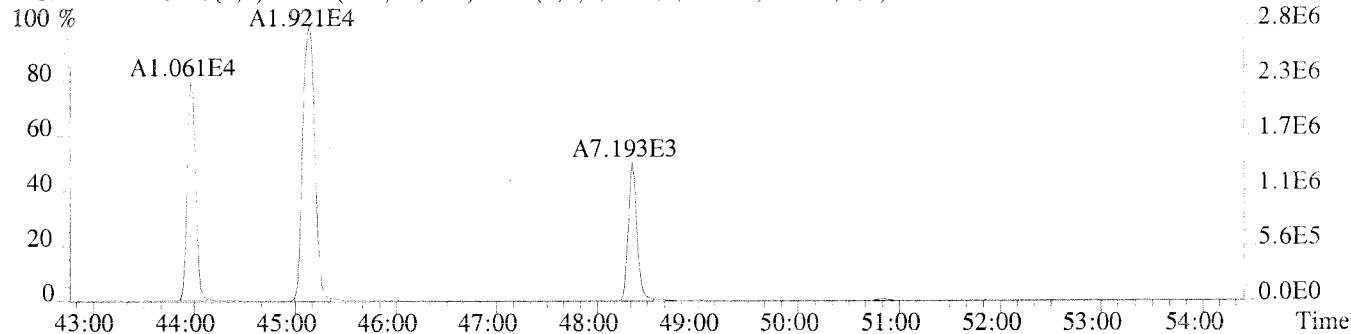
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7248.0,1.00%,F,T)



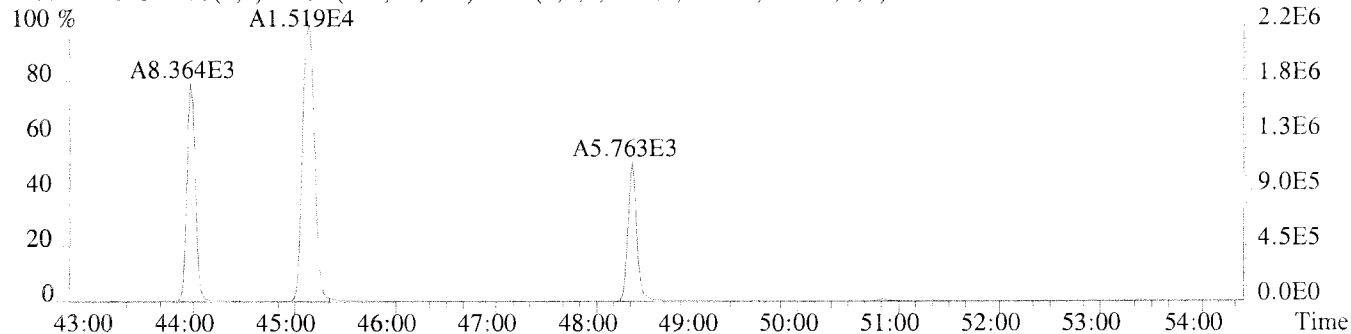
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5876.0,1.00%,F,T)



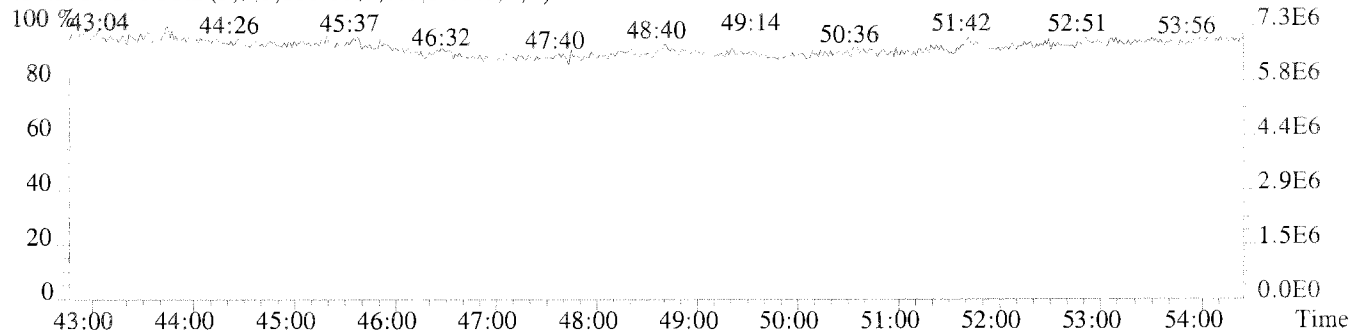
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1868.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2084.0,1.00%,F,T)

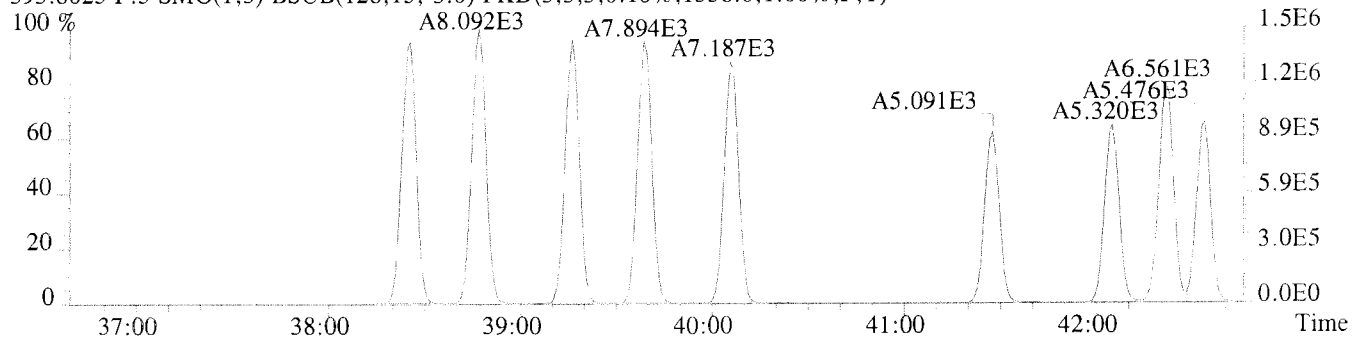


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

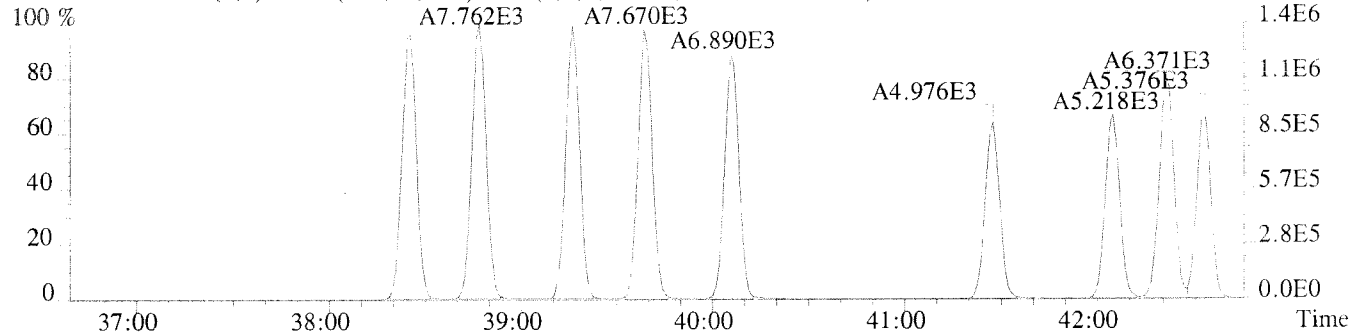


File:U224768 #1-391 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

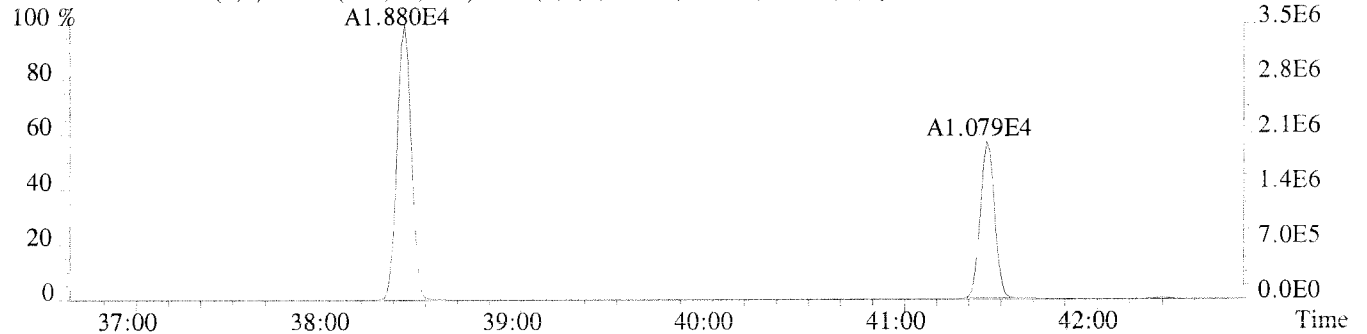
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1336.0,1.00%,F,T)



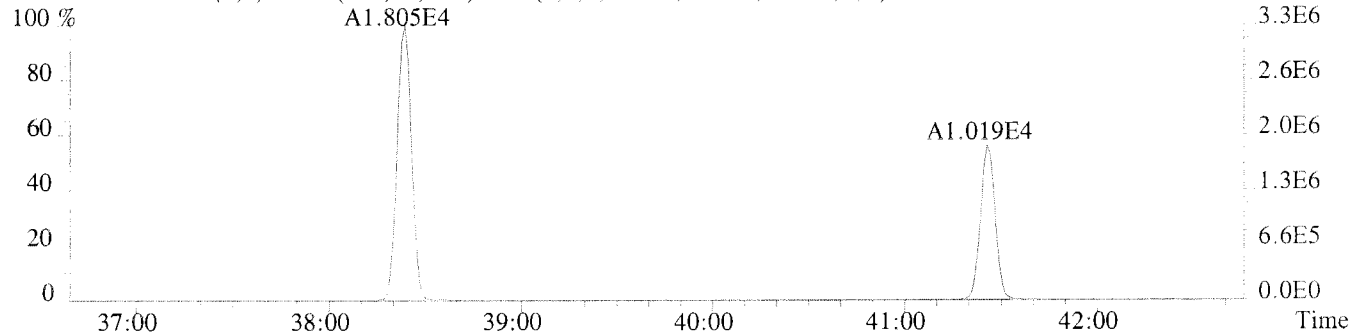
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,808.0,1.00%,F,T)



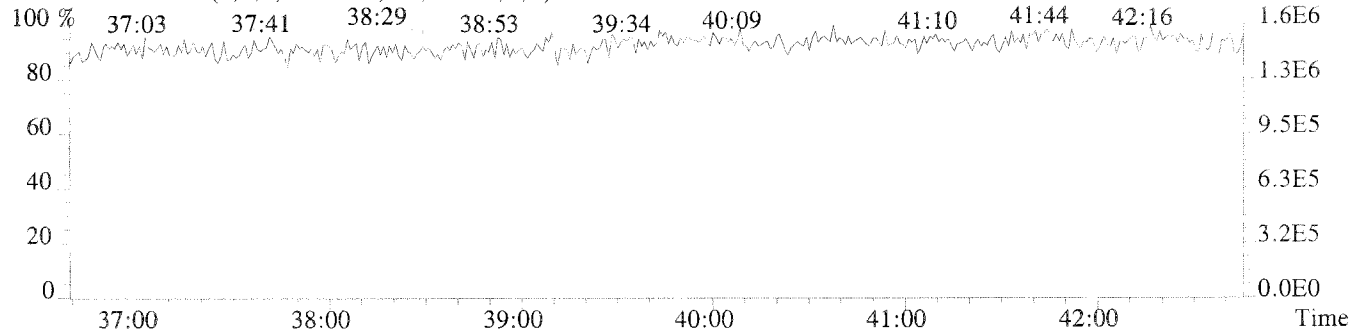
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1916.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1380.0,1.00%,F,T)

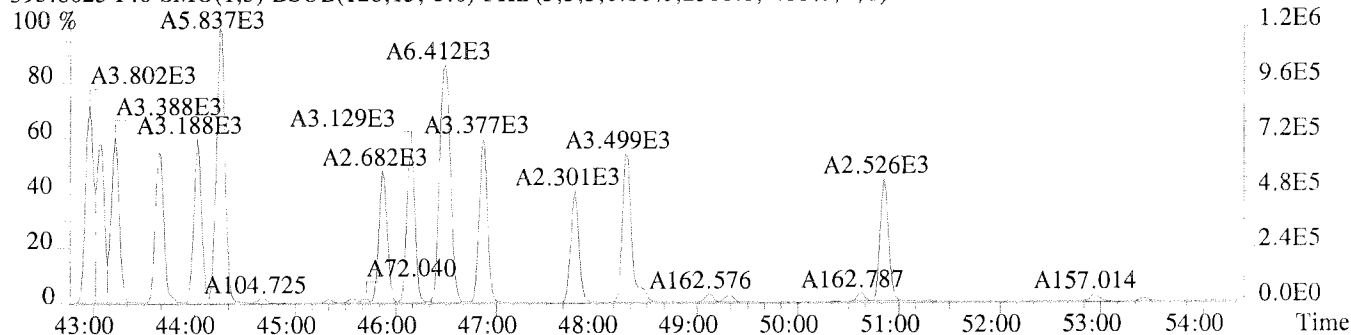


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

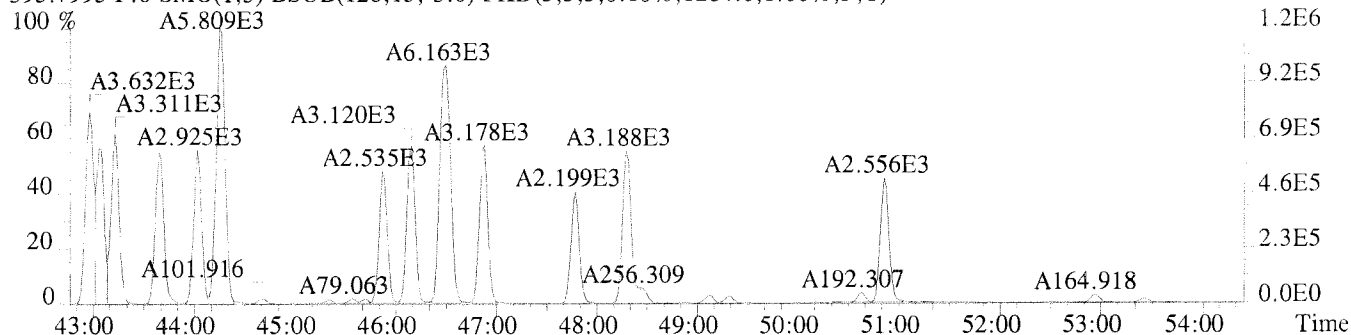


Sample#1 Exp:PCB 209 INJECTION

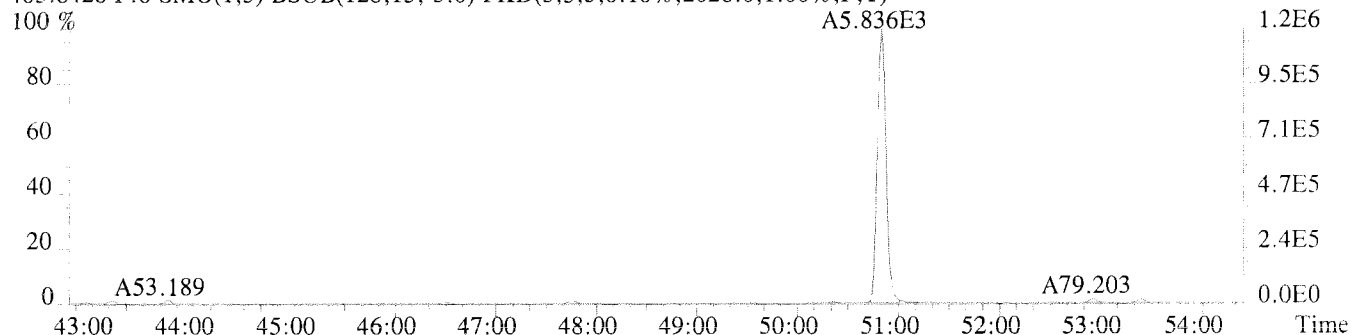
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2508.0,1.00%,F,T)



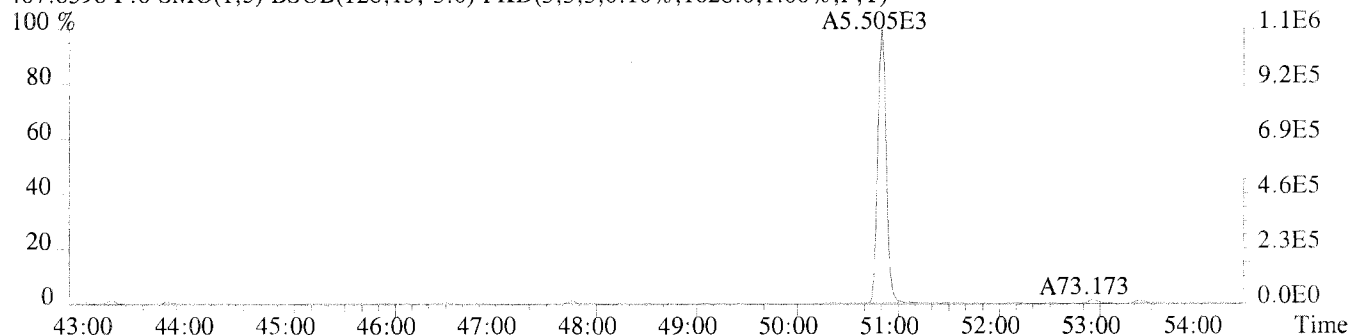
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1284.0,1.00%,F,T)



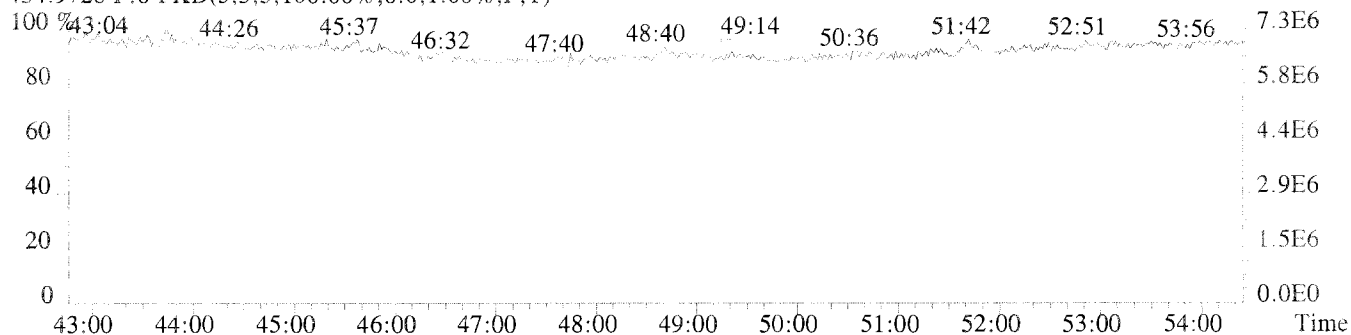
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2028.0,1.00%,F,T)



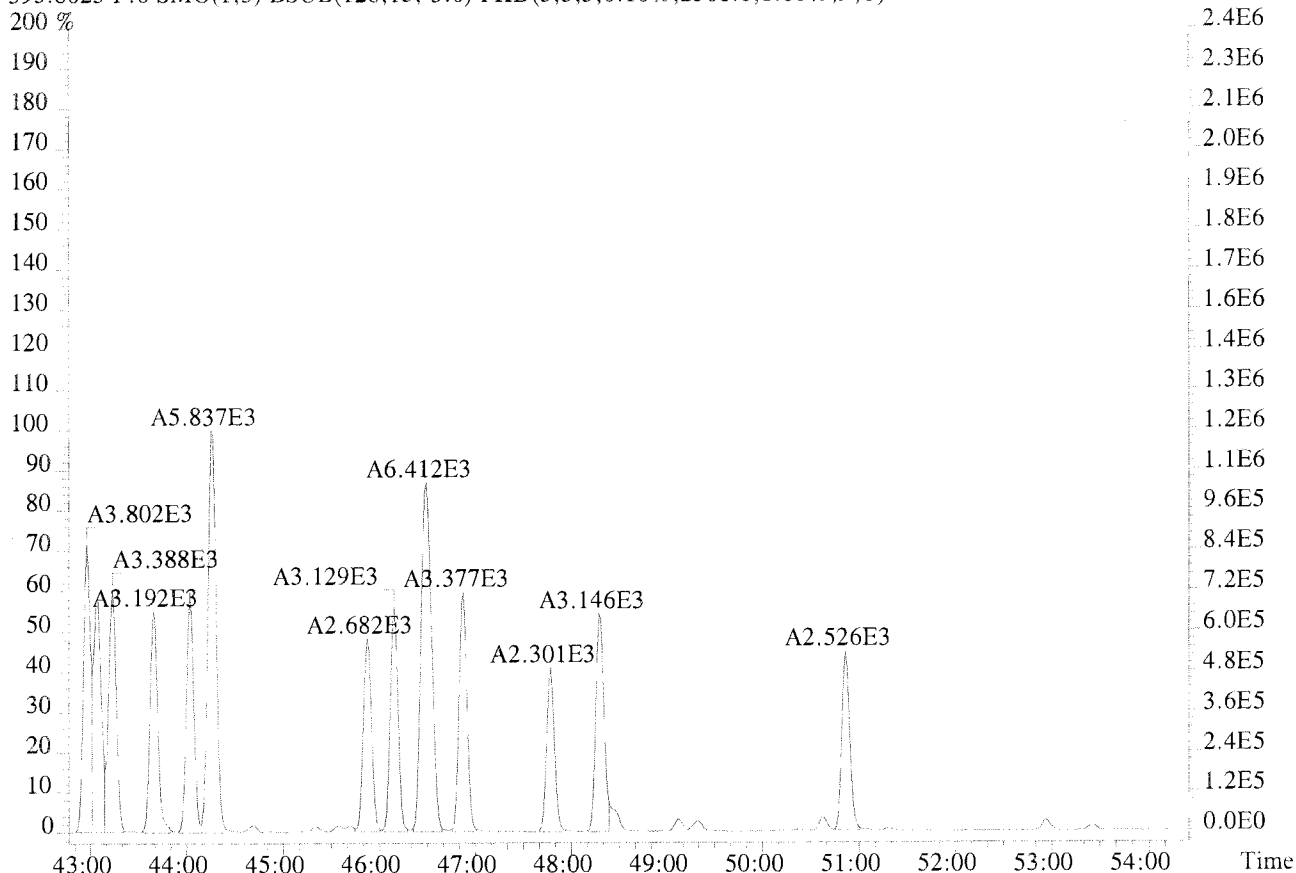
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1628.0,1.00%,F,T)



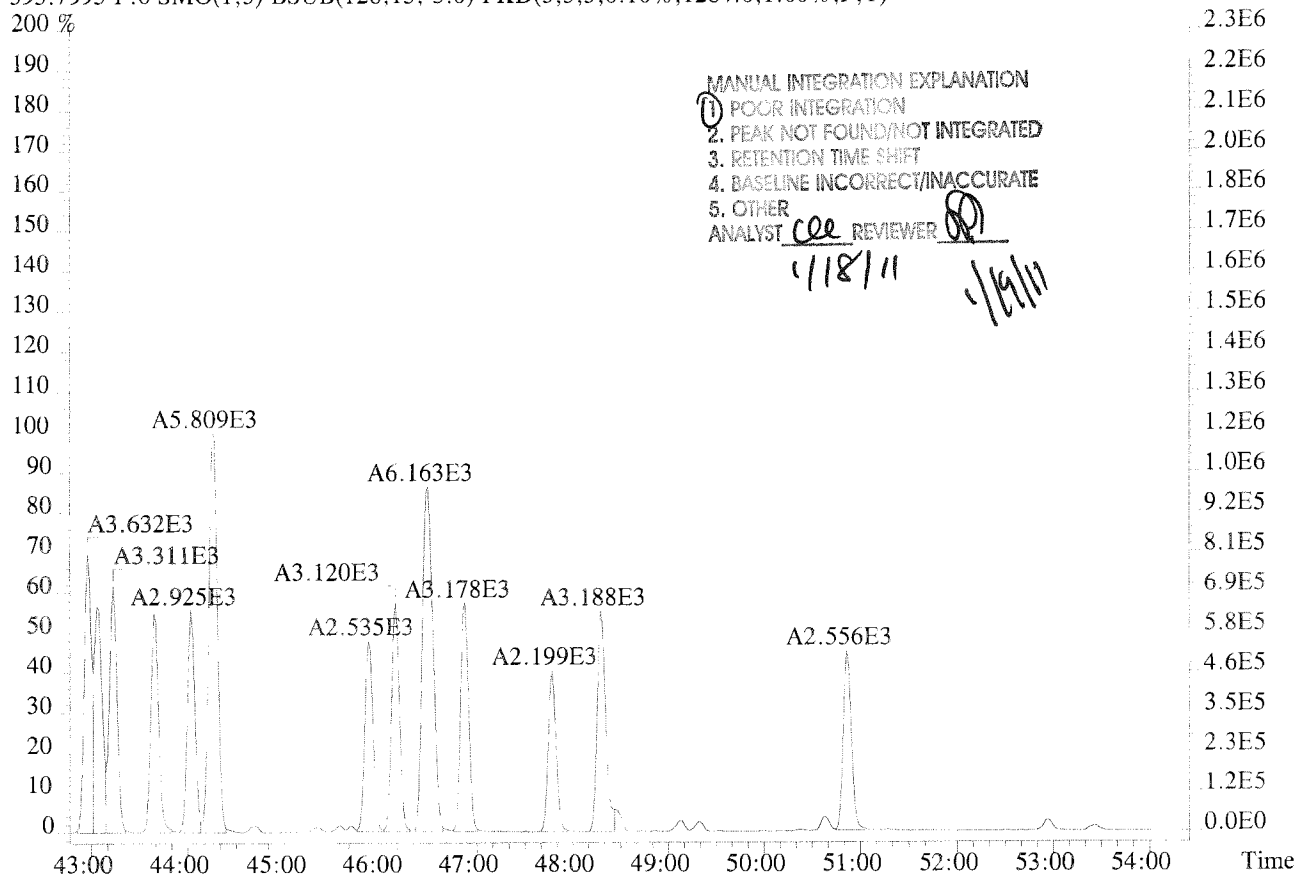
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



File:U224768 #1-577 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass sE
 Sample#1 Exp:PCB 209 INJECTION
 393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2508.0,1.00%,F,T)
 200 %

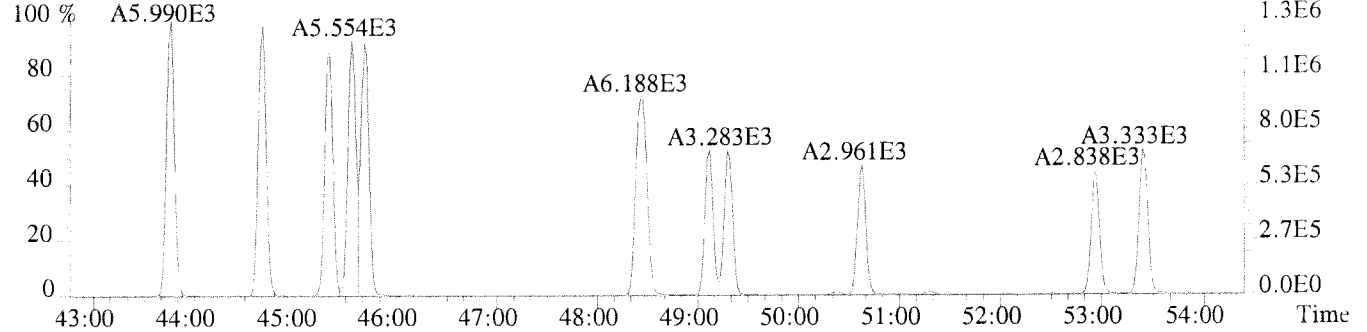


395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1284.0,1.00%,F,T)
 200 %

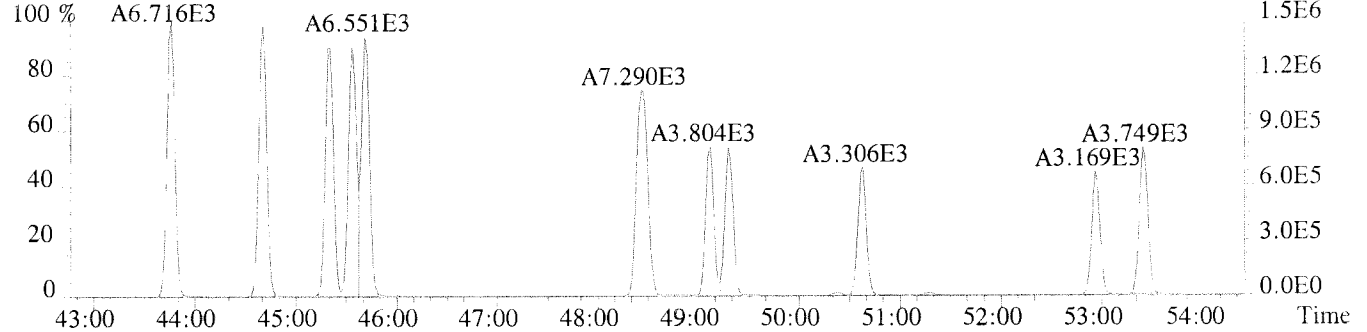


File:U224768 #1-577 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

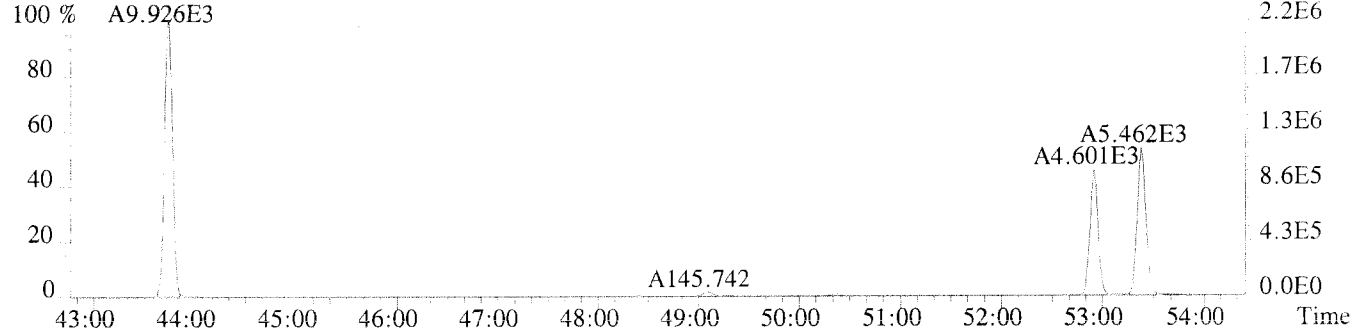
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1180.0,1.00%,F,T)



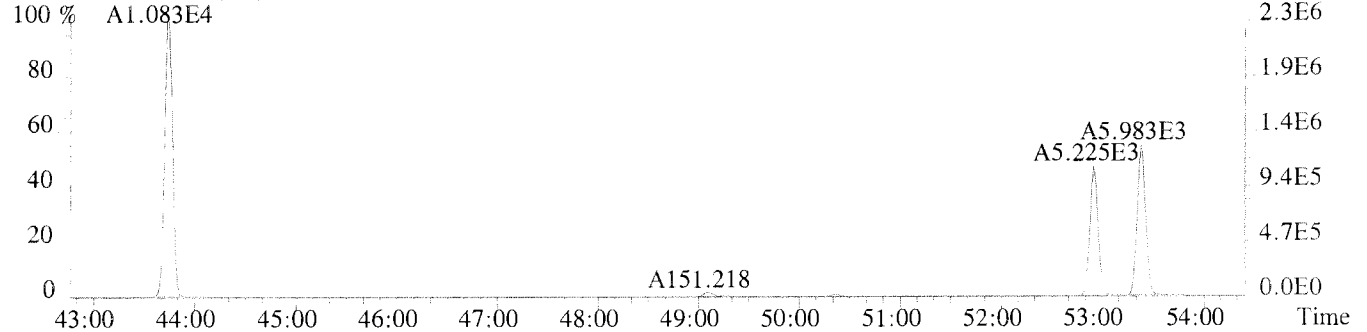
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1204.0,1.00%,F,T)



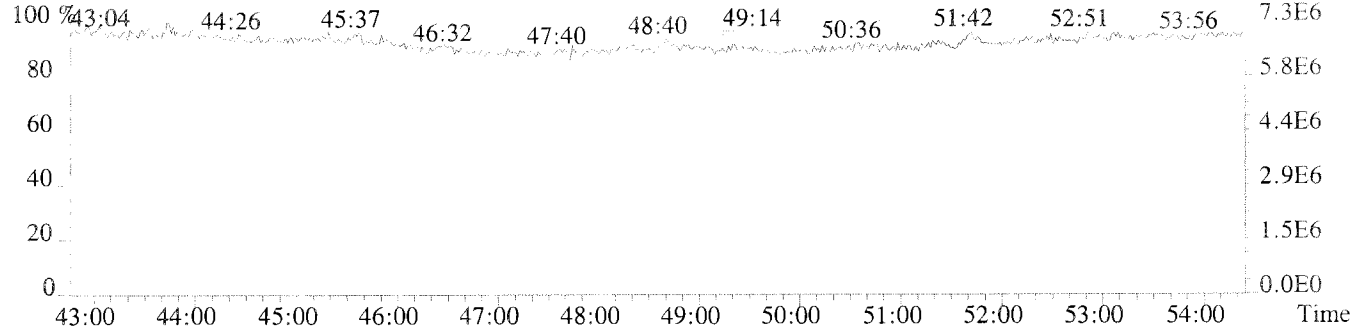
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1672.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1748.0,1.00%,F,T)

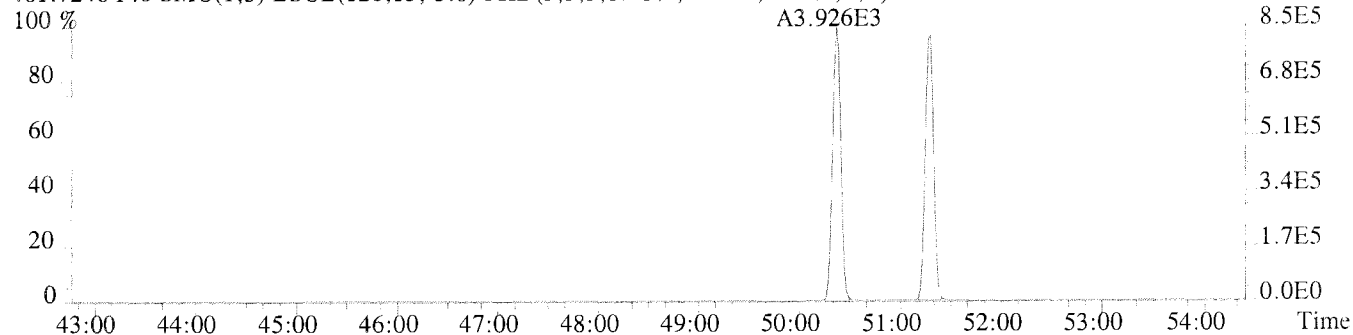


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

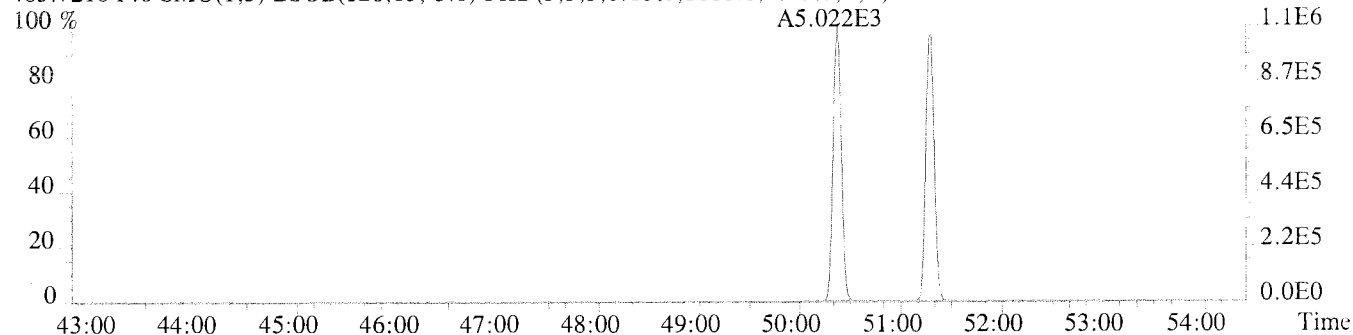


Sample#1 Exp:PCB 209 INJECTION

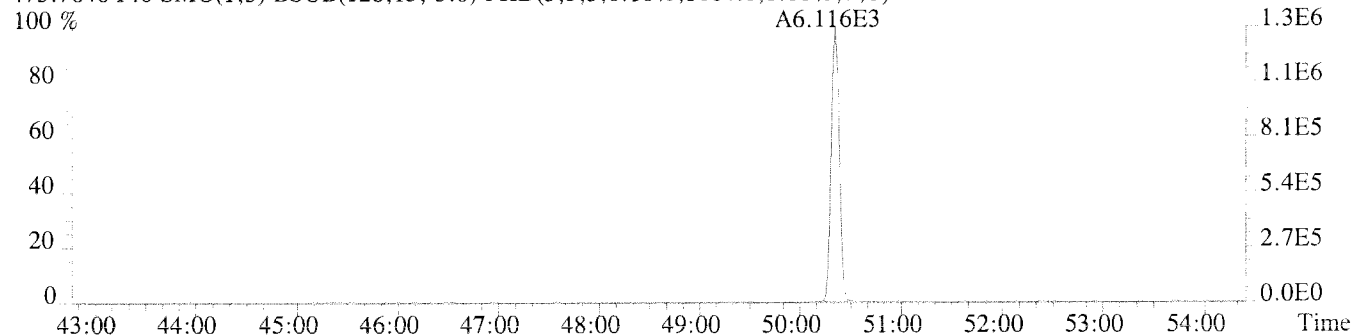
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1496.0,1.00%,F,T)



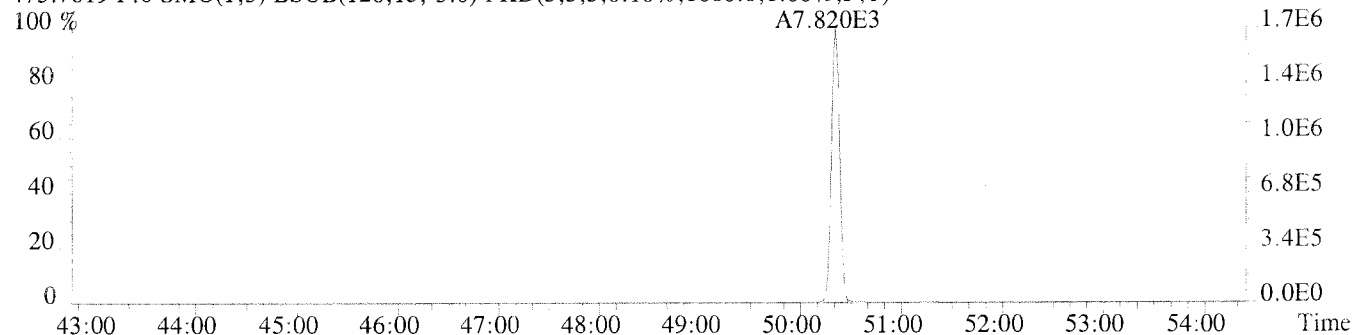
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1660.0,1.00%,F,T)



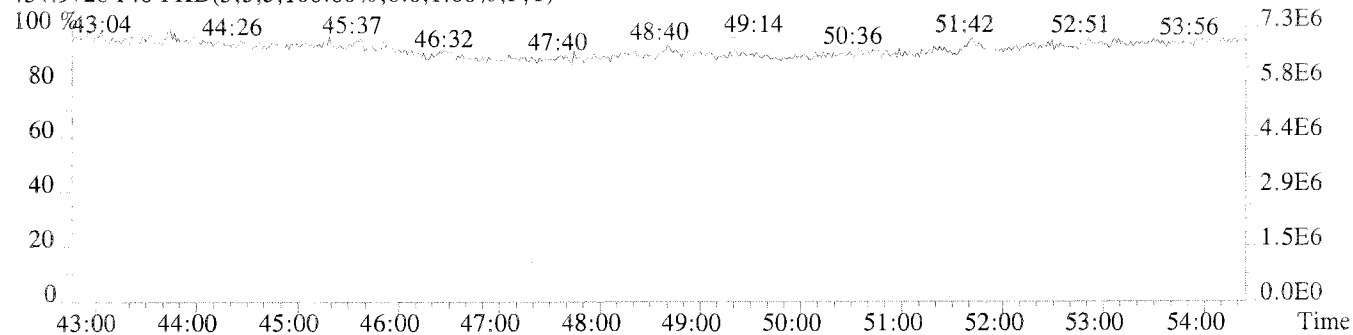
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1684.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1660.0,1.00%,F,T)



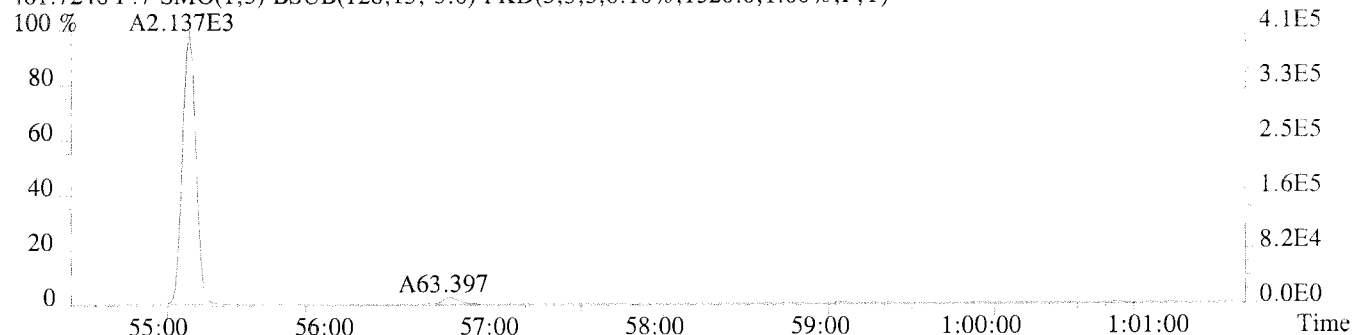
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



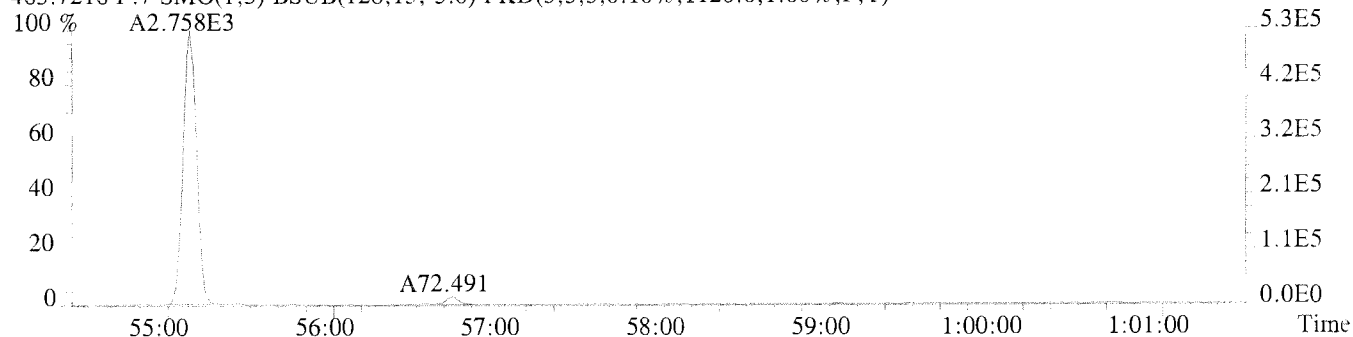
File:U224768 #1-400 Acq:17-JAN-2011 06:05:59 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

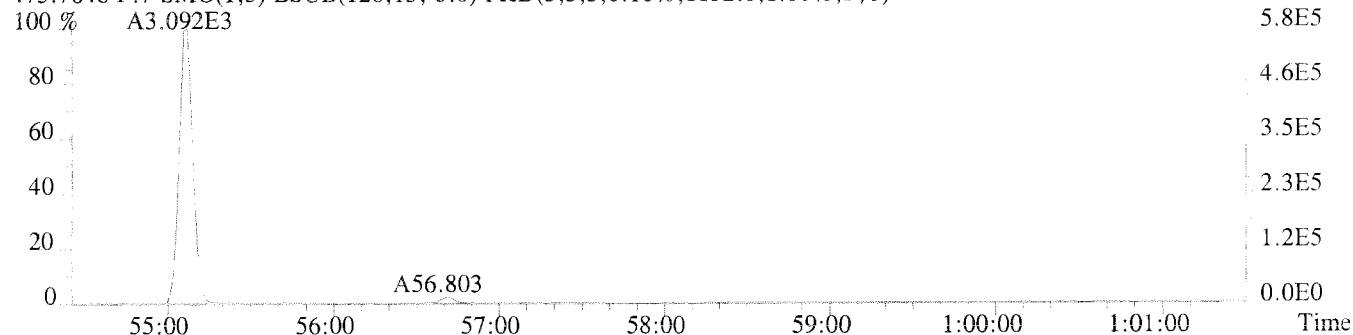
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1320.0,1.00%,F,T)



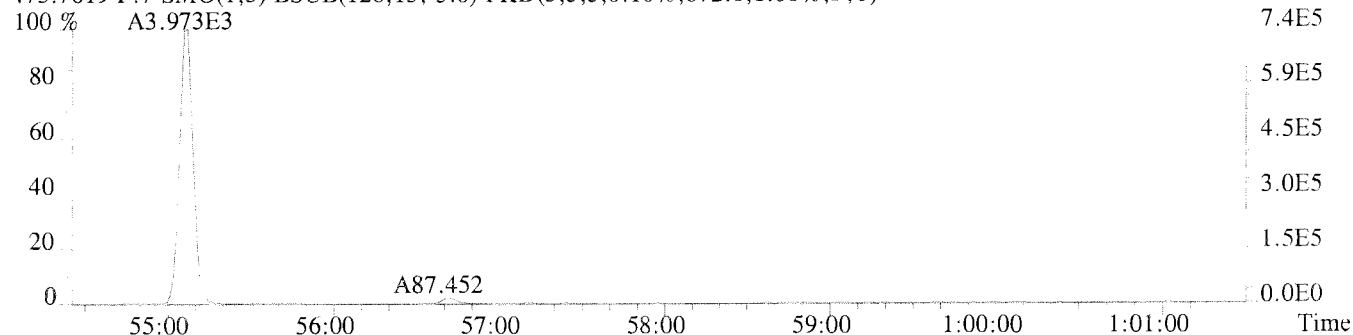
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1120.0,1.00%,F,T)



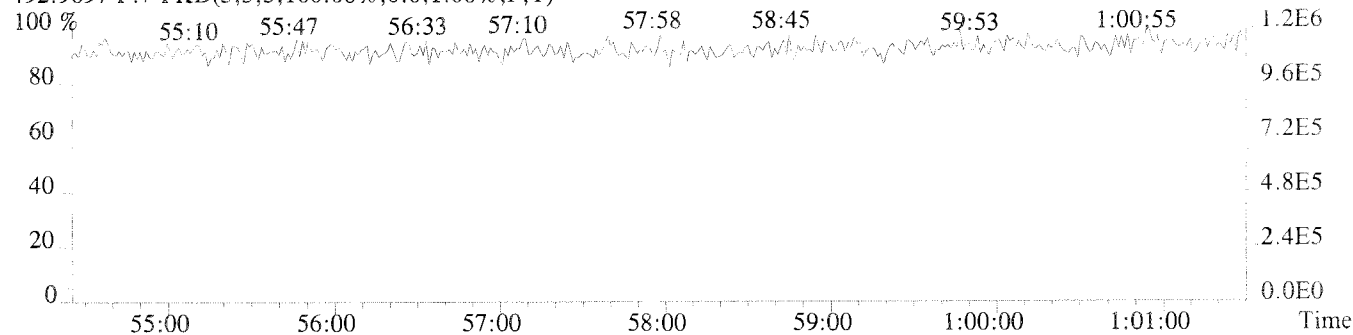
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1152.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,872.0,1.00%,F,T)

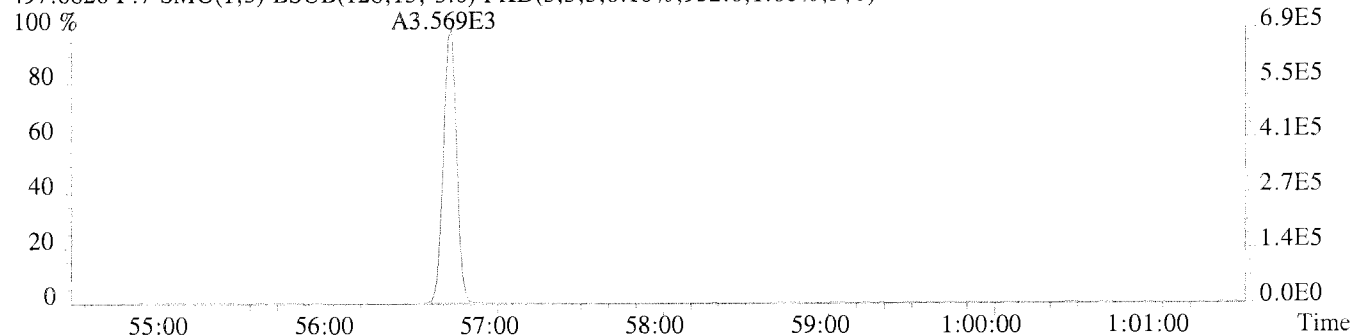


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

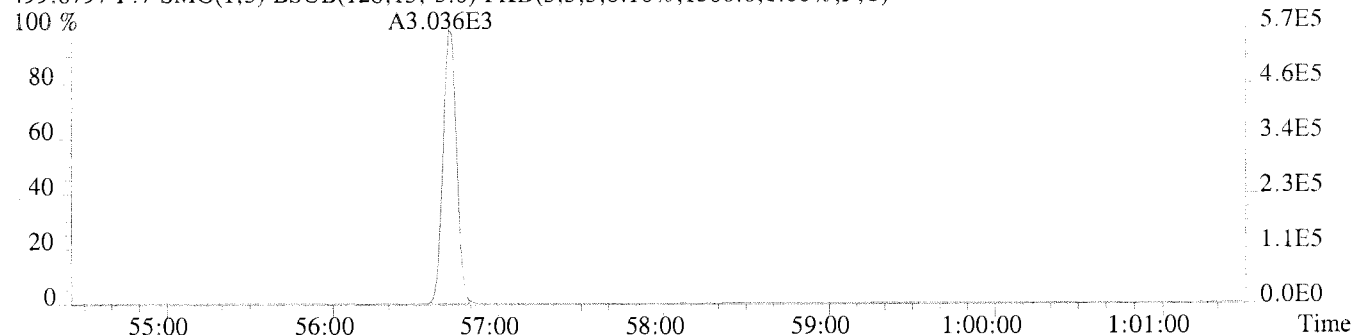


Sample#1 Exp:PCB 209 INJECTION

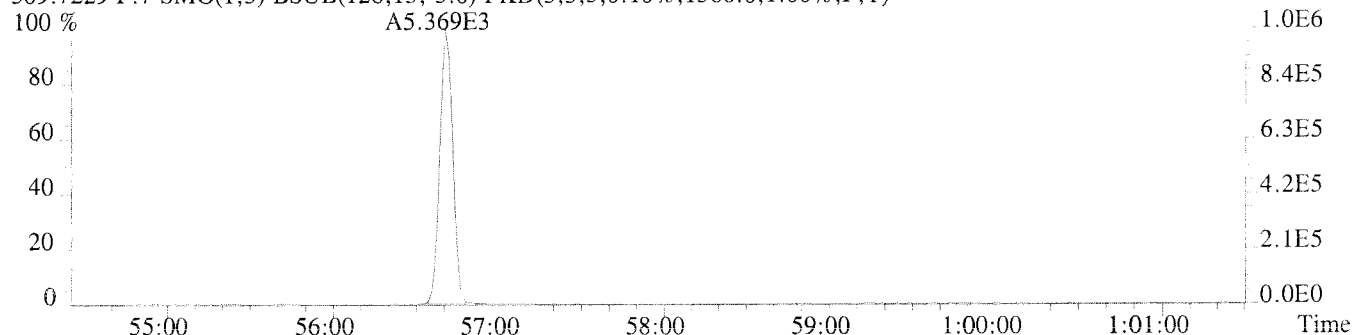
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,932.0,1.00%,F,T)



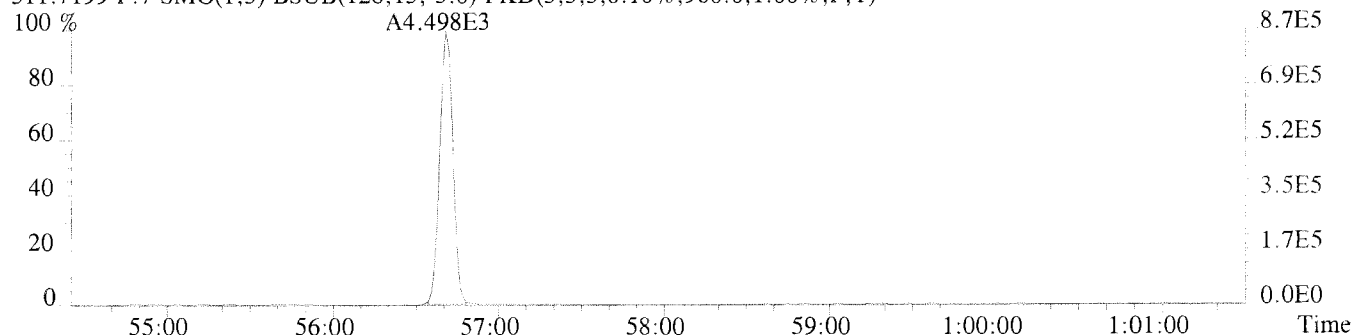
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1300.0,1.00%,F,T)



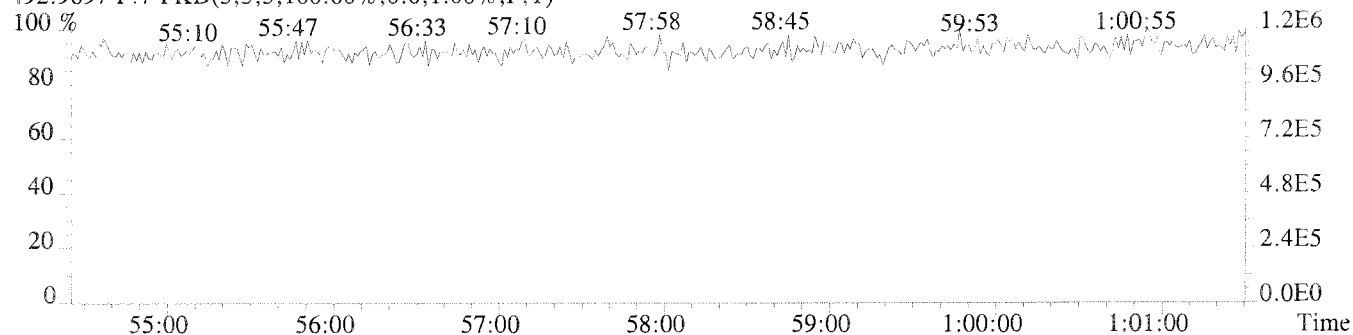
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1360.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,960.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



FORM 4A
PCB CALIBRATION VERIFICATION

Lab Name: Columbia Analytical Services Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 10/19/09

Instrument ID: Autospec Ultima GC Column ID: SPB-OCTYL

VER Data Filename: U224769

Analysis Date: 17-JAN-11 Time: 07:13:32

NATIVE ANALYTES	M/Z'S	ION	QC	CONC. FOUND	CONC.
	FORMING	ABUND.	LIMITS		RANGE (3)
	RATIO (1)	RATIO	(2)		(ng/mL)
2-MoCB	M/M+2	3.03	2.66-3.60	52.4	35.0 - 65.0
4-MoCB	M/M+2	3.13	2.66-3.60	52.2	35.0 - 65.0
22'-DiCB	M/M+2	1.58	1.33-1.79	46.0	35.0 - 65.0
44'-DiCB	M/M+2	1.59	1.33-1.79	52.2	35.0 - 65.0
22'6'-TrCB	M/M+2	1.01	0.88-1.20	49.6	35.0 - 65.0
344'-TrCB	M/M+2	1.02	0.88-1.20	52.8	35.0 - 65.0
22'66'-TeCB	M/M+2	0.77	0.65-0.89	50.5	35.0 - 65.0
344'5-TeCB	M/M+2	0.81	0.65-0.89	51.5	35.0 - 65.0
33'44'-TeCB	M/M+2	0.79	0.65-0.89	55.0	35.0 - 65.0
22'466'-PeCB	M+2/M+4	1.55	1.32-1.78	46.5	35.0 - 65.0
2'344'5-PeCB	M+2/M+4	1.59	1.32-1.78	47.6	35.0 - 65.0
23'44'5-PeCB	M+2/M+4	1.57	1.32-1.78	41.9	35.0 - 65.0
2344'5-PeCB	M+2/M+4	1.51	1.32-1.78	45.8	35.0 - 65.0
233'44'-PeCB	M+2/M+4	1.50	1.32-1.78	48.1	35.0 - 65.0
33'44'5-PeCB	M+2/M+4	1.60	1.32-1.78	45.8	35.0 - 65.0
22'44'66'-HxCB	M+2/M+4	1.20	1.05-1.43	48.5	35.0 - 65.0
23'44'55'-HxCB	M+2/M+4	1.23	1.05-1.43	51.3	35.0 - 65.0
233'44'5-HxCB	M+2/M+4	1.25	1.05-1.43	98.3	70.0 -130.0
33'44'55'-HxCB	M+2/M+4	1.24	1.05-1.43	51.2	35.0 - 65.0
22'34'566'-HpCB	M+2/M+4	1.03	0.89-1.21	48.1	35.0 - 65.0
233'44'55'-HpCB	M+2/M+4	1.05	0.89-1.21	53.3	35.0 - 65.0
22'33'55'66'-OcCB	M+2/M+4	0.89	0.76-1.02	53.7	35.0 - 65.0
233'44'55'6-OcCB	M+2/M+4	0.90	0.76-1.02	48.7	35.0 - 65.0
22'33'4'55'66'-NoCB	M+2/M+4	0.79	0.65-0.89	50.9	35.0 - 65.0
22'33'44'55'6-NoCB	M+2/M+4	0.80	0.65-0.89	51.7	35.0 - 65.0
DeCB	M+4/M+6	1.17	0.99-1.33	51.5	35.0 - 65.0

(1) See Table 7, Method 1668A, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 8, Method 1668A.

(3) Contract-required concentration range as specified in Table 6, Method 1668A, under VER.

SP1668F4AU

FORM 4B
PCB CALIBRATION VERIFICATION

Lab Name: Columbia Analytical Services Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 10/19/09

Instrument ID: Autospec Ultima GC Column ID: SPB-OCTYL

VER Data Filename: U224769

Analysis Date: 17-JAN-11 Time: 07:13:32

LABELLED COMPOUNDS	M/Z'S FORMING RATIO (1)	ION ABUND. RATIO	QC LIMITS (2)	CONC. FOUND	CONC. RANGE (3) (ng/mL)
13C-2-MoCB	M/M+2	3.05	2.66-3.60	100.4	50.0 - 150.0
13C-4-MoCB	M/M+2	3.20	2.66-3.60	95.7	50.0 - 150.0
13C-22'-DiCB	M/M+2	1.50	1.33-1.79	110.9	50.0 - 150.0
13C-44'-DiCB	M/M+2	1.60	1.33-1.79	99.0	50.0 - 150.0
13C-22'6'-TrCB	M/M+2	1.02	0.88-1.20	104.4	50.0 - 150.0
13C-344'-TrCB	M/M+2	1.09	0.88-1.20	97.3	50.0 - 150.0
13C-22'66'-TeCB	M/M+2	0.78	0.65-0.89	118.8	50.0 - 150.0
13C-344'5'-TeCB	M/M+2	0.78	0.65-0.89	101.1	50.0 - 150.0
13C-33'44'-TeCB	M/M+2	0.80	0.65-0.89	97.8	50.0 - 150.0
13C-22'466'-PeCB	M+2/M+4	1.55	1.32-1.78	115.6	50.0 - 150.0
13C-2'344'5'-PeCB	M+2/M+4	1.58	1.32-1.78	90.7	50.0 - 150.0
13C-23'44'5'-PeCB	M+2/M+4	1.60	1.32-1.78	96.5	50.0 - 150.0
13C-2344'5'-PeCB	M+2/M+4	1.59	1.32-1.78	89.2	50.0 - 150.0
13C-233'44'-PeCB	M+2/M+4	1.55	1.32-1.78	86.1	50.0 - 150.0
13C-33'44'5'-PeCB	M+2/M+4	1.61	1.32-1.78	94.0	50.0 - 150.0
13C-22'44'66'-HxCB	M+2/M+4	1.25	1.05-1.43	124.5	50.0 - 150.0
13C-23'44'55'-HxCB	M+2/M+4	1.29	1.05-1.43	95.8	50.0 - 150.0
13C-233'44'5'-HxCB	M+2/M+4	1.28	1.05-1.43	206.2	100.0 - 300.0
13C-33'44'55'-HxCB	M+2/M+4	1.27	1.05-1.43	99.9	50.0 - 150.0
13C-22'34'566'-HpCB	M+2/M+4	1.05	0.89-1.21	97.1	50.0 - 150.0
13C-233'44'55'-HpCB	M+2/M+4	1.05	0.89-1.21	87.8	50.0 - 150.0
13C-22'33'55'66'-OcCB	M+2/M+4	0.90	0.76-1.02	94.3	50.0 - 150.0
13C-233'44'55'6'-OcCB	M+2/M+4	0.88	0.76-1.02	106.4	50.0 - 150.0
13C-22'33'4'55'66'-NoCB	M+2/M+4	0.78	0.65-0.89	111.5	50.0 - 150.0
13C-22'33'44'55'6'-NoCB	M+2/M+4	0.79	0.65-0.89	79.9	50.0 - 150.0
13C-DeCB	M+4/M+6	1.17	0.99-1.33	85.8	50.0 - 150.0

CLEANUP STANDARDS

13C-244'-TrCB	M/M+2	1.10	0.88-1.20	94.3	50.0 - 150.0
13C-233'55'-PeCB	M+2/M+4	1.59	1.32-1.78	98.3	50.0 - 150.0
13C-22'33'55'6'-HpCB	M+2/M+4	1.04	0.89-1.21	108.2	50.0 - 150.0

(1) See Table 7, Method 1668A, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 8, Method 1668A.

(3) Contract-required concentration range, as specified in Table 6, Method 1668A, under VER.

SP1668F4Bu

Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
CCAL CS3

Run #6 Filename U224769 #1 Samp: 1 Inj: 1 Acquired: 17-JAN-11 07:13:32
Processed: 18-JAN-11 10:28:29 LAB. ID: CCAL CS3

Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT	
1	1	2-MoCB	12:57	1.755e+04	5.785e+03	3.03	yes	no	1.001
2	3	4-MoCB	15:08	1.708e+04	5.452e+03	3.13	yes	no	1.001
3	4	22'-DiCB	15:23	9.685e+03	6.139e+03	1.58	yes	no	1.001
4	15	44'-DiCB	21:19	1.152e+04	7.248e+03	1.59	yes	no	1.001
5	19	22'6'-TrCB	18:31	5.879e+03	5.793e+03	1.01	yes	no	1.001
6	37	344'-TrCB	28:20	1.001e+04	9.810e+03	1.02	yes	no	1.001
7	54	22'66'-TeCB	21:36	8.546e+03	1.113e+04	0.77	yes	no	1.001
8	81	344'5'-TeCB	35:03	7.402e+03	9.180e+03	0.81	yes	no	1.000
9	77	33'44'-TeCB	35:37	7.263e+03	9.156e+03	0.79	yes	no	1.001
10	104	22'466'-PeCB	27:05	1.191e+04	7.707e+03	1.55	yes	no	1.001
11	123	2'344'5'-PeCB	37:35	8.523e+03	5.349e+03	1.59	yes	no	1.001
12	118	23'44'5'-PeCB	37:53	8.353e+03	5.334e+03	1.57	yes	no	1.000
13	114	2344'5'-PeCB	38:25	8.071e+03	5.335e+03	1.51	yes	no	1.000
14	105	233'44'-PeCB	39:05	7.748e+03	5.179e+03	1.50	yes	no	1.000
15	126	33'44'5'-PeCB	42:10	7.490e+03	4.690e+03	1.60	yes	no	1.001
16	155	22'44'66'-HxCB	32:42	1.099e+04	9.175e+03	1.20	yes	no	1.001
17	167	23'44'55'-HxCB	43:59	6.255e+03	5.099e+03	1.23	yes	no	1.001
18	156/7	233'44'5'-HxCB	45:08	1.232e+04	9.865e+03	1.25	yes	no	1.000
19	169	33'44'55'-HxCB	48:22	5.548e+03	4.473e+03	1.24	yes	no	1.001
20	188	22'34'566'-HpCB	38:24	7.783e+03	7.542e+03	1.03	yes	no	1.000
21	189	233'44'55'-HpCB	50:50	4.563e+03	4.354e+03	1.05	yes	no	1.000
22	202	22'33'55'66'-OcCB	43:45	5.058e+03	5.689e+03	0.89	yes	no	1.000
23	205	233'44'55'6'-OcCB	53:23	4.190e+03	4.656e+03	0.90	yes	no	1.000
24	208	22'33'4'55'66'-NoCB	50:21	4.593e+03	5.851e+03	0.79	yes	no	1.000
25	206	22'33'44'55'6'-NoCB	55:07	2.820e+03	3.516e+03	0.80	yes	no	1.000
26	209	DeCB	56:42	4.925e+03	4.195e+03	1.17	yes	no	1.001
27	1L	13C-2-MoCB	12:56	3.157e+04	1.036e+04	3.05	yes	no	0.745
28	3L	13C-4-MoCB	15:07	3.112e+04	9.720e+03	3.20	yes	no	0.871
29	4L	13C-22'-DiCB	15:22	2.167e+04	1.448e+04	1.50	yes	no	0.886
30	15L	13C-44'-DiCB	21:18	2.256e+04	1.410e+04	1.60	yes	no	1.228
31	19L	13C-22'6'-TrCB	18:30	1.162e+04	1.144e+04	1.02	yes	no	1.066
32	37L	13C-344'-TrCB	28:19	1.814e+04	1.657e+04	1.09	yes	no	1.084
33	54L	13C-22'66'-TeCB	21:35	1.768e+04	2.279e+04	0.78	yes	no	0.826
34	81L	13C-344'5'-TeCB	35:02	1.305e+04	1.666e+04	0.78	yes	no	1.341
35	77L	13C-33'44'-TeCB	35:35	1.279e+04	1.603e+04	0.80	yes	no	1.362
36	104L	13C-22'466'-PeCB	27:03	2.557e+04	1.651e+04	1.55	yes	no	0.821
37	123L	13C-2'344'5'-PeCB	37:33	1.659e+04	1.050e+04	1.58	yes	no	1.140
38	118L	13C-23'44'5'-PeCB	37:53	1.819e+04	1.140e+04	1.60	yes	no	1.150
39	114L	13C-2344'5'-PeCB	38:24	1.665e+04	1.048e+04	1.59	yes	no	1.166
40	105L	13C-233'44'-PeCB	39:04	1.543e+04	9.928e+03	1.55	yes	no	1.186
41	126L	13C-33'44'5'-PeCB	42:08	1.577e+04	9.779e+03	1.61	yes	no	1.279
42	155L	13C-22'44'66'-HxCB	32:41	2.359e+04	1.893e+04	1.25	yes	no	0.798
43	167L	13C-23'44'55'-HxCB	43:57	1.213e+04	9.376e+03	1.29	yes	no	1.073
44	156/7	13C-233'44'5'-HxCB	45:07	2.376e+04	1.863e+04	1.28	yes	no	1.101
45	169L	13C-33'44'55'-HxCB	48:20	1.058e+04	8.337e+03	1.27	yes	no	1.180
46	188L	13C-22'34'566'-HpCB	38:23	1.721e+04	1.634e+04	1.05	yes	no	0.726
47	189L	13C-233'44'55'-HpCB	50:49	9.416e+03	8.934e+03	1.05	yes	no	0.961
48	202L	13C-22'33'55'66'-OcCB	43:44	1.095e+04	1.210e+04	0.90	yes	no	0.827
49	205L	13C-233'44'55'6'-OcCB	53:22	9.143e+03	1.034e+04	0.88	yes	no	1.009
50	208L	13C-22'33'4'55'66'-NoCB	50:20	9.824e+03	1.259e+04	0.78	yes	no	0.951
51	206L	13C-22'33'44'55'6'-NoCB	55:06	5.771e+03	7.297e+03	0.79	yes	no	1.042
52	209L	13C-DeCB	56:40	1.035e+04	8.816e+03	1.17	yes	no	1.071

53	28L	13C-244'-TrCB	24:18	2.053e+04	1.867e+04	1.10	yes	no	0.930
54	111L	13C-233'55'-PeCB	35:35	1.836e+04	1.158e+04	1.59	yes	no	1.080
55	178L	13C-22'33'55'6'-HpCB	41:25	1.056e+04	1.012e+04	1.04	yes	no	1.011
56	9L	13C-2,5-DiCB	17:21	2.192e+04	1.402e+04	1.56	yes	no	*
57	52L	13C-22'55'-TeCB	26:07	1.180e+04	1.522e+04	0.78	yes	no	*
58	101L	13C-22'4'55'-PeCB	32:56	1.505e+04	9.543e+03	1.58	yes	no	*
59	138L	13C-22'3'44'5'-HxCB	40:58	1.192e+04	9.442e+03	1.26	yes	no	*
60	194L	13C-22'33'44'55'-OcCB	52:54	6.612e+03	7.297e+03	0.91	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
CCAL CS3

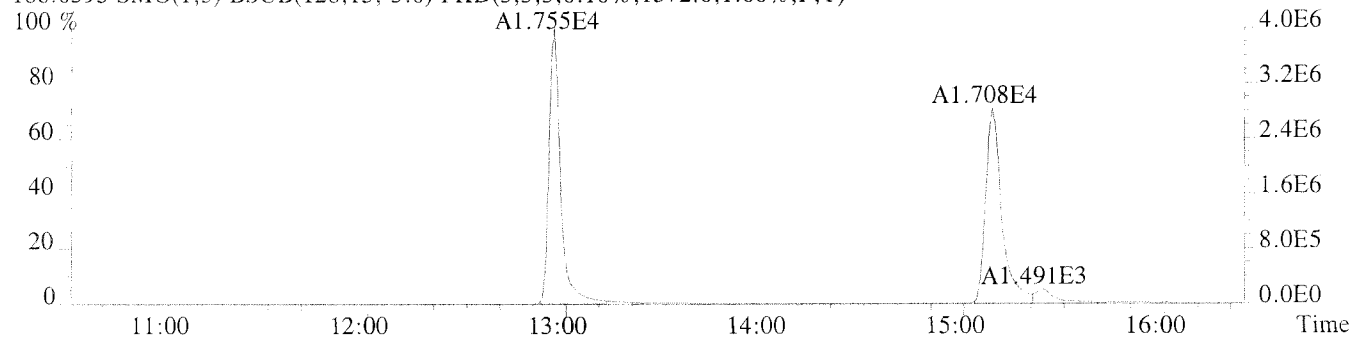
Run #6 Filename U224769 Samp: 1 Inj: 1 Acquired: 17-JAN-11 07:13:32
Processed: 18-JAN-11 10:28:291 LAB. ID: CCAL CS3

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	4.02e+06	1.57e+03	2.6e+03	1.31e+06	2.09e+03	6.2e+02
2	4-MoCB	2.84e+06	1.57e+03	1.8e+03	9.10e+05	2.09e+03	4.4e+02
3	22'-DiCB	1.96e+06	5.62e+03	3.5e+02	1.27e+06	3.88e+04	3.3e+01
4	44'-DiCB	1.64e+06	4.80e+03	3.4e+02	1.05e+06	3.06e+04	3.4e+01
5	22'6'-TrCB	1.23e+06	1.93e+03	6.4e+02	1.19e+06	1.61e+03	7.4e+02
6	344'-TrCB	1.23e+06	2.54e+03	4.8e+02	1.20e+06	2.61e+03	4.6e+02
7	22'66'-TeCB	1.68e+06	1.33e+03	1.3e+03	2.21e+06	1.38e+03	1.6e+03
8	344'5'-TeCB	1.03e+06	1.37e+03	7.5e+02	1.30e+06	1.50e+03	8.7e+02
9	33'44'-TeCB	9.04e+05	1.37e+03	6.6e+02	1.18e+06	1.50e+03	7.9e+02
10	22'466'-PeCB	2.01e+06	1.44e+03	1.4e+03	1.29e+06	2.06e+03	6.3e+02
11	2'344'5'-PeCB	1.40e+06	2.83e+04	5.0e+01	8.78e+05	1.63e+04	5.4e+01
12	23'44'5'-PeCB	1.40e+06	2.83e+04	5.0e+01	8.82e+05	1.63e+04	5.4e+01
13	2344'5'-PeCB	1.35e+06	2.83e+04	4.8e+01	8.91e+05	1.63e+04	5.5e+01
14	233'44'5'-PeCB	1.23e+06	2.83e+04	4.4e+01	8.05e+05	1.63e+04	4.9e+01
15	33'44'5'-PeCB	1.08e+06	2.83e+04	3.8e+01	6.79e+05	1.63e+04	4.2e+01
16	22'44'66'-HxCB	1.95e+06	1.13e+03	1.7e+03	1.62e+06	1.02e+03	1.6e+03
17	23'44'55'-HxCB	1.21e+06	1.96e+03	6.2e+02	9.76e+05	1.43e+03	6.8e+02
18	233'44'5'-HxCB	1.71e+06	1.96e+03	8.7e+02	1.35e+06	1.43e+03	9.4e+02
19	33'44'55'-HxCB	9.37e+05	1.96e+03	4.8e+02	7.82e+05	1.43e+03	5.5e+02
20	22'34'566'-HpCB	1.39e+06	7.40e+02	1.9e+03	1.35e+06	9.52e+02	1.4e+03
21	233'44'55'-HpCB	8.69e+05	1.46e+03	5.9e+02	8.10e+05	1.37e+03	5.9e+02
22	22'33'55'66'-OoCB	1.12e+06	1.53e+03	7.3e+02	1.28e+06	1.36e+03	9.4e+02
23	233'44'55'6'-OoCB	8.37e+05	1.53e+03	5.5e+02	9.19e+05	1.36e+03	6.7e+02
24	22'33'4'55'66'-NoCB	9.63e+05	1.37e+03	7.0e+02	1.23e+06	1.38e+03	9.0e+02
25	22'33'44'55'6'-NoCB	5.39e+05	1.18e+03	4.6e+02	6.71e+05	1.14e+03	5.9e+02
26	DeCB	9.24e+05	8.92e+02	1.0e+03	7.93e+05	9.60e+02	8.3e+02
27	13C-2-MoCB	7.35e+06	2.09e+03	3.5e+03	2.40e+06	1.39e+04	1.7e+02
28	13C-4-MoCB	5.19e+06	2.09e+03	2.5e+03	1.66e+06	1.39e+04	1.2e+02
29	13C-22'-DiCB	4.37e+06	5.21e+03	8.4e+02	2.91e+06	2.47e+03	1.2e+03
30	13C-44'-DiCB	3.16e+06	4.61e+03	6.8e+02	1.99e+06	2.24e+03	8.9e+02
31	13C-22'6'-TrCB	2.45e+06	1.53e+04	1.6e+02	2.38e+06	1.30e+04	1.8e+02
32	13C-344'-TrCB	2.30e+06	2.03e+04	1.1e+02	2.12e+06	1.45e+04	1.5e+02
33	13C-22'66'-TeCB	3.46e+06	3.58e+03	9.7e+02	4.46e+06	2.28e+03	2.0e+03
34	13C-344'5'-TeCB	1.85e+06	3.82e+03	4.8e+02	2.38e+06	1.83e+03	1.3e+03
35	13C-33'44'-TeCB	1.65e+06	3.82e+03	4.3e+02	2.07e+06	1.83e+03	1.1e+03
36	13C-22'466'-PeCB	4.35e+06	1.72e+03	2.5e+03	2.79e+06	1.44e+03	1.9e+03
37	13C-2'344'5'-PeCB	2.68e+06	5.38e+03	5.0e+02	1.71e+06	2.54e+03	6.7e+02
38	13C-23'44'5'-PeCB	2.85e+06	5.38e+03	5.3e+02	1.77e+06	2.54e+03	7.0e+02
39	13C-2344'5'-PeCB	2.61e+06	5.38e+03	4.8e+02	1.65e+06	2.54e+03	6.5e+02
40	13C-233'44'-PeCB	2.37e+06	5.38e+03	4.4e+02	1.48e+06	2.54e+03	5.8e+02
41	13C-33'44'5'-PeCB	2.13e+06	5.38e+03	4.0e+02	1.32e+06	2.54e+03	5.2e+02
42	13C-22'44'66'-HxCB	4.11e+06	1.59e+03	2.6e+03	3.27e+06	1.13e+03	2.9e+03
43	13C-23'44'55'-HxCB	2.33e+06	2.46e+03	9.5e+02	1.83e+06	1.58e+03	1.2e+03
44	13C-233'44'5'-HxCB	3.25e+06	2.46e+03	1.3e+03	2.60e+06	1.58e+03	1.6e+03
45	13C-33'44'55'-HxCB	1.80e+06	2.46e+03	7.3e+02	1.40e+06	1.58e+03	8.9e+02
46	13C-22'34'566'-HpCB	3.03e+06	7.96e+02	3.8e+03	2.86e+06	5.00e+02	5.7e+03
47	13C-233'44'55'-HpCB	1.80e+06	1.92e+03	9.3e+02	1.74e+06	1.71e+03	1.0e+03
48	13C-22'33'55'66'-OoCB	2.38e+06	1.33e+03	1.8e+03	2.59e+06	1.40e+03	1.9e+03
49	13C-233'44'55'6'-OoCB	1.84e+06	1.33e+03	1.4e+03	2.09e+06	1.40e+03	1.5e+03
50	13C-22'33'4'55'66'-NoCB	2.09e+06	1.54e+03	1.4e+03	2.68e+06	1.40e+03	1.9e+03
51	13C-22'33'44'55'6'-NoCB	1.08e+06	9.72e+02	1.1e+03	1.34e+06	1.02e+03	1.3e+03
52	13C-DeCB	1.94e+06	1.03e+03	1.9e+03	1.67e+06	8.20e+02	2.0e+03

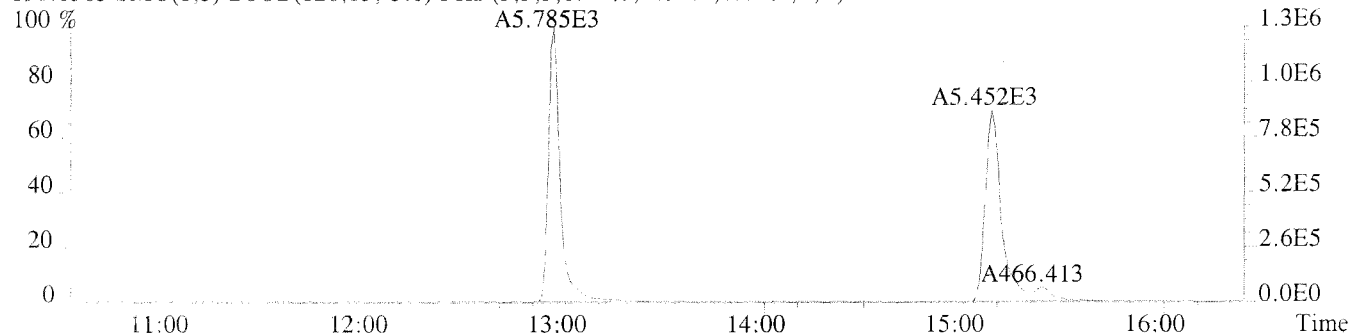
53	13C-244'-TrCB	2.91e+06	2.03e+04	1.4e+02	2.67e+06	1.45e+04	1.8e+02
54	13C-233'55'-PeCB	3.03e+06	1.57e+03	1.9e+03	1.92e+06	1.05e+03	1.8e+03
55	13C-22'33'55'6'-HpCB	1.89e+06	7.96e+02	2.4e+03	1.80e+06	5.00e+02	3.6e+03
56	13C-2,5-DiCB	4.07e+06	4.61e+03	8.8e+02	2.60e+06	2.24e+03	1.2e+03
57	13C-22'55'-TeCB	1.86e+06	3.61e+03	5.2e+02	2.39e+06	1.18e+03	2.0e+03
58	13C-22'4'55'-PeCB	2.51e+06	1.57e+03	1.6e+03	1.62e+06	1.05e+03	1.5e+03
59	13C-22'3'44'5'-HxCB	1.94e+06	1.13e+03	1.7e+03	1.57e+06	1.00e+03	1.6e+03
60	13C-22'33'44'55'-OCCB	1.37e+06	1.33e+03	1.0e+03	1.50e+06	1.40e+03	1.1e+03

Sample#1 Exp:CCAL CS3

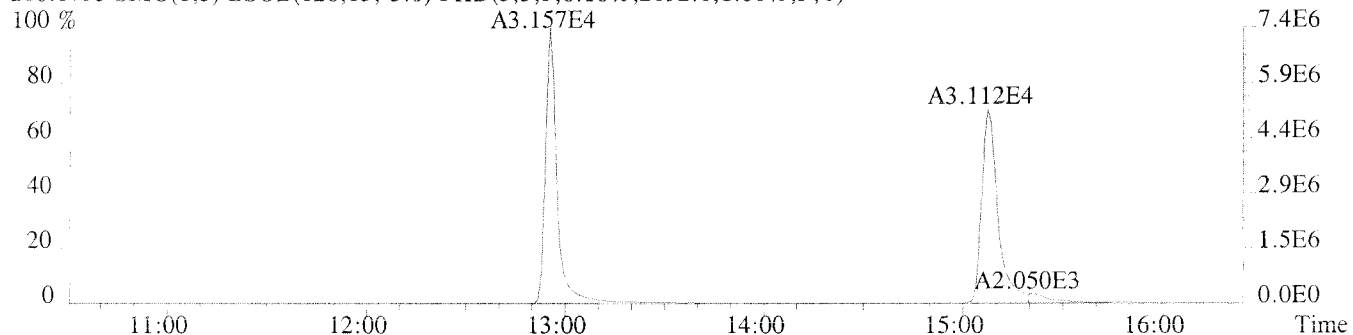
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1572.0,1.00%,F,T)



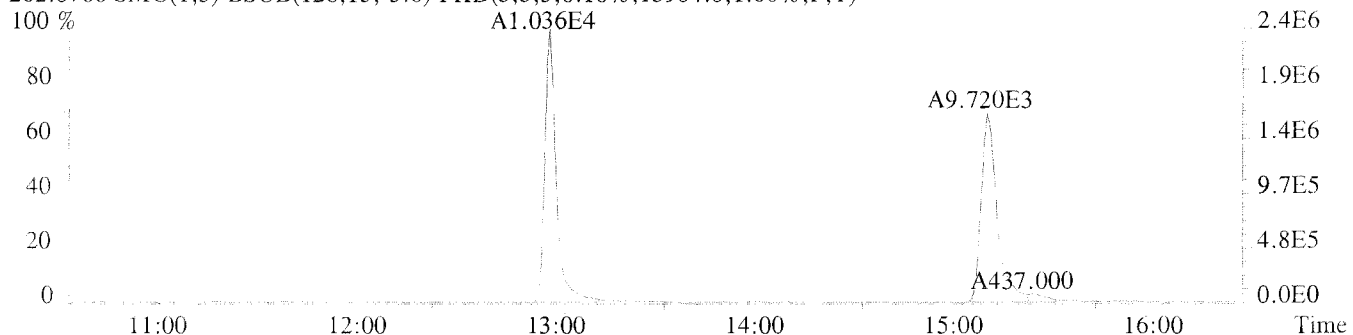
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2092.0,1.00%,F,T)



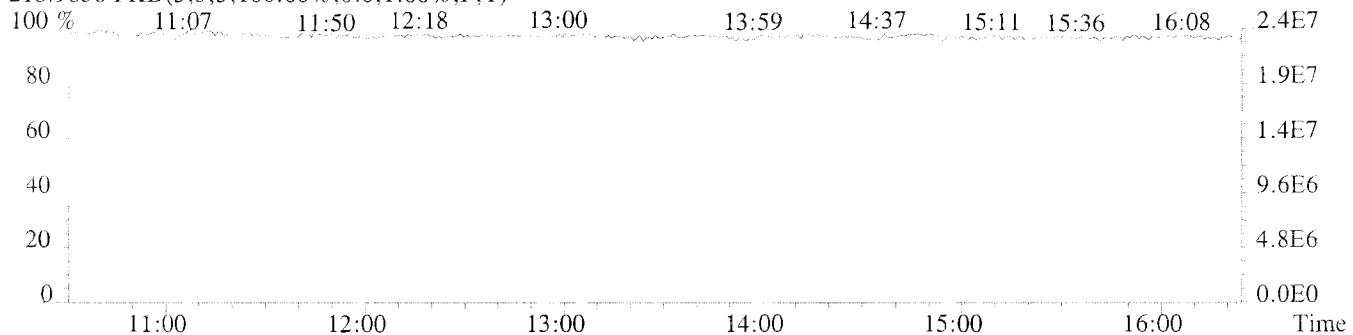
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2092.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13904.0,1.00%,F,T)

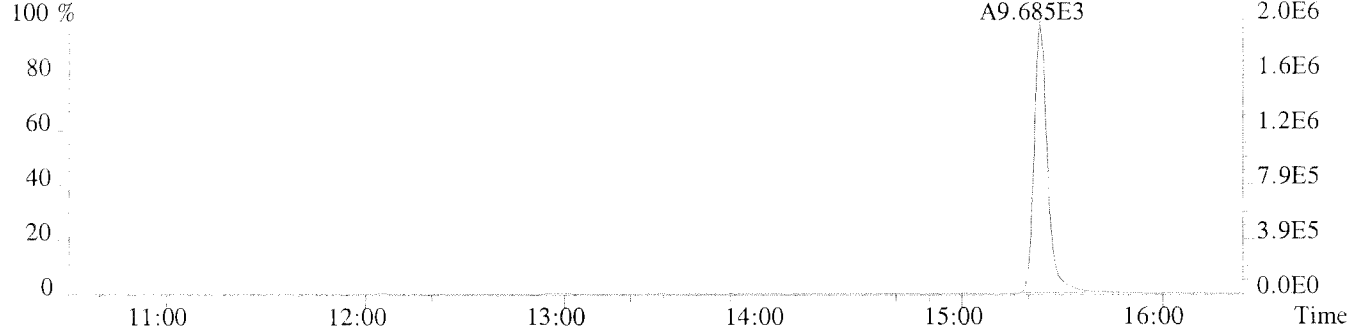


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

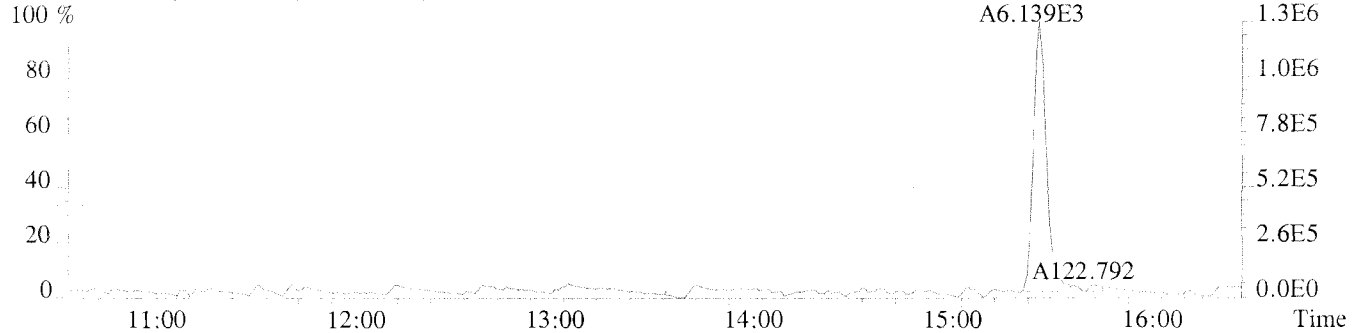


Sample#1 Exp:CCAL CS3

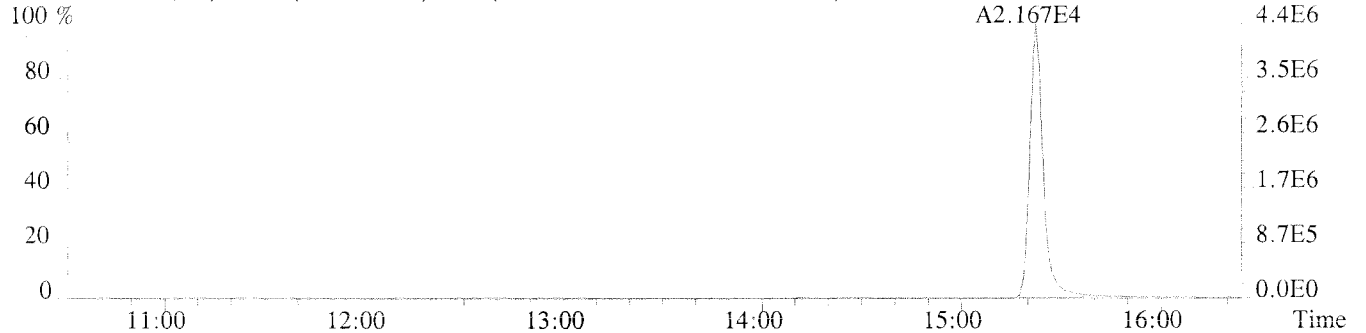
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5616.0,1.00%,F,T)



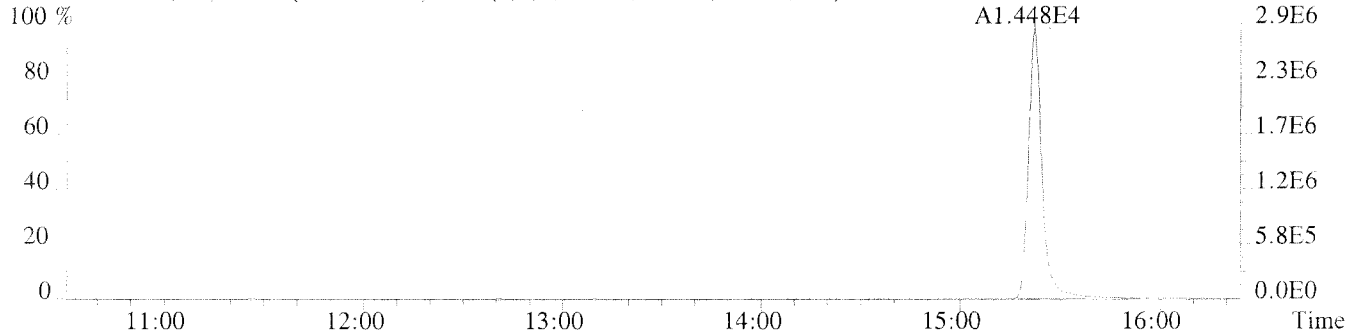
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,38832.0,1.00%,F,T)



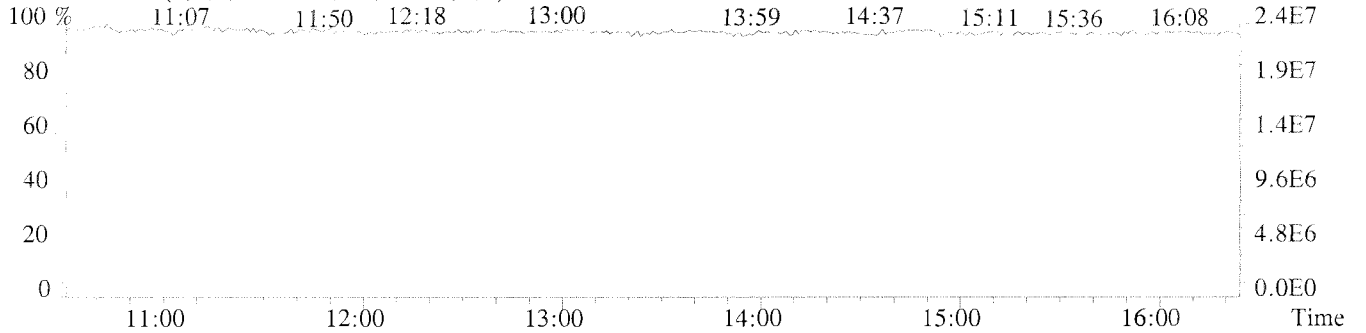
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5212.0,1.00%,F,T)



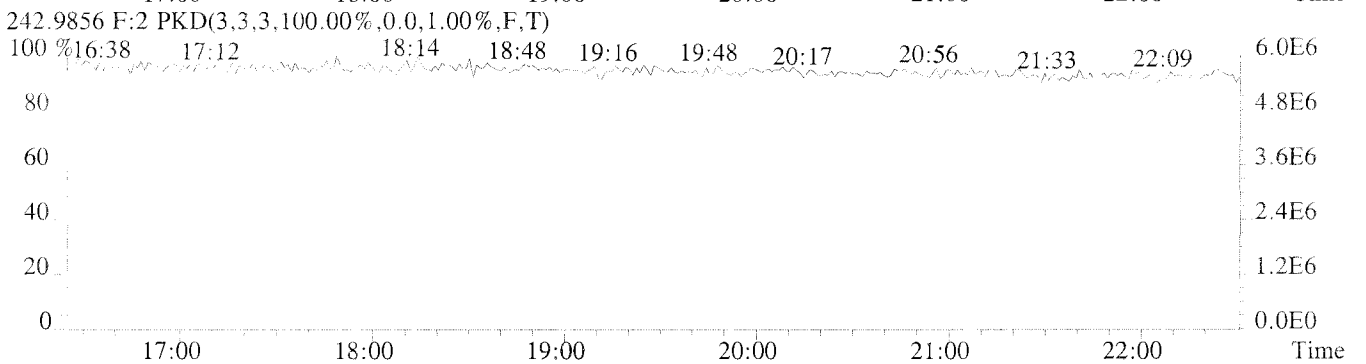
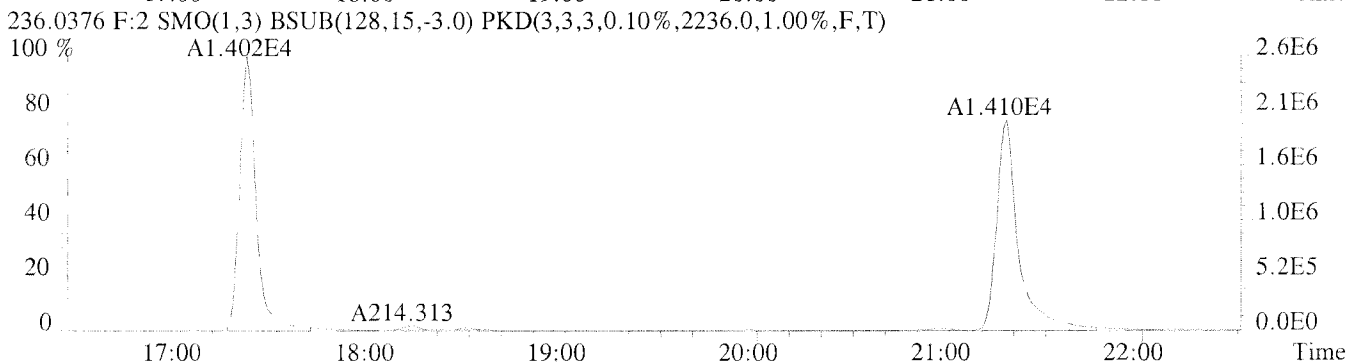
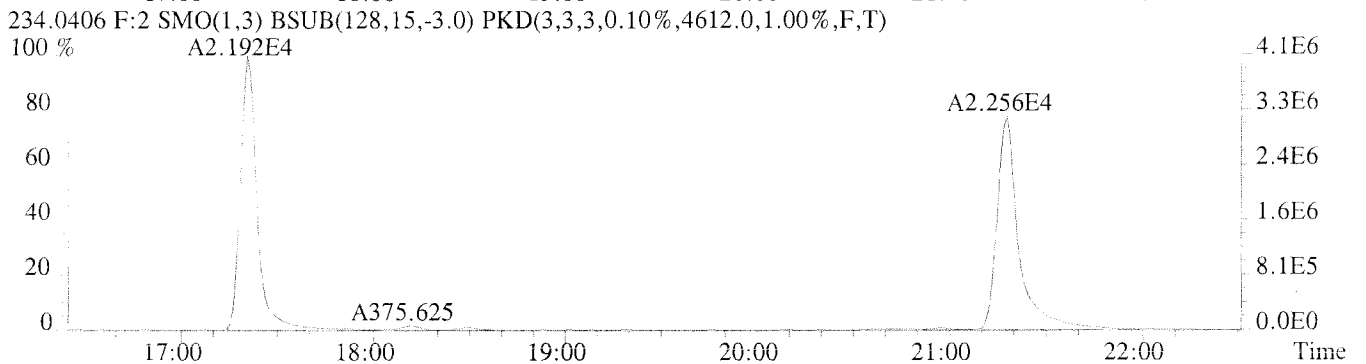
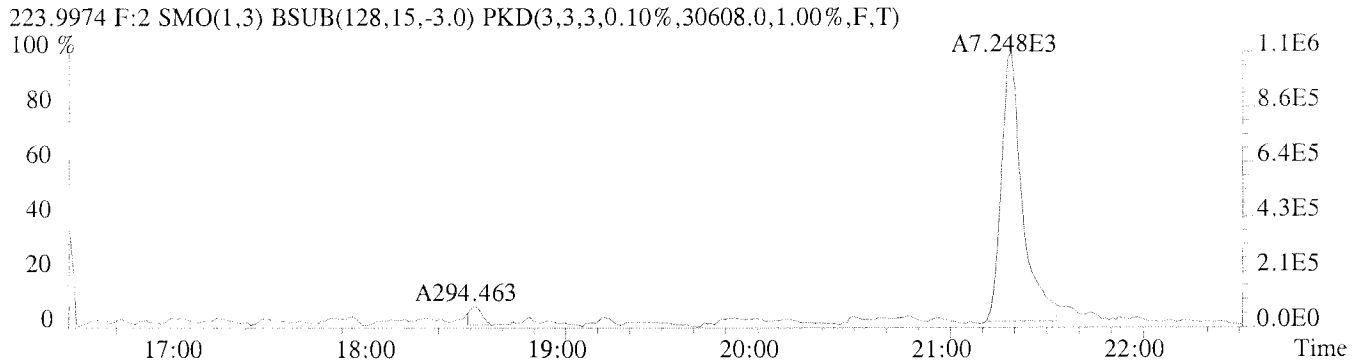
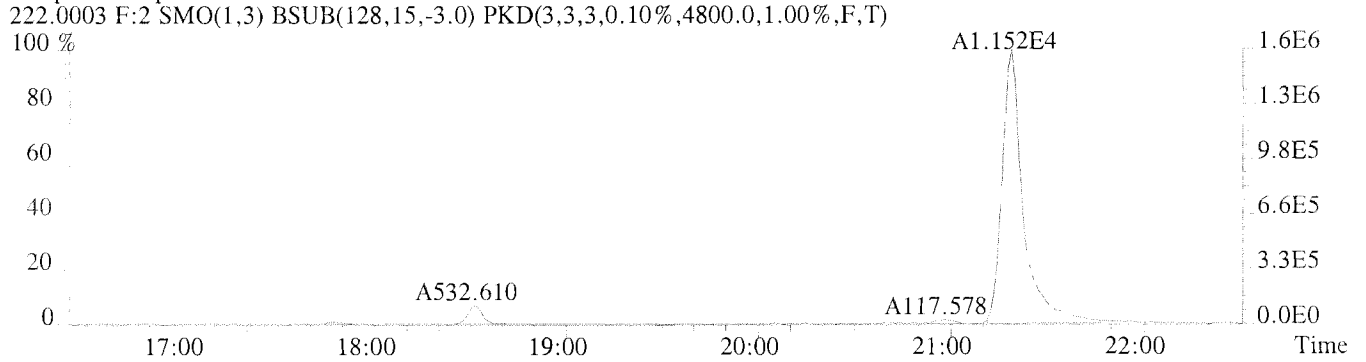
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2472.0,1.00%,F,T)



218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



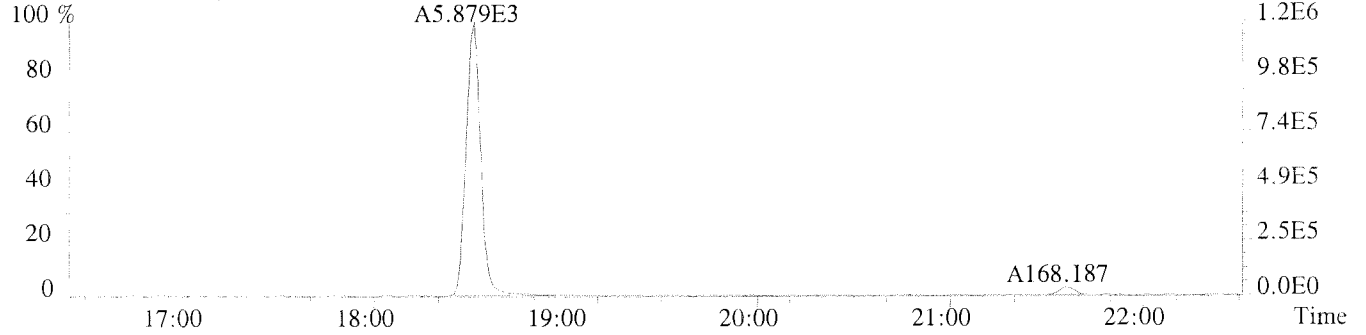
File:U224769 #1-337 Acq:17-JAN-2011 07:13:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:CCAL CS3



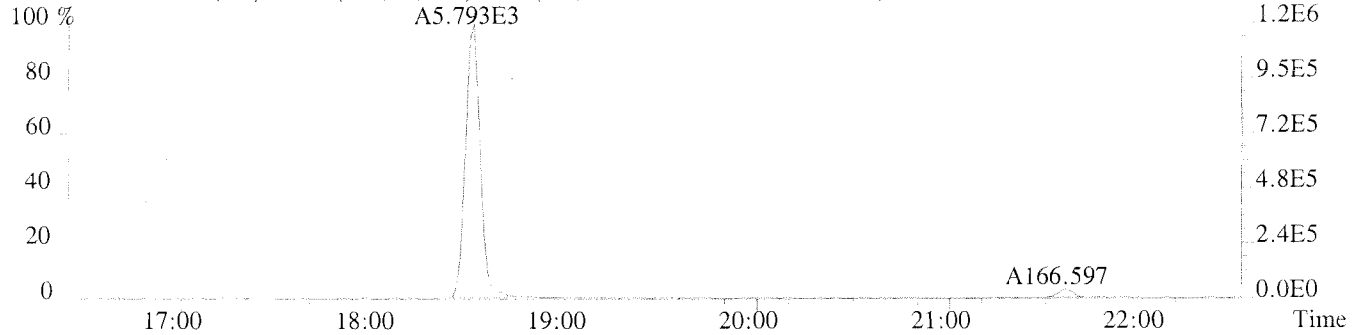
File:U224769 #1-337 Acq:17-JAN-2011 07:13:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

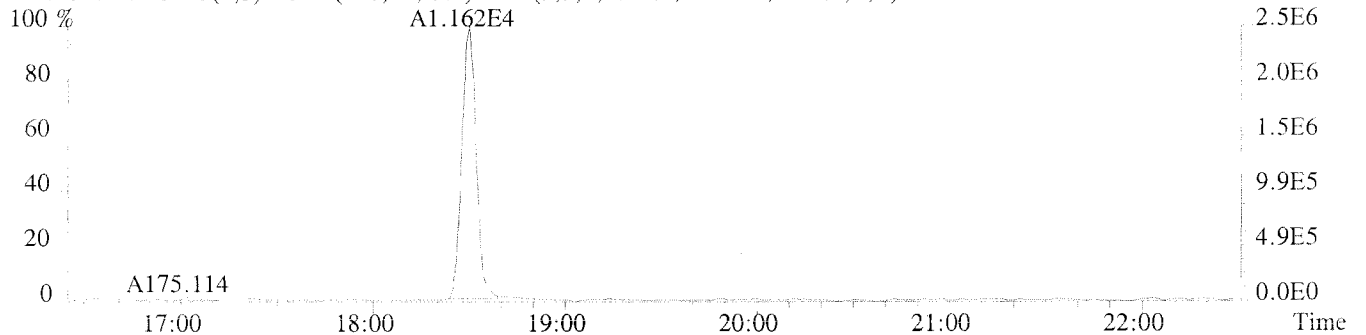
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1928.0,1.00%,F,T)



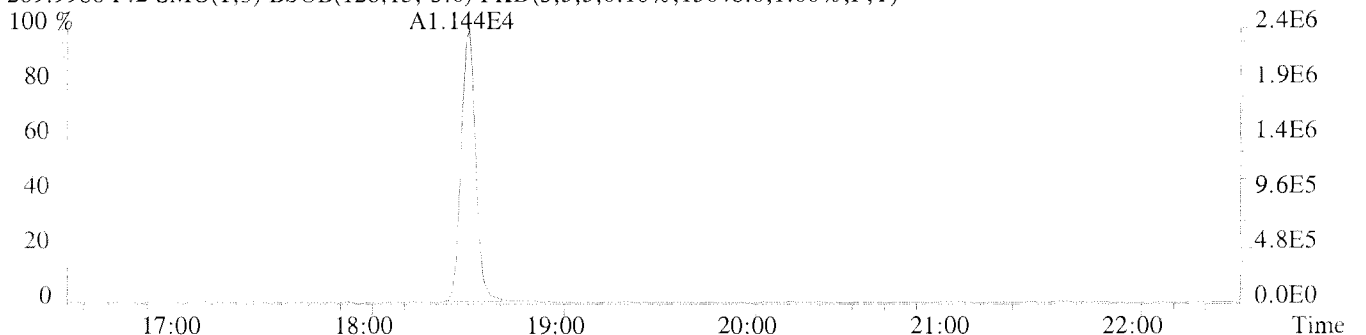
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1612.0,1.00%,F,T)



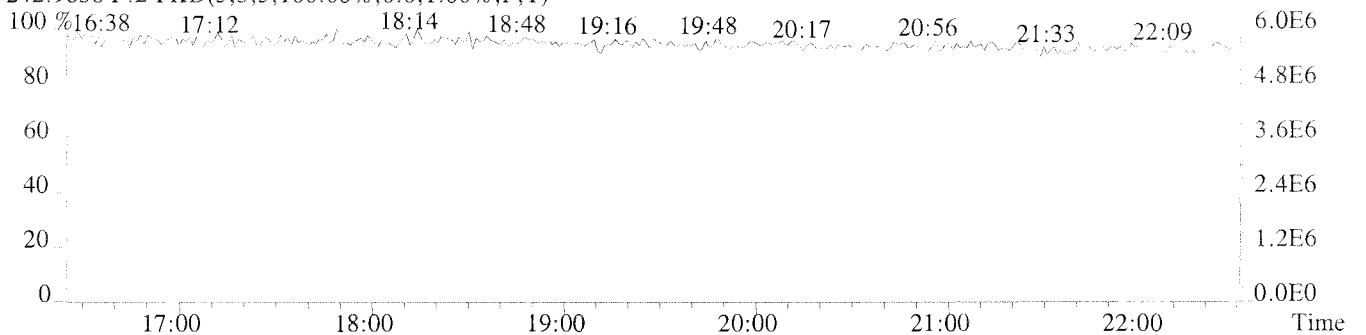
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15264.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13048.0,1.00%,F,T)

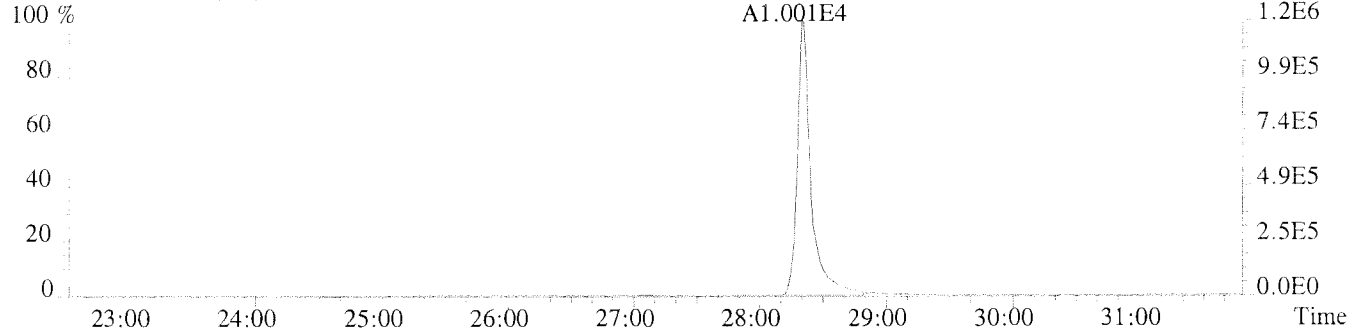


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

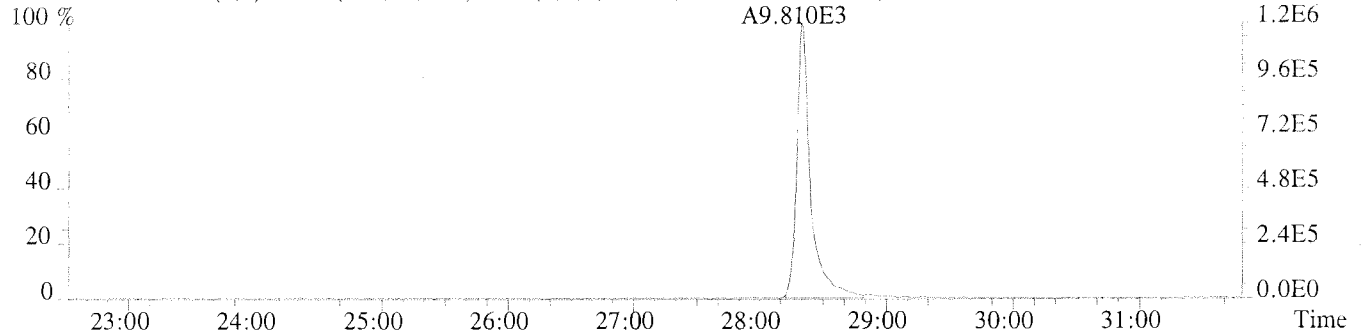


Sample#1 Exp:CCAL CS3

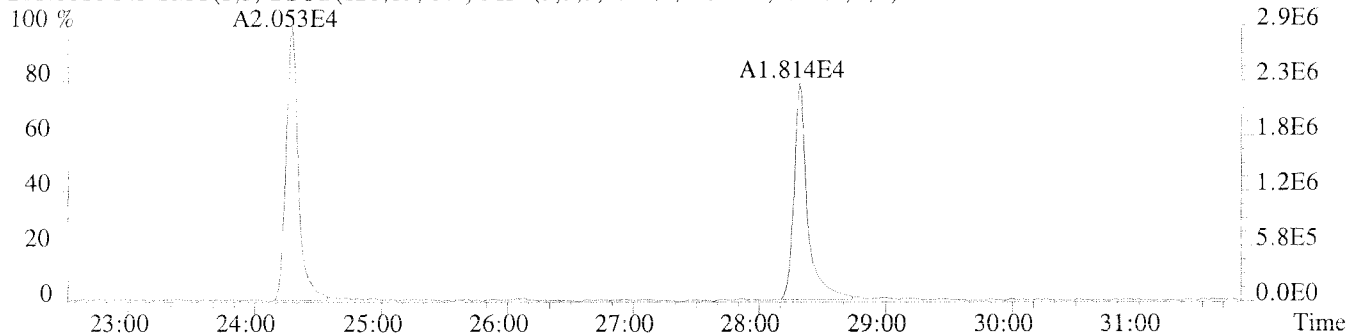
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2544.0,1.00%,F,T)



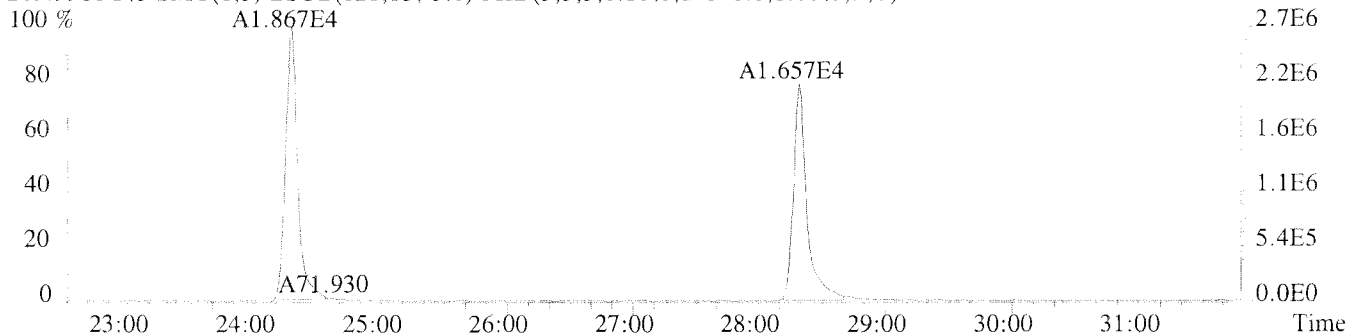
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2612.0,1.00%,F,T)



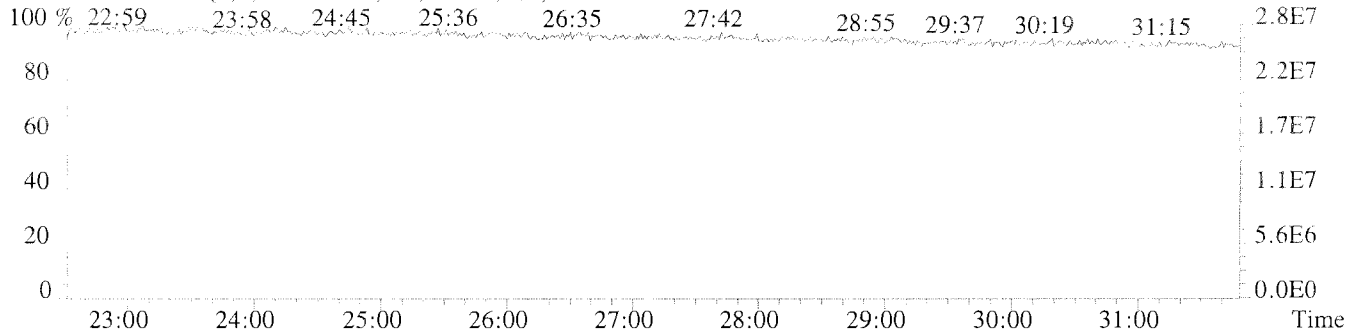
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,20324.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14548.0,1.00%,F,T)

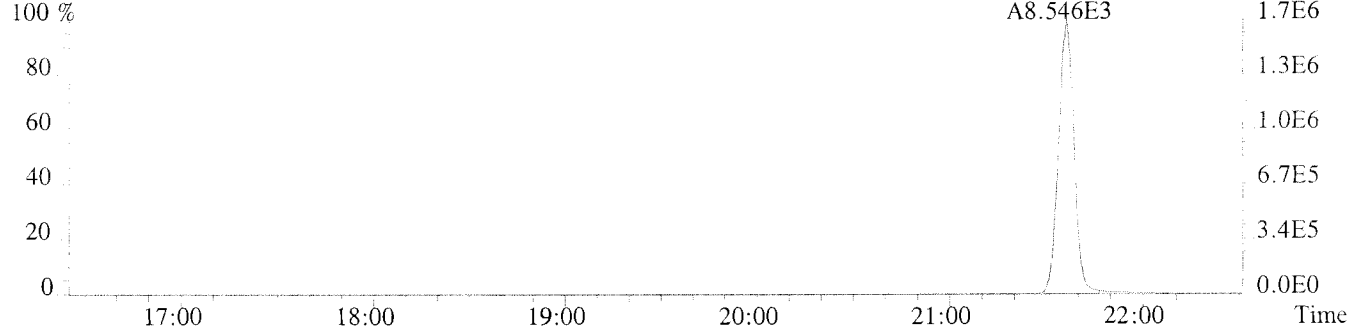


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

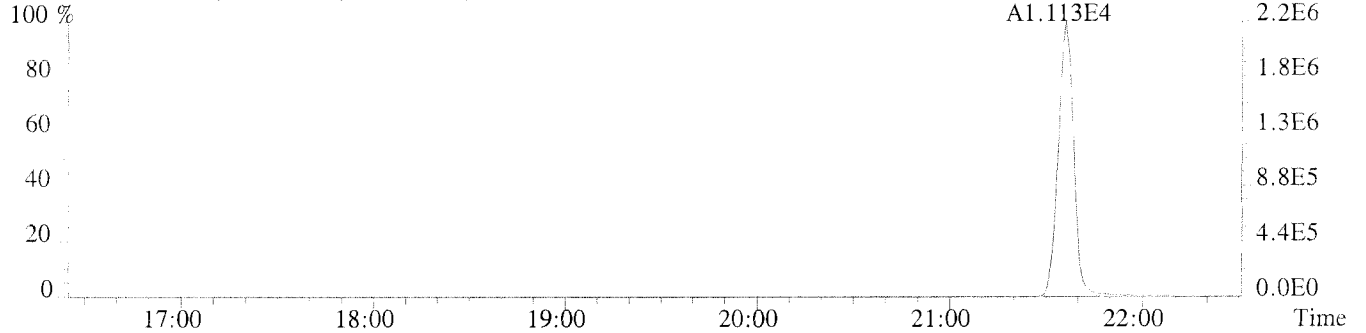


Sample#1 Exp:CCAL CS3

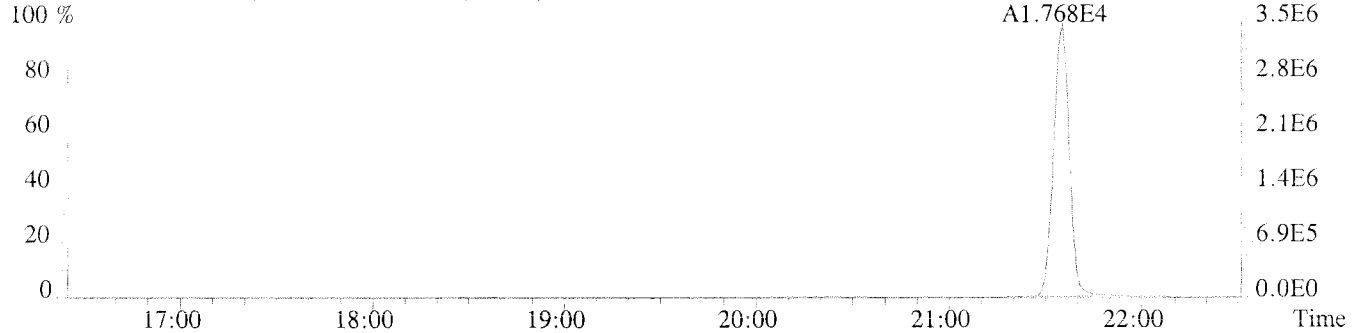
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1328.0,1.00%,F,T)



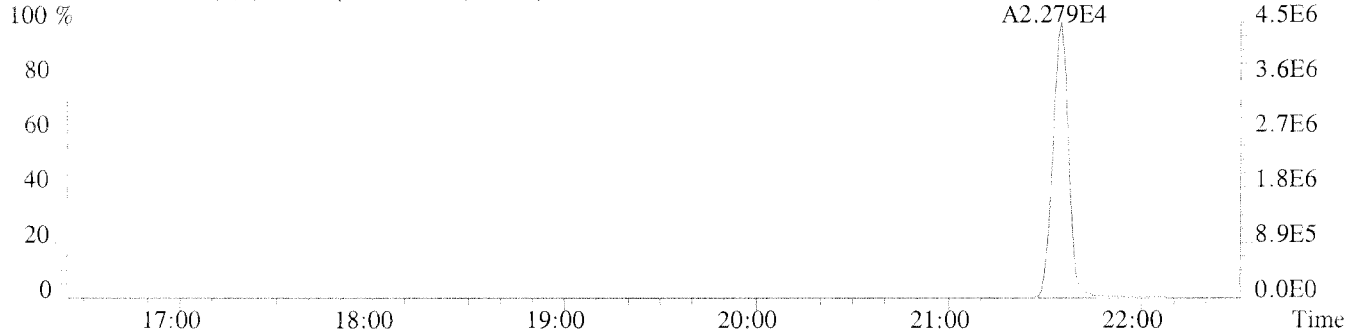
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1376.0,1.00%,F,T)



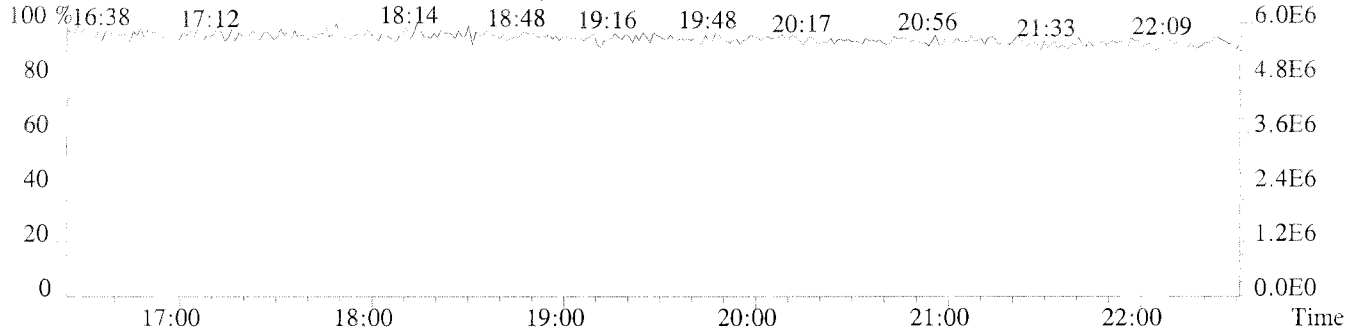
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3584.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2284.0,1.00%,F,T)



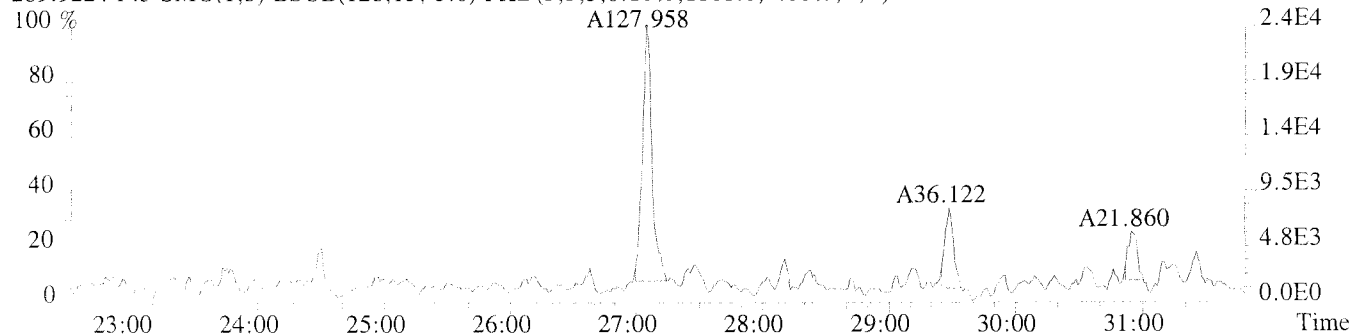
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



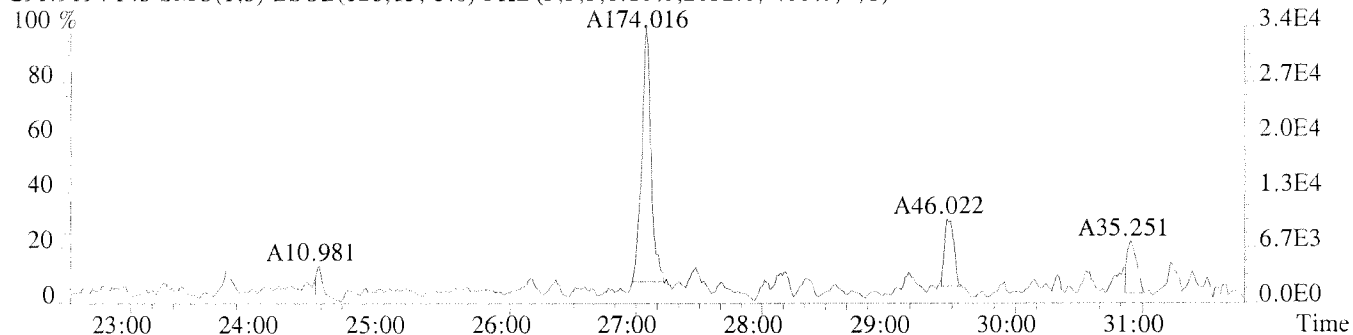
File:U224769 #1-594 Acq:17-JAN-2011 07:13:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

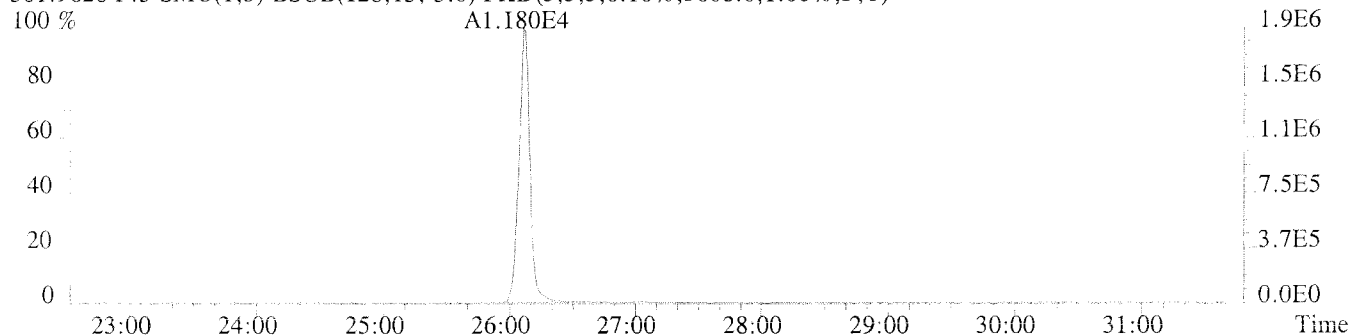
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1868.0,1.00%,F,T)



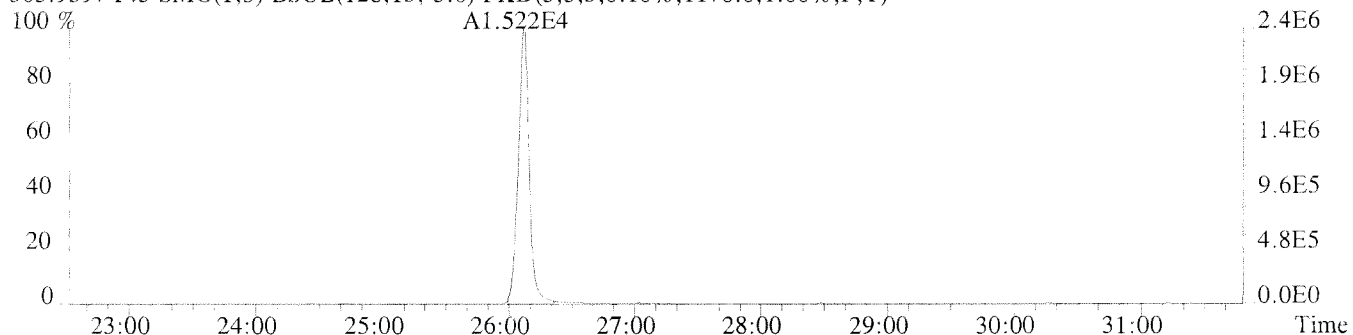
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2032.0,1.00%,F,T)



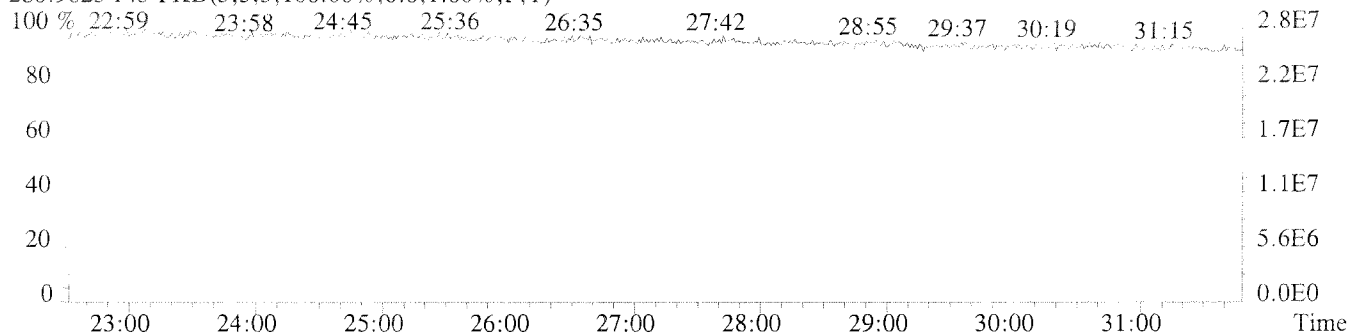
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3608.0,1.00%,F,T)



303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1176.0,1.00%,F,T)

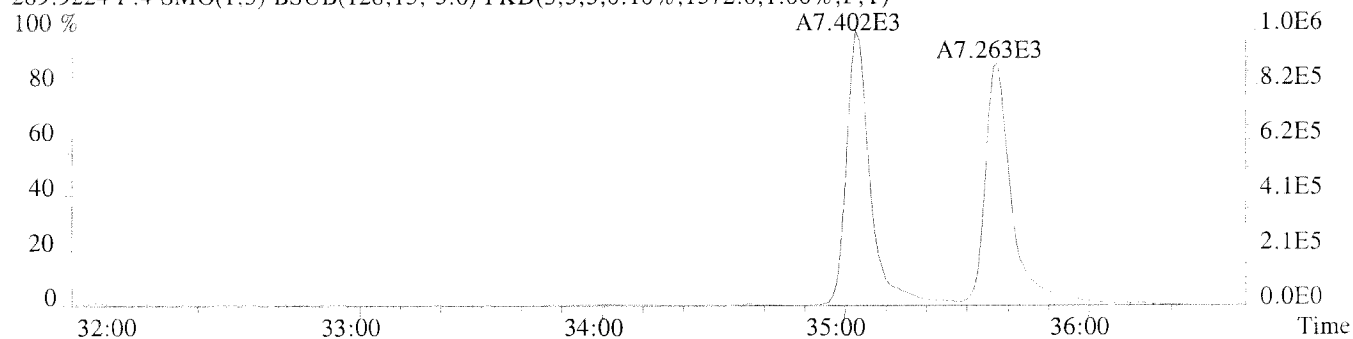


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

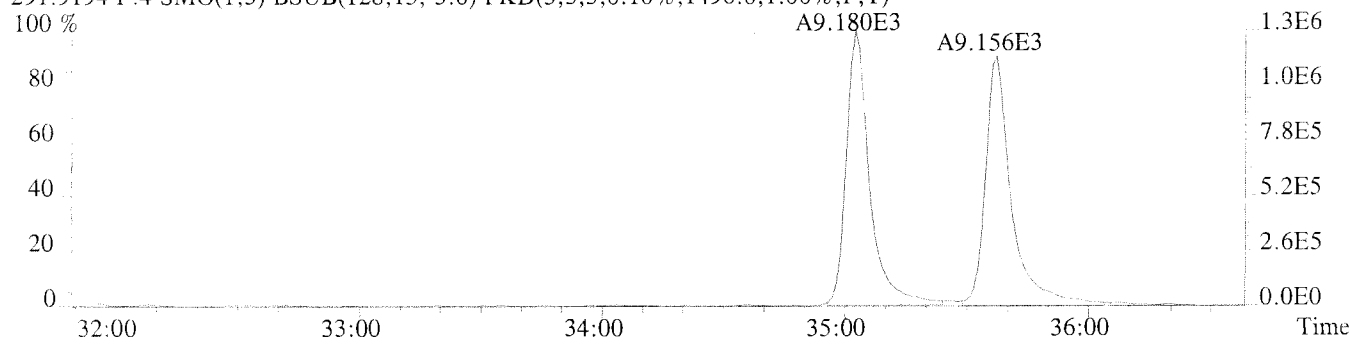


Sample#1 Exp:CCAL CS3

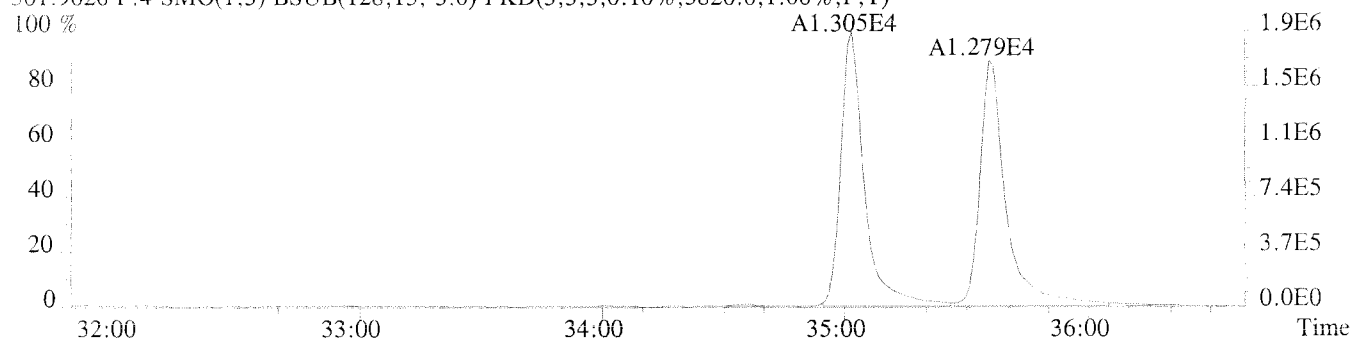
289.9224 F:4 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1372.0,1.00%,F,T)



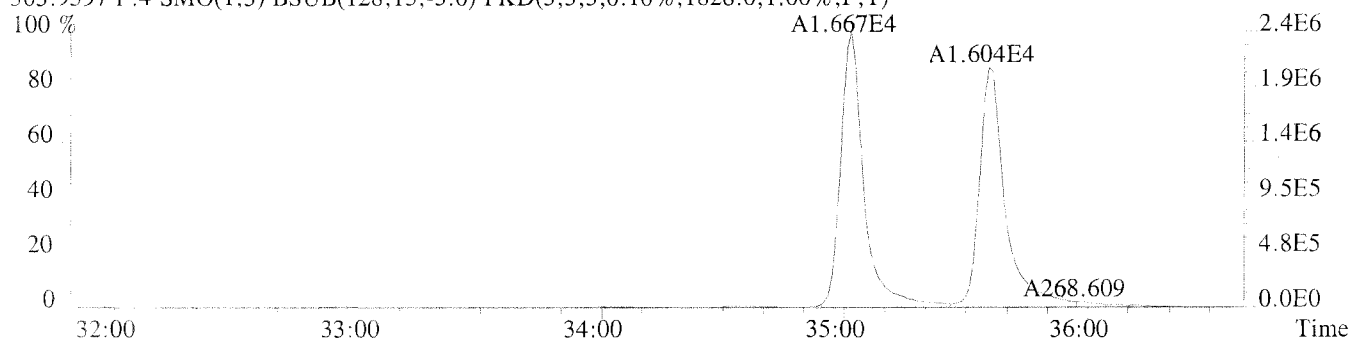
291.9194 F:4 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1496.0,1.00%,F,T)



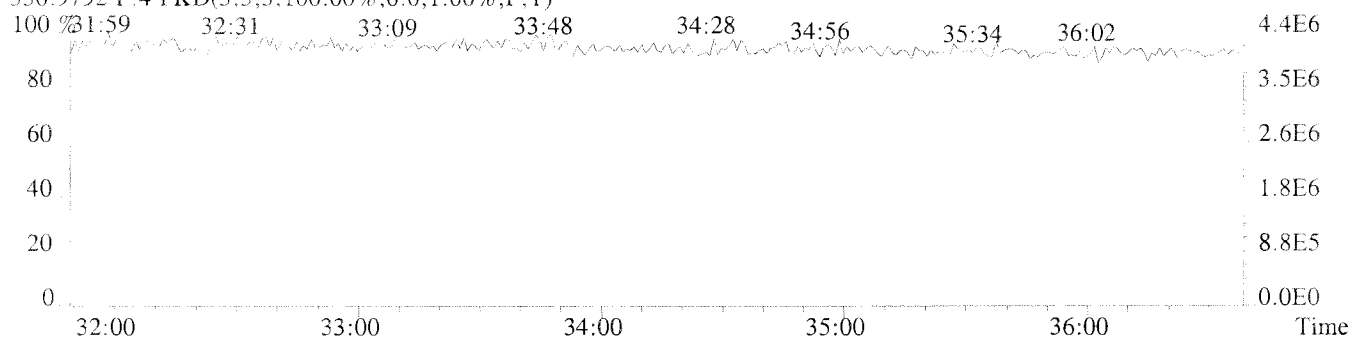
301.9626 F:4 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3820.0,1.00%,F,T)



303.9597 F:4 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1828.0,1.00%,F,T)

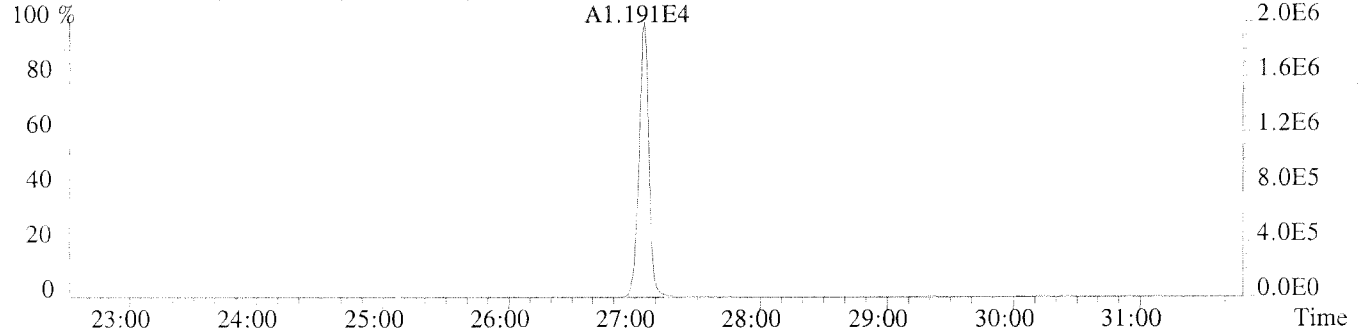


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

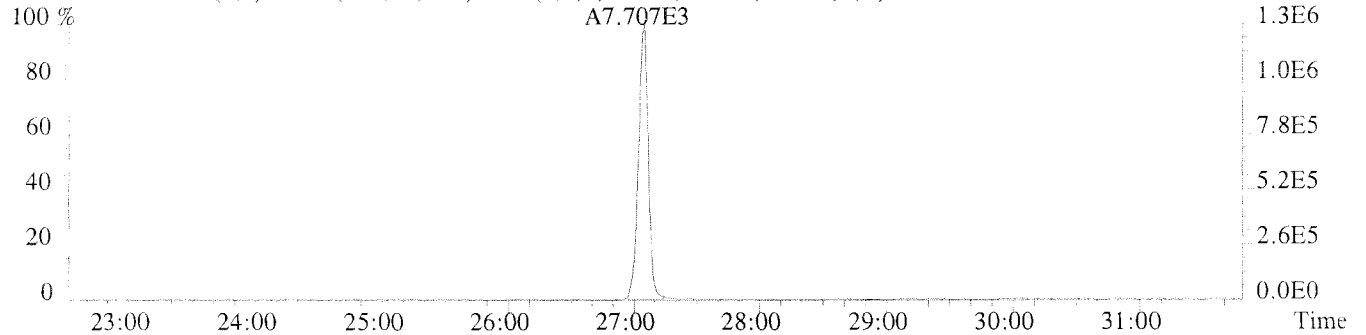


Sample#1 Exp:CCAL CS3

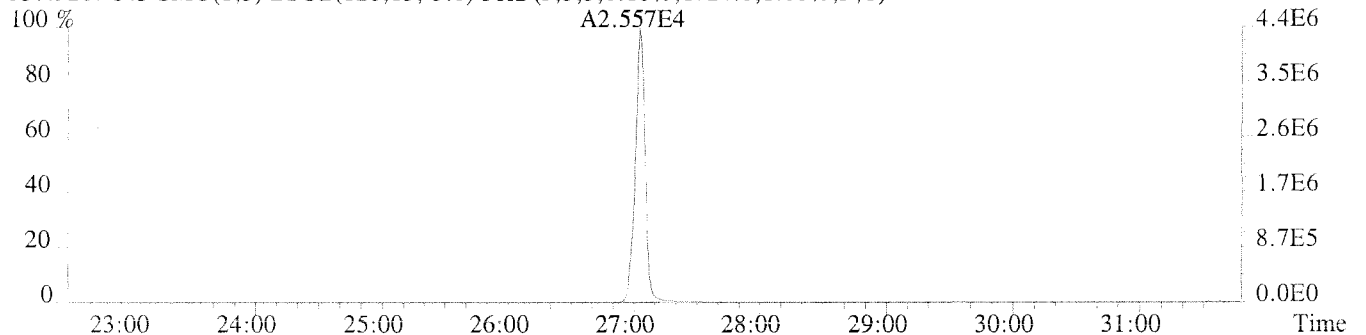
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1444.0,1.00%,F,T)



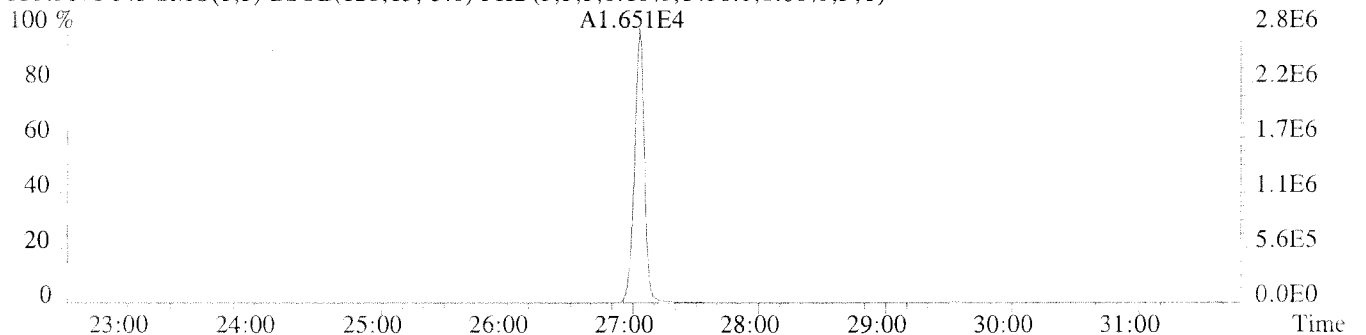
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2064.0,1.00%,F,T)



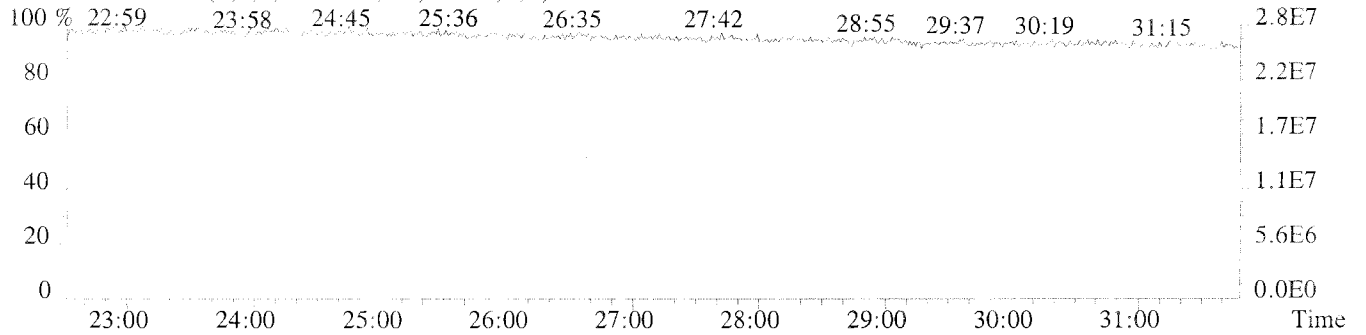
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1724.0,1.00%,F,T)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1436.0,1.00%,F,T)

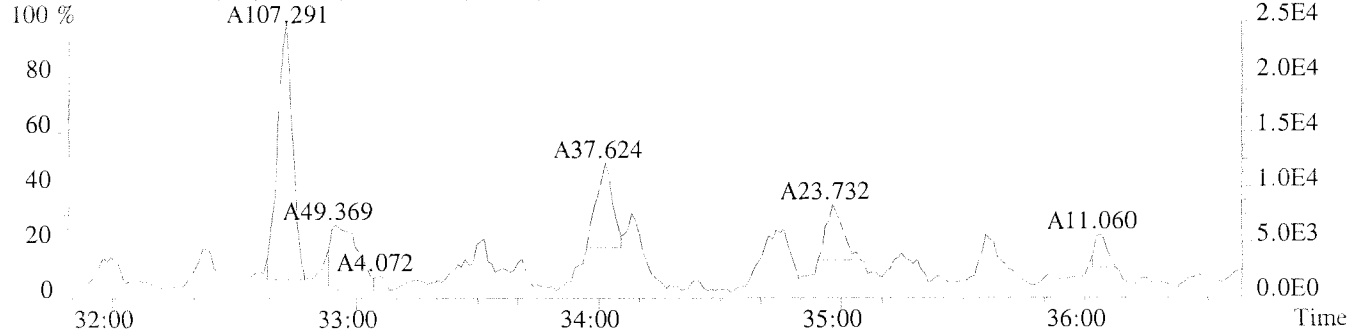


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

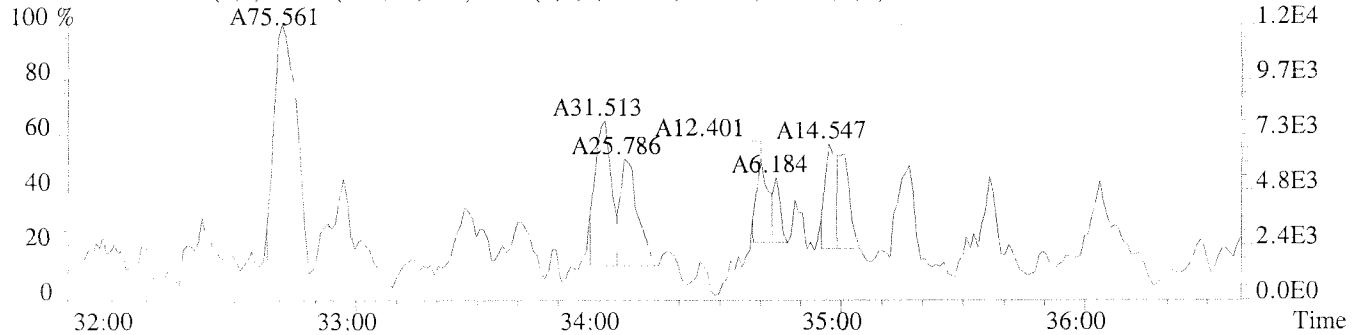


Sample#1 Exp:CCAL CS3

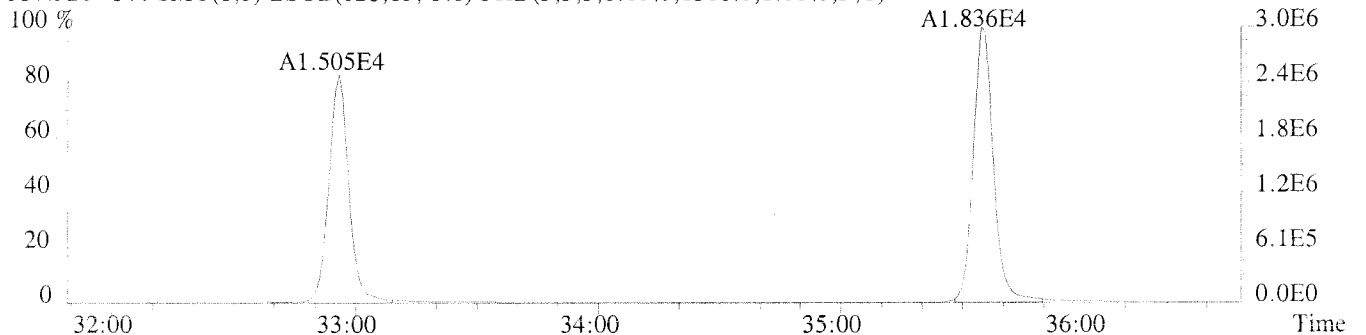
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2160.0,1.00%,F,T)



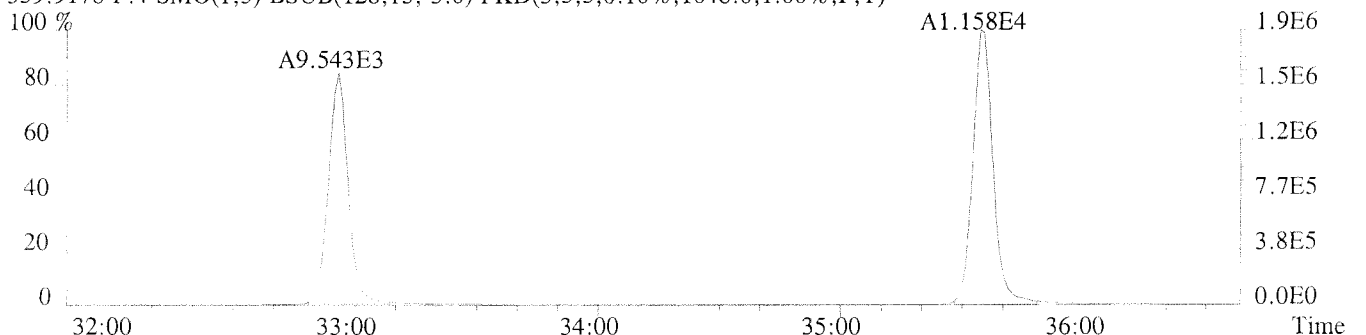
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2364.0,1.00%,F,T)



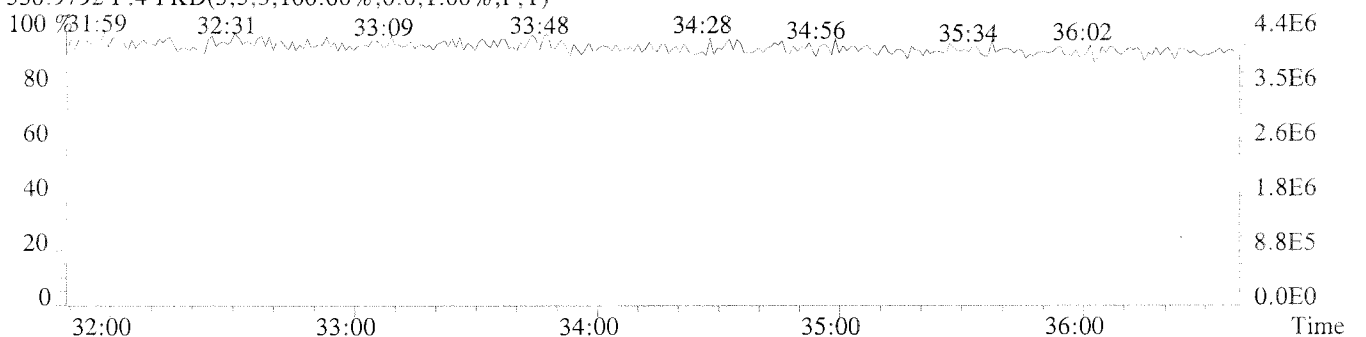
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1568.0,1.00%,F,T)



339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1048.0,1.00%,F,T)

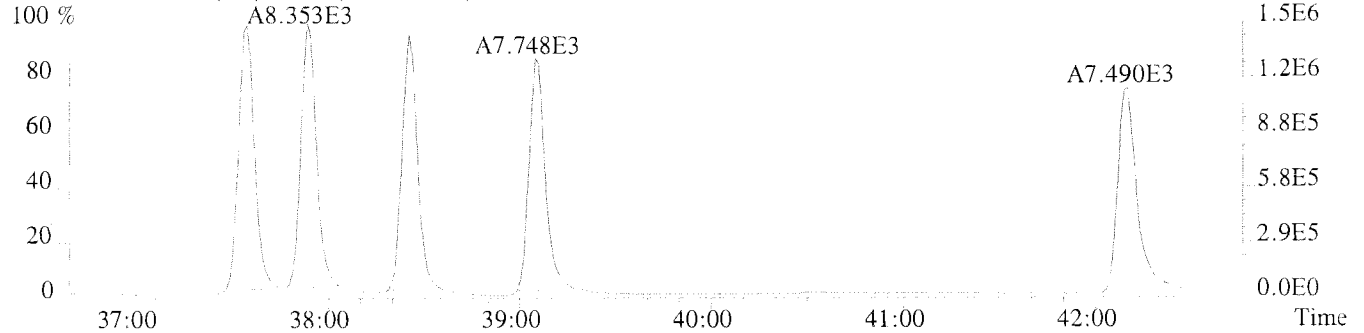


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

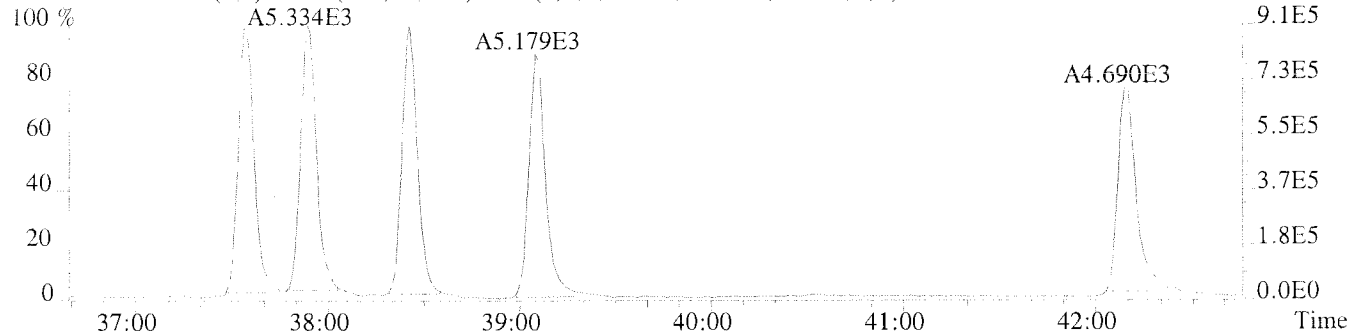


Sample#1 Exp:CCAL CS3

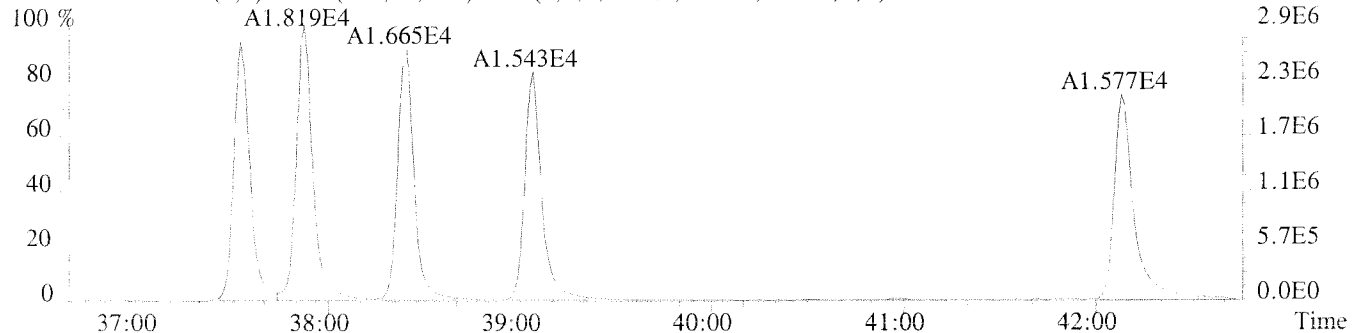
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,28260.0,1.00%,F,T)



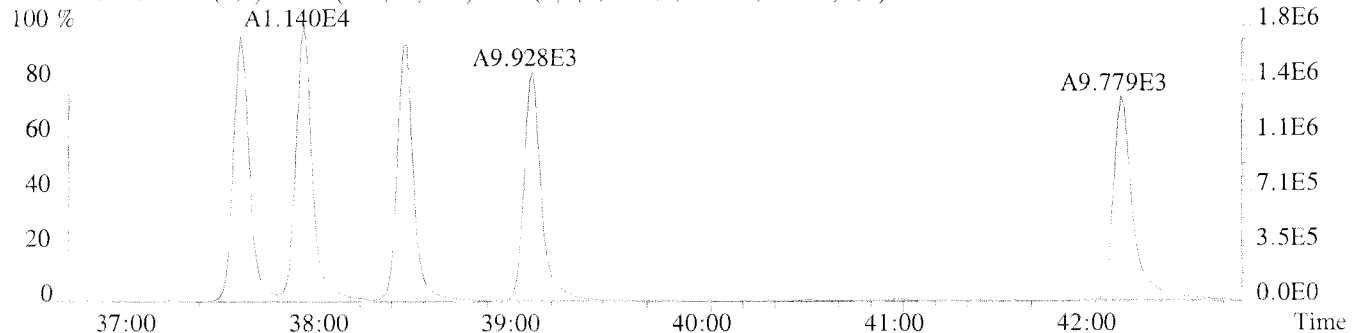
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16304.0,1.00%,F,T)



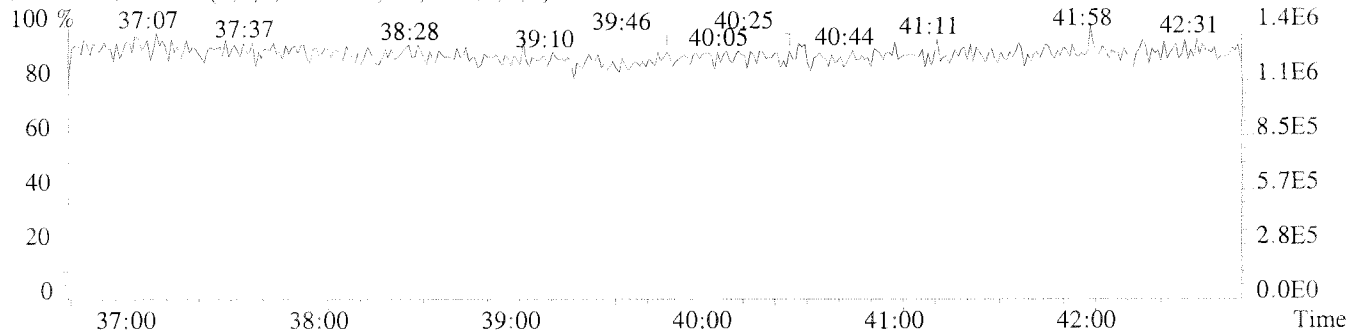
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5384.0,1.00%,F,T)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2540.0,1.00%,F,T)



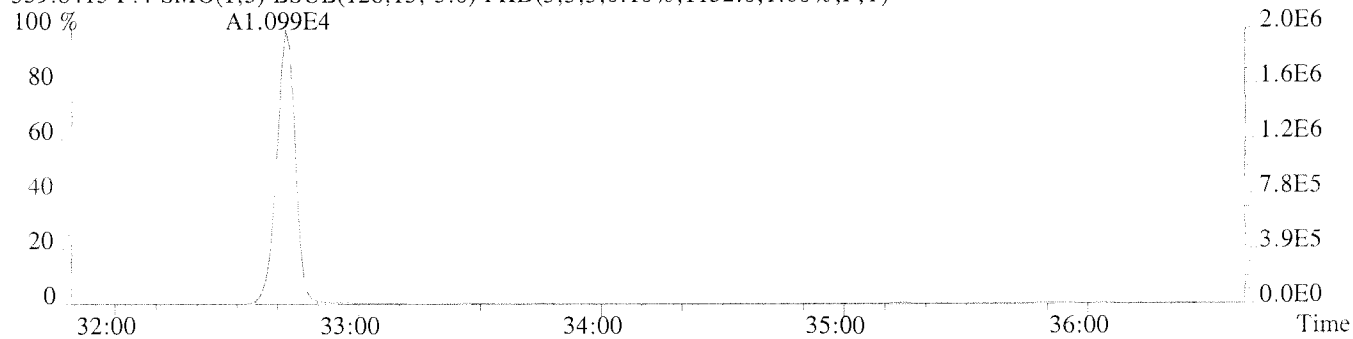
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)



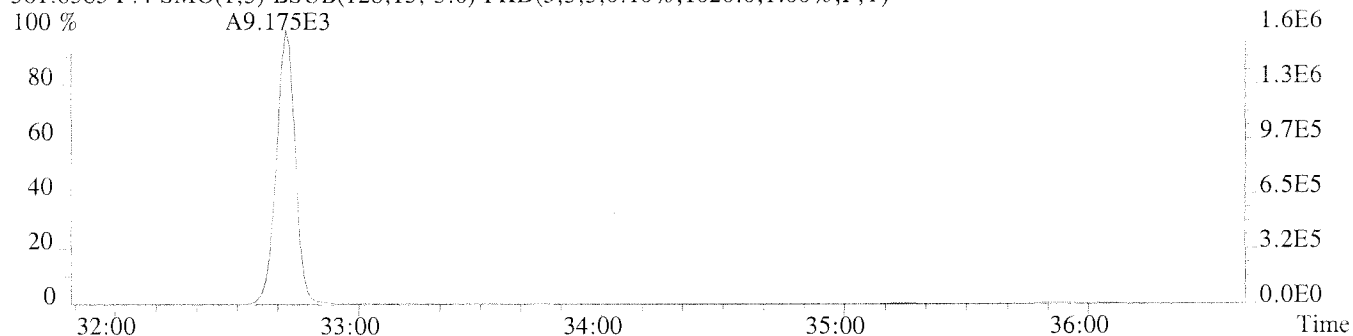
File:U224769 #1-309 Acq:17-JAN-2011 07:13:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

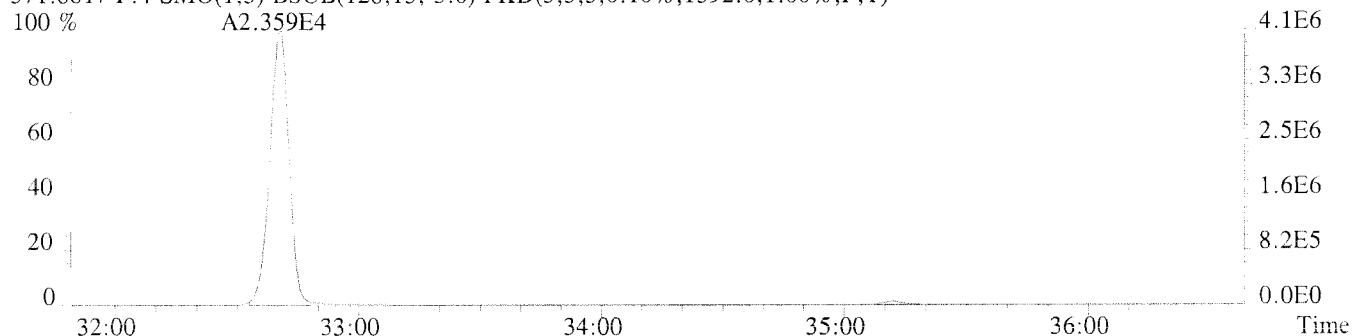
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1132.0,1.00%,F,T)



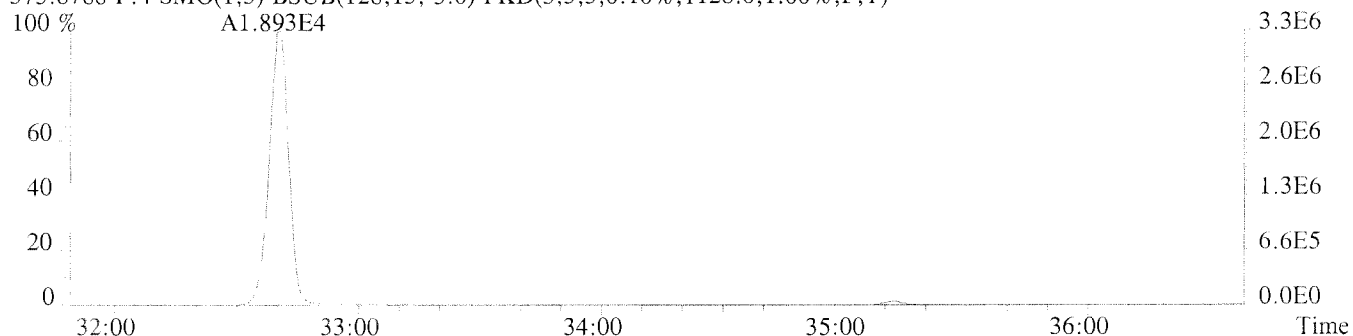
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1020.0,1.00%,F,T)



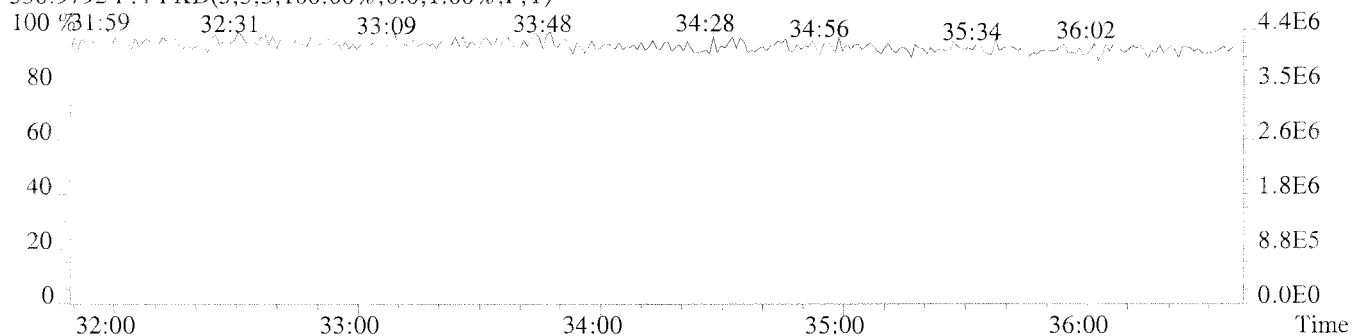
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1592.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1128.0,1.00%,F,T)

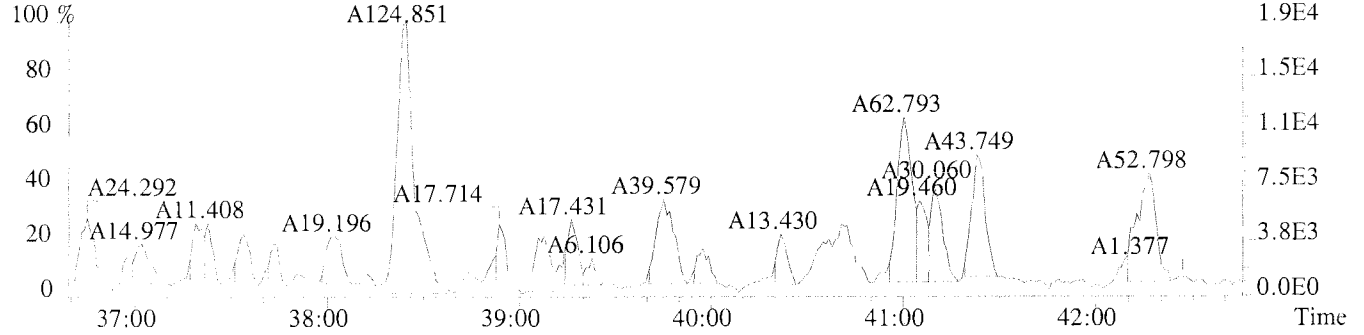


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

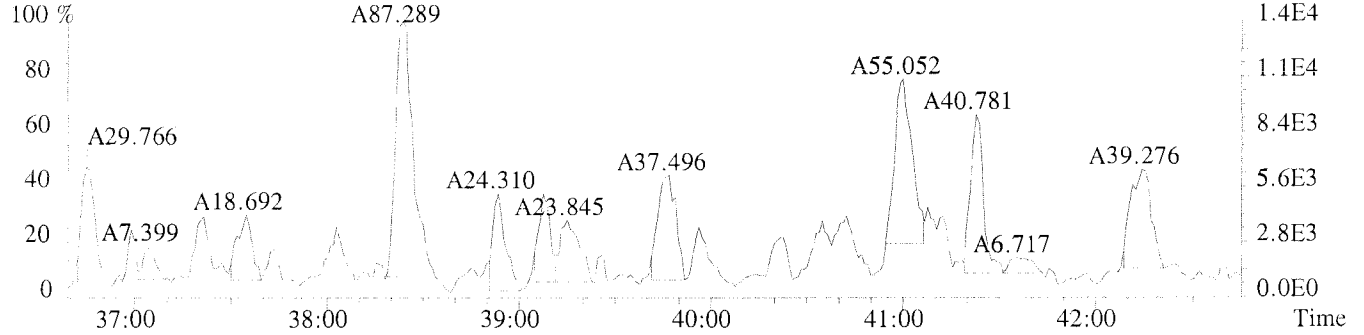


Sample#1 Exp:CCAL CS3

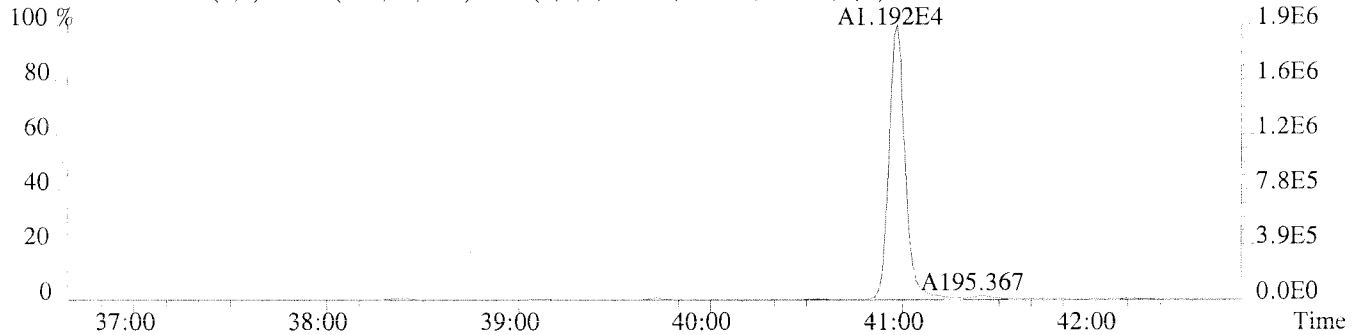
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1300.0,1.00%,F,T)



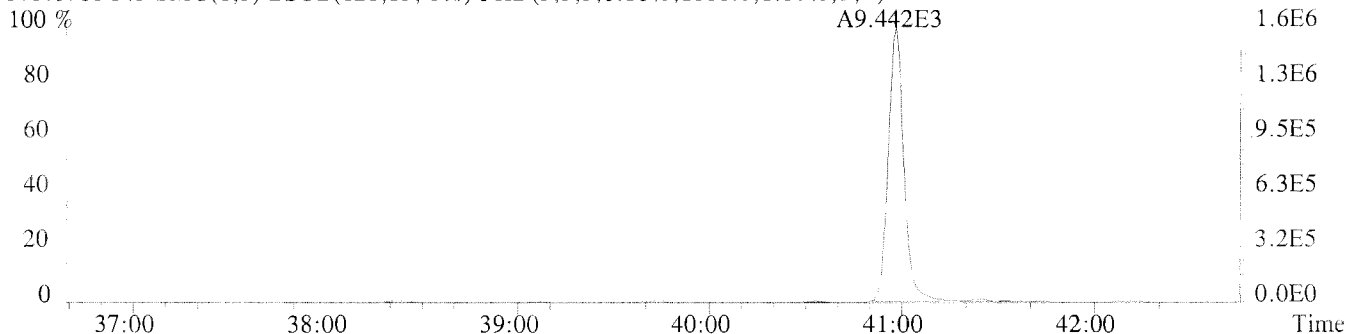
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1520.0,1.00%,F,T)



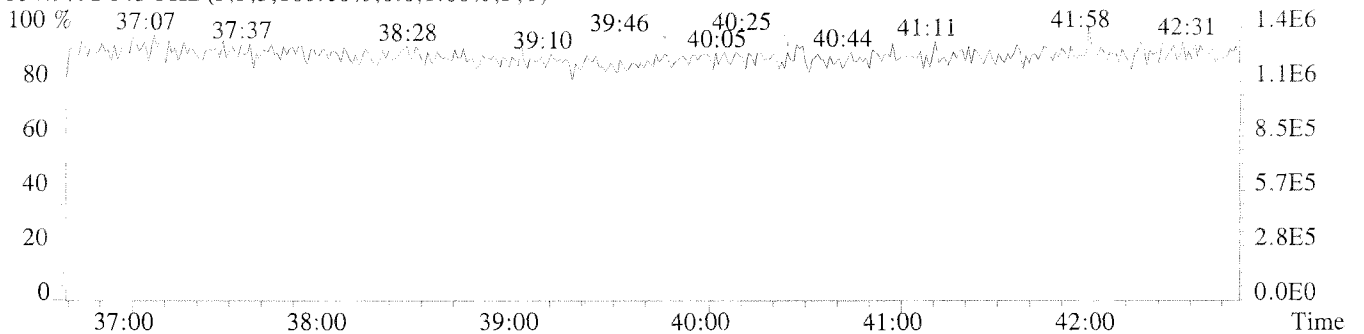
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1128.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1000.0,1.00%,F,T)

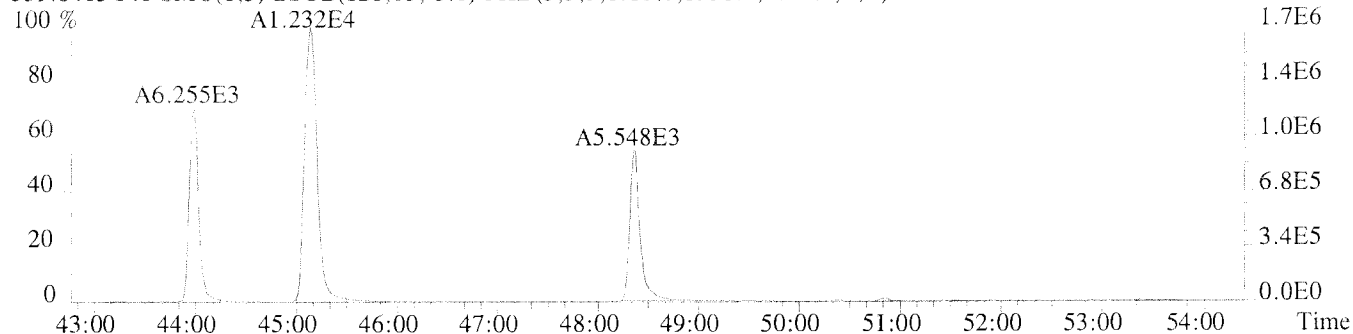


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

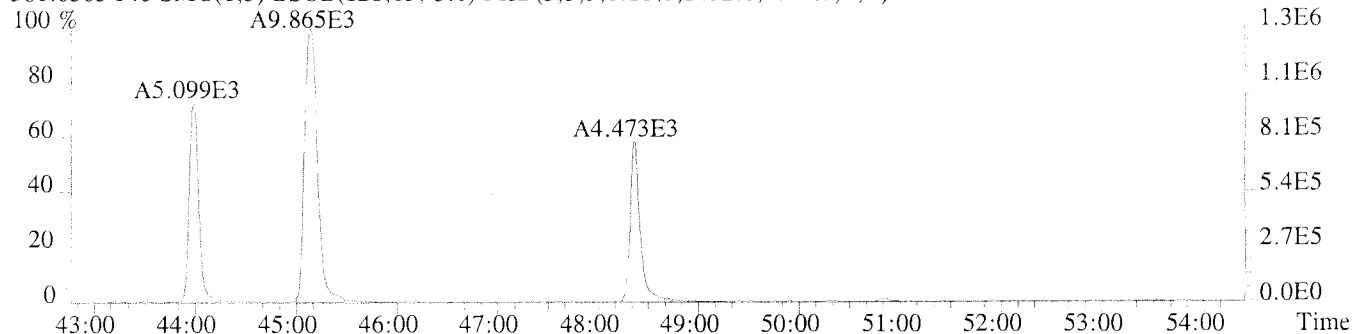


Sample#1 Exp:CCAL CS3

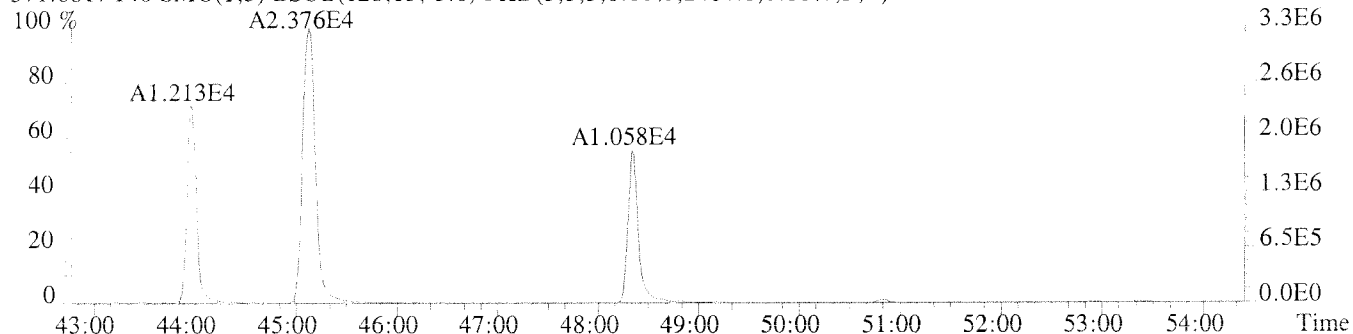
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1956.0,1.00%,F,T)



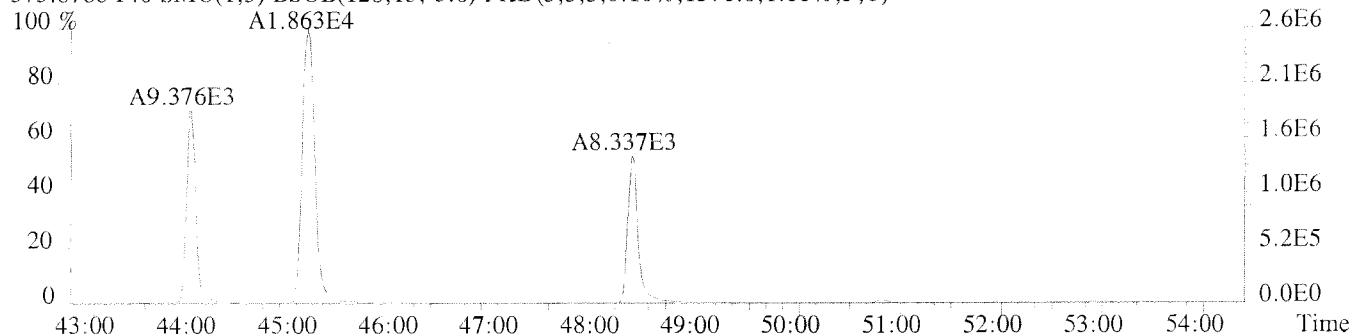
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1432.0,1.00%,F,T)



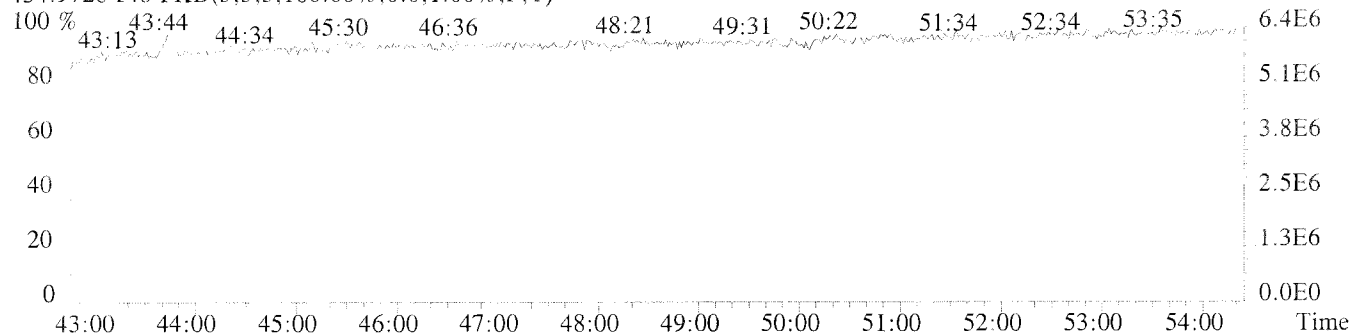
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2464.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1576.0,1.00%,F,T)

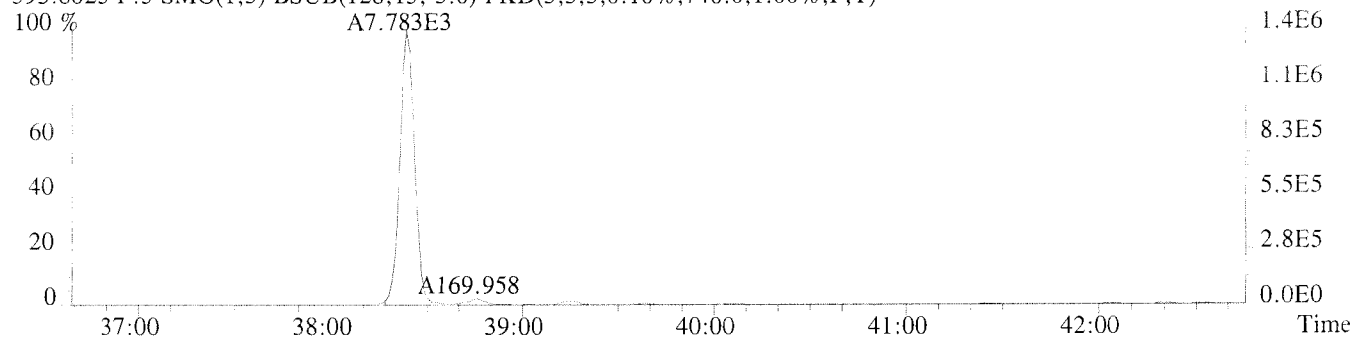


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

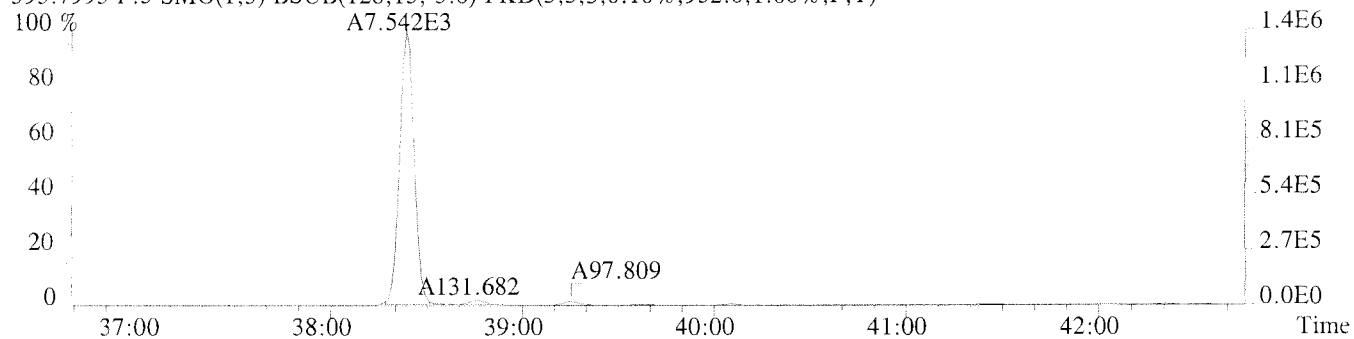


Sample#1 Exp:CCAL CS3

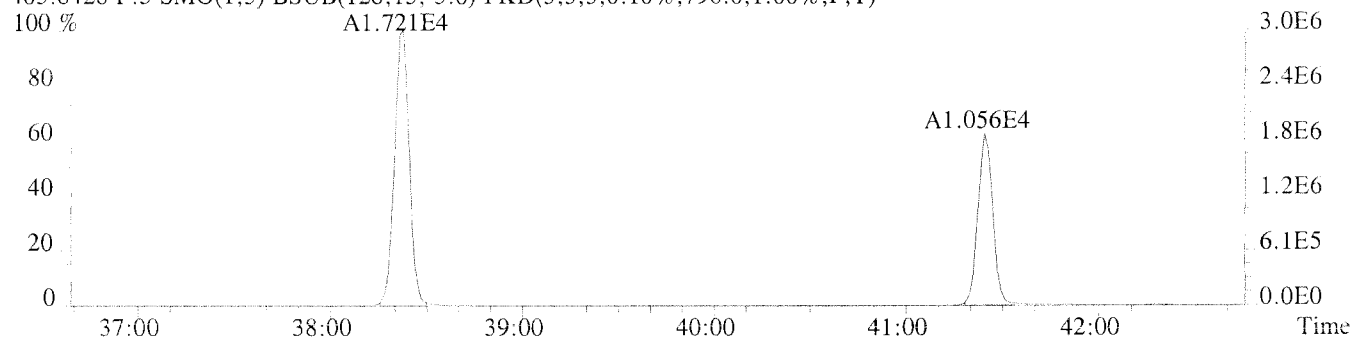
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,740.0,1.00%,F,T)



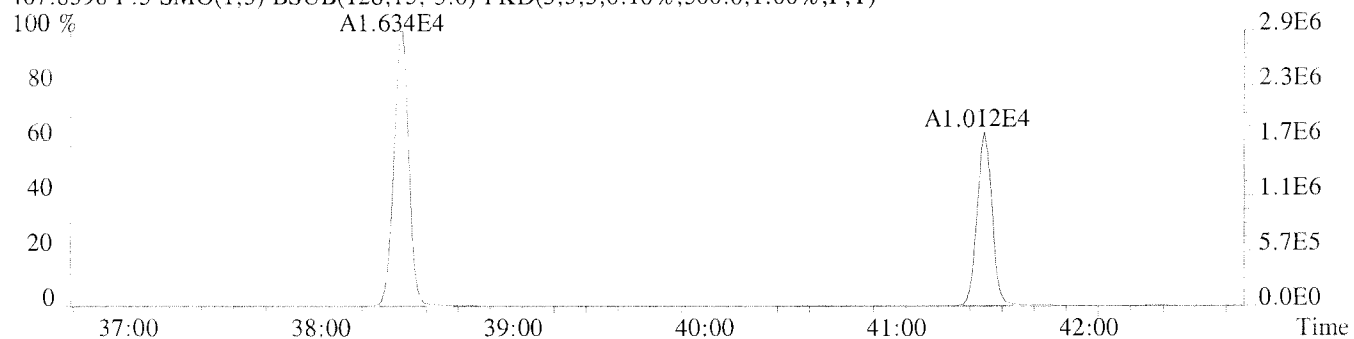
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,952.0,1.00%,F,T)



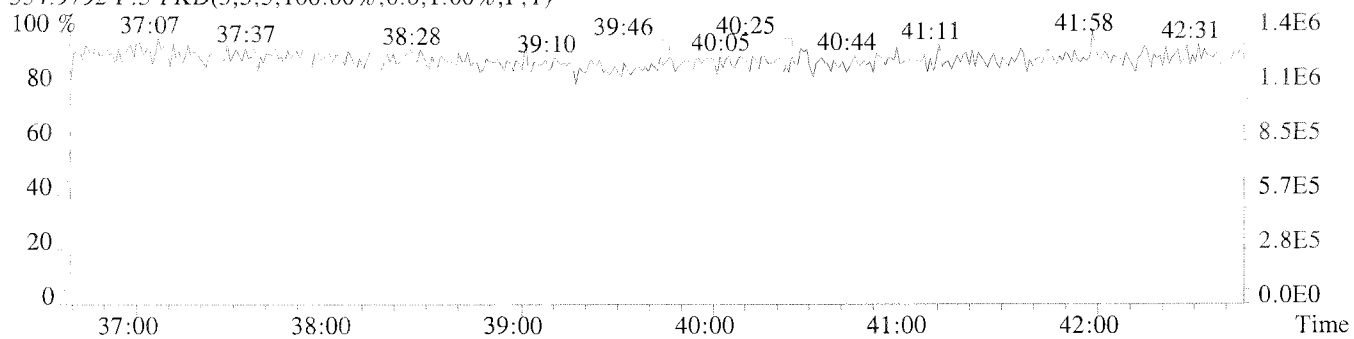
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,796.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,500.0,1.00%,F,T)

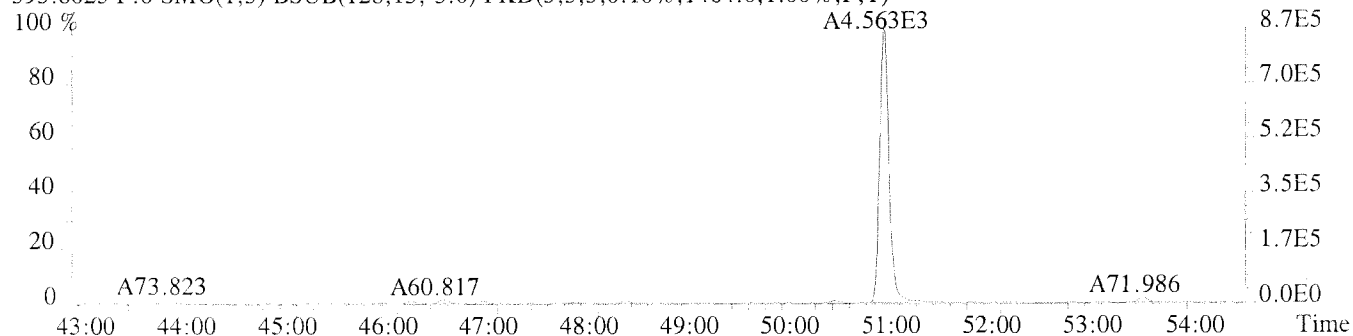


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,T)

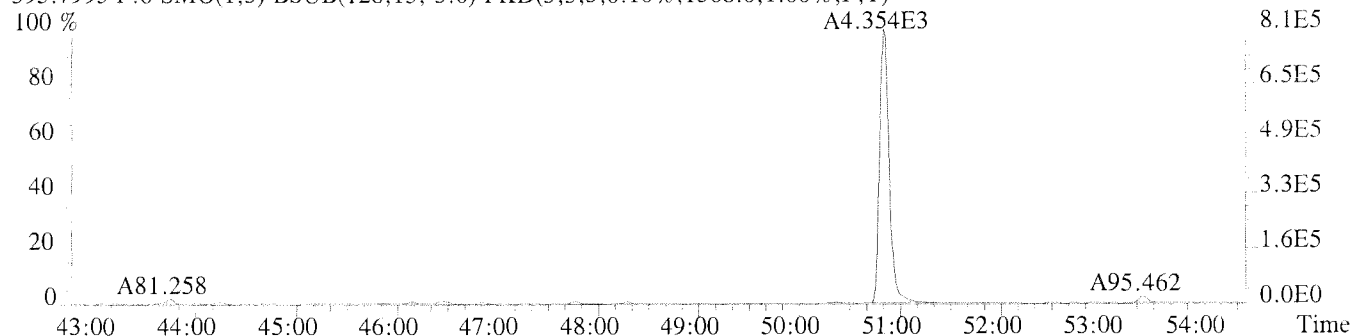


Sample#1 Exp:CCAL CS3

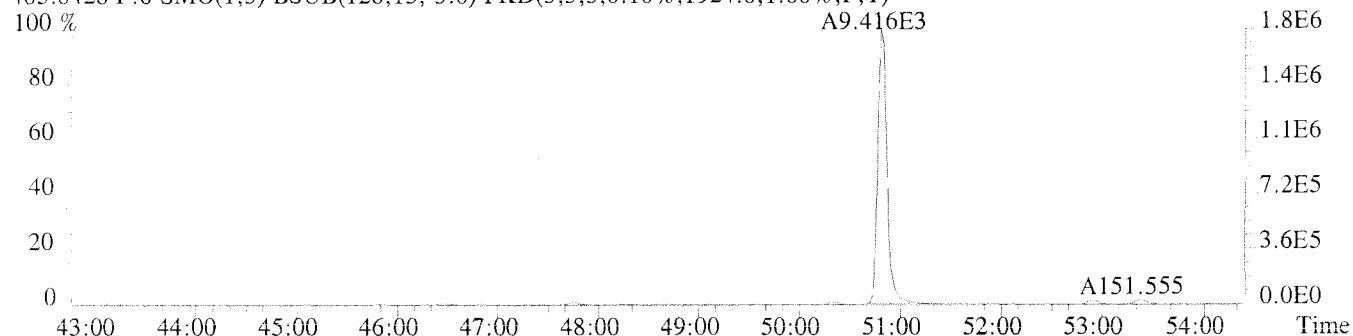
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1464.0,1.00%,F,T)



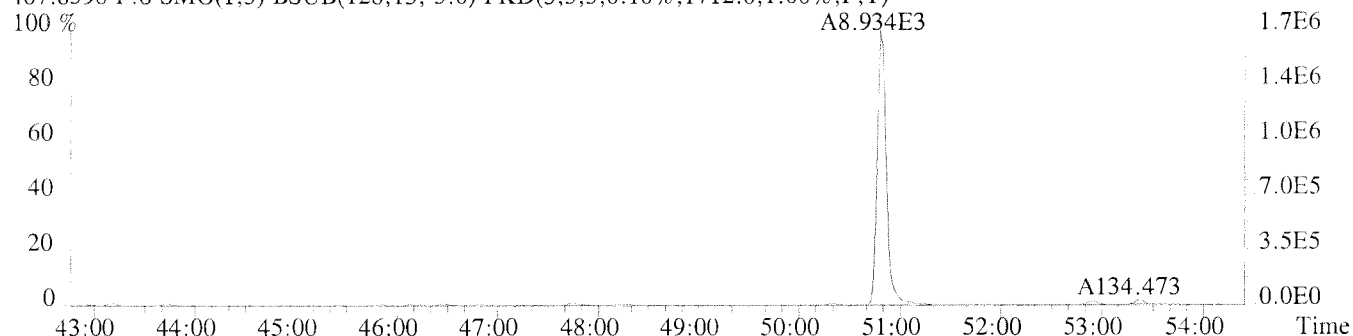
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1368.0,1.00%,F,T)



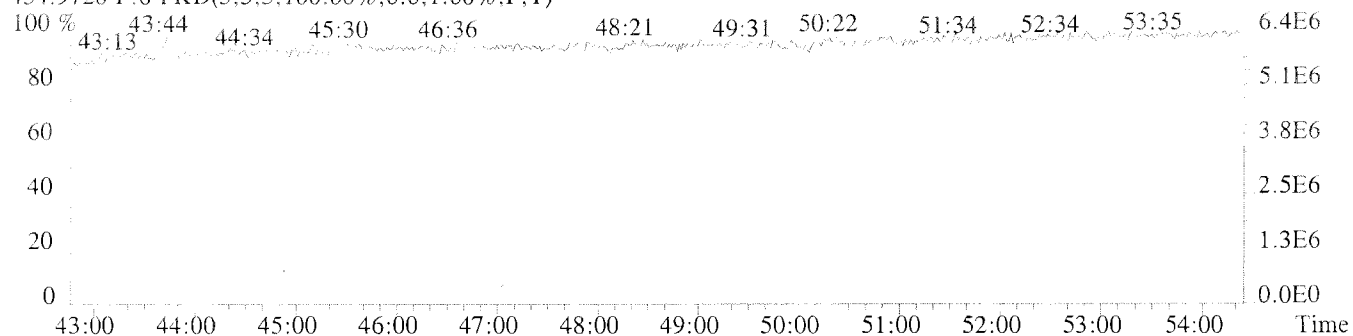
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1924.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1712.0,1.00%,F,T)



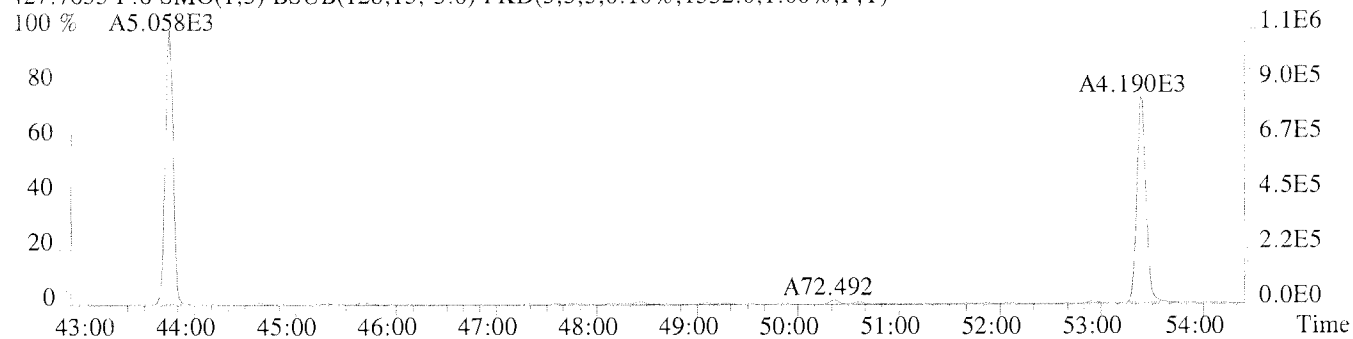
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



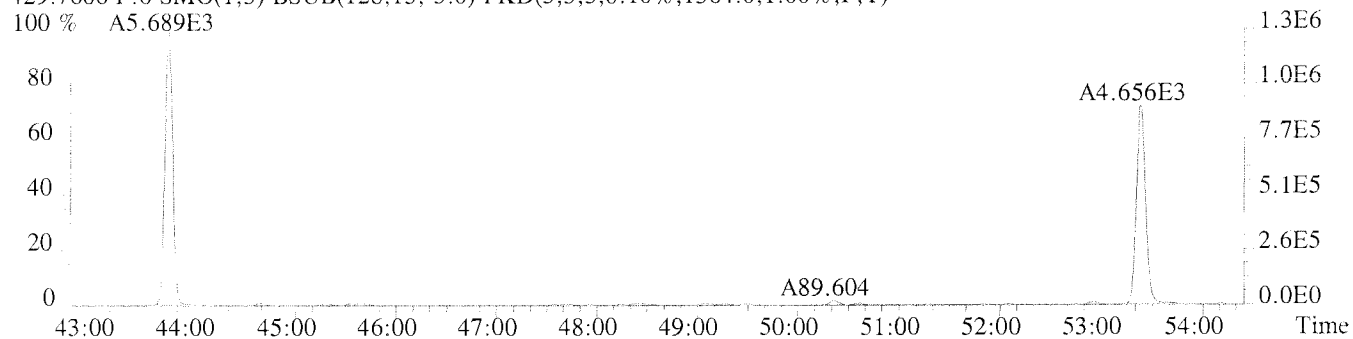
File:U224769 #1-577 Acq:17-JAN-2011 07:13:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

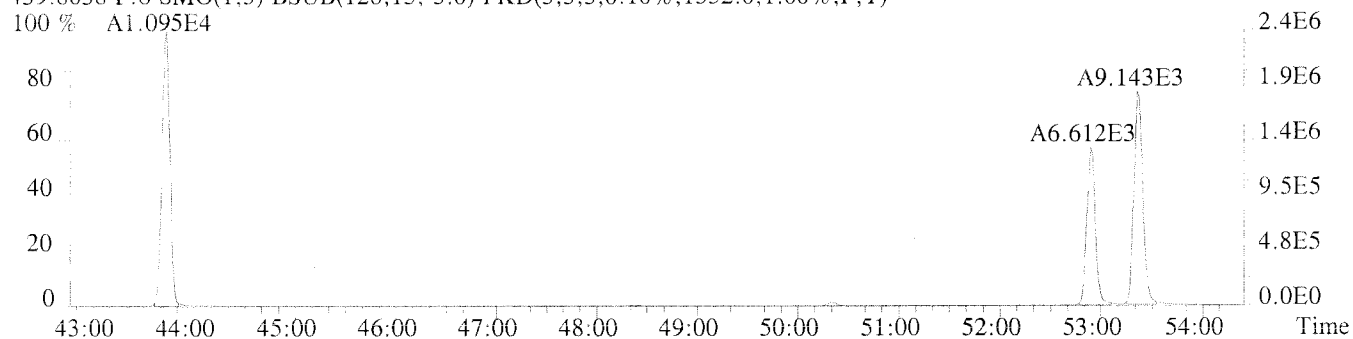
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1532.0,1.00%,F,T)



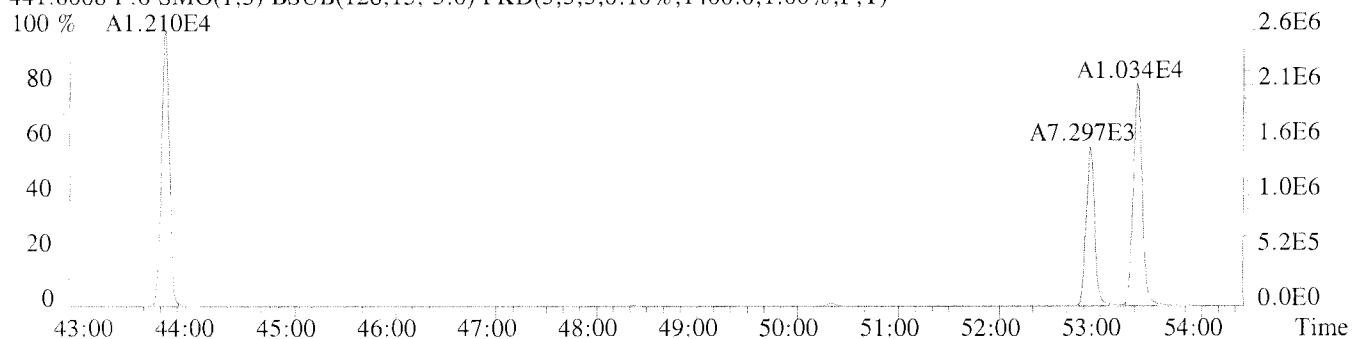
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1364.0,1.00%,F,T)



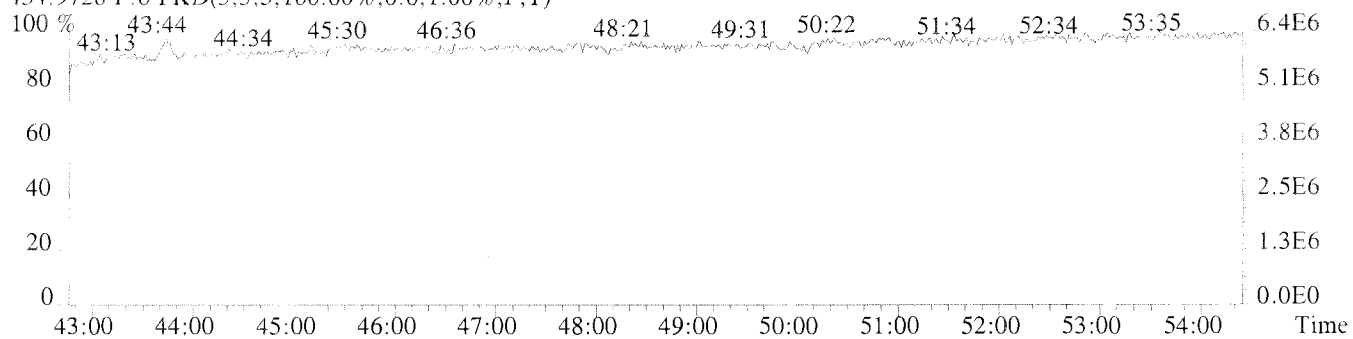
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1332.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1400.0,1.00%,F,T)



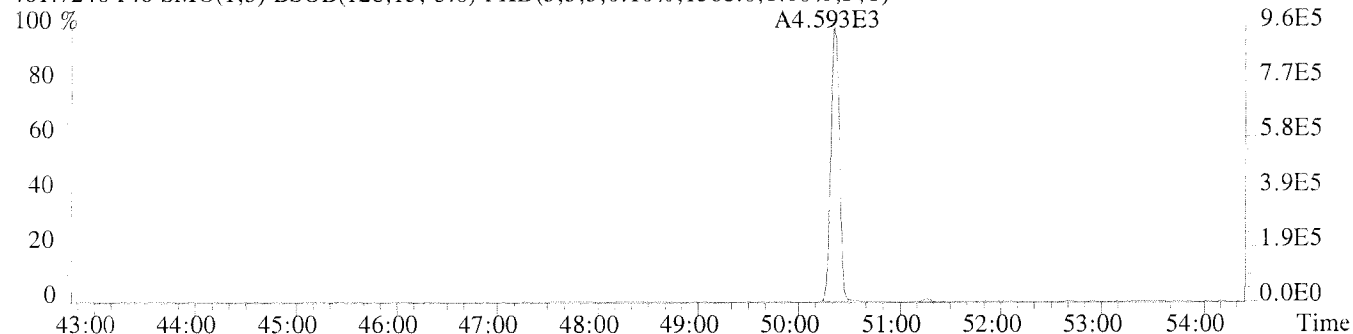
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



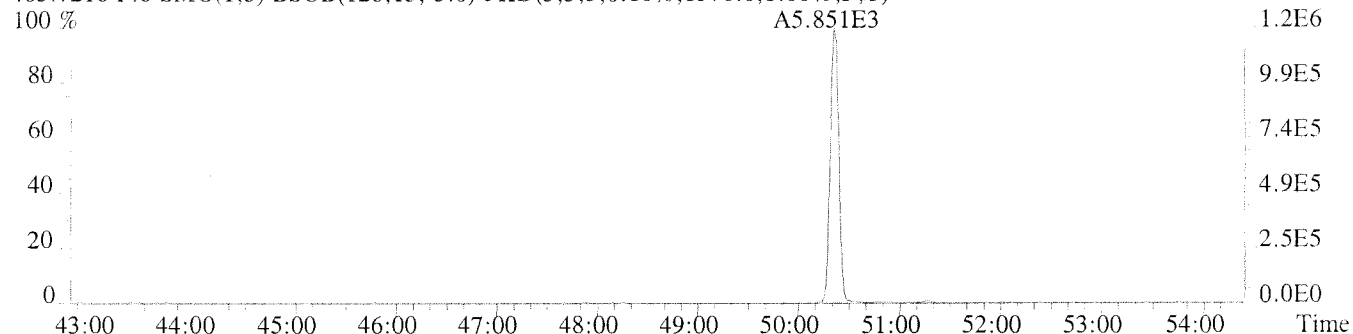
File:U224769 #1-577 Acq:17-JAN-2011 07:13:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

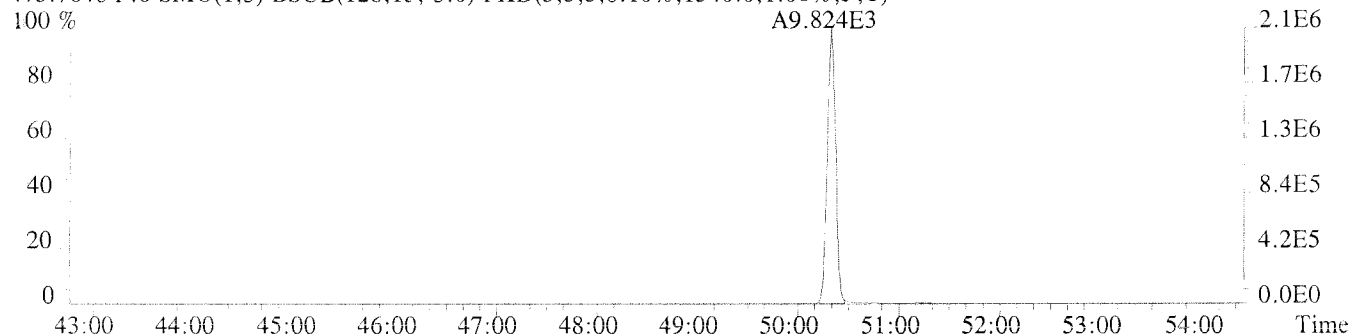
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1368.0,1.00%,F,T)



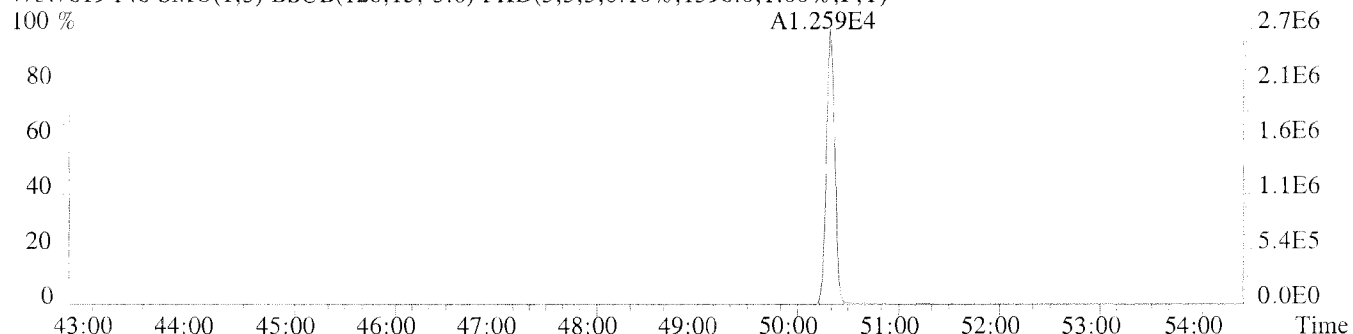
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1376.0,1.00%,F,T)



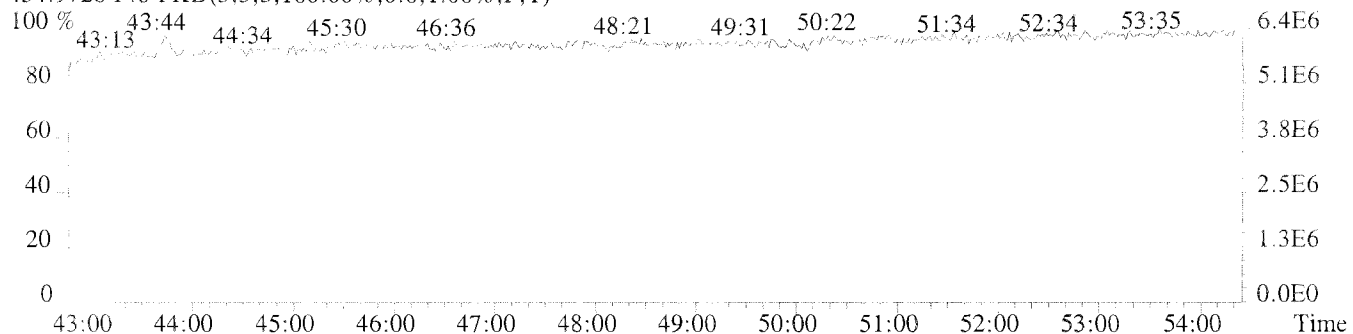
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1540.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1396.0,1.00%,F,T)

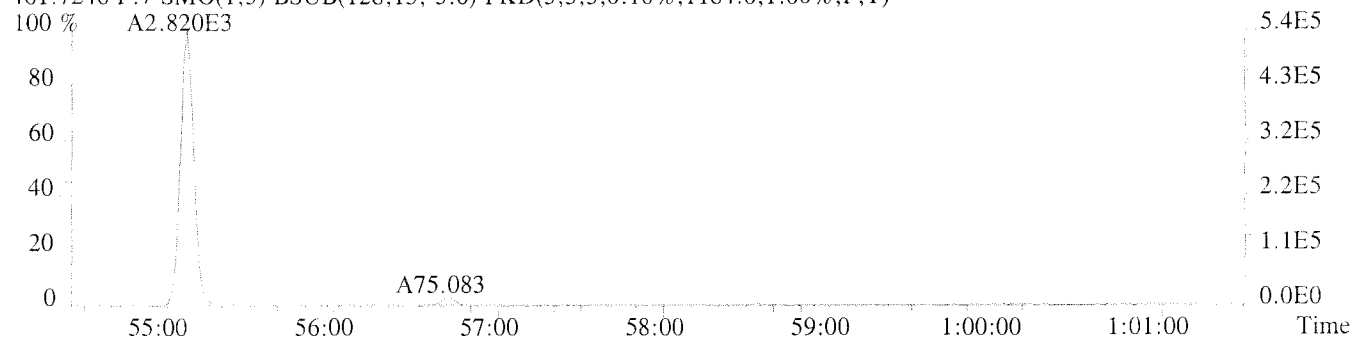


454.9728 F:6 PKD(5.3,5,100.00%,0.0,1.00%,F,T)

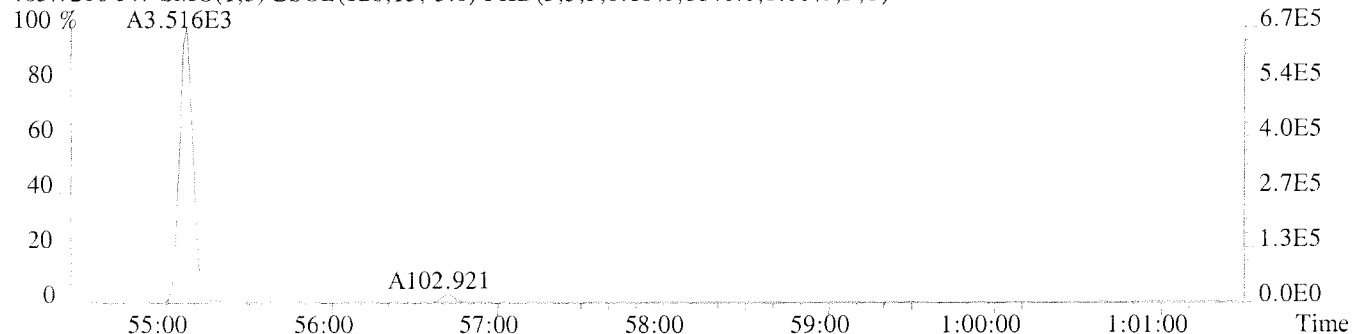


Sample#1 Exp:CCAL CS3

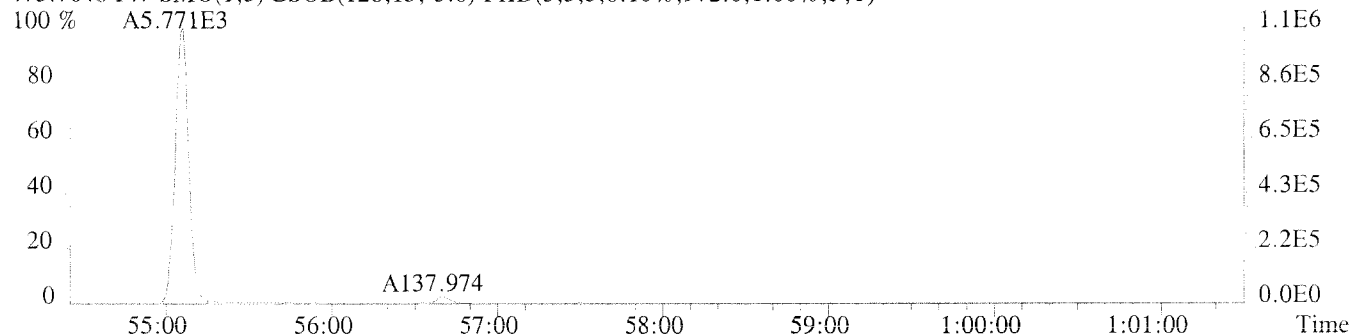
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)



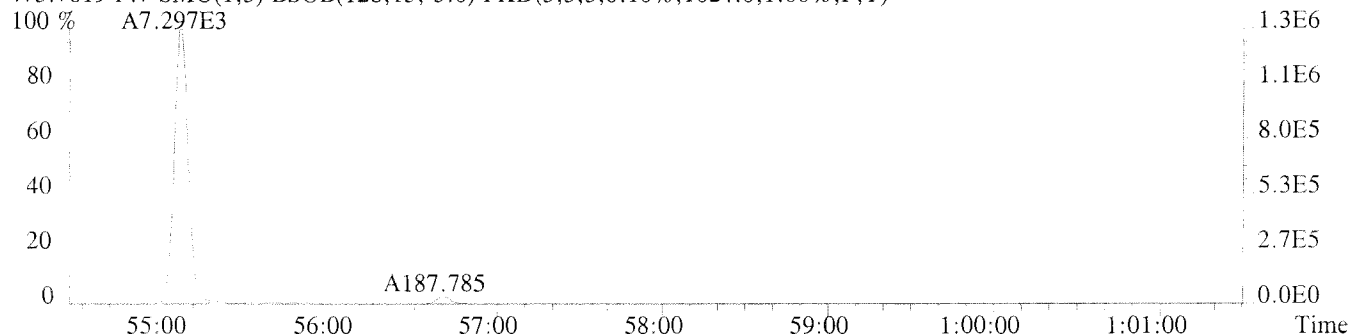
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1140.0,1.00%,F,T)



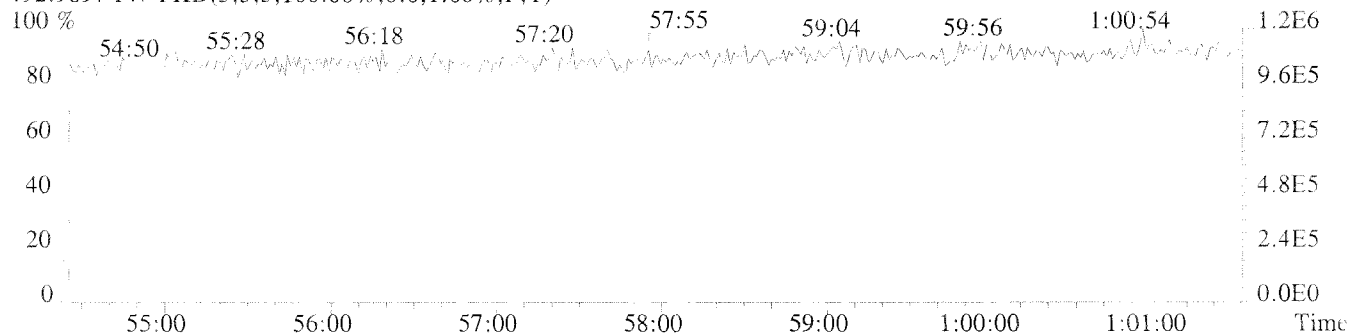
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,972.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1024.0,1.00%,F,T)

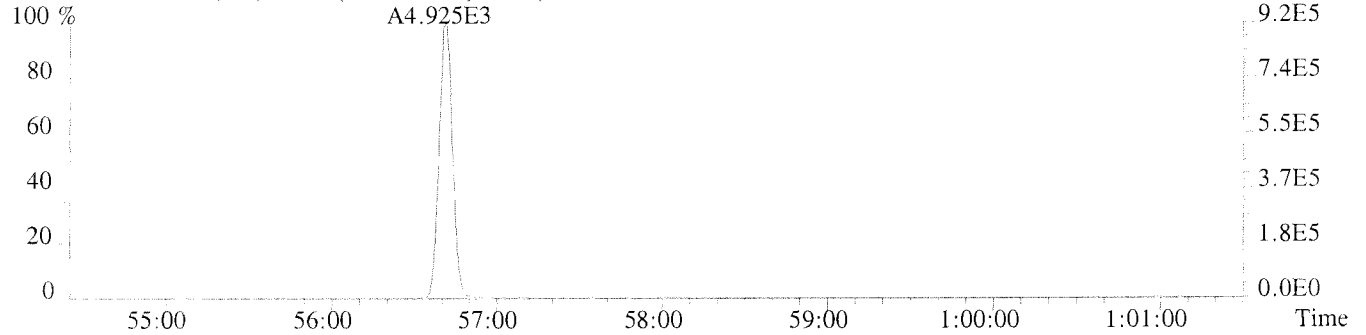


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)

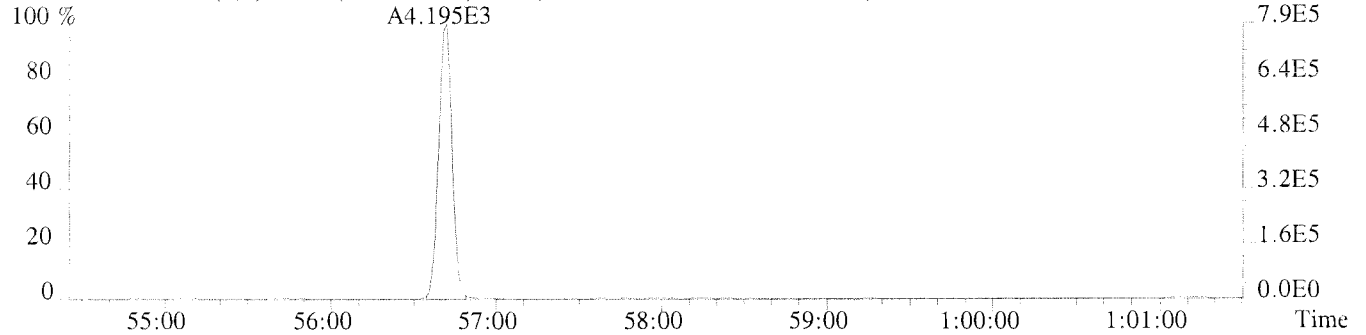


Sample#1 Exp:CCAL CS3

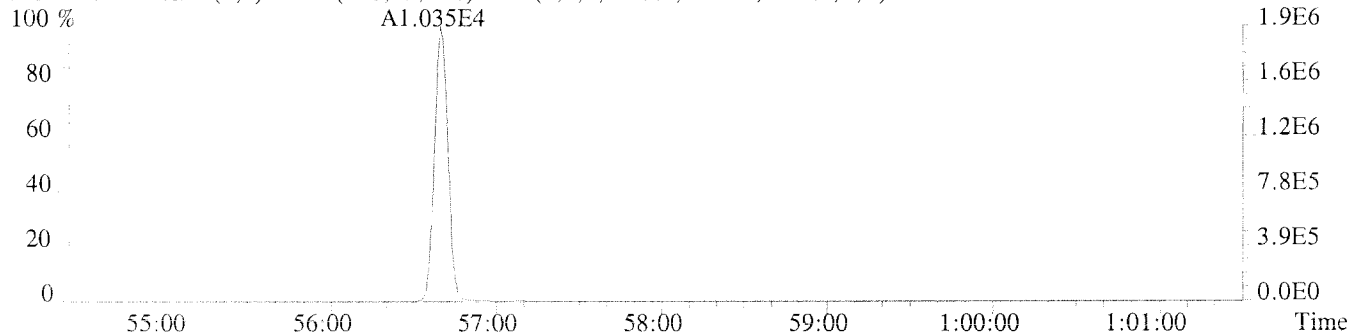
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,T)



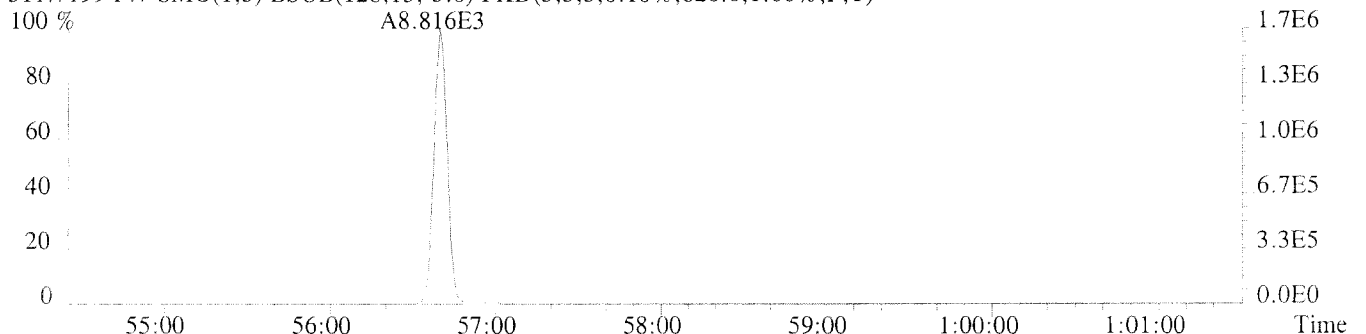
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,960.0,1.00%,F,T)



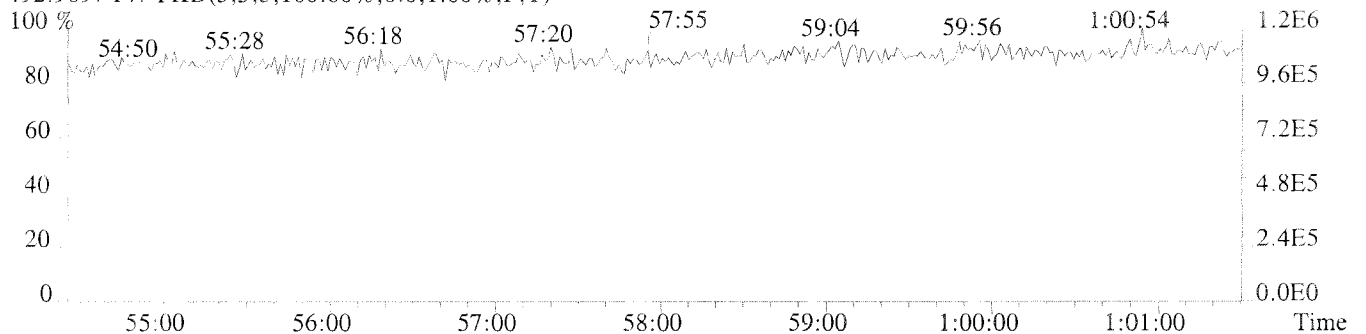
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1032.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,820.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,T)



RW/CS3 Daily Calibration QC Checklist

Calibration File Name: U224779

Circle one
Beginning Ending

Date: 01/18/11

Method: 1668 WHO 1668 Total 1668 (209) 1668 WHO & TOTAL

Date 01/18/11 First Reviewer me

Date 01/19/11 Second Reviewer (R)

5DFC
PCDD/PCDF ANALYTICAL SEQUENCE SUMMARY

Lab Name: Columbia Analytical Services

Contract:

Lab Code: TX01411

Case No.:

SDG No.:

GC Column: SPB-OCTYL ID: 0.25 (mm) Instrument ID: AutoSpec-Ultima

Init. Calib. Date: 10/19/09

Init. Calib. Times: 10:47

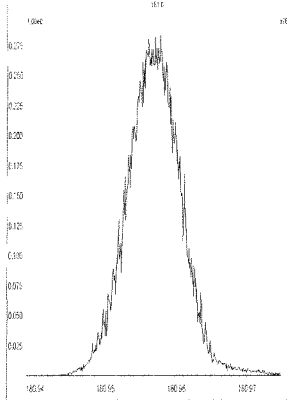
THE ANALYTICAL SEQUENCE OF STANDARDS, SAMPLES, BLANKS, AND LABORATORY CONTROL SAMPLES (LCSs) IS AS FOLLOWS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
CCAL CS3	CCAL CS3	U224779	18-JAN-11	11:09:26
LCS	EQ1100013-02	U224780	18-JAN-11	12:12:18
DLCS	EQ1100013-03	U224781	18-JAN-11	13:20:39
DCCS-209	PCB 209 INJECT ₇	U224778	18-JAN-11	09:37:40

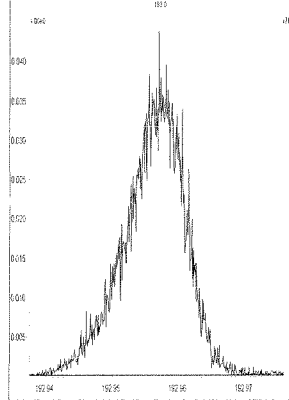
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Tuesday, January 18, 2011 09:33:37 Central Standard Time

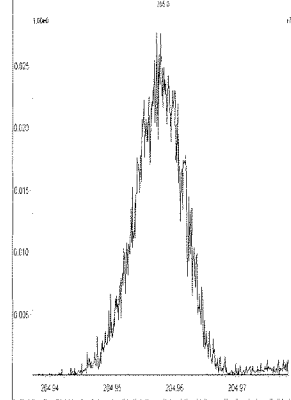
M 180.9888 R 10503



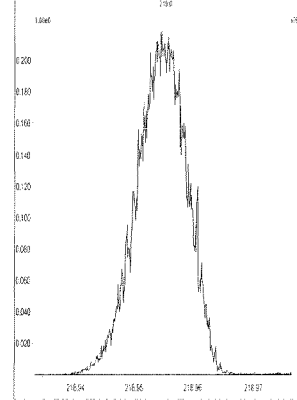
M 192.9888 R 9578



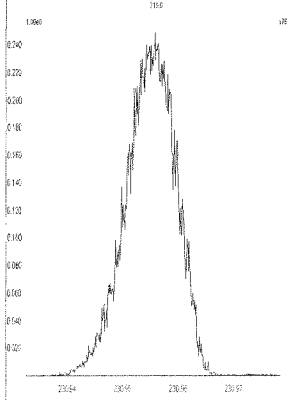
M 204.9888 R 11571



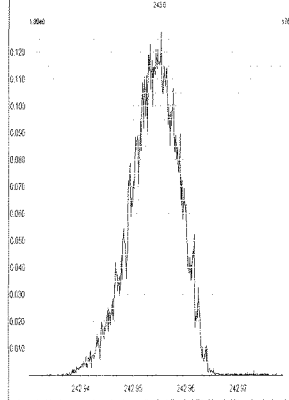
M 218.9856 R 11520



M 230.9856 R 11062



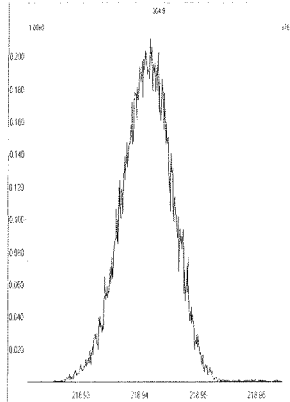
M 242.9856 R 11361



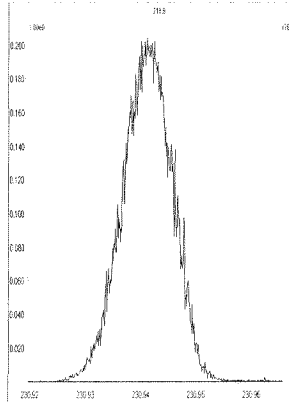
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Tuesday, January 18, 2011 09:33:56 Central Standard Time

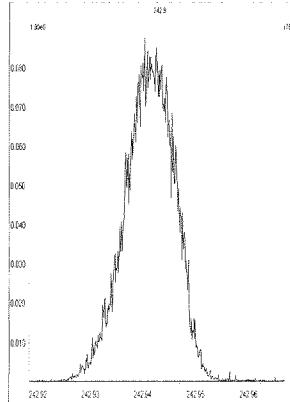
M 218.9856 R 10868



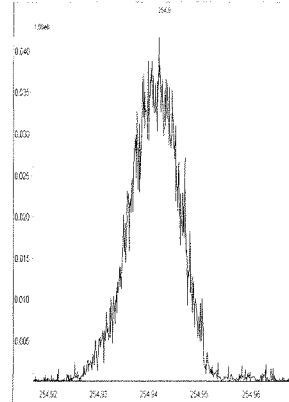
M 230.9856 R 11111



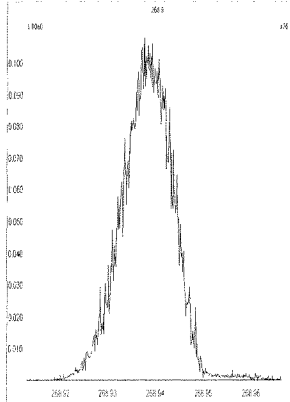
M 242.9856 R 11364



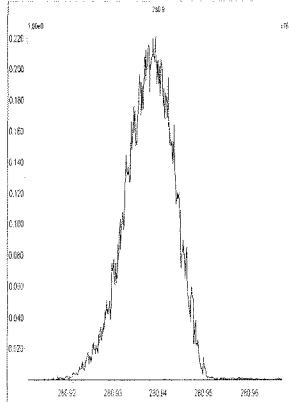
M 254.9856 R 12017



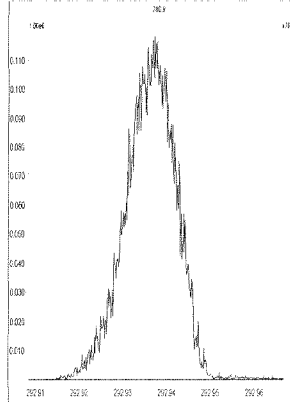
M 268.9824 R 11258



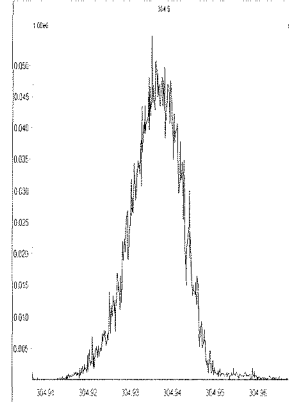
M 280.9824 R 11008



M 292.9824 R 11215



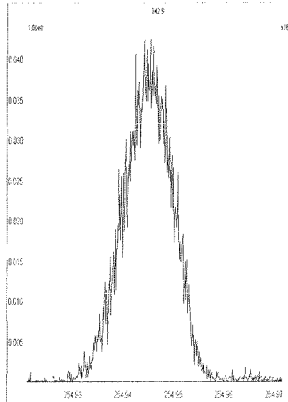
M 304.9824 R 11314



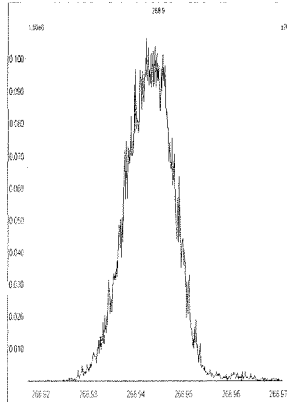
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Tuesday, January 18, 2011 09:34:13 Central Standard Time

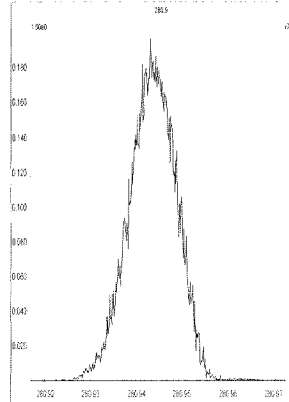
M 254.9856 R 11739



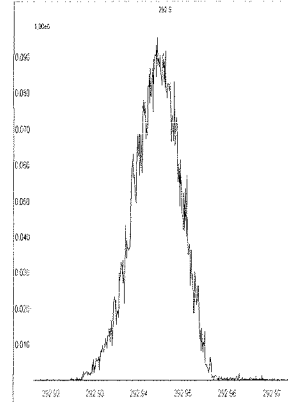
M 268.9824 R 11571



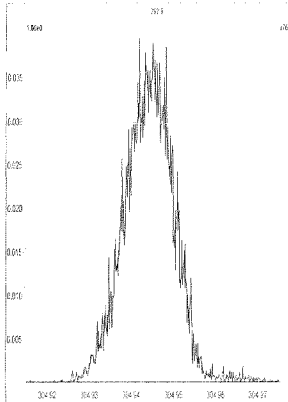
M 280.9824 R 11793



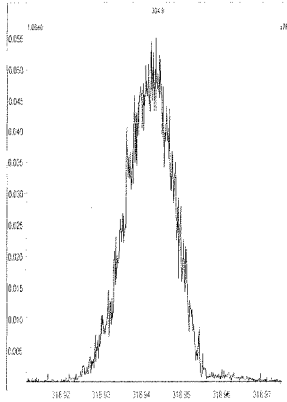
M 292.9824 R 11960



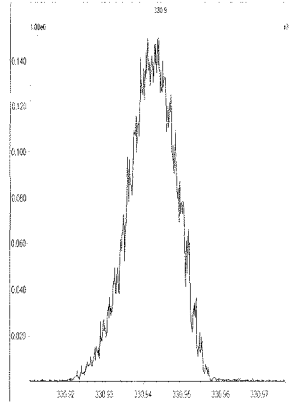
M 304.9824 R 11360



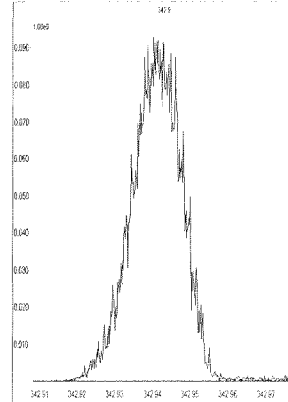
M 318.9792 R 12078



M 330.9792 R 11012



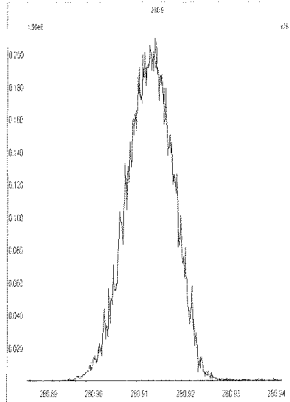
M 342.9792 R 11576



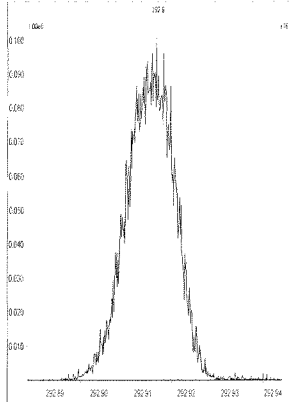
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Tuesday, January 18, 2011 09:34:31 Central Standard Time

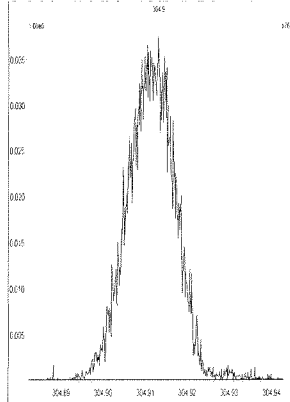
M 280.9824 R 12254



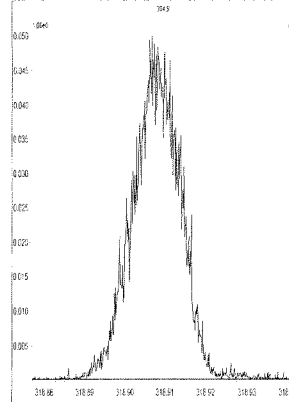
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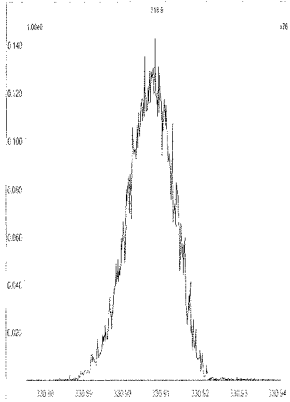
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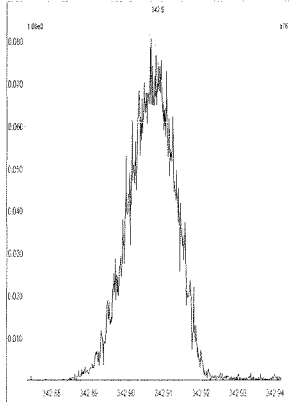
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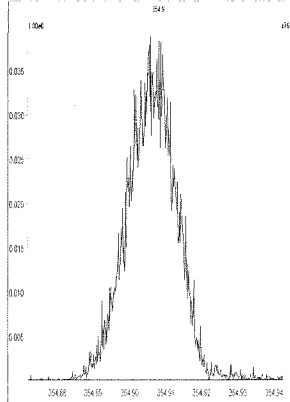
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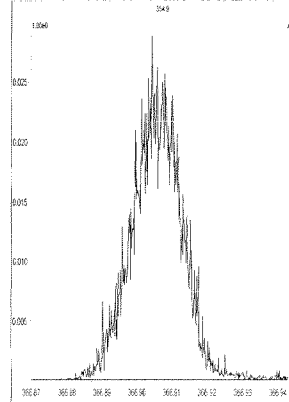
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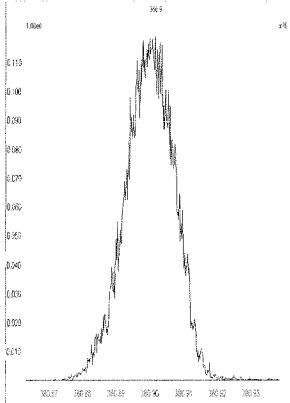
M 354.9792 R 11627



M 366.9792 R 12565



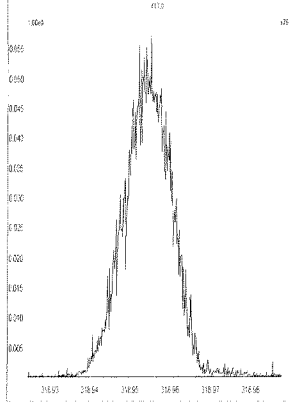
M 380.9760 R 11678



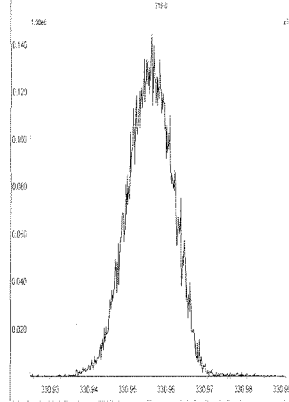
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Printed: Tuesday, January 18, 2011 09:34:45 Central Standard Time

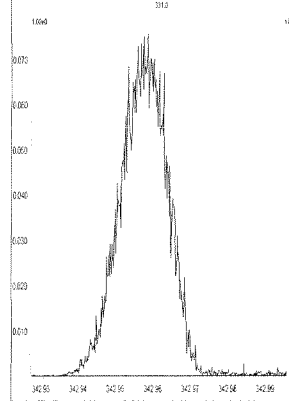
M 318.9792 R 11738



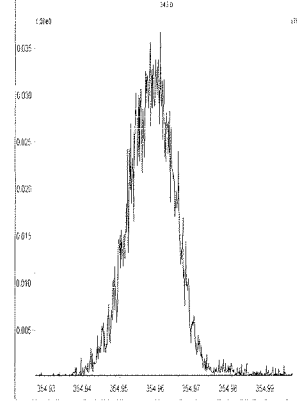
M 330.9792 R 12314



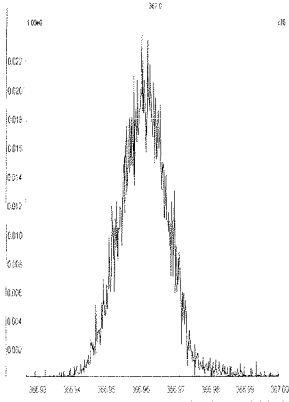
M 342.9792 R 12374



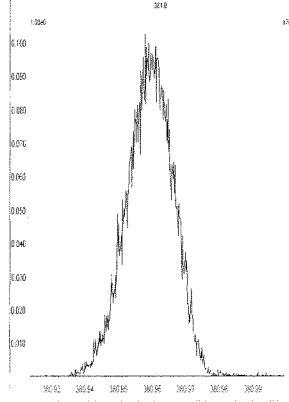
M 354.9792 R 12020



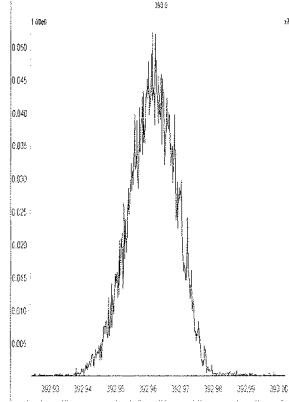
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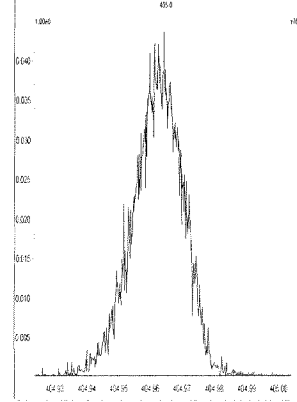
M 380.9760 R 11626



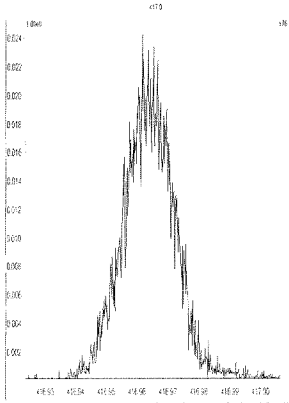
M 392.9760 R 11849



M 404.9760 R 11261



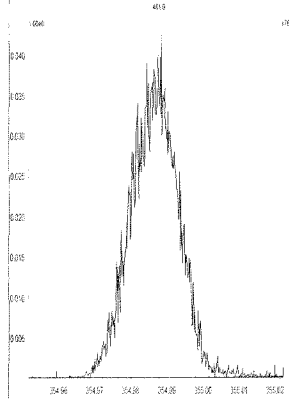
M 416.9760 R 11680



File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 6 @ 200 (ppm)

Printed: Tuesday, January 18, 2011 09:35:07 Central Standard Time

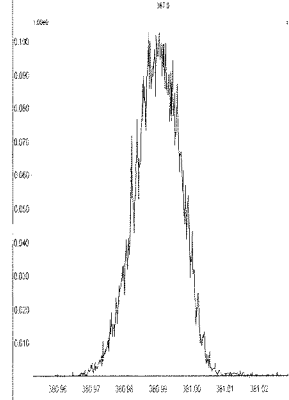
M 354.9792 R 12132



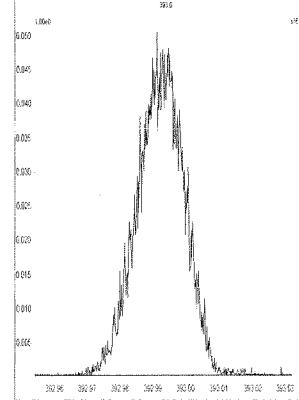
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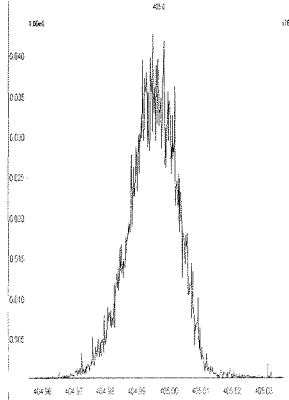
M 380.9760 R 12499



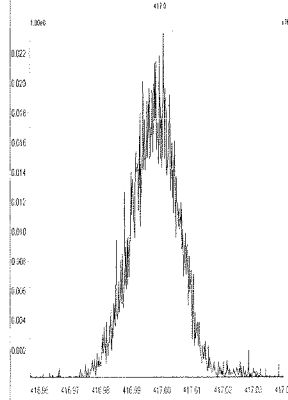
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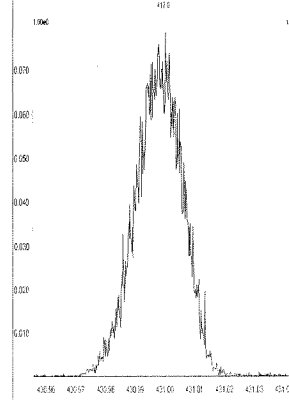
M 404.9760 R 11737



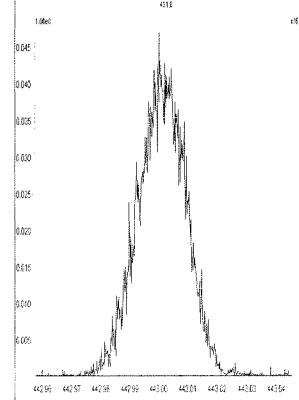
M 416.9760 R 11791



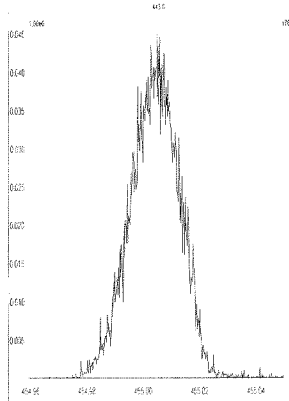
M 430.9728 R 11850



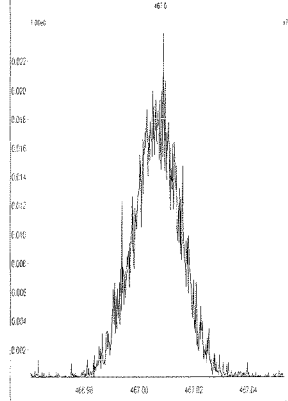
M 442.9728 R 12255



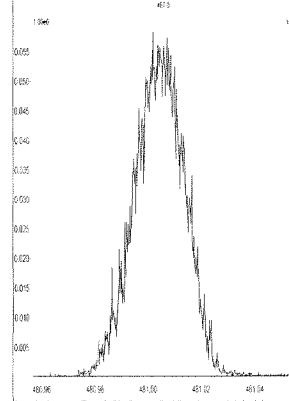
M 454.9728 R 11210



M 466.9728 R 11109



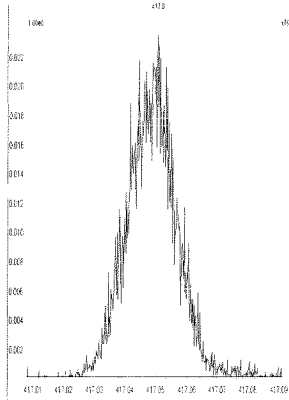
M 480.9696 R 11364



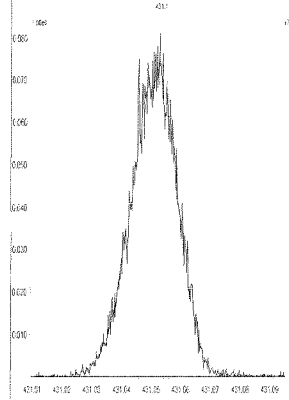
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Printed: Tuesday, January 18, 2011 09:35:27 Central Standard Time

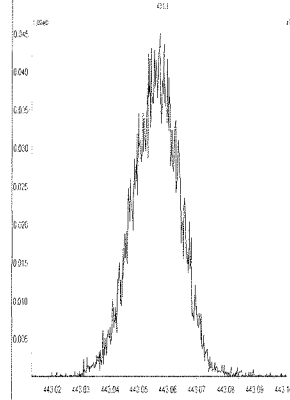
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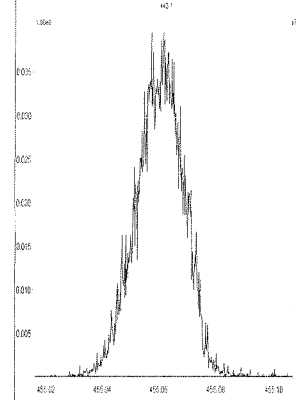
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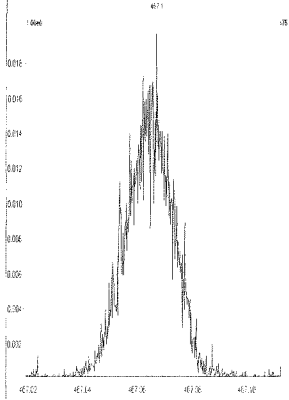
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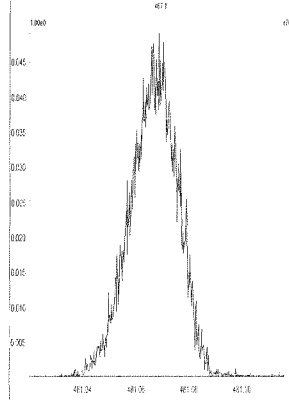
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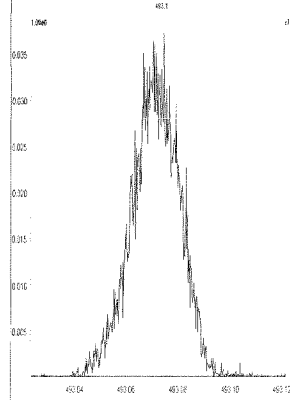
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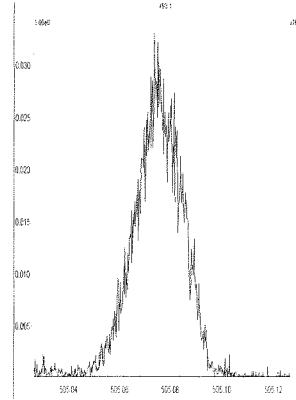
M 480.9696 R 11736



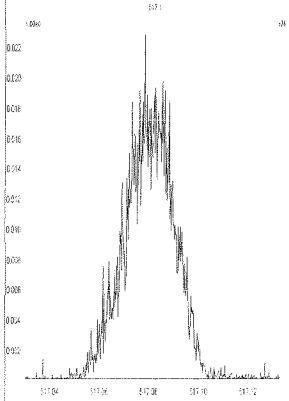
M 492.9696 R 12078



M 504.9696 R 12376



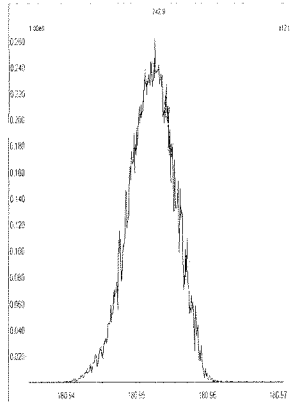
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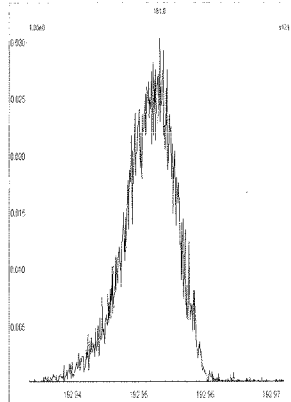
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Printed: Tuesday, January 18, 2011 15:03:26 Central Standard Time

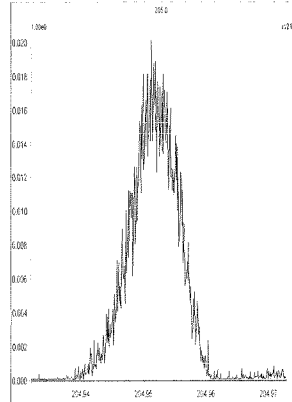
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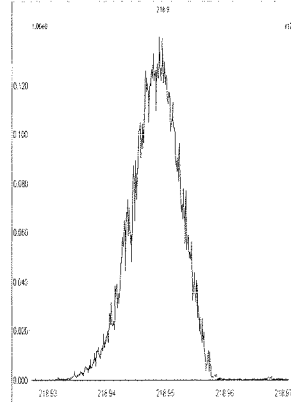
M 192.9888 R 9842



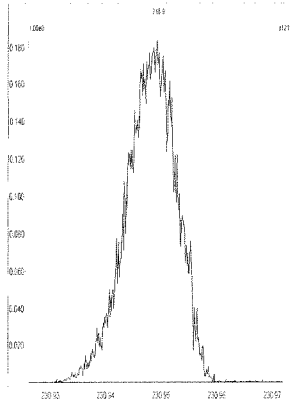
M 204.9888 R 11958



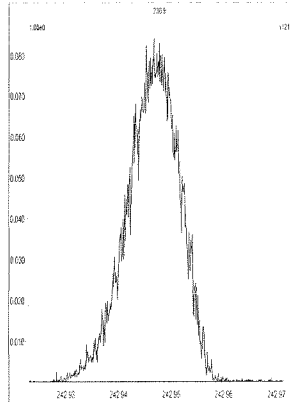
M 218.9856 R 11736



M 230.9856 R 11211



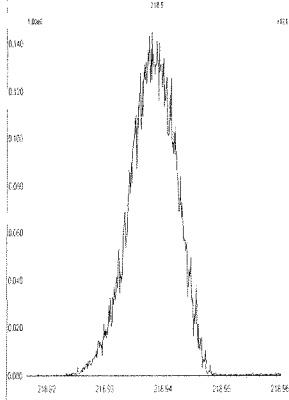
M 242.9856 R 10684



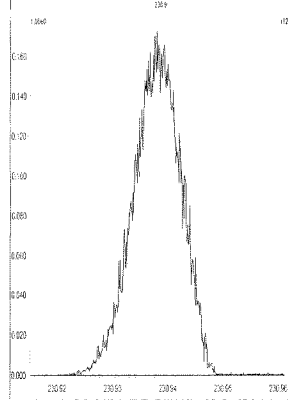
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Printed: Tuesday, January 18, 2011 15:03:49 Central Standard Time

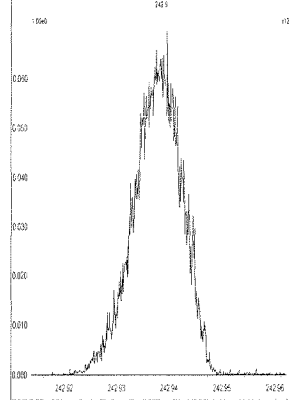
M 218.9856 R 11680



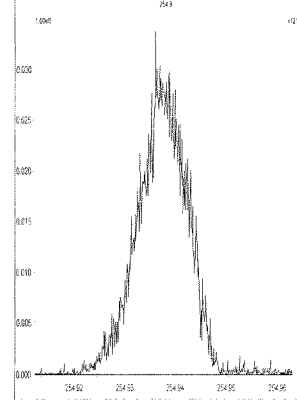
M 230.9856 R 11908



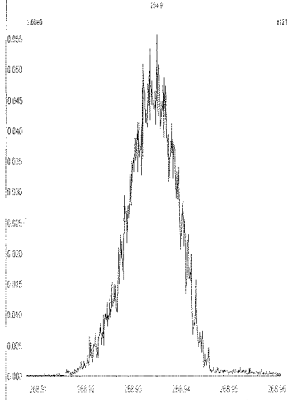
M 242.9856 R 12255



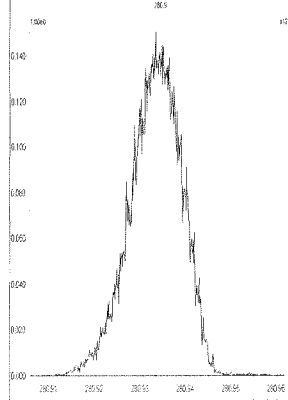
M 254.9856 R 11572



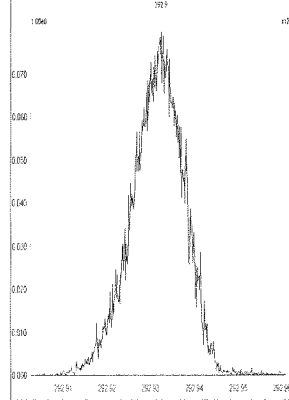
M 268.9824 R 11207



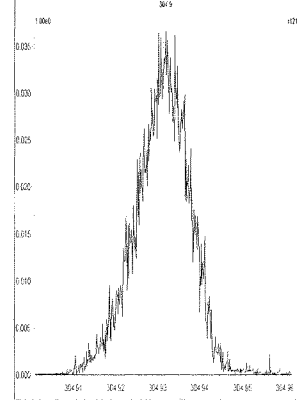
M 280.9824 R 10499



M 292.9824 R 10502



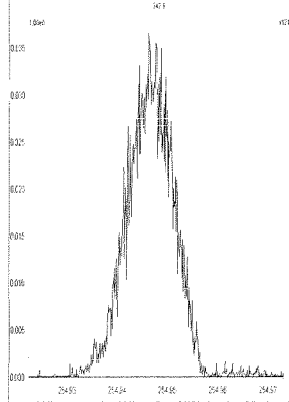
M 304.9824 R 10680



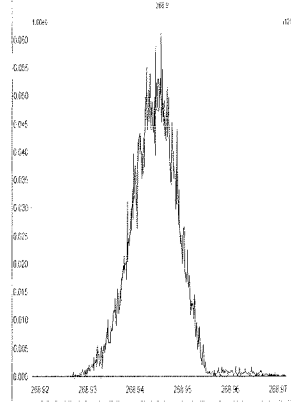
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Tuesday, January 18, 2011 15:04:06 Central Standard Time

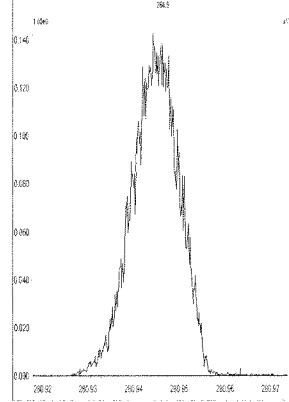
M 254.9856 R 11903



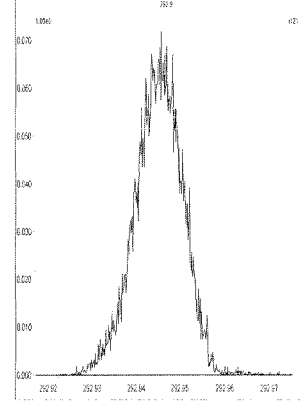
M 268.9824 R 12559



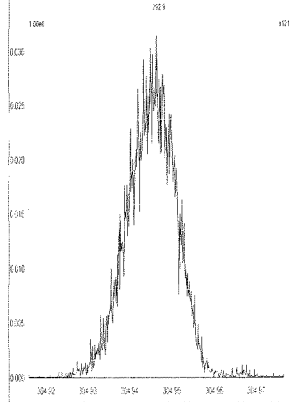
M 280.9824 R 12071



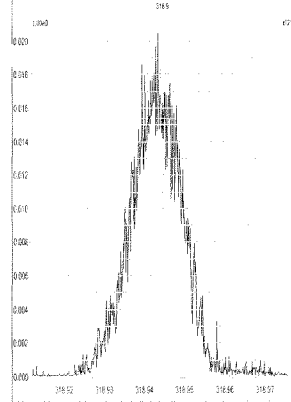
M 292.9824 R 12076



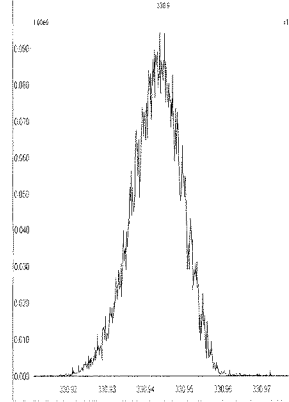
M 304.9824 R 11845



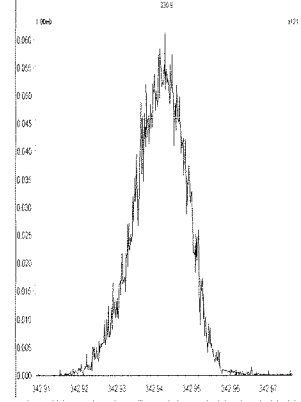
M 318.9792 R 11313



M 330.9792 R 10821



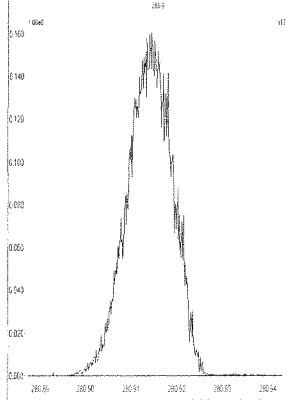
M 342.9792 R 10506



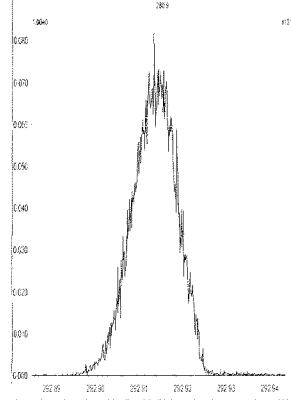
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Tuesday, January 18, 2011 15:04:24 Central Standard Time

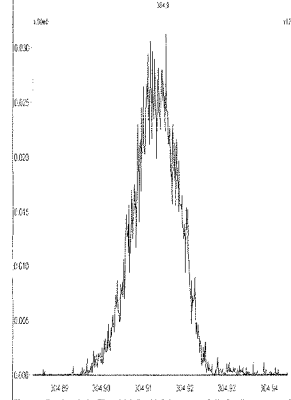
M 280.9824 R 12690



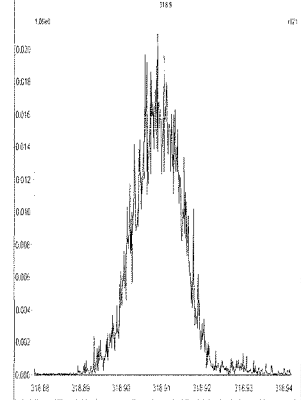
M 292.9824 R 12373



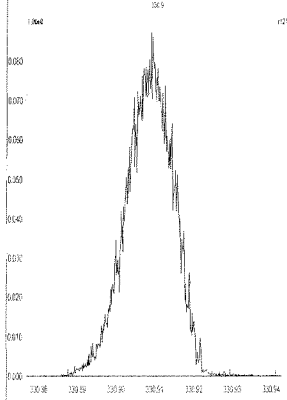
M 304.9824 R 12316



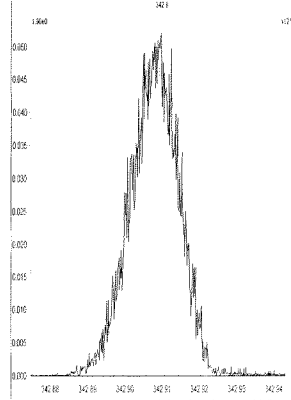
M 318.9792 R 12499



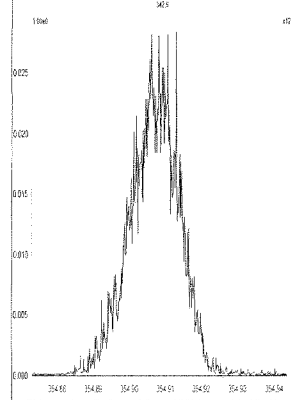
M 330.9792 R 12133



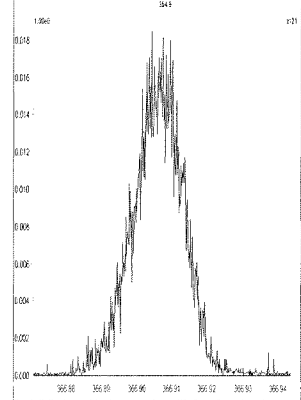
M 342.9792 R 13022



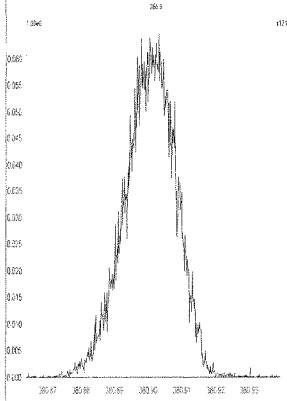
M 354.9792 R 11363



M 366.9792 R 11790



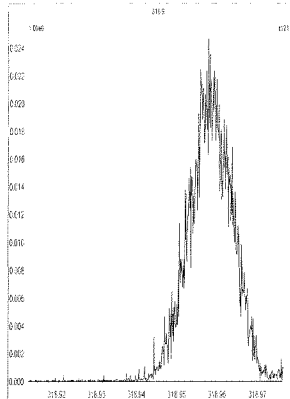
M 380.9760 R 11364



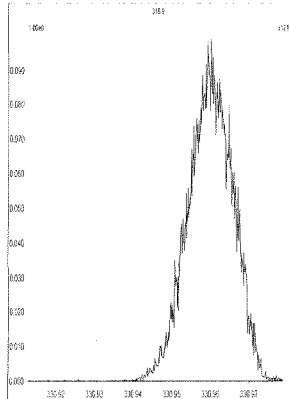
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Tuesday, January 18, 2011 15:04:39 Central Standard Time

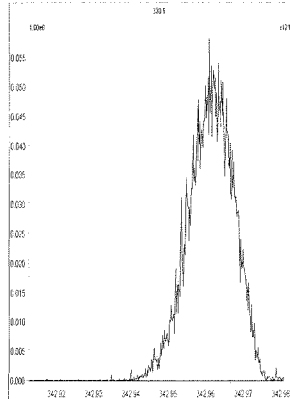
M 318.9792 R 13229



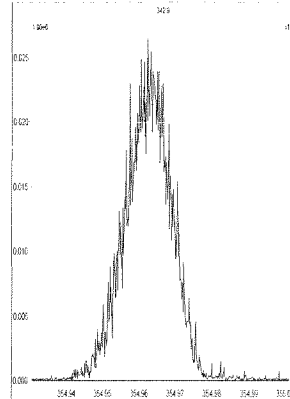
M 330.9792 R 12959



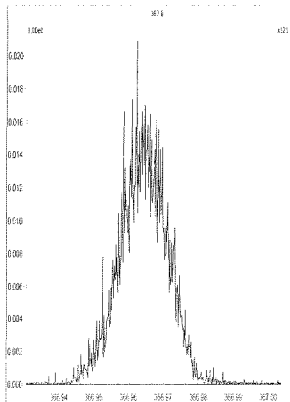
M 342.9792 R 12752



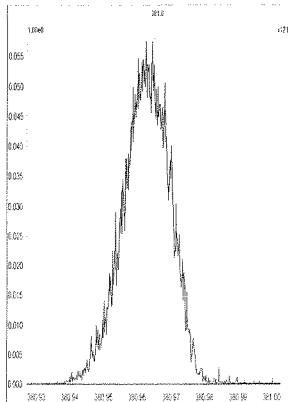
M 354.9792 R 12020



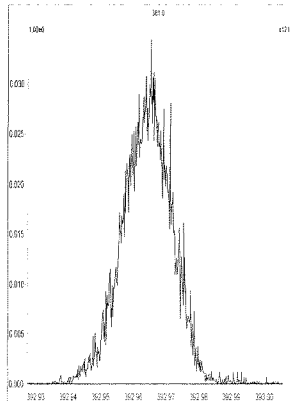
M 366.9792 R 12194



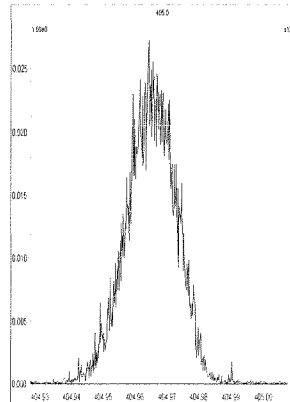
M 380.9760 R 11907



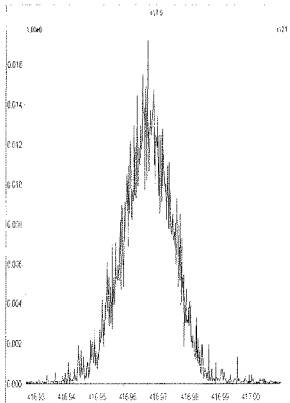
M 392.9760 R 11262



M 404.9760 R 11111



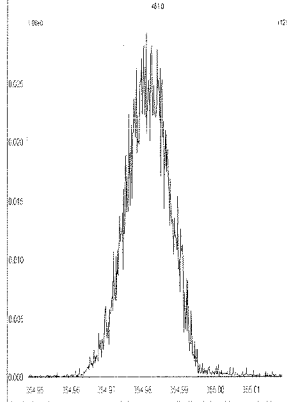
M 416.9760 R 12498



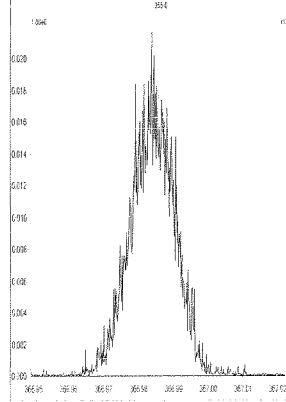
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 6 @ 200 (ppm)

Printed: Tuesday, January 18, 2011 15:05:01 Central Standard Time

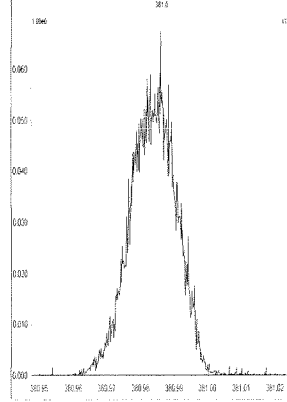
M 354.9792 R 12628



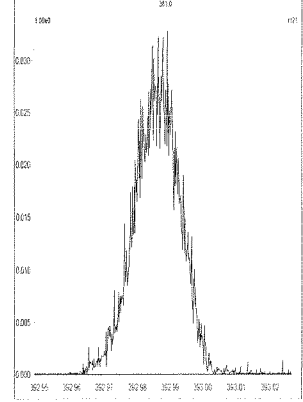
M 366.9792 R 13441



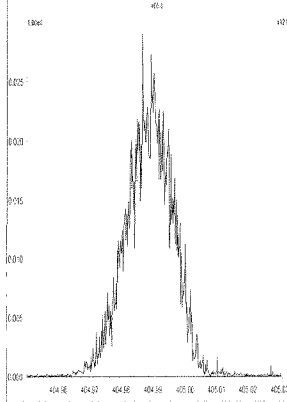
M 380.9760 R 11960



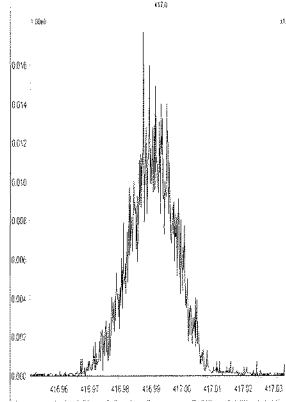
M 392.9760 R 13295



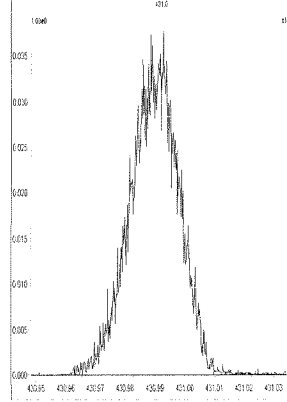
M 404.9760 R 12376



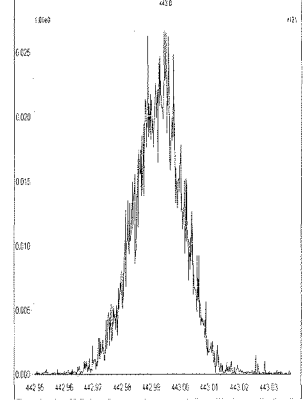
M 416.9760 R 12625



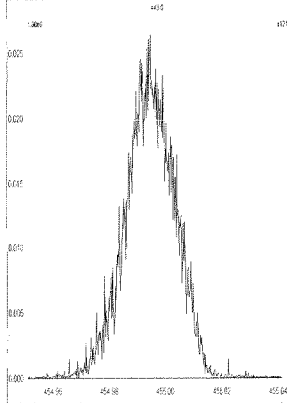
M 430.9728 R 11902



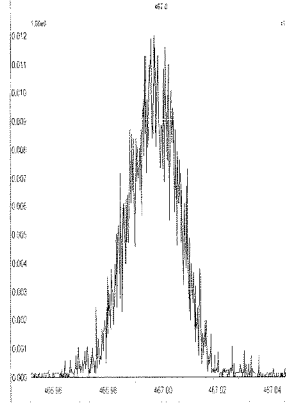
M 442.9728 R 11962



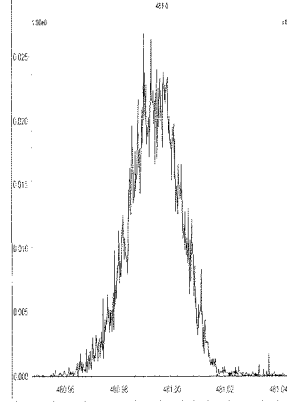
M 454.9728 R 11847



M 466.9728 R 13443



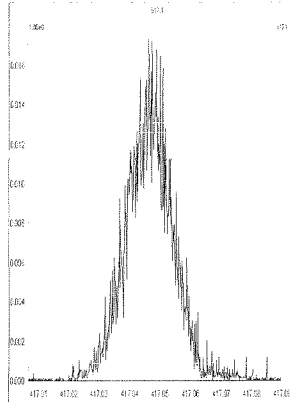
M 480.9696 R 10331



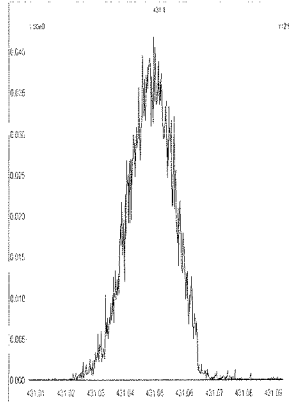
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 7 @ 200 (ppm)

Printed: Tuesday, January 18, 2011 15:05:21 Central Standard Time

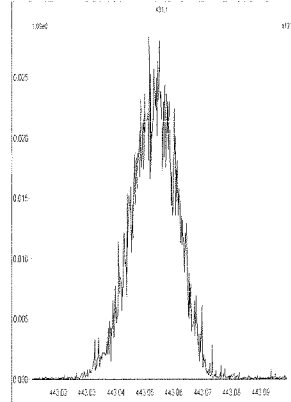
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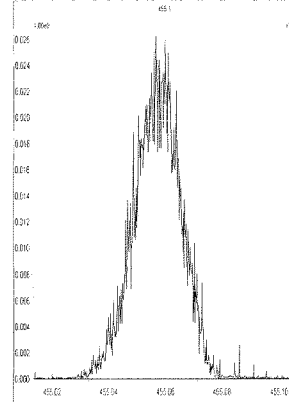
M 430.9728 R 12437



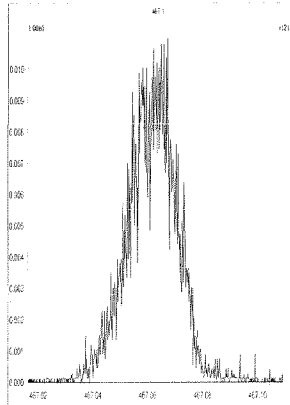
M 442.9728 R 12079



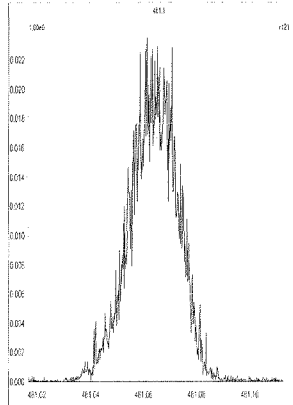
M 454.9728 R 11905



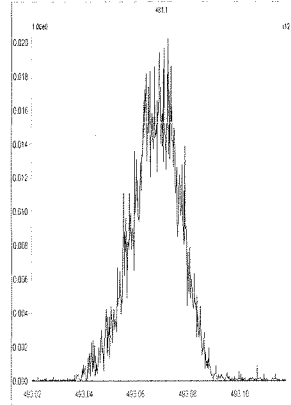
M 466.9728 R 11740



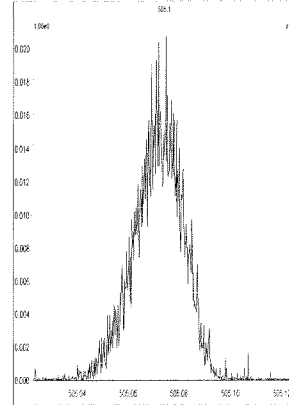
M 480.9696 R 11847



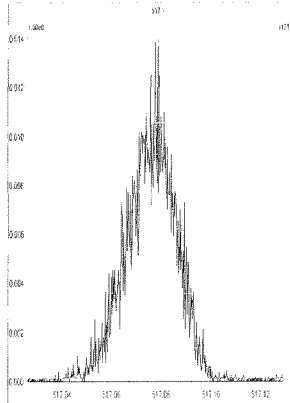
M 492.9696 R 12691



M 504.9696 R 11792



M 516.9697 R 12079



DCCS2091

METHOD 1668A
DILUTED COMBINED 209 CONGENER SOLUTION (DCCS-209)

CLIENT ID:

DCCS-209

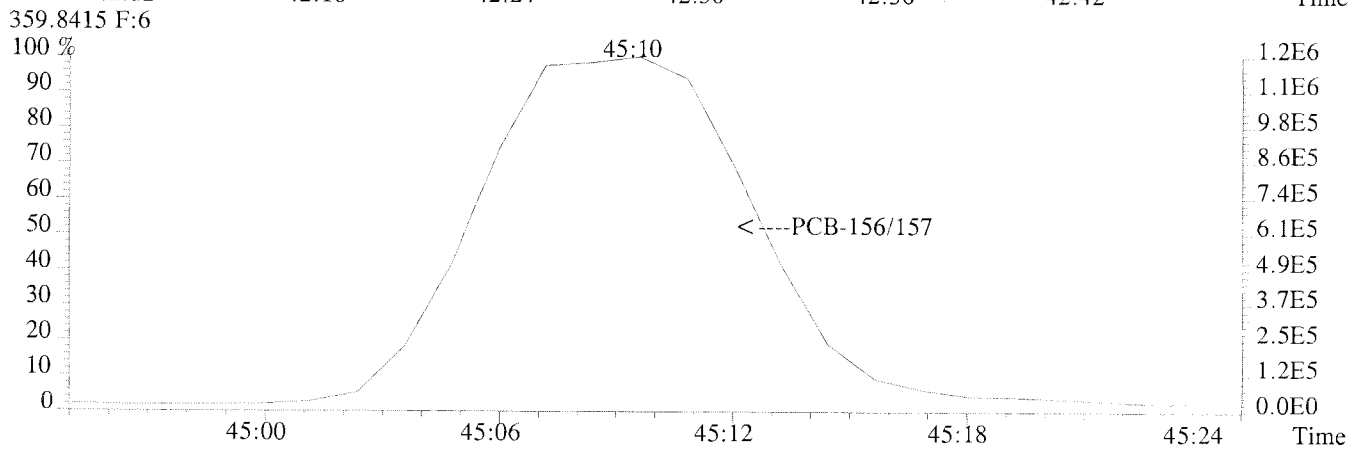
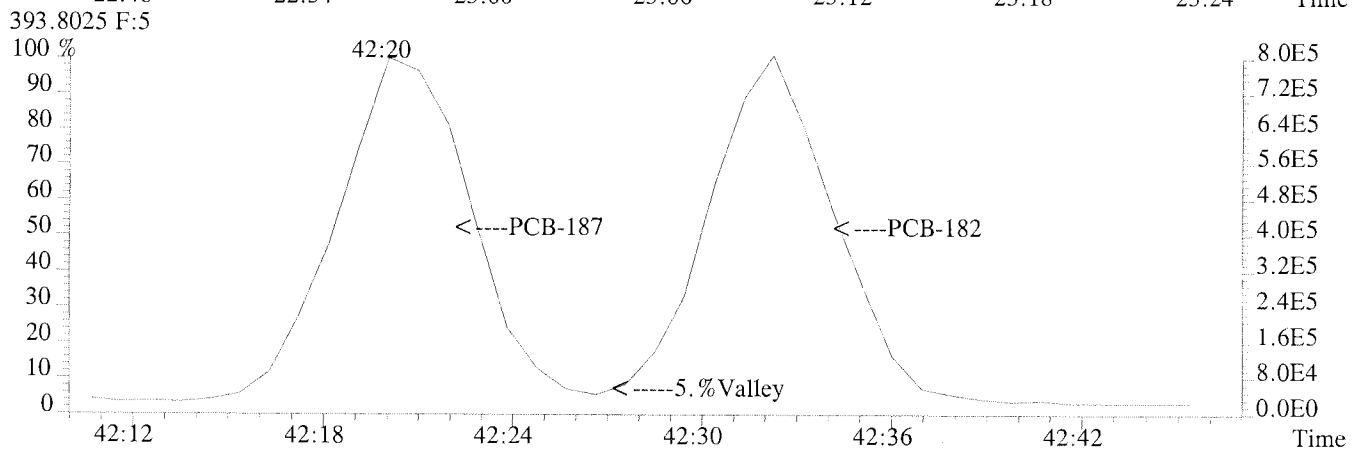
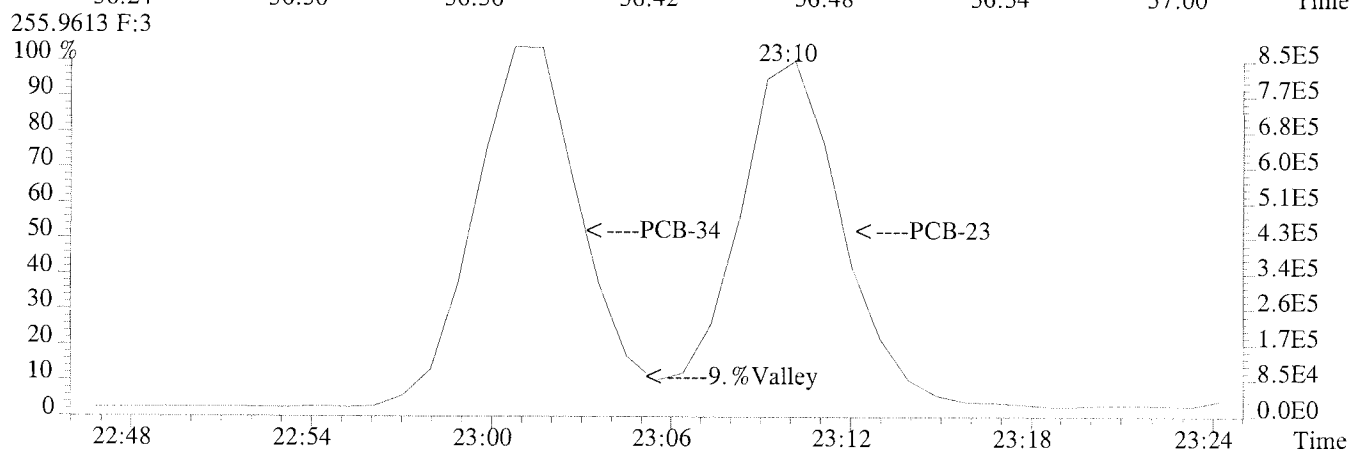
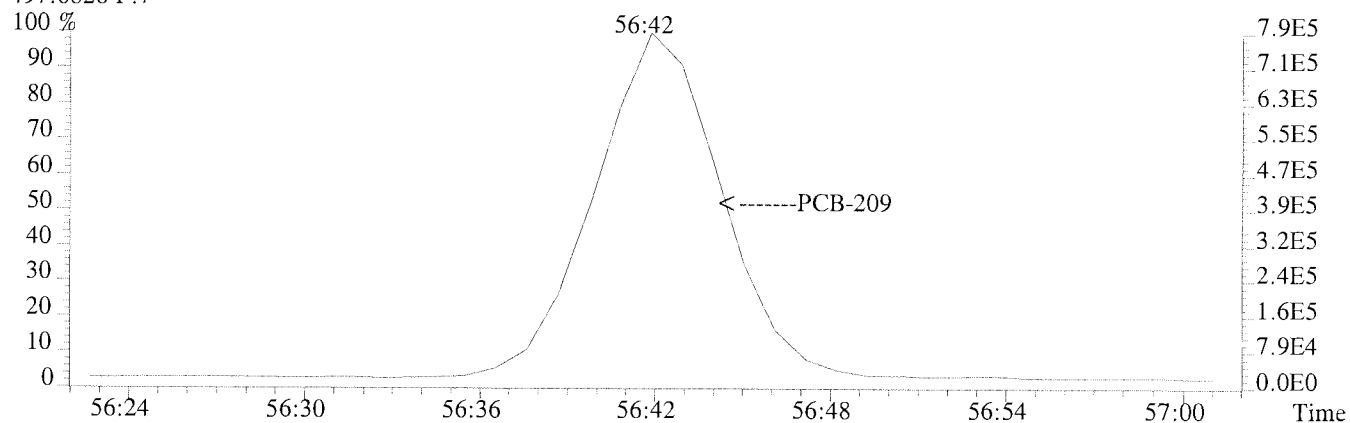
Lab Name: COLUMBIA ANALYTICAL SERVICES
Lab Code: CAS Case No.: _____ SDG No.: _____
GC Column: SPB-Octyl ID: 0.25 (mm) Lab File ID: U224778
Date Analyzed: 18-JAN-2011
Time Analyzed: 09:37:40

_____ | _____ | _____

Retention Time for PCB 209:	(>55 min)	56:42
% Valley between PCB 34 and PCB 23:	(<40%)	9.
% Valley between PCB 187 and PCB 182:	(<40%)	5.
Seconds of coelution between PCB 156 and PCB 157:	(<2 sec)	0

Reference: Section 6.9.1.1 Method 1668A with corrections and changes through Aug 30, 2003.

File:U224778 #1-400 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
497.6826 F:7



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
DCCS-209

Run #9 Filename U224778 #1 Samp: 1 Inj: 1 Acquired: 18-JAN-11 09:37:40
Processed: 18-JAN-11 17:00:13 LAB. ID: PCB 209 INJECTION

Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT	
1	1	2-MoCB	12:58	5.138e+03	1.690e+03	3.04	yes	no	1.001
2	3	4-MoCB	15:09	5.696e+03	1.719e+03	3.31	yes	no	1.001
3	4	22'-DiCB	15:24	2.741e+03	1.763e+03	1.56	yes	no	1.001
4	15	44'-DiCB	21:19	4.223e+03	2.565e+03	1.65	yes	no	1.001
5	19	22'6'-TrCB	18:32	1.747e+03	1.726e+03	1.01	yes	no	1.001
6	37	344'-TrCB	28:20	3.563e+03	3.521e+03	1.01	yes	no	1.001
7	54	22'66'-TeCB	21:37	4.654e+03	6.387e+03	0.73	yes	no	1.001
8	81	344'5'-TeCB	35:03	5.292e+03	6.731e+03	0.79	yes	no	1.000
9	77	33'44'-TeCB	35:37	5.029e+03	6.333e+03	0.79	yes	no	1.001
10	104	22'466'-PeCB	27:06	6.831e+03	4.397e+03	1.55	yes	no	1.001
11	123	2'344'5'-PeCB	37:35	7.039e+03	4.212e+03	1.67	yes	no	1.000
12	118	23'44'5'-PeCB	37:54	6.277e+03	4.106e+03	1.53	yes	no	1.001
13	114	2344'5'-PeCB	38:25	6.575e+03	4.254e+03	1.55	yes	no	1.000
14	105	233'44'-PeCB	39:06	6.706e+03	4.448e+03	1.51	yes	no	1.001
15	126	33'44'5'-PeCB	42:09	8.255e+03	5.812e+03	1.42	yes	no	1.000
16	155	22'44'66'-HxCB	32:43	5.729e+03	4.843e+03	1.18	yes	no	1.001
17	167	23'44'55'-HxCB	43:59	4.455e+03	3.616e+03	1.23	yes	no	1.000
18	156/7	233'44'5'-HxCB	45:08	8.078e+03	6.288e+03	1.28	yes	no	1.000
19	169	33'44'55'-HxCB	48:22	3.513e+03	2.800e+03	1.25	yes	no	1.000
20	188	22'34'566'-HpCB	38:24	4.747e+03	4.612e+03	1.03	yes	no	1.001
21	189	233'44'55'-HpCB	50:51	2.760e+03	2.636e+03	1.05	yes	no	1.000
22	202	22'33'55'66'-OxCB	43:45	4.110e+03	4.647e+03	0.88	yes	no	1.000
23	205	233'44'55'6'-OxCB	53:24	3.129e+03	3.604e+03	0.87	yes	no	1.000
24	208	22'33'4'55'66'-NoCB	50:22	3.775e+03	4.894e+03	0.77	yes	no	1.000
25	206	22'33'44'55'6'-NoCB	55:08	2.110e+03	2.822e+03	0.75	yes	no	1.001
26	209	DeCB	56:42	3.608e+03	3.062e+03	1.18	yes	no	1.000
27	1L	13C-2-MoCB	12:57	1.946e+04	6.042e+03	3.22	yes	no	0.746
28	3L	13C-4-MoCB	15:08	2.092e+04	6.015e+03	3.48	yes	no	0.872
29	4L	13C-22'-DiCB	15:23	1.268e+04	8.278e+03	1.53	yes	no	0.886
30	15L	13C-44'-DiCB	21:18	1.574e+04	9.882e+03	1.59	yes	no	1.227
31	19L	13C-22'6'-TrCB	18:31	7.187e+03	6.935e+03	1.04	yes	no	1.067
32	37L	13C-344'-TrCB	28:19	1.378e+04	1.320e+04	1.04	yes	no	1.084
33	54L	13C-22'66'-TeCB	21:36	1.011e+04	1.305e+04	0.77	yes	no	0.827
34	81L	13C-344'5'-TeCB	35:02	9.653e+03	1.206e+04	0.80	yes	no	1.341
35	77L	13C-33'44'-TeCB	35:35	9.495e+03	1.172e+04	0.81	yes	no	1.362
36	104L	13C-22'466'-PeCB	27:04	1.537e+04	9.902e+03	1.55	yes	no	0.822
37	123L	13C-2'344'5'-PeCB	37:34	1.265e+04	8.013e+03	1.58	yes	no	1.141
38	118L	13C-23'44'5'-PeCB	37:53	1.348e+04	8.457e+03	1.59	yes	no	1.150
39	114L	13C-2344'5'-PeCB	38:24	1.319e+04	8.274e+03	1.59	yes	no	1.166
40	105L	13C-233'44'-PeCB	39:04	1.318e+04	8.159e+03	1.62	yes	no	1.186
41	126L	13C-33'44'5'-PeCB	42:08	1.332e+04	8.434e+03	1.58	yes	no	1.279
42	155L	13C-22'44'66'-HxCB	32:41	1.286e+04	1.041e+04	1.24	yes	no	0.798
43	167L	13C-23'44'55'-HxCB	43:58	8.479e+03	6.657e+03	1.27	yes	no	1.073
44	156/7	13C-233'44'5'-HxCB	45:07	1.580e+04	1.248e+04	1.27	yes	no	1.101
45	169L	13C-33'44'55'-HxCB	48:21	6.817e+03	5.241e+03	1.30	yes	no	1.180
46	188L	13C-22'34'566'-HpCB	38:23	1.127e+04	1.070e+04	1.05	yes	no	0.725
47	189L	13C-233'44'55'-HpCB	50:50	5.858e+03	5.645e+03	1.04	yes	no	0.961
48	202L	13C-22'33'55'66'-OxCB	43:44	6.592e+03	7.441e+03	0.89	yes	no	0.826
49	205L	13C-233'44'55'6'-OxCB	53:23	5.068e+03	5.565e+03	0.91	yes	no	1.009
50	208L	13C-22'33'4'55'66'-NoCB	50:21	6.007e+03	7.680e+03	0.78	yes	no	0.952
51	206L	13C-22'33'44'55'6'-NoCB	55:06	3.129e+03	4.023e+03	0.78	yes	no	1.041
52	209L	13C-DeCB	56:41	5.322e+03	4.593e+03	1.16	yes	no	1.071

53	28L	13C-244'-TrCB	24:18	1.420e+04	1.336e+04	1.06	yes	no	0.930
54	111L	13C-233'55'-PeCB	35:35	1.166e+04	7.577e+03	1.54	yes	no	1.081
55	178L	13C-22'33'55'6'-HpCB	41:26	6.833e+03	6.591e+03	1.04	yes	no	1.011
56	9L	13C-2,5-DiCB	17:22	1.594e+04	1.005e+04	1.59	yes	no	*
57	52L	13C-22'55'-TeCB	26:08	8.728e+03	1.107e+04	0.79	yes	no	*
58	101L	13C-22'4'55'-PeCB	32:56	9.956e+03	6.369e+03	1.56	yes	no	*
59	138L	13C-22'3'44'5'-HxCB	40:58	8.469e+03	6.899e+03	1.23	yes	no	*
60	194L	13C-22'33'44'55'-OcCB	52:55	4.202e+03	4.713e+03	0.89	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
DCCS-209

Run #9 Filename U224778 Samp: 1 Inj: 1 Acquired: 18-JAN-11 09:37:40
Processed: 18-JAN-11 17:00:131 LAB. ID: PCB 209 INJECTION

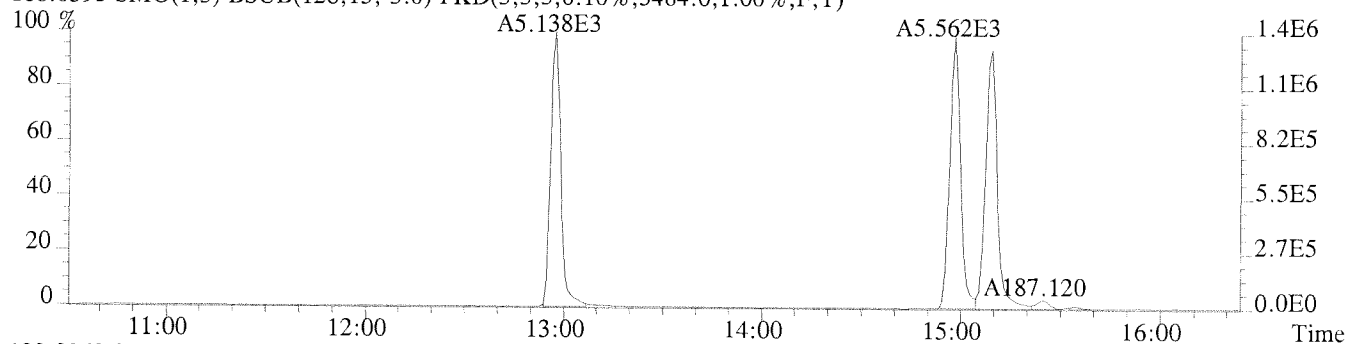
	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	1.37e+06	3.48e+03	3.9e+02	4.47e+05	4.23e+03	1.1e+02
2	4-MoCB	1.29e+06	3.48e+03	3.7e+02	4.02e+05	4.23e+03	9.5e+01
3	22'-DiCB	6.82e+05	2.49e+03	2.7e+02	4.40e+05	4.28e+03	1.0e+02
4	44'-DiCB	9.01e+05	3.05e+03	3.0e+02	5.58e+05	6.02e+03	9.3e+01
5	22'6'-TrCB	4.45e+05	1.47e+03	3.0e+02	4.44e+05	2.62e+03	1.7e+02
6	344'-TrCB	6.56e+05	9.12e+03	7.2e+01	6.68e+05	3.68e+03	1.8e+02
7	22'66'-TeCB	1.08e+06	1.47e+03	7.3e+02	1.50e+06	1.32e+03	1.1e+03
8	344'5-TeCB	9.41e+05	9.46e+03	9.9e+01	1.18e+06	5.64e+03	2.1e+02
9	33'44'-TeCB	8.61e+05	9.46e+03	9.1e+01	1.09e+06	5.64e+03	1.9e+02
10	22'466'-PeCB	1.33e+06	1.04e+03	1.3e+03	8.56e+05	1.48e+03	5.8e+02
11	2'344'5-PeCB	1.22e+06	5.79e+04	2.1e+01	8.16e+05	4.07e+03	2.0e+02
12	23'44'5-PeCB	1.07e+06	5.79e+04	1.9e+01	7.08e+05	4.07e+03	1.7e+02
13	2344'5-PeCB	1.16e+06	5.79e+04	2.0e+01	7.24e+05	4.07e+03	1.8e+02
14	233'44'-PeCB	1.18e+06	5.79e+04	2.0e+01	7.70e+05	4.07e+03	1.9e+02
15	33'44'5-PeCB	1.35e+06	5.79e+04	2.3e+01	8.72e+05	4.07e+03	2.1e+02
16	22'44'66'-HxCB	1.12e+06	1.43e+03	7.8e+02	9.33e+05	1.16e+03	8.0e+02
17	23'44'55'-HxCB	9.55e+05	3.75e+03	2.5e+02	7.43e+05	3.54e+03	2.1e+02
18	233'44'5-HxCB	1.19e+06	3.75e+03	3.2e+02	9.30e+05	3.54e+03	2.6e+02
19	33'44'55'-HxCB	6.96e+05	3.75e+03	1.9e+02	5.53e+05	3.54e+03	1.6e+02
20	22'34'566'-HpCB	8.83e+05	7.92e+02	1.1e+03	8.68e+05	1.23e+03	7.1e+02
21	233'44'55'-HpCB	5.73e+05	2.01e+03	2.8e+02	5.55e+05	1.02e+03	5.4e+02
22	22'33'55'66'-OcCB	8.96e+05	1.51e+03	5.9e+02	1.03e+06	1.74e+03	5.9e+02
23	233'44'55'6-OcCB	6.75e+05	1.51e+03	4.5e+02	7.68e+05	1.74e+03	4.4e+02
24	22'33'4'55'66'-NoCB	8.21e+05	1.39e+03	5.9e+02	1.05e+06	1.22e+03	8.6e+02
25	22'33'44'55'6-NoCB	3.91e+05	1.98e+03	2.0e+02	5.28e+05	1.28e+03	4.1e+02
26	DeCB	6.89e+05	9.48e+02	7.3e+02	5.96e+05	1.04e+03	5.8e+02
27	13C-2-MoCB	5.24e+06	3.40e+03	1.5e+03	1.68e+06	1.19e+05	1.4e+01
28	13C-4-MoCB	4.88e+06	3.40e+03	1.4e+03	1.50e+06	1.19e+05	1.3e+01
29	13C-22'-DiCB	3.21e+06	4.54e+03	7.1e+02	2.10e+06	2.24e+03	9.4e+02
30	13C-44'-DiCB	3.44e+06	3.07e+03	1.1e+03	2.14e+06	1.96e+03	1.1e+03
31	13C-22'6'-TrCB	1.84e+06	1.62e+04	1.1e+02	1.77e+06	6.06e+03	2.9e+02
32	13C-344'-TrCB	2.53e+06	1.92e+04	1.3e+02	2.37e+06	6.89e+03	3.4e+02
33	13C-22'66'-TeCB	2.42e+06	2.56e+03	9.5e+02	3.11e+06	2.16e+03	1.4e+03
34	13C-344'5-TeCB	1.69e+06	2.02e+03	8.3e+02	2.13e+06	1.60e+03	1.3e+03
35	13C-33'44'-TeCB	1.64e+06	2.02e+03	8.1e+02	2.06e+06	1.60e+03	1.3e+03
36	13C-22'466'-PeCB	3.06e+06	1.35e+03	2.3e+03	1.98e+06	1.13e+03	1.8e+03
37	13C-2'344'5-PeCB	2.23e+06	2.44e+03	9.1e+02	1.43e+06	4.94e+03	2.9e+02
38	13C-23'44'5-PeCB	2.41e+06	2.44e+03	9.9e+02	1.51e+06	4.94e+03	3.1e+02
39	13C-2344'5-PeCB	2.39e+06	2.44e+03	9.8e+02	1.48e+06	4.94e+03	3.0e+02
40	13C-233'44'-PeCB	2.29e+06	2.44e+03	9.4e+02	1.42e+06	4.94e+03	2.9e+02
41	13C-33'44'5-PeCB	2.18e+06	2.44e+03	8.9e+02	1.37e+06	4.94e+03	2.8e+02
42	13C-22'44'66'-HxCB	2.44e+06	1.01e+03	2.4e+03	1.96e+06	1.43e+03	1.4e+03
43	13C-23'44'55'-HxCB	1.79e+06	4.16e+03	4.3e+02	1.40e+06	2.57e+03	5.5e+02
44	13C-233'44'5'-HxCB	2.35e+06	4.16e+03	5.6e+02	1.82e+06	2.57e+03	7.1e+02
45	13C-33'44'55'-HxCB	1.33e+06	4.16e+03	3.2e+02	1.03e+06	2.57e+03	4.0e+02
46	13C-22'34'566'-HpCB	2.06e+06	1.15e+03	1.8e+03	1.96e+06	1.35e+03	1.5e+03
47	13C-233'44'55'-HpCB	1.20e+06	1.97e+03	6.1e+02	1.17e+06	1.77e+03	6.6e+02
48	13C-22'33'55'66'-OcCB	1.46e+06	1.67e+03	8.7e+02	1.64e+06	1.29e+03	1.3e+03
49	13C-233'44'55'6-OcCB	1.07e+06	1.67e+03	6.4e+02	1.18e+06	1.29e+03	9.1e+02
50	13C-22'33'4'55'66'-NoCB	1.28e+06	1.43e+03	9.0e+02	1.64e+06	1.31e+03	1.3e+03
51	13C-22'33'44'55'6-NoCB	6.11e+05	1.27e+03	4.8e+02	7.77e+05	1.11e+03	7.0e+02
52	13C-DeCB	1.04e+06	9.88e+02	1.0e+03	8.87e+05	1.10e+03	8.0e+02

53	13C-244'-TrCB	2.86e+06	1.92e+04	1.5e+02	2.66e+06	6.89e+03	3.9e+02
54	13C-233'55'-PeCB	2.18e+06	1.11e+03	2.0e+03	1.46e+06	1.35e+03	1.1e+03
55	13C-22'33'55'6-HpCB	1.23e+06	1.15e+03	1.1e+03	1.17e+06	1.35e+03	8.7e+02
56	13C-2,5-DiCB	4.05e+06	3.07e+03	1.3e+03	2.57e+06	1.96e+03	1.3e+03
57	13C-22'55'-TeCB	1.75e+06	1.62e+03	1.1e+03	2.24e+06	1.43e+03	1.6e+03
58	13C-22'4'55'-PeCB	1.87e+06	1.11e+03	1.7e+03	1.20e+06	1.35e+03	8.9e+02
59	13C-22'3'44'5'-HxCB	1.52e+06	1.38e+03	1.1e+03	1.24e+06	1.14e+03	1.1e+03
60	13C-22'33'44'55'-OcCB	8.89e+05	1.67e+03	5.3e+02	9.99e+05	1.29e+03	7.8e+02

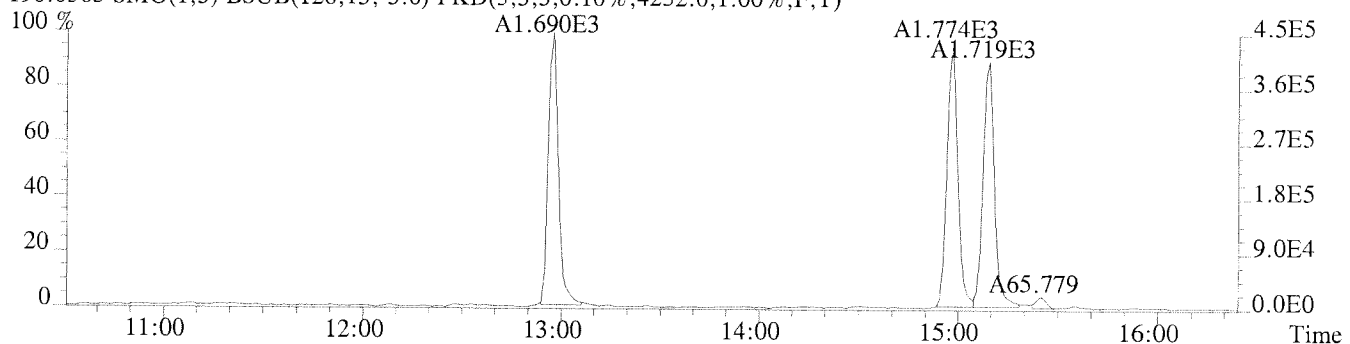
File:U224778 #1-379 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

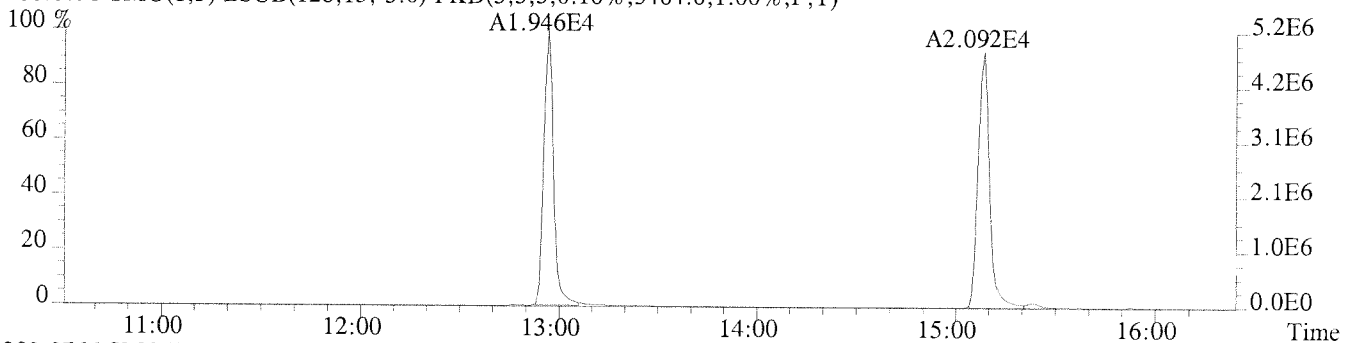
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3484.0,1.00%,F,T)



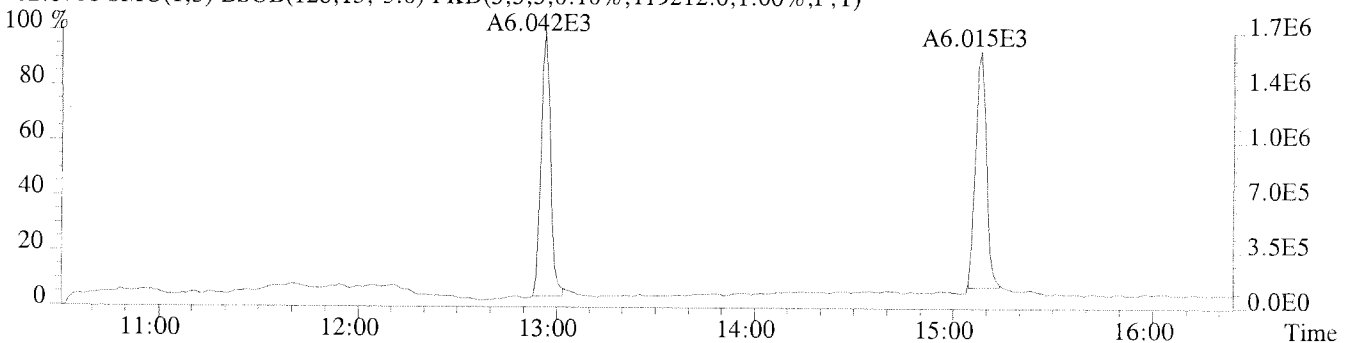
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4232.0,1.00%,F,T)



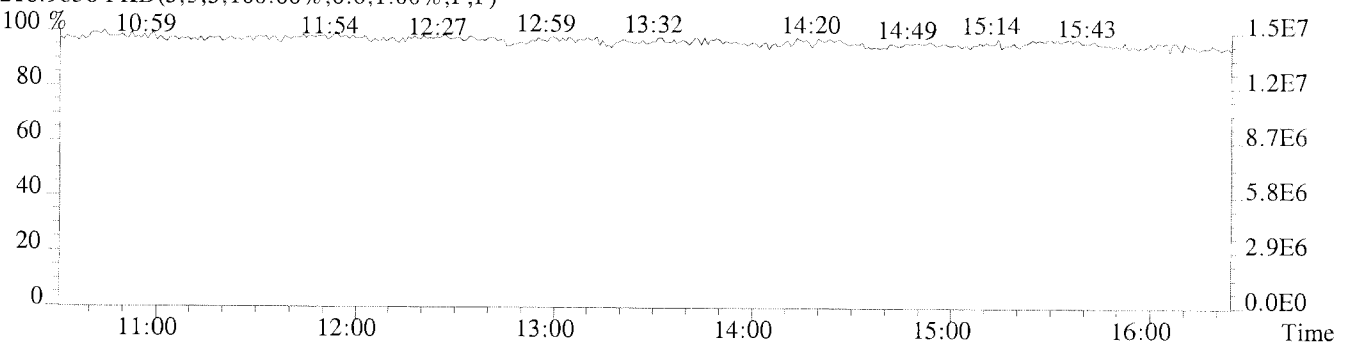
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3404.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,119212.0,1.00%,F,T)



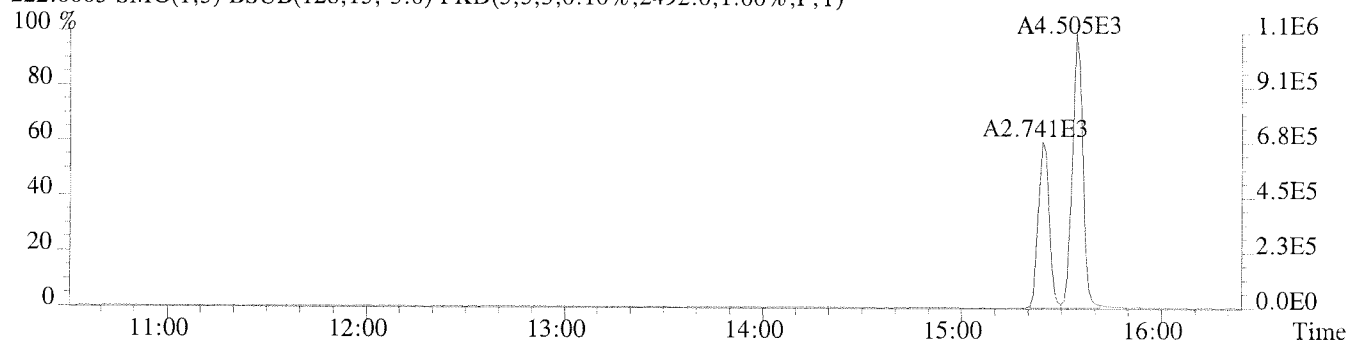
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



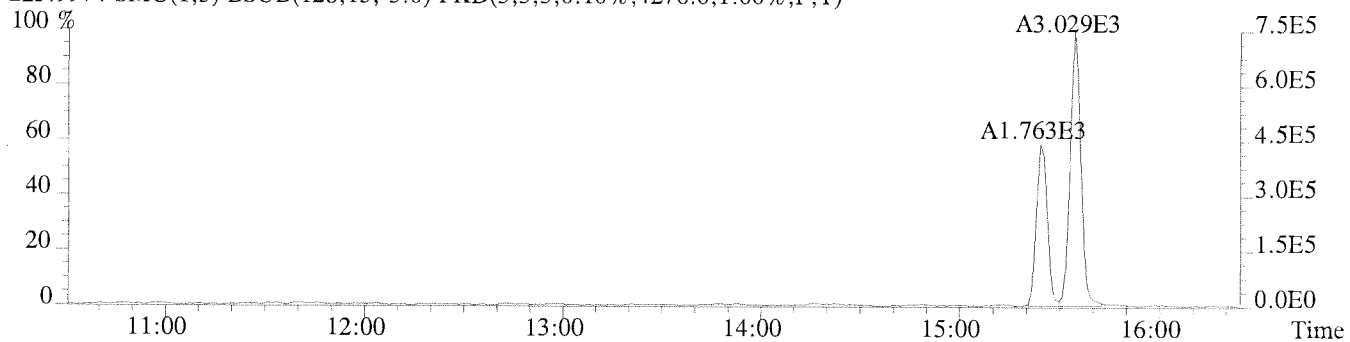
File:U224778 #1-379 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

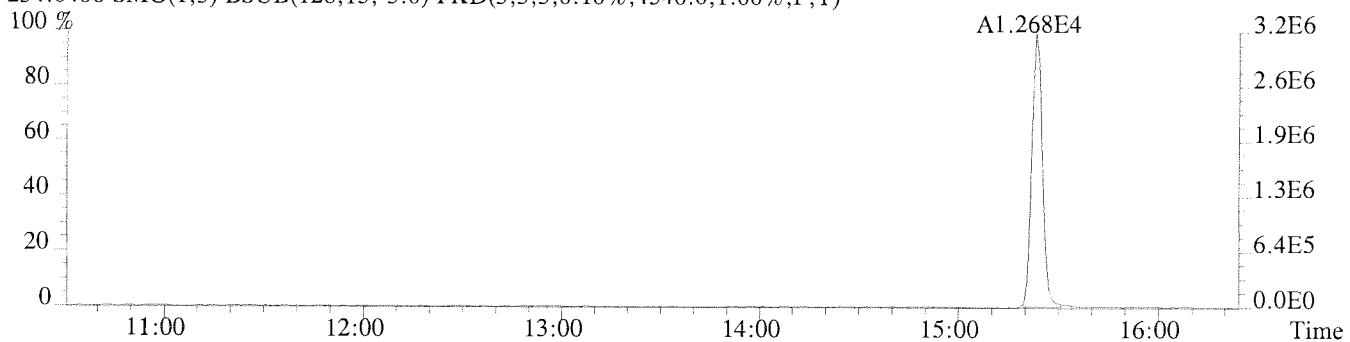
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2492.0,1.00%,F,T)



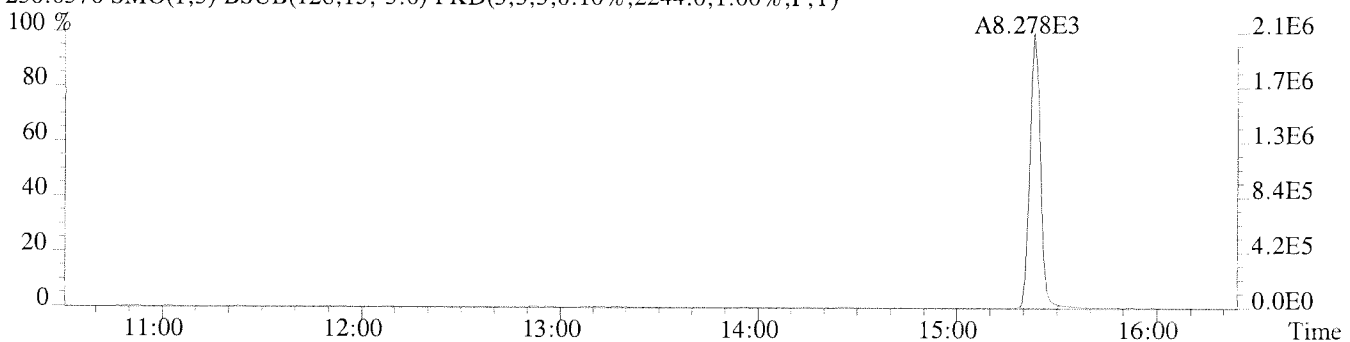
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4276.0,1.00%,F,T)



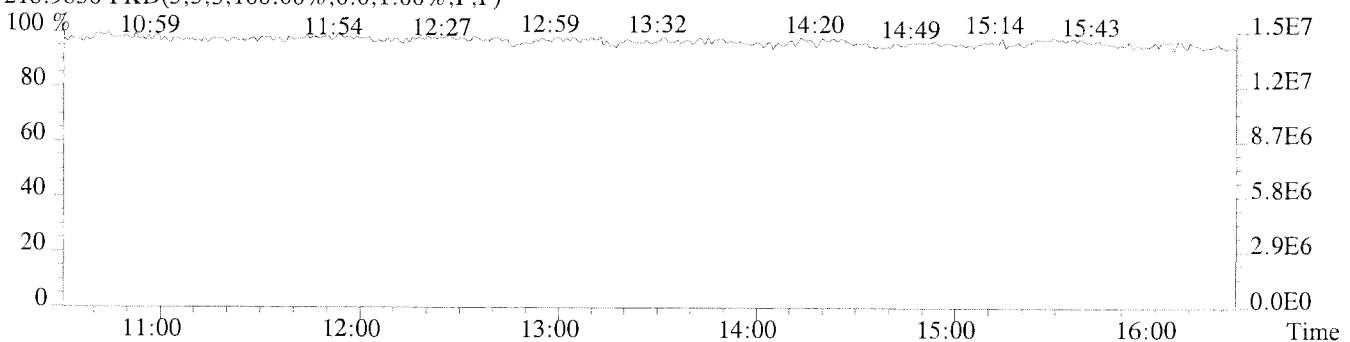
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4540.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2244.0,1.00%,F,T)



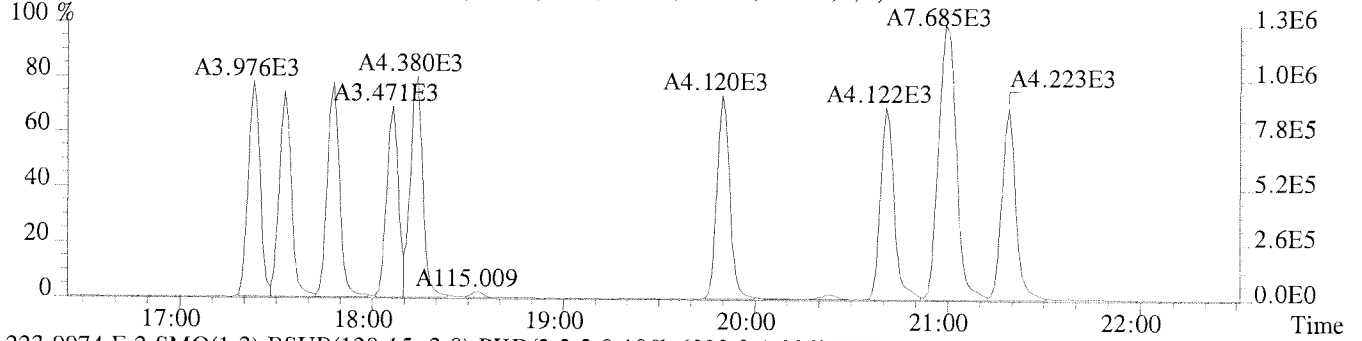
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



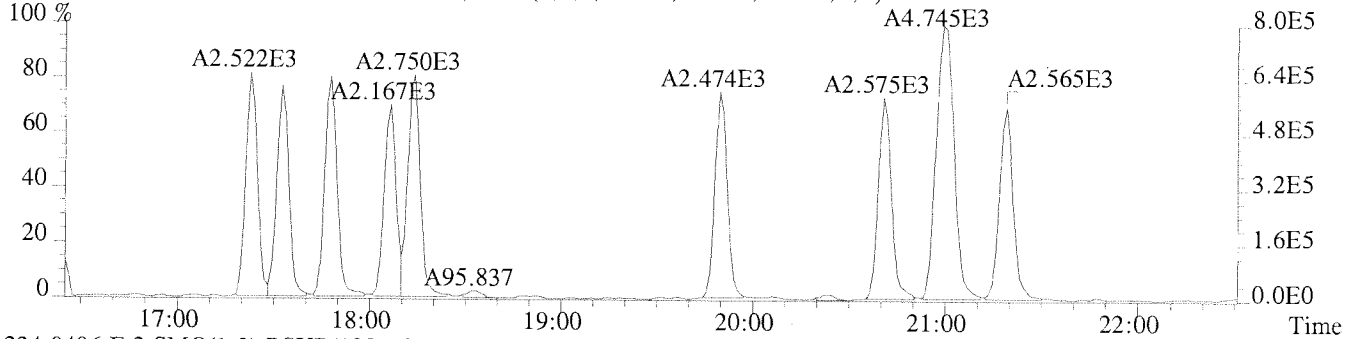
File:U224778 #1-337 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

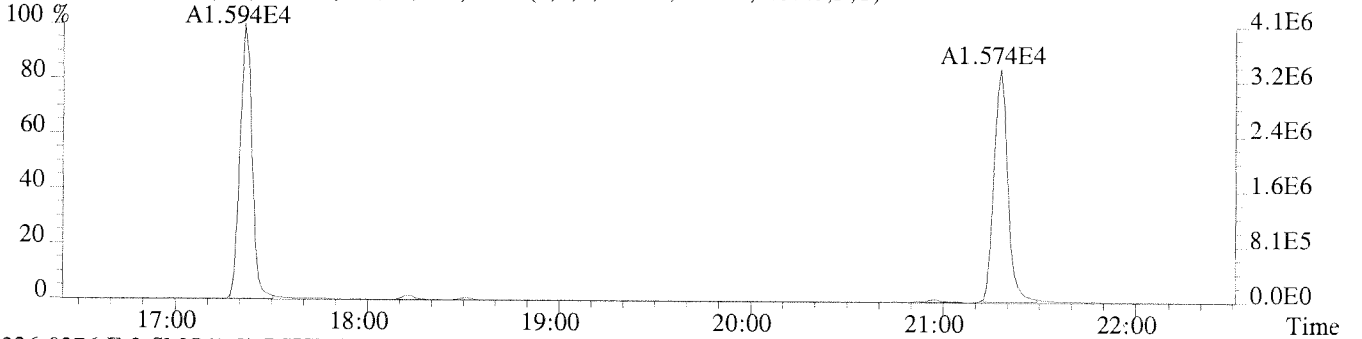
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3048.0,1.00%,F,T)



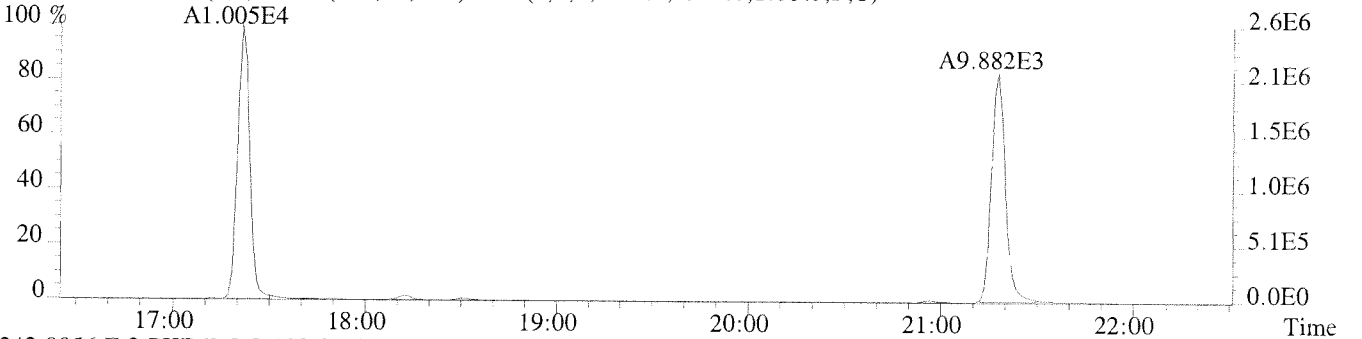
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6020.0,1.00%,F,T)



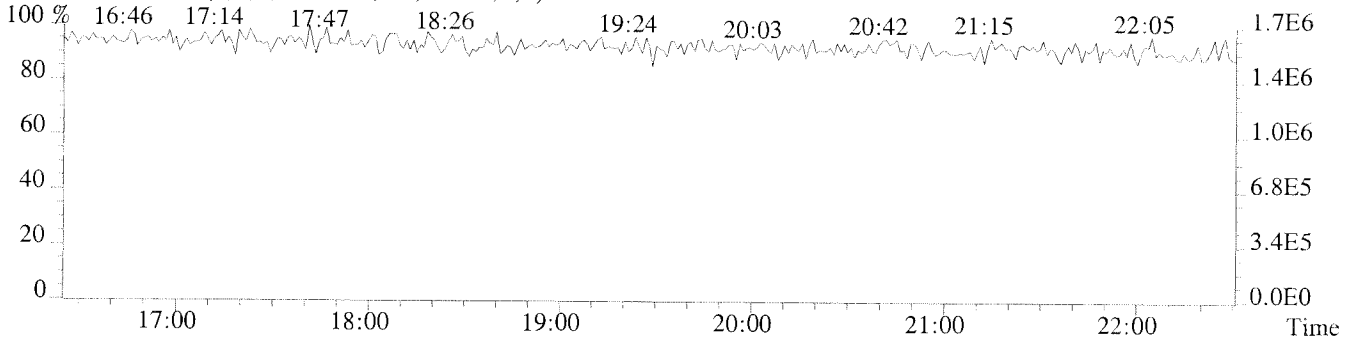
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3072.0,1.00%,F,T)



236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1956.0,1.00%,F,T)



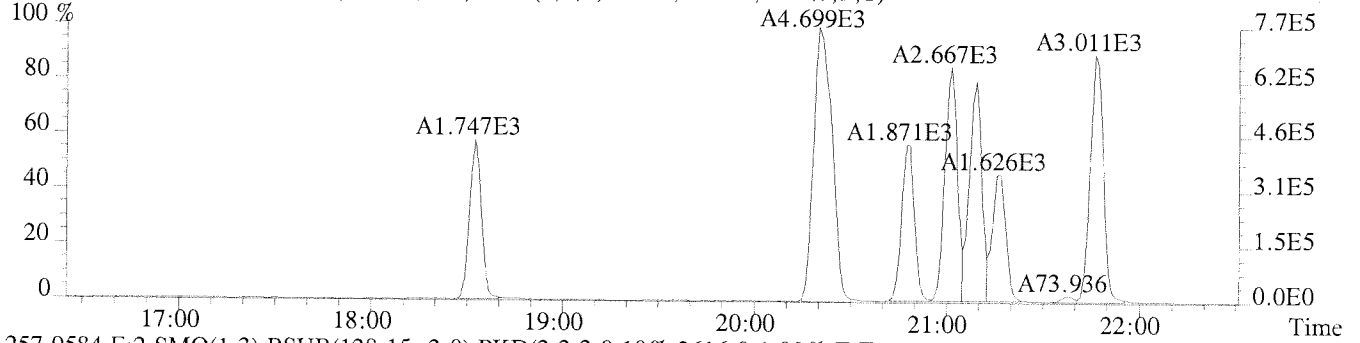
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



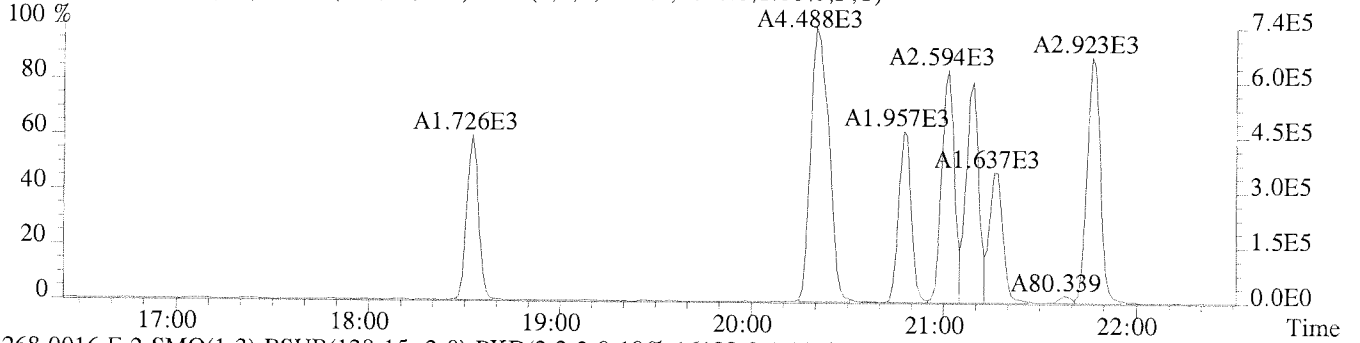
File:U224778 #1-337 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

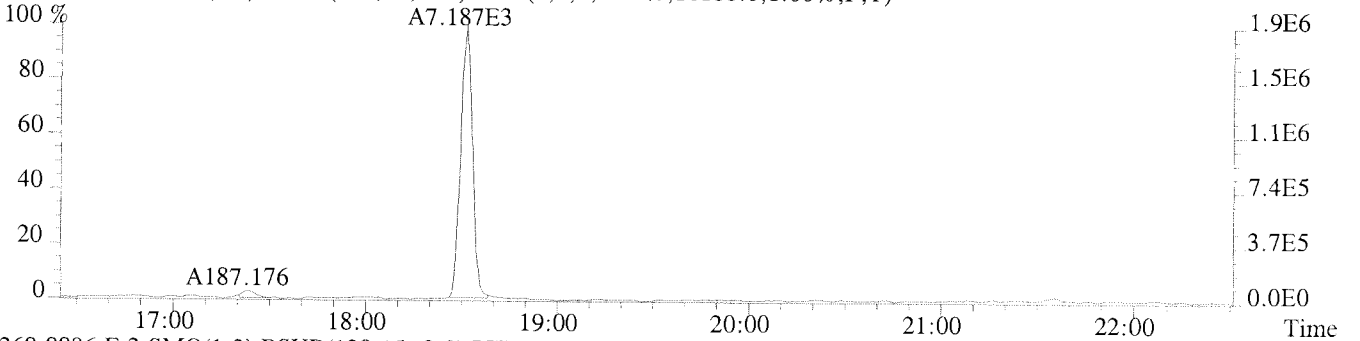
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1468.0,1.00%,F,T)



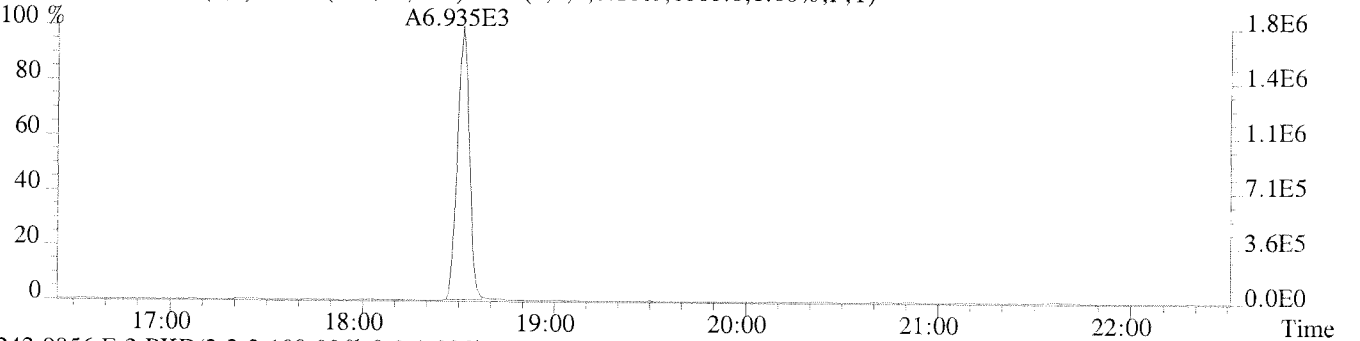
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2616.0,1.00%,F,T)



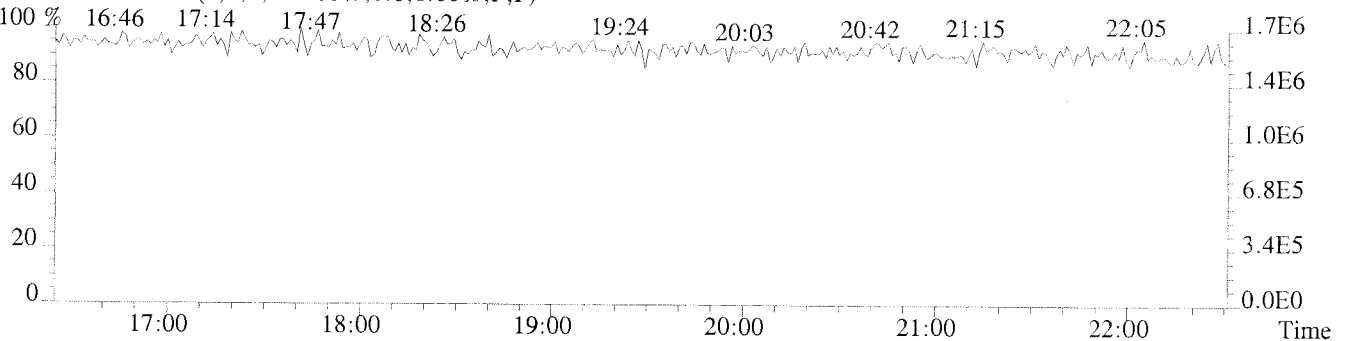
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16188.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6060.0,1.00%,F,T)

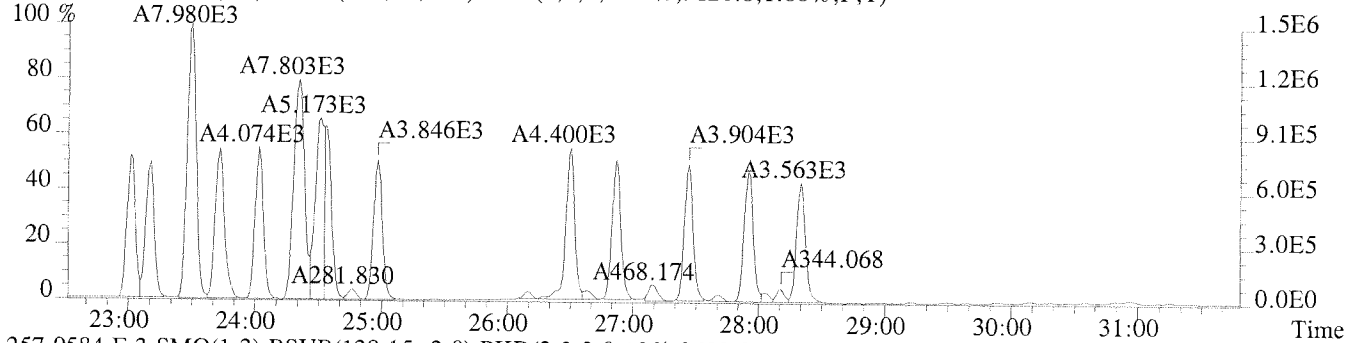


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

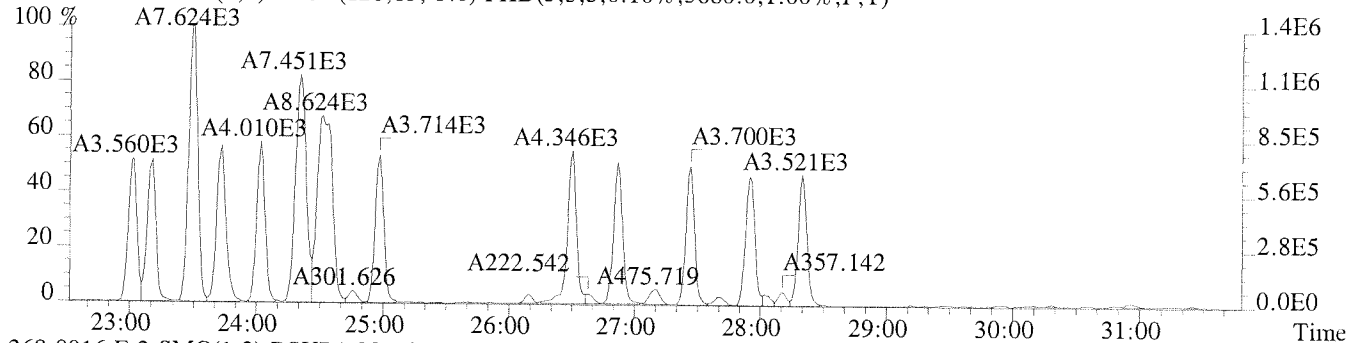


File:U224778 #1-594 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

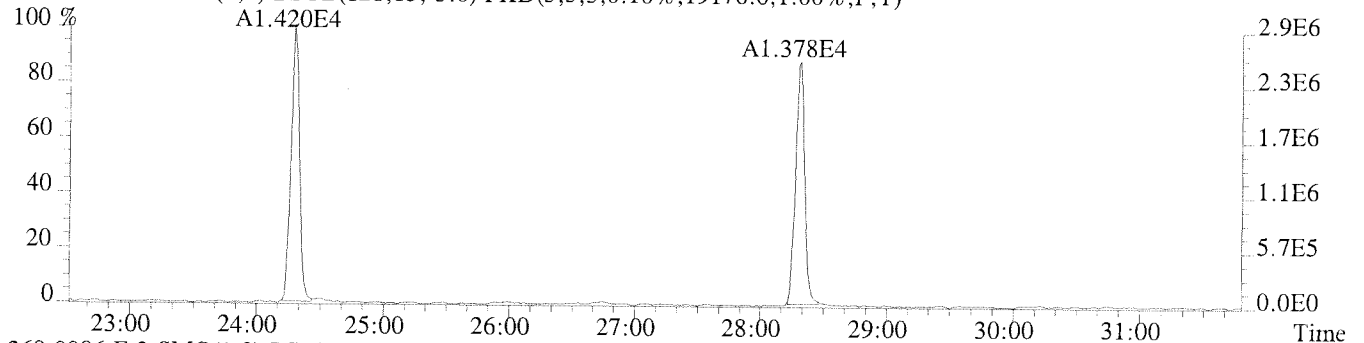
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9120.0,1.00%,F,T)



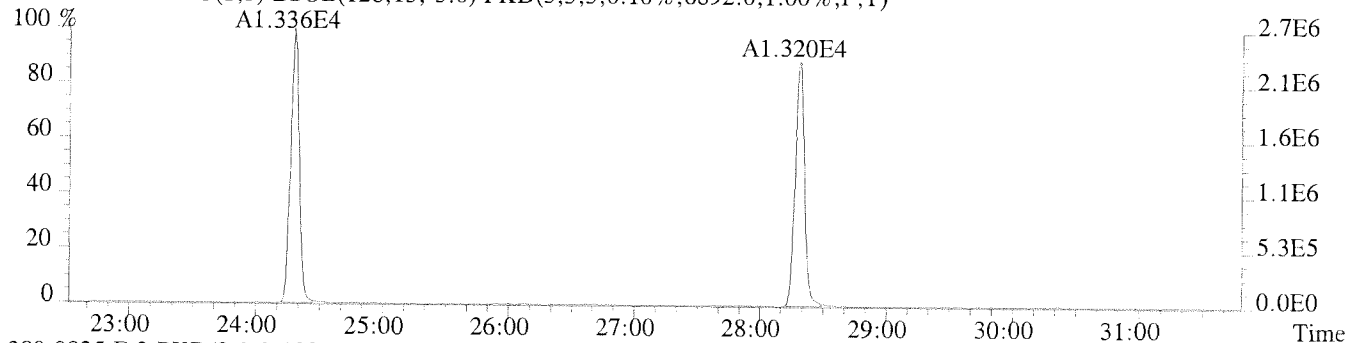
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3680.0,1.00%,F,T)



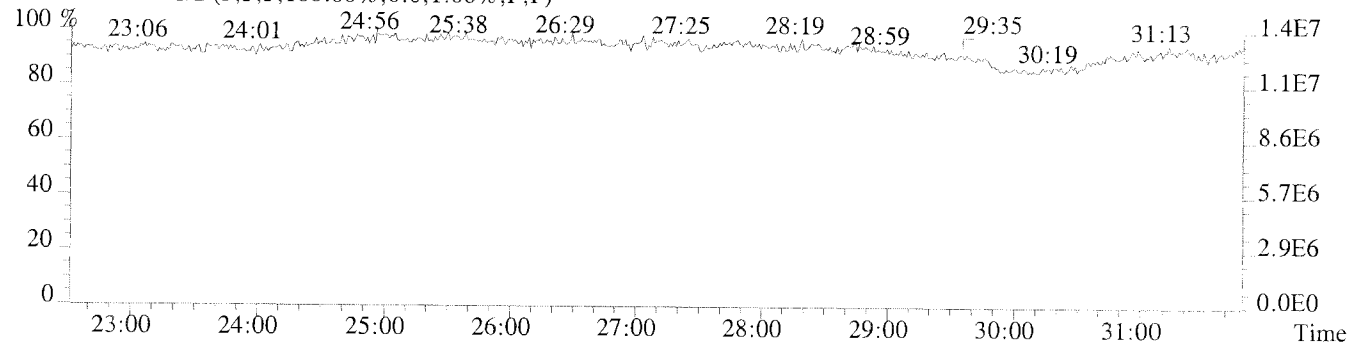
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,19176.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6892.0,1.00%,F,T)



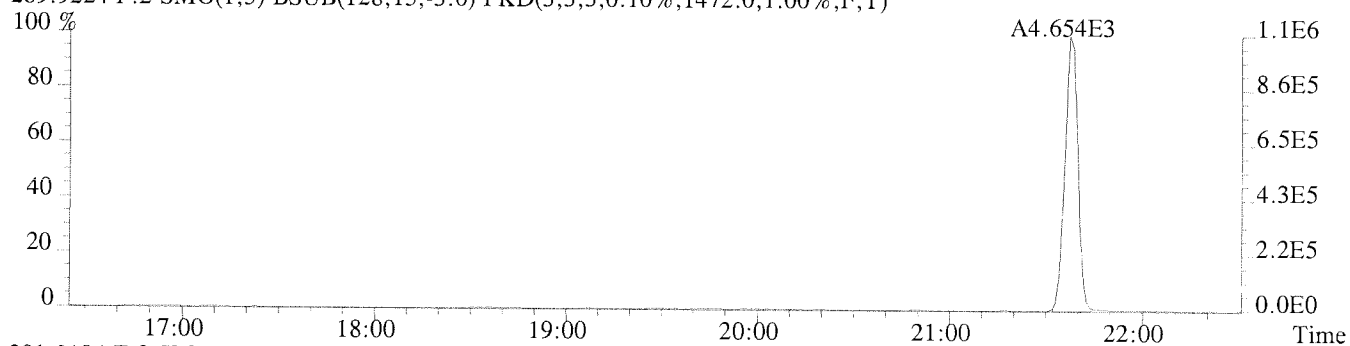
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



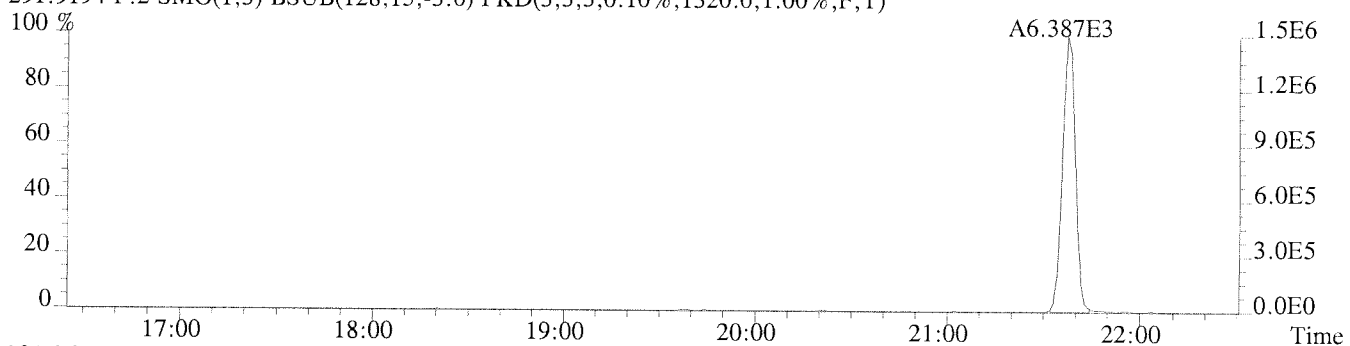
File:U224778 #1-337 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

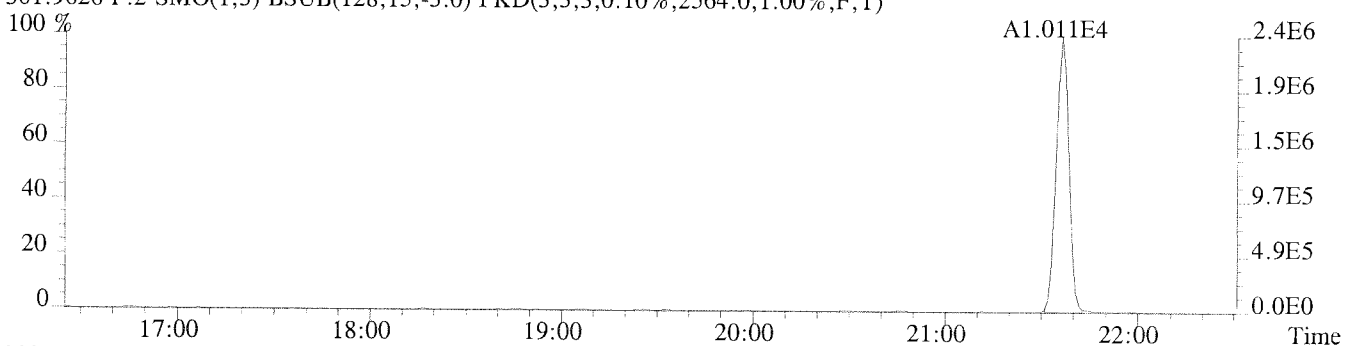
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1472.0,1.00%,F,T)



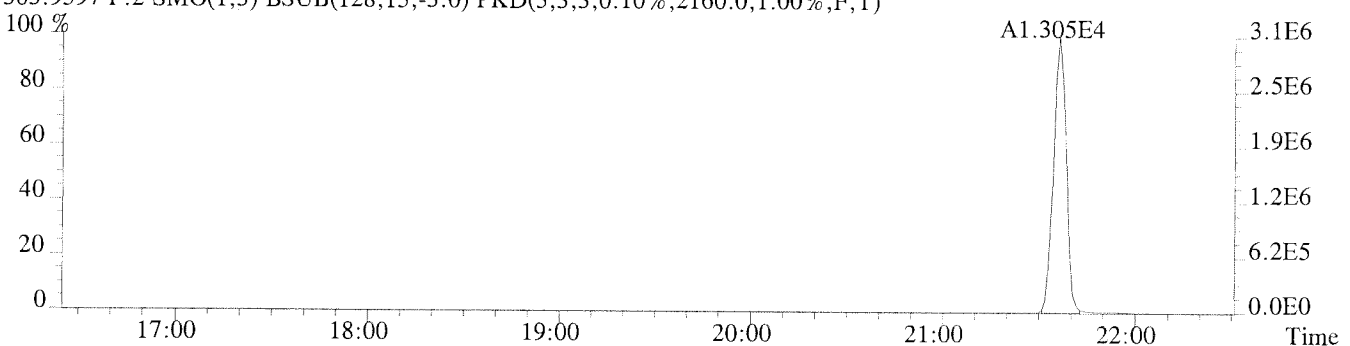
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1320.0,1.00%,F,T)



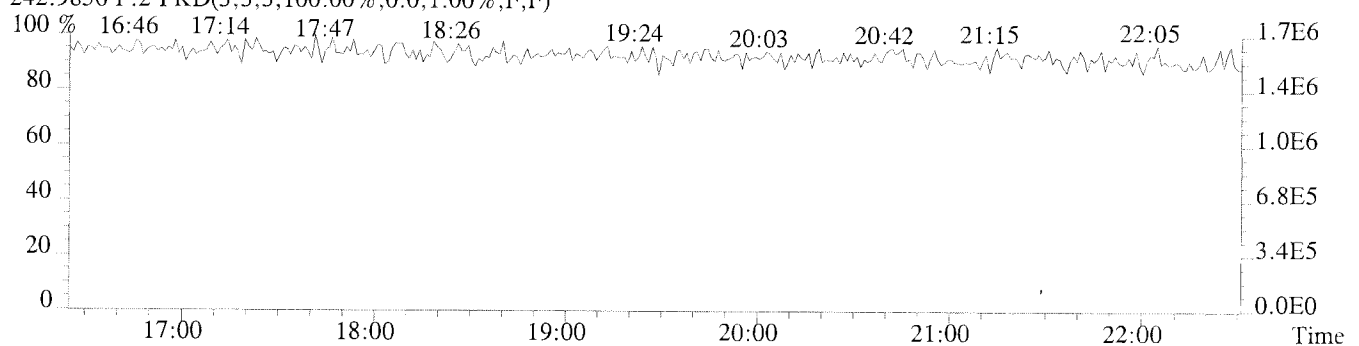
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2564.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2160.0,1.00%,F,T)

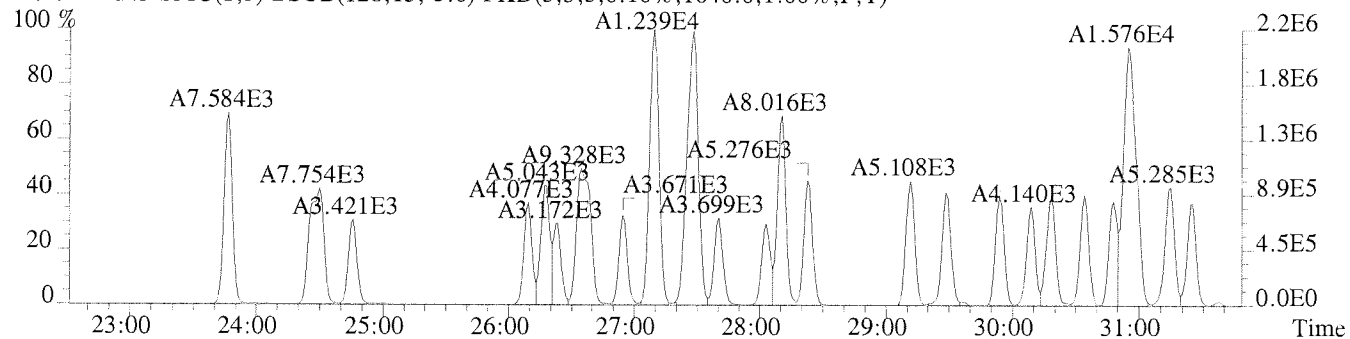


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

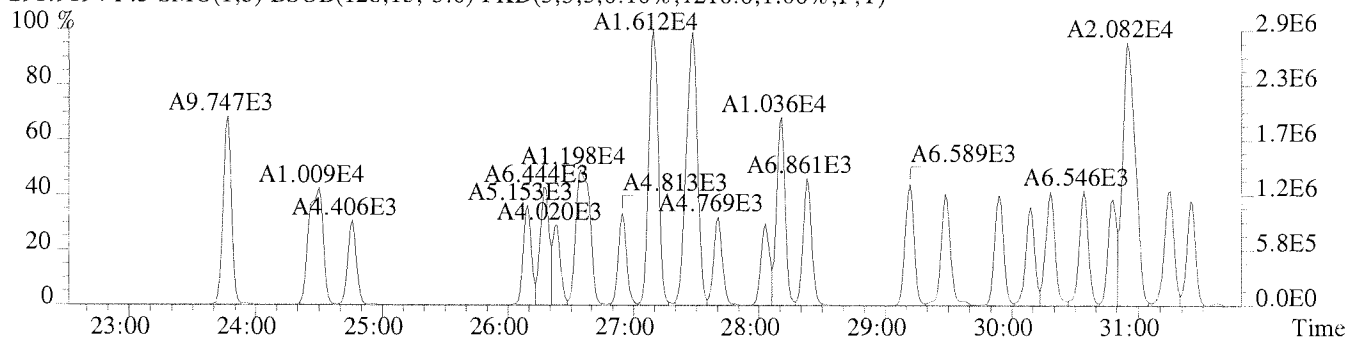


File:U224778 #1-594 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

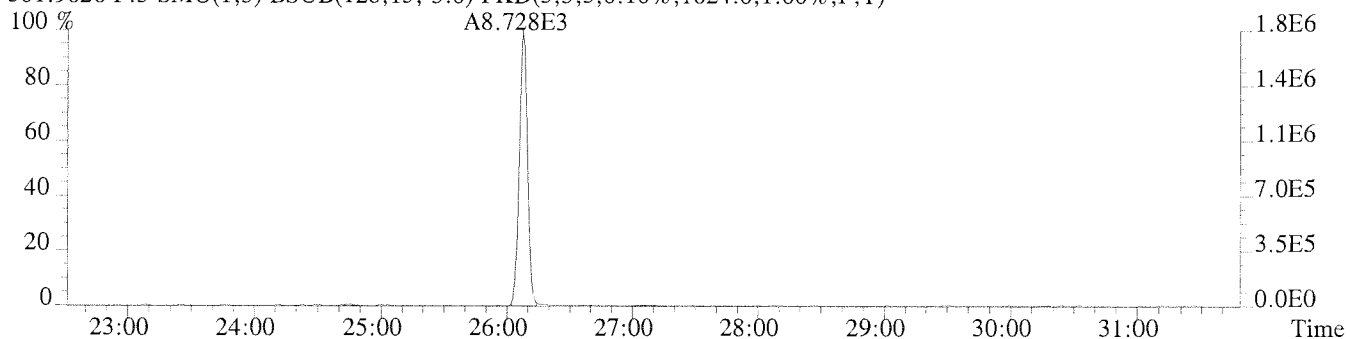
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1640.0,1.00%,F,T)



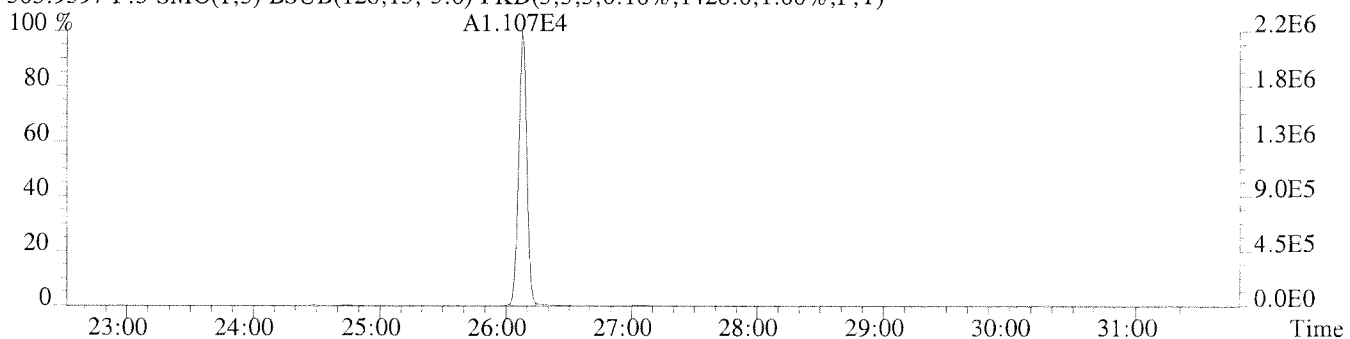
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1216.0,1.00%,F,T)



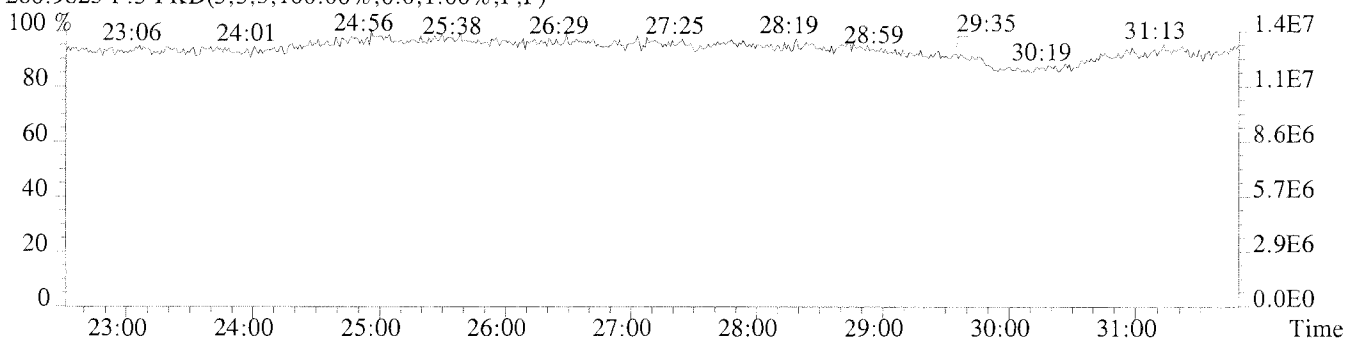
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1624.0,1.00%,F,T)



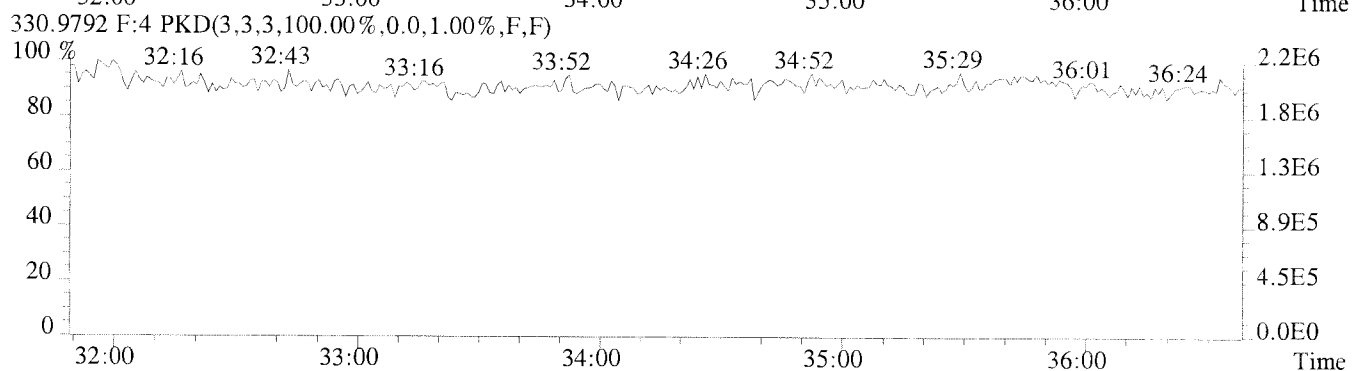
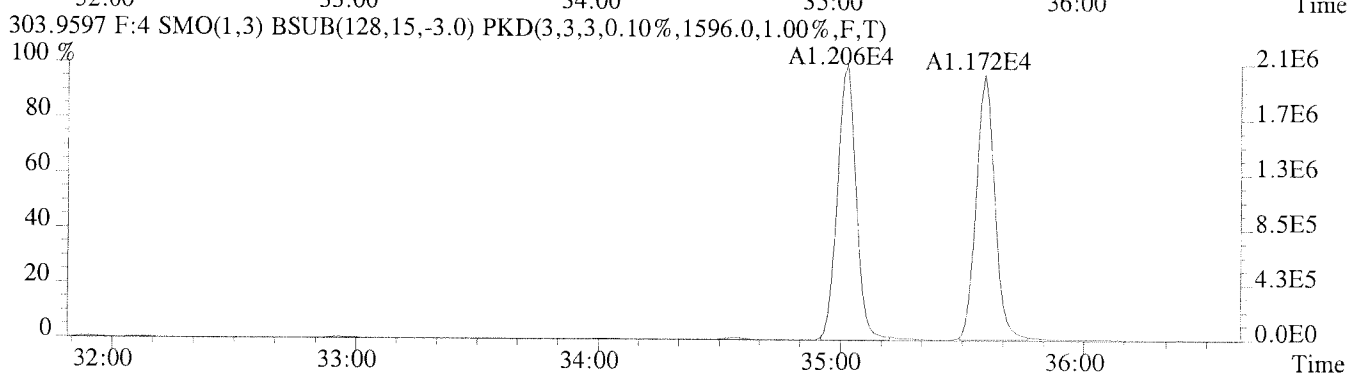
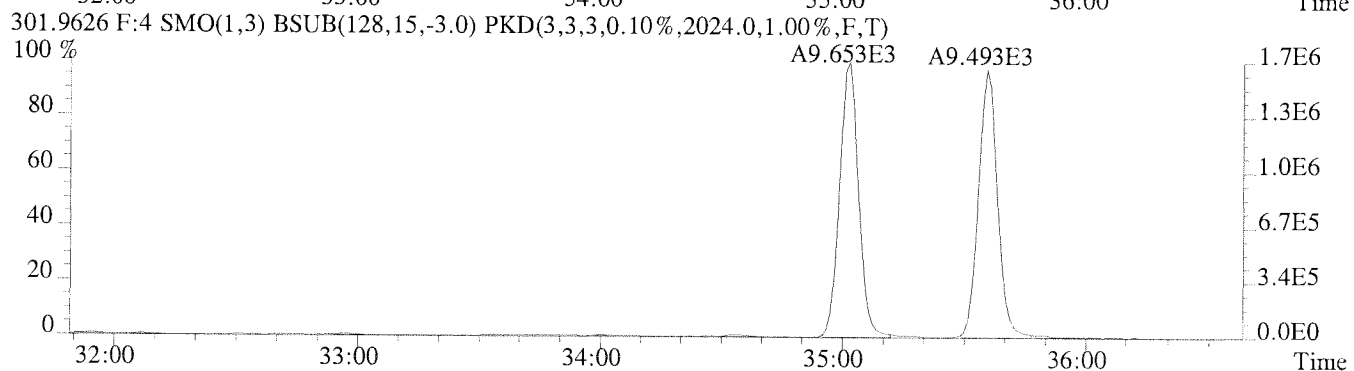
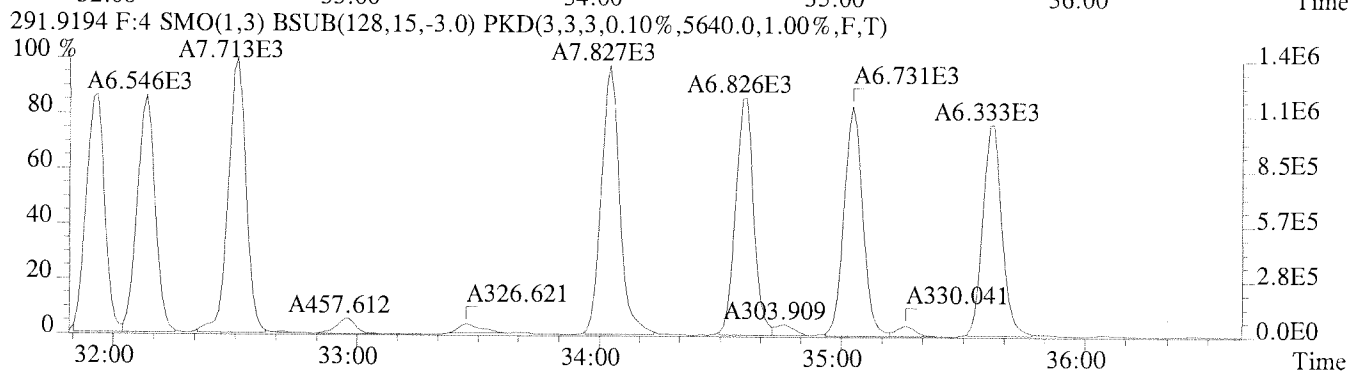
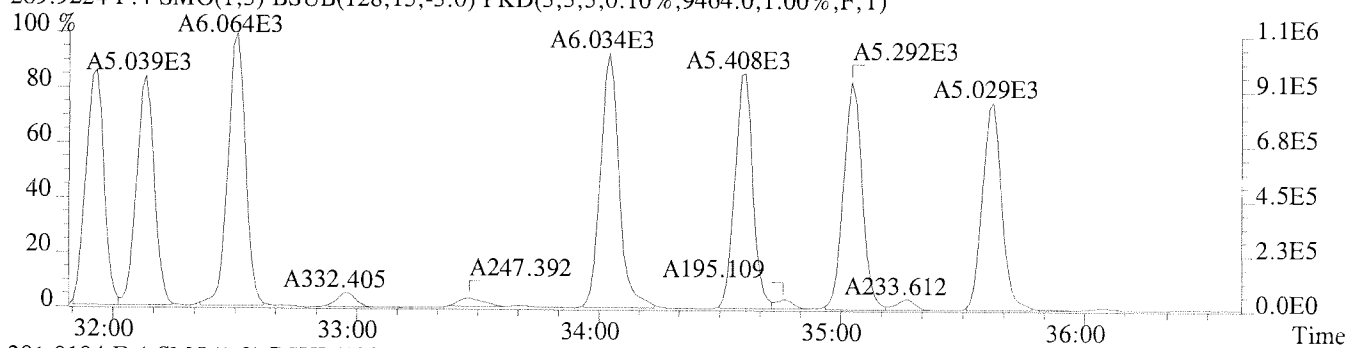
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1428.0,1.00%,F,T)



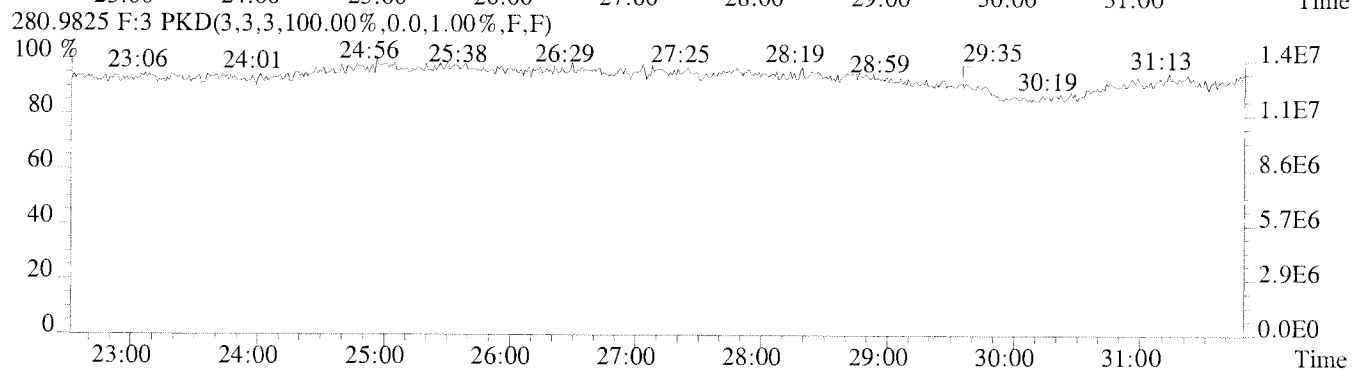
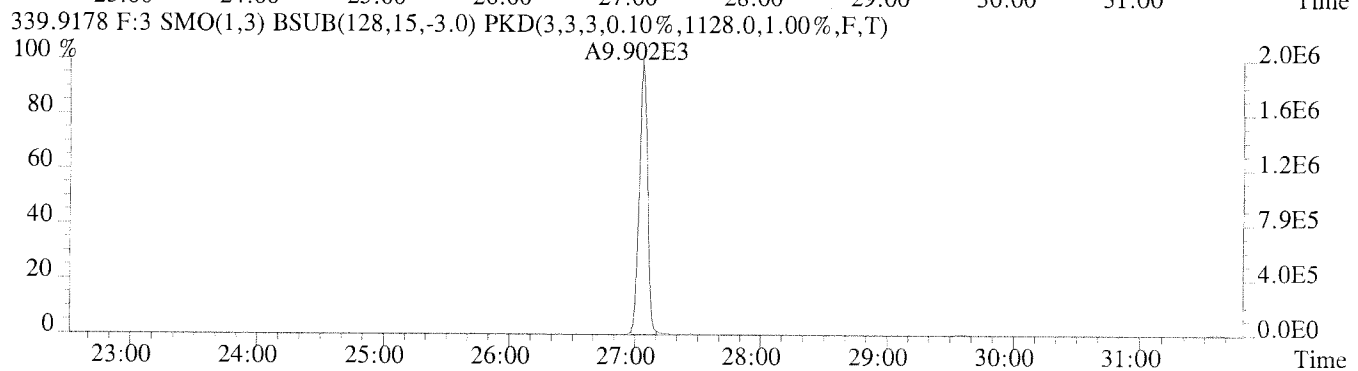
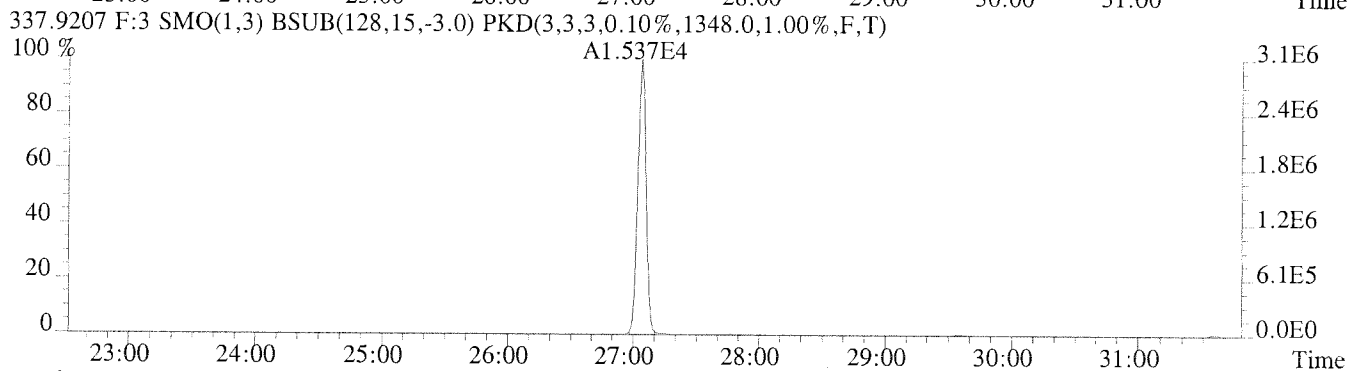
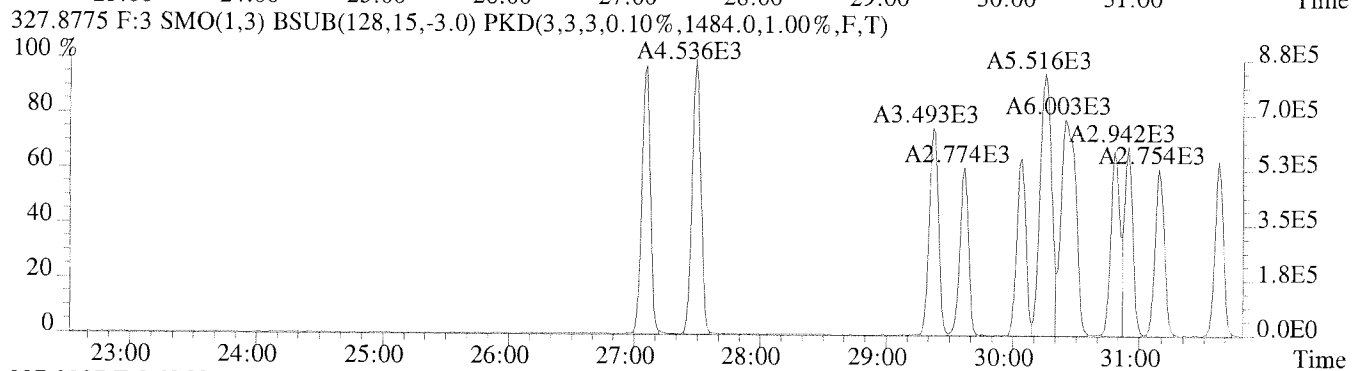
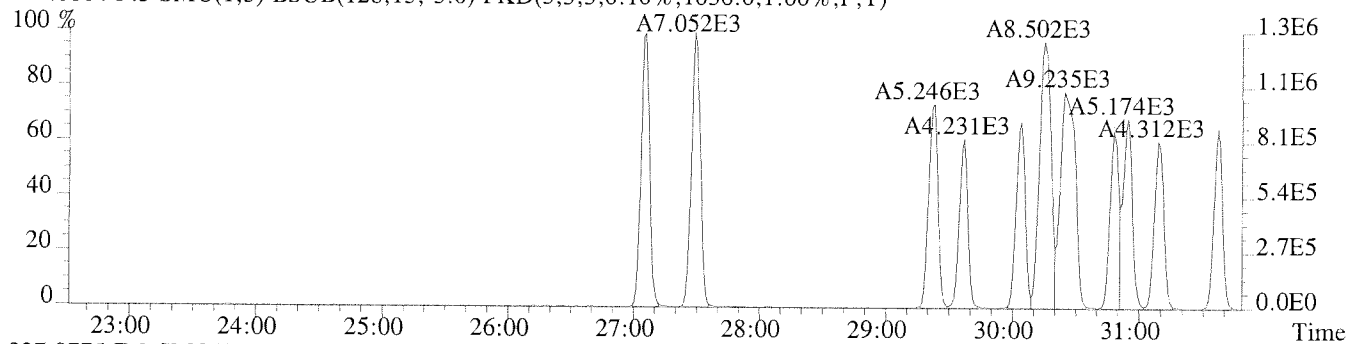
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U224778 #1-309 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9464.0,1.00%,F,T)

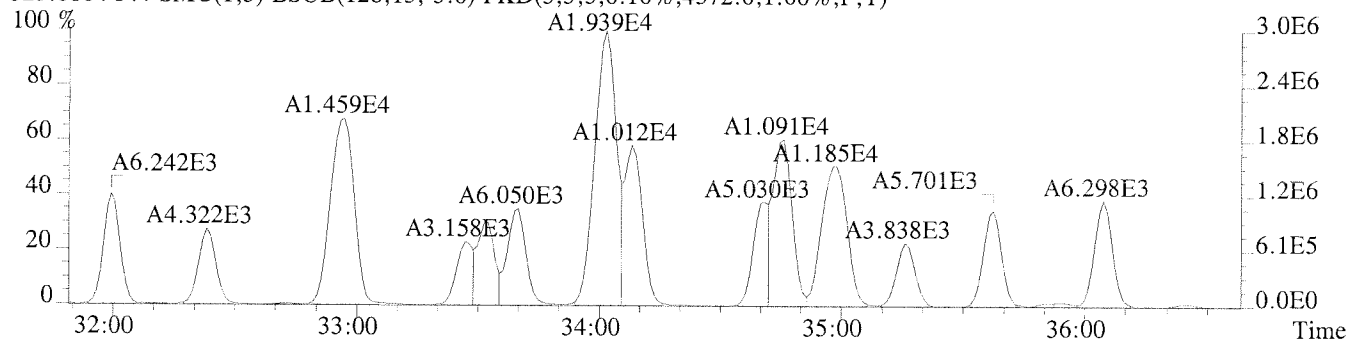


File:U224778 #1-594 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

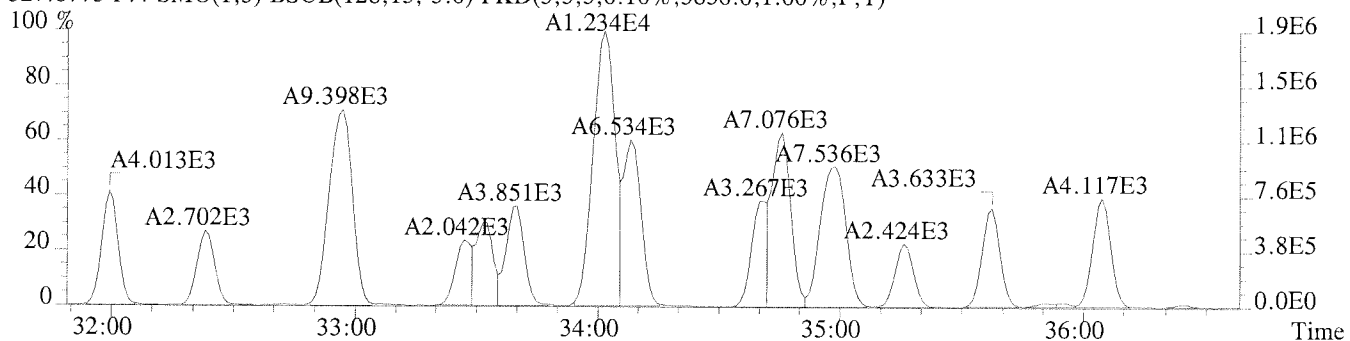


File:U224778 #1-309 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

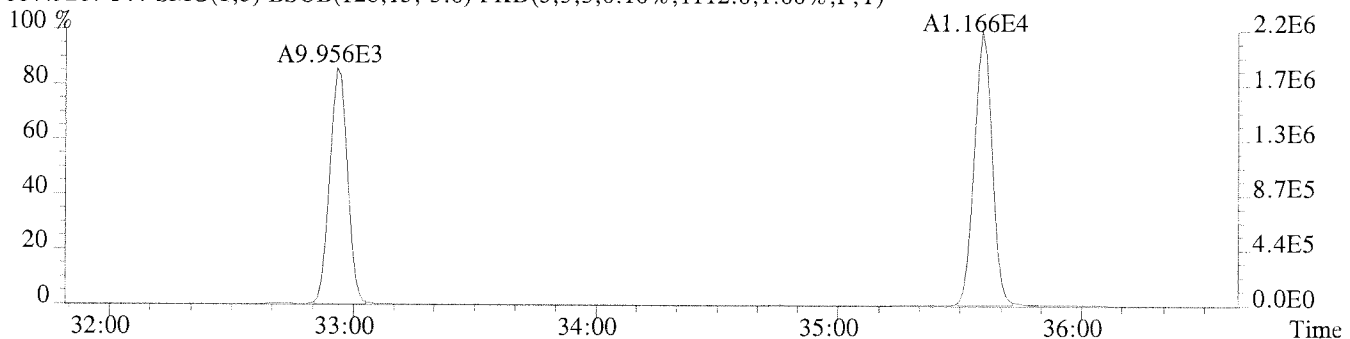
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4572.0,1.00%,F,T)



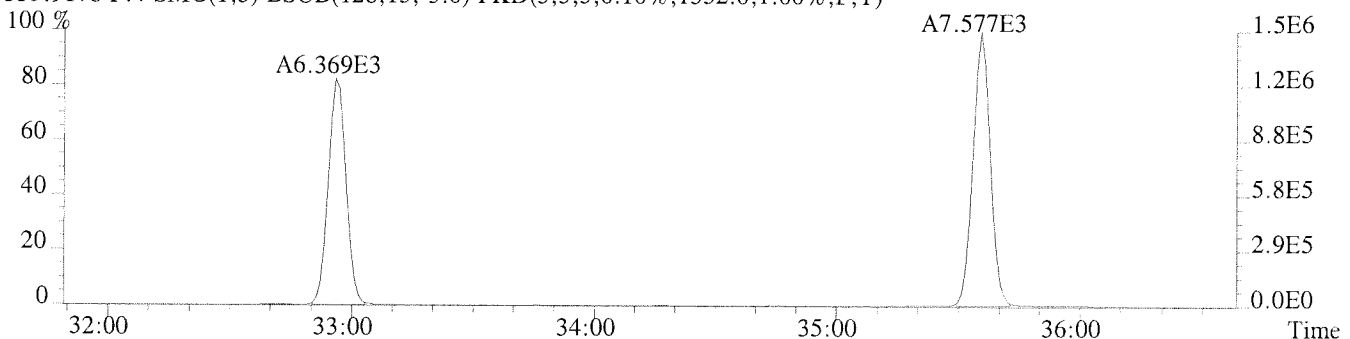
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3836.0,1.00%,F,T)



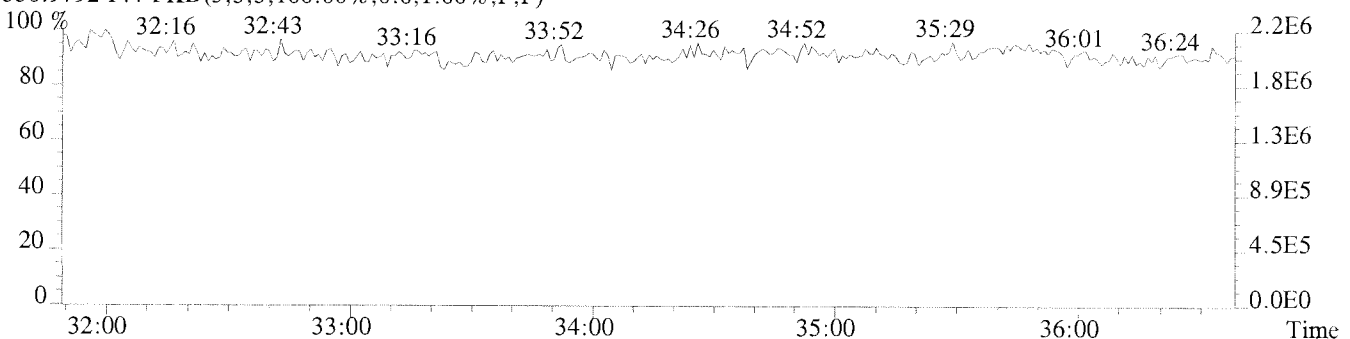
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1112.0,1.00%,F,T)



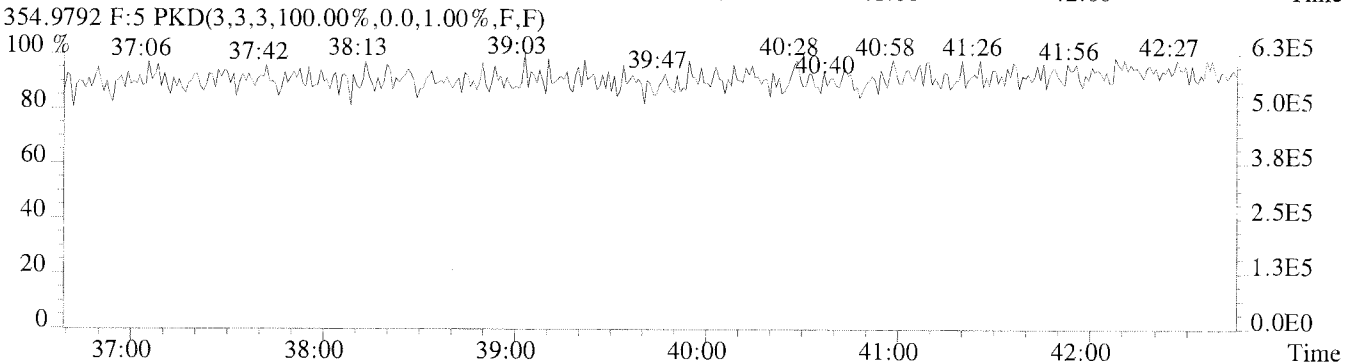
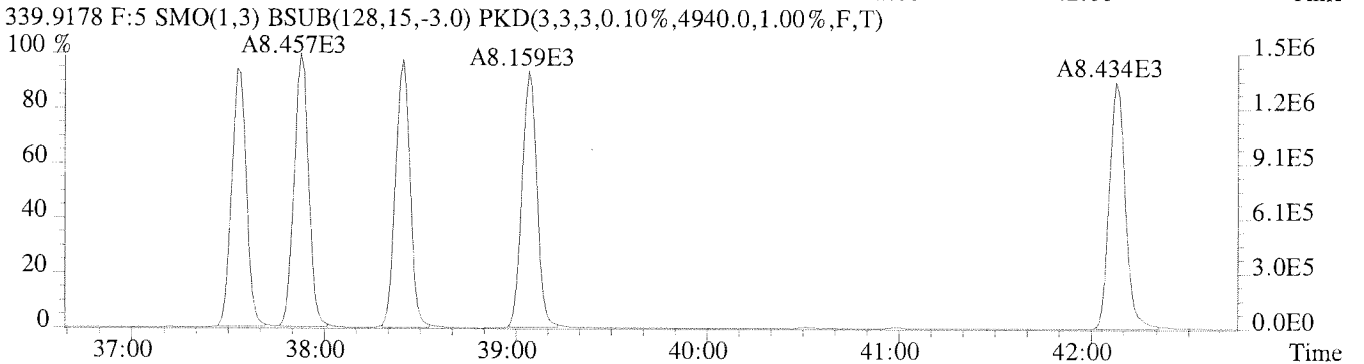
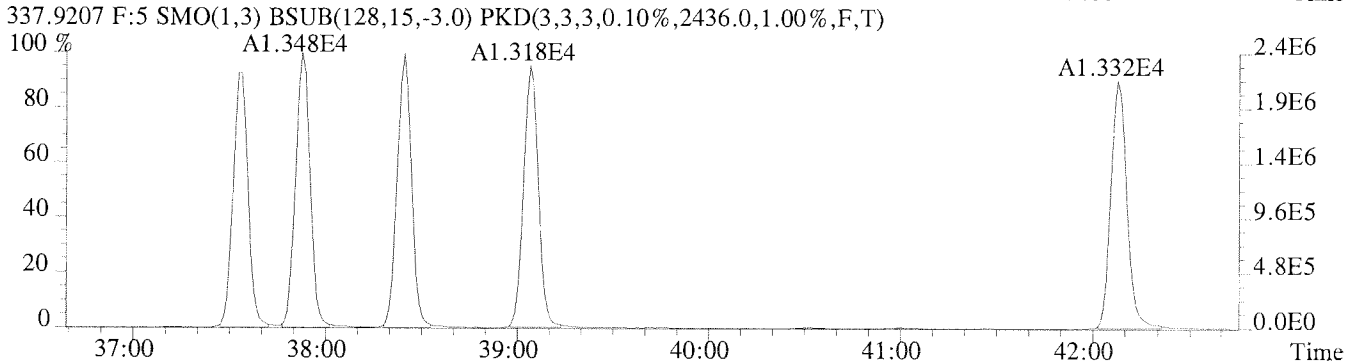
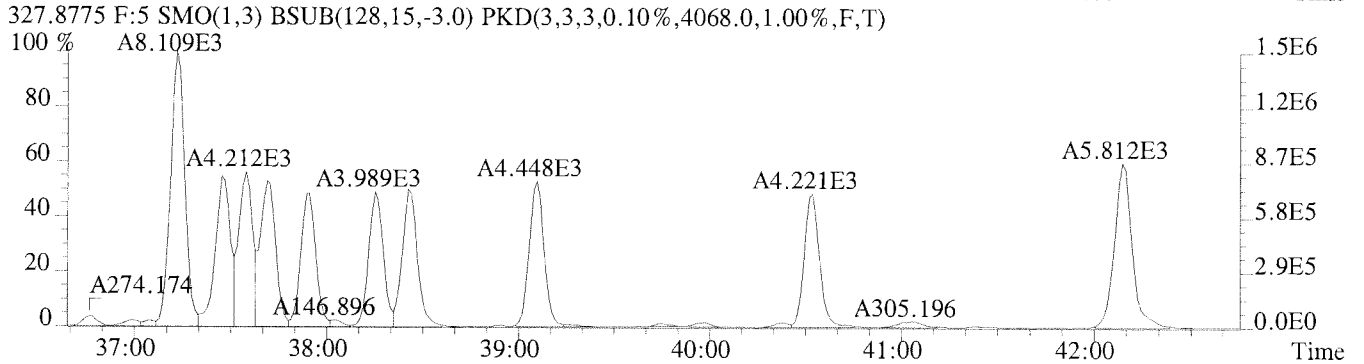
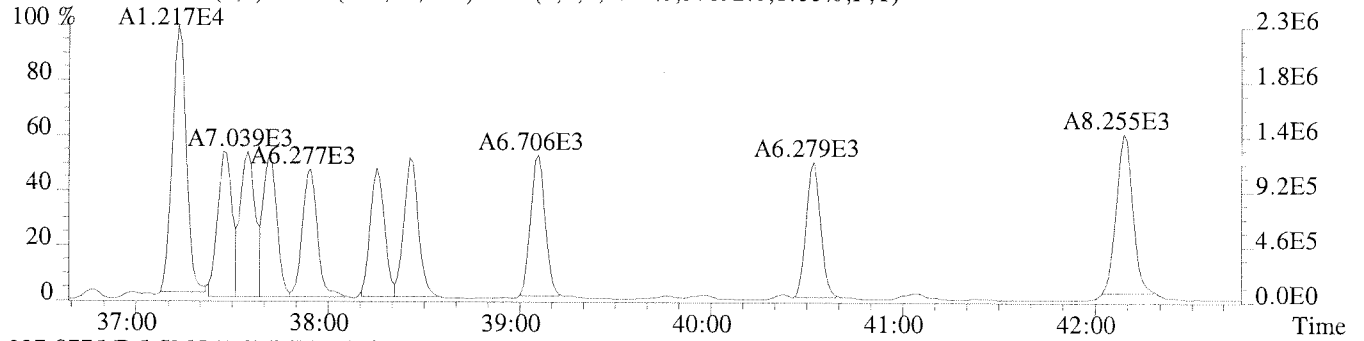
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1352.0,1.00%,F,T)



330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



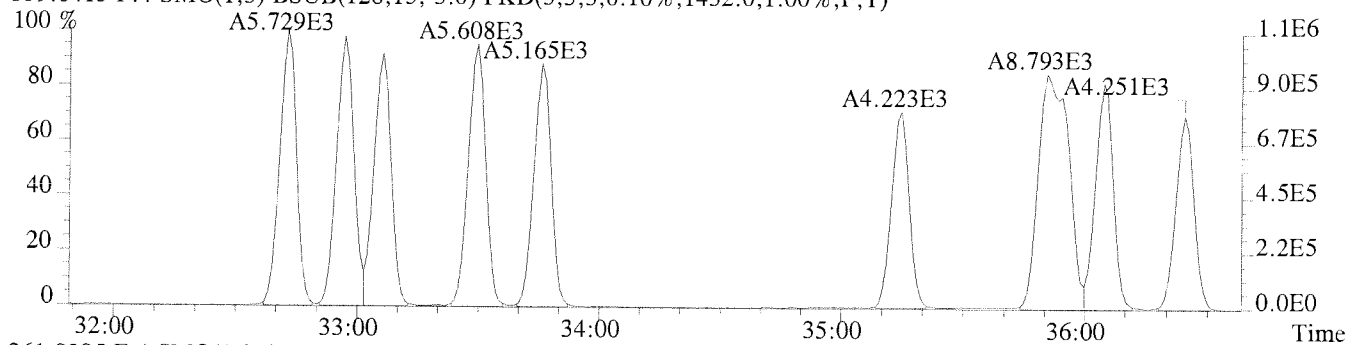
File:U224778 #1-391 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION



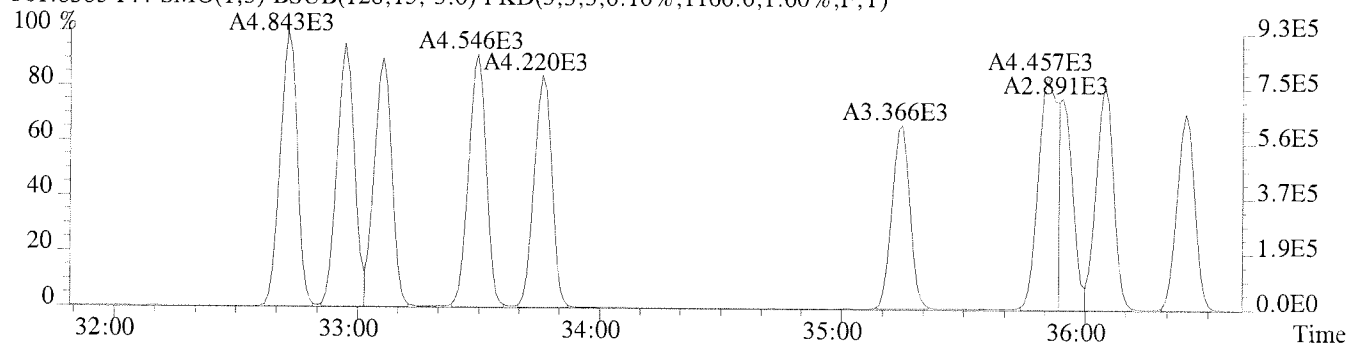
File:U224778 #1-309 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

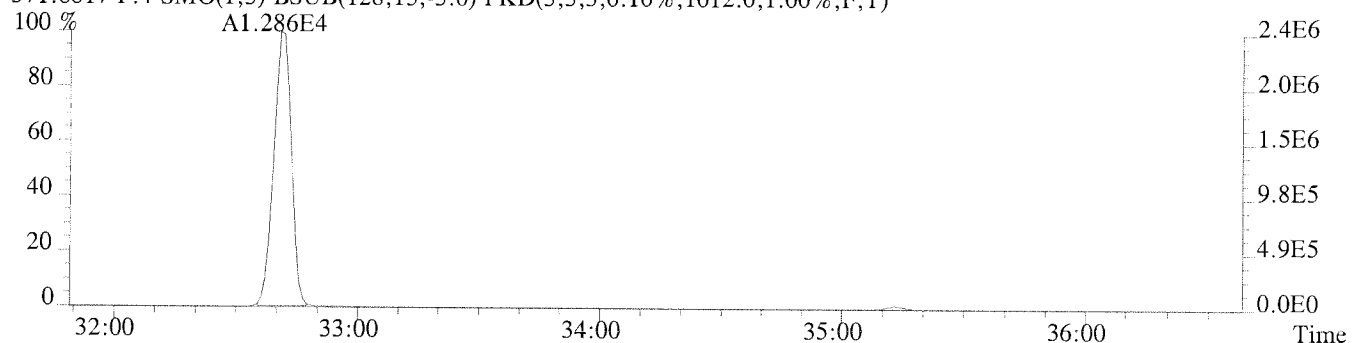
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1432.0,1.00%,F,T)



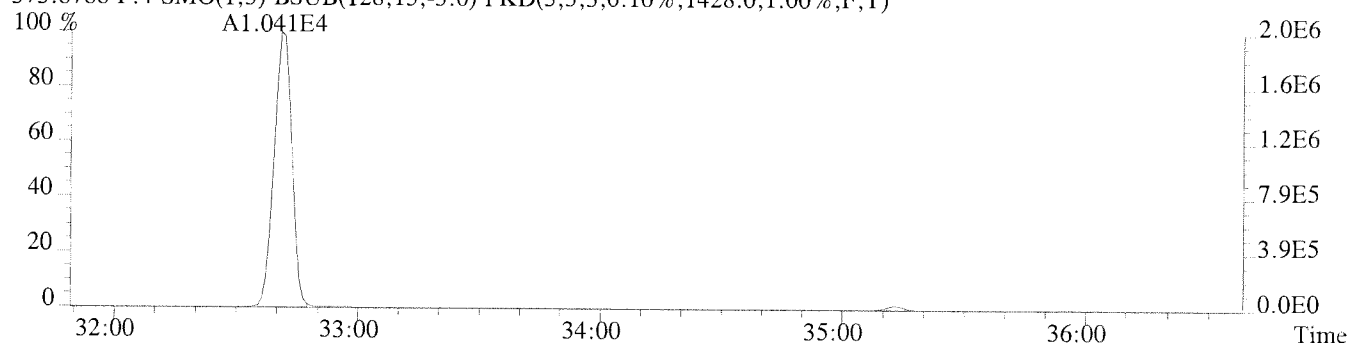
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1160.0,1.00%,F,T)



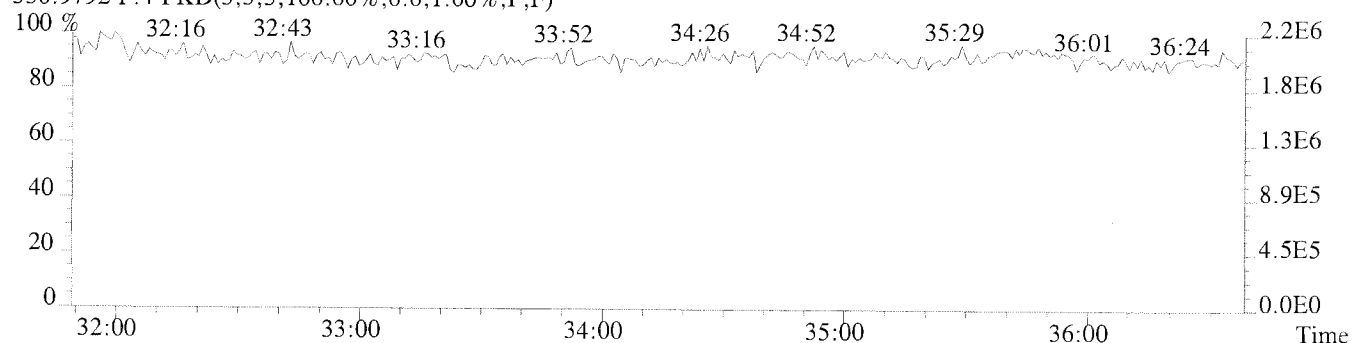
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1012.0,1.00%,F,T)



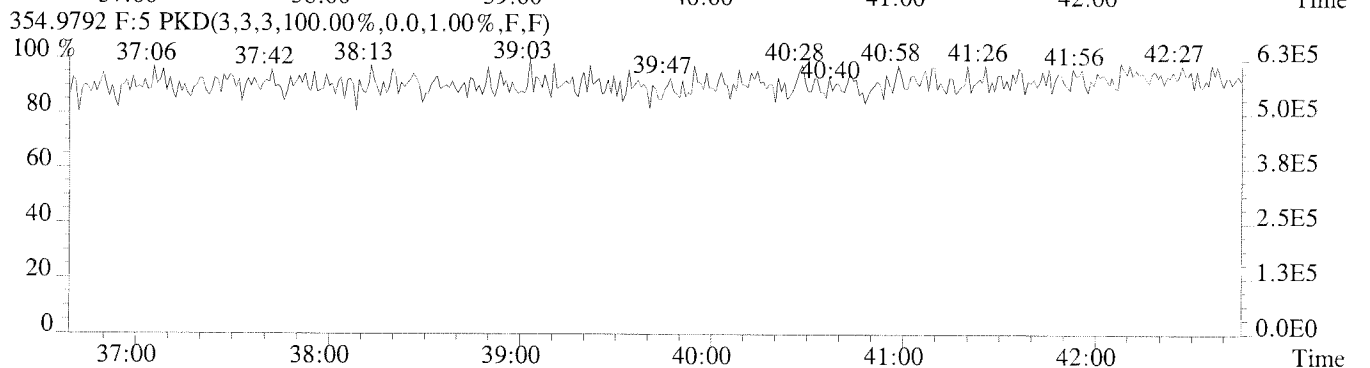
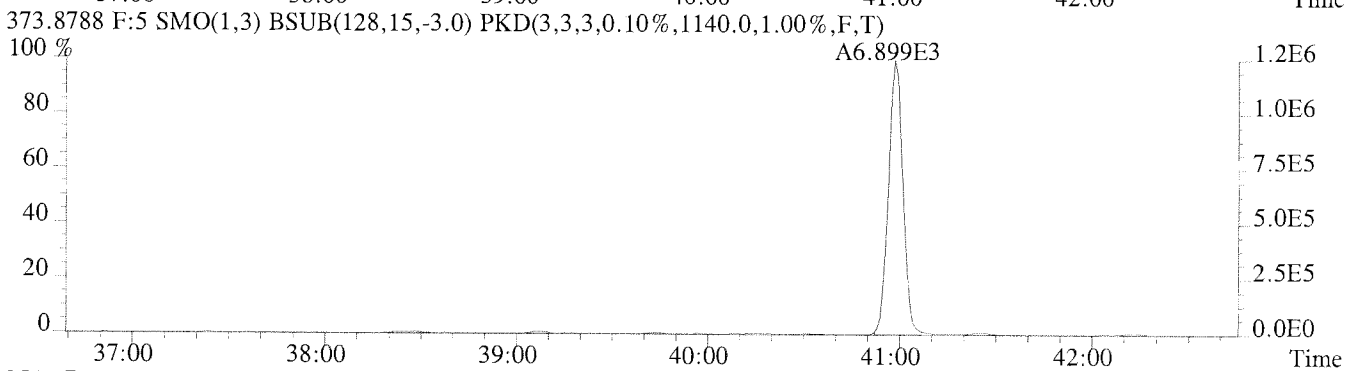
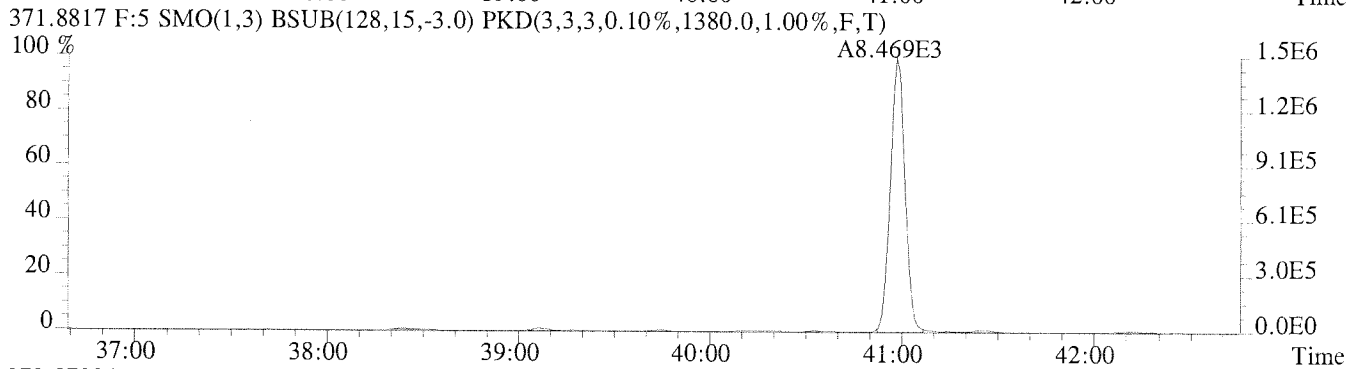
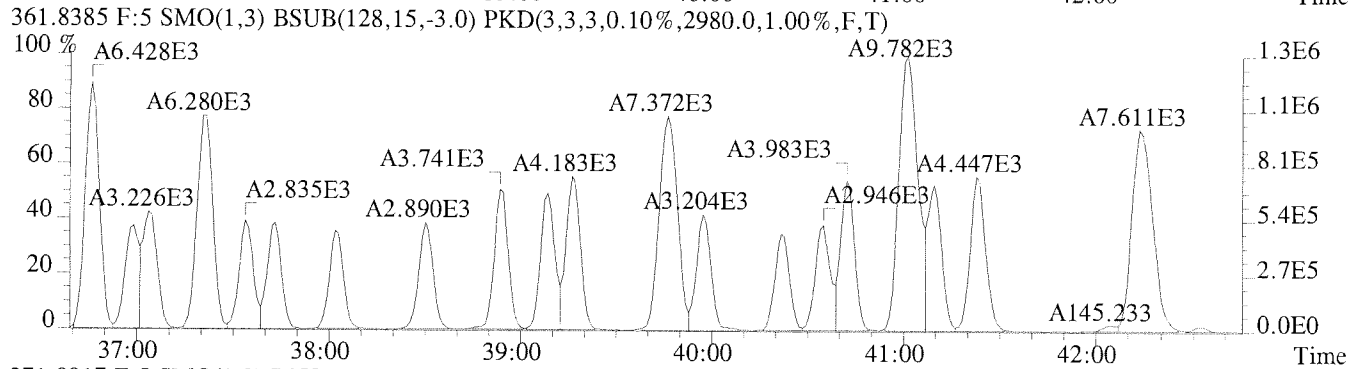
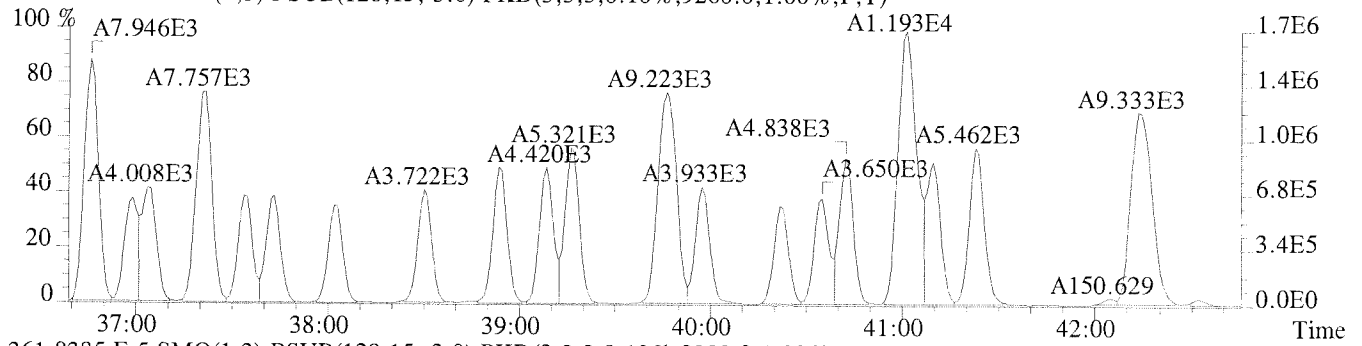
373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1428.0,1.00%,F,T)



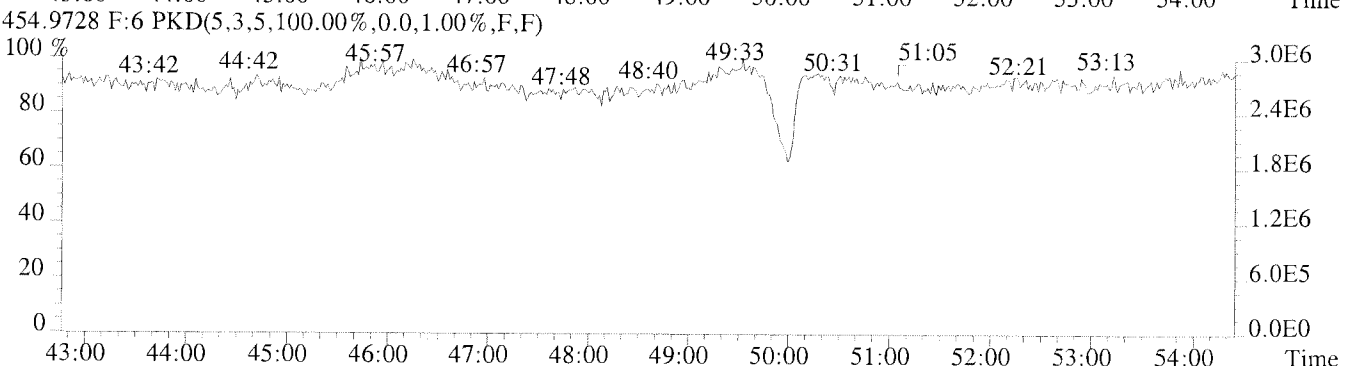
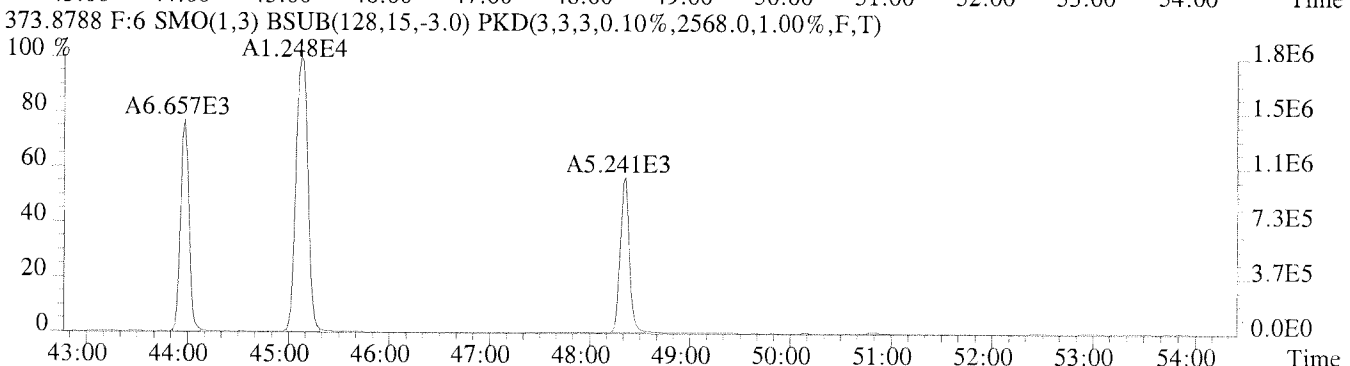
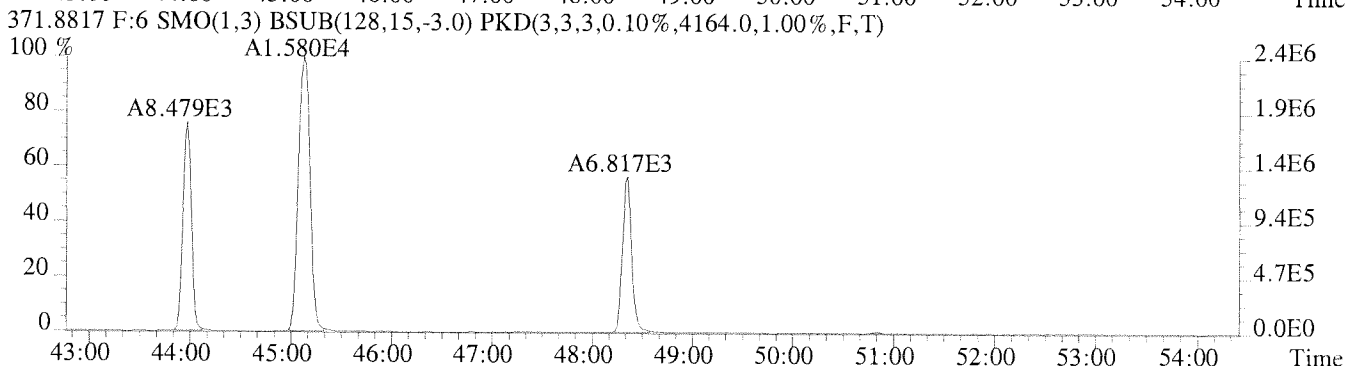
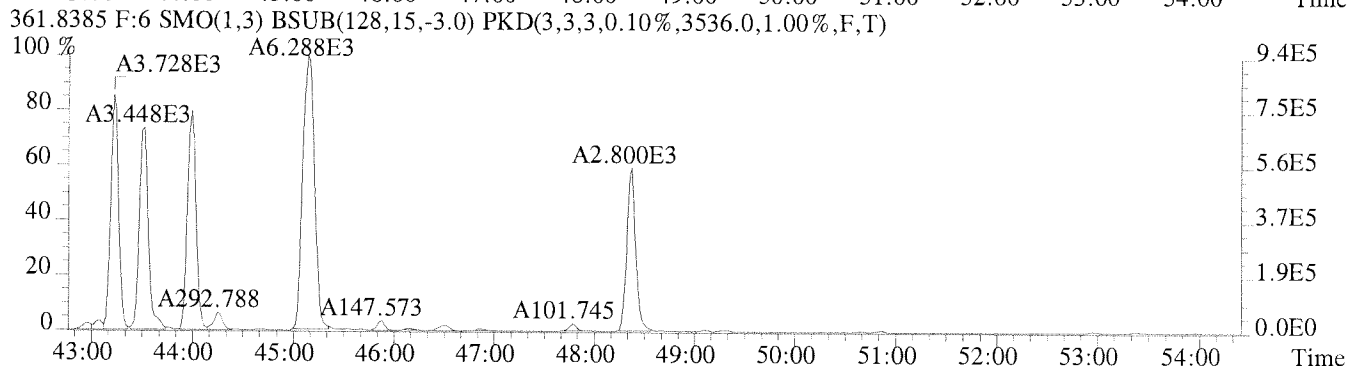
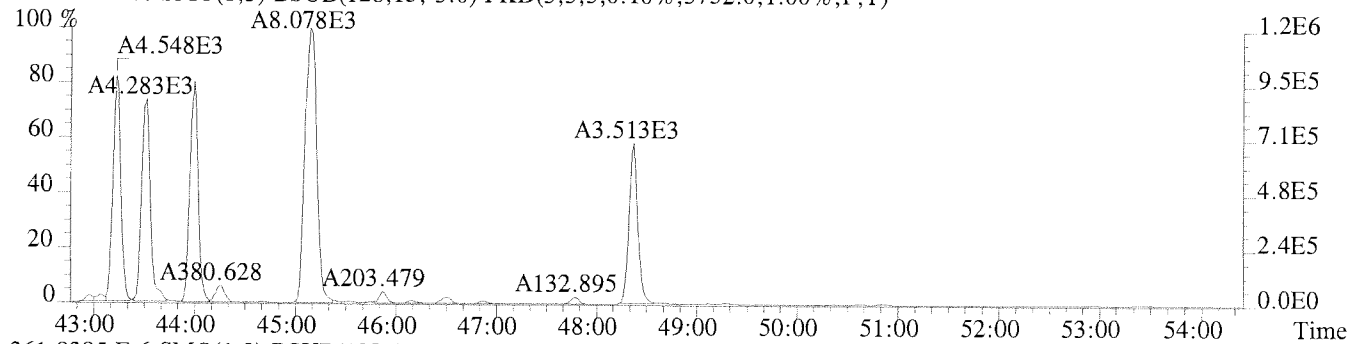
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U224778 #1-391 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9260.0,1.00%,F,T)



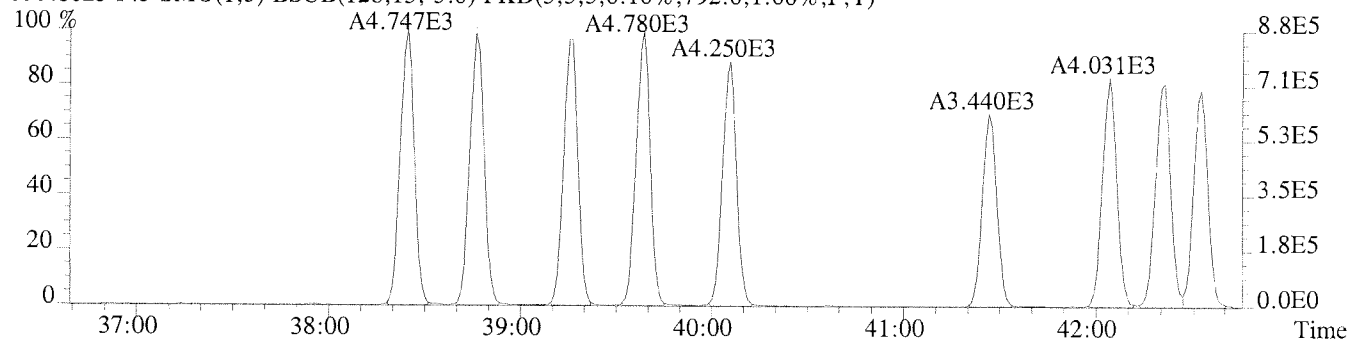
File:U224778 #1-577 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION



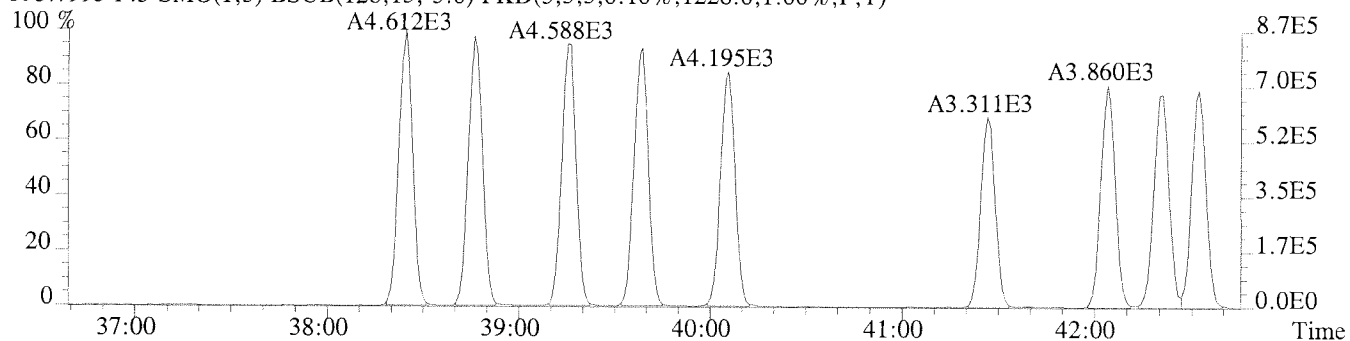
File:U224778 #1-391 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

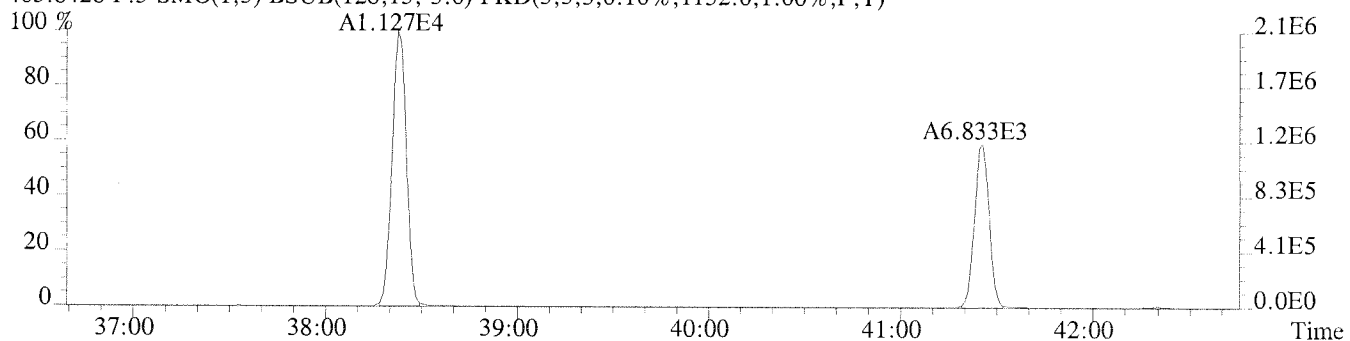
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,792.0,1.00%,F,T)



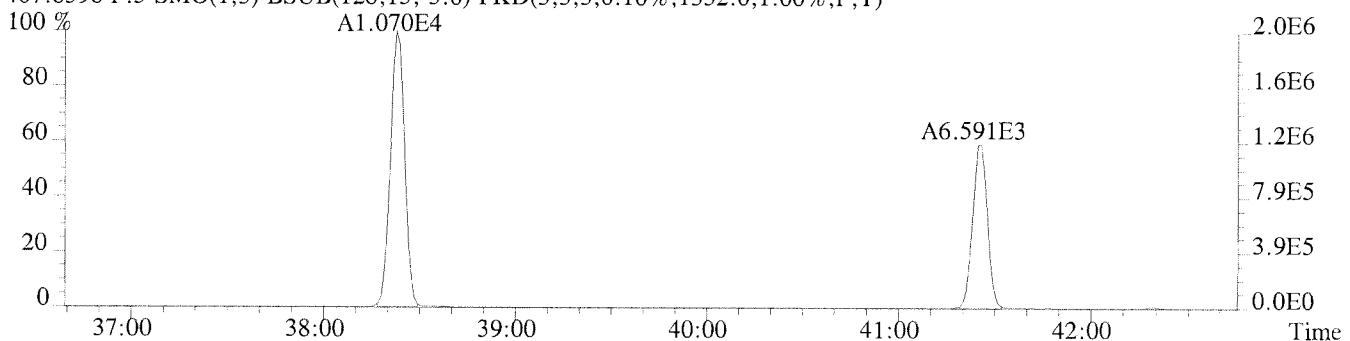
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1228.0,1.00%,F,T)



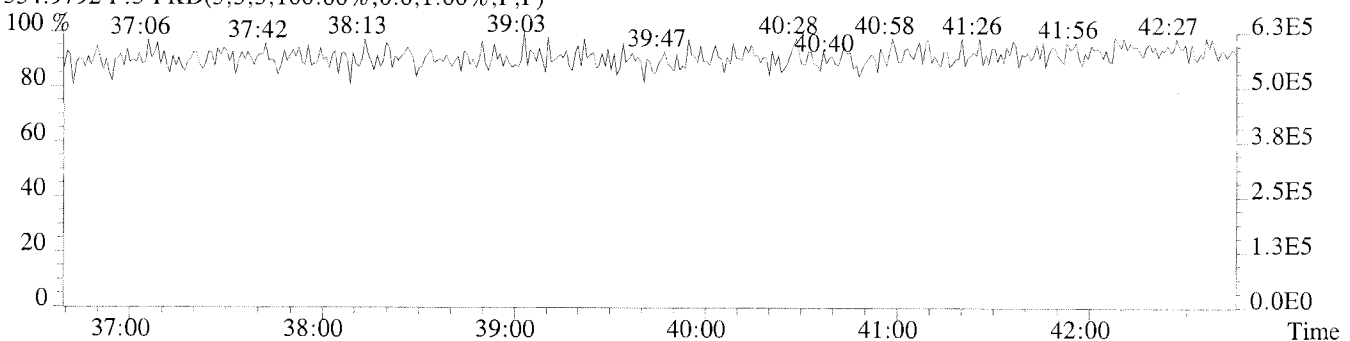
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1152.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1352.0,1.00%,F,T)

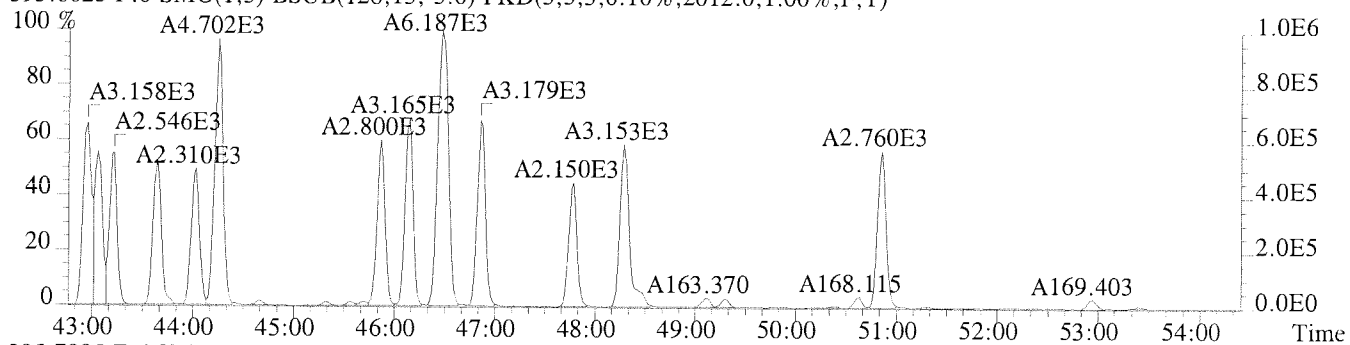


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

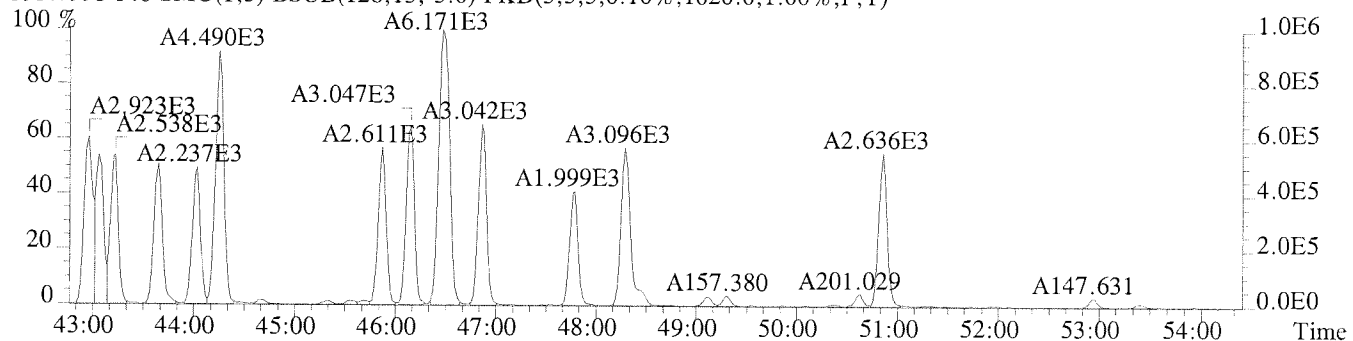


File:U224778 #1-577 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

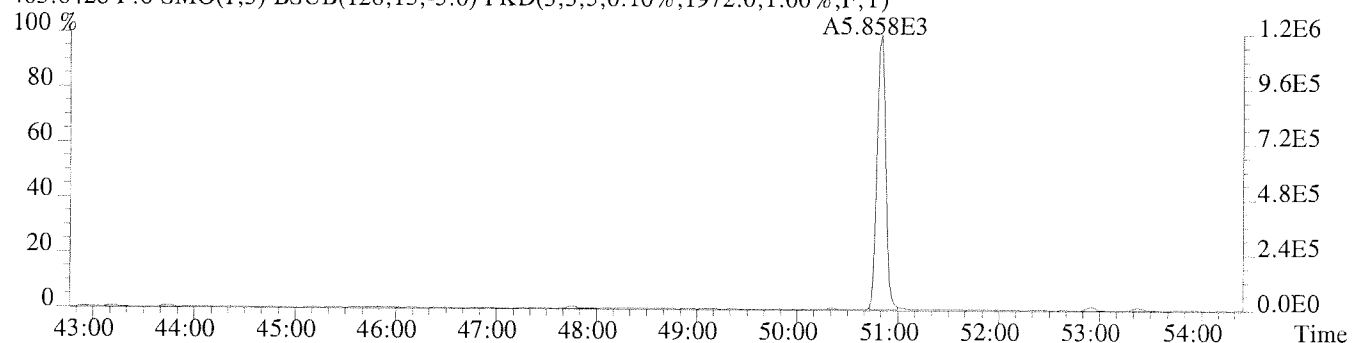
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2012.0,1.00%,F,T)



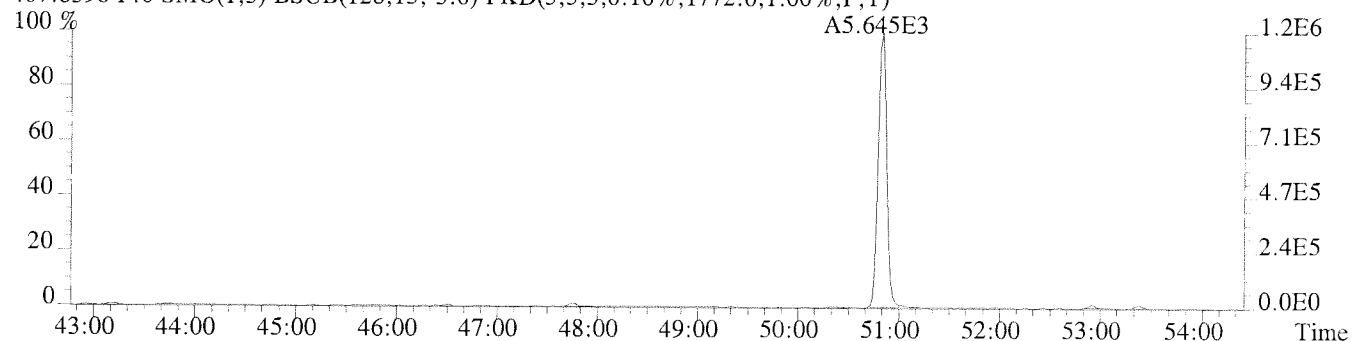
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1020.0,1.00%,F,T)



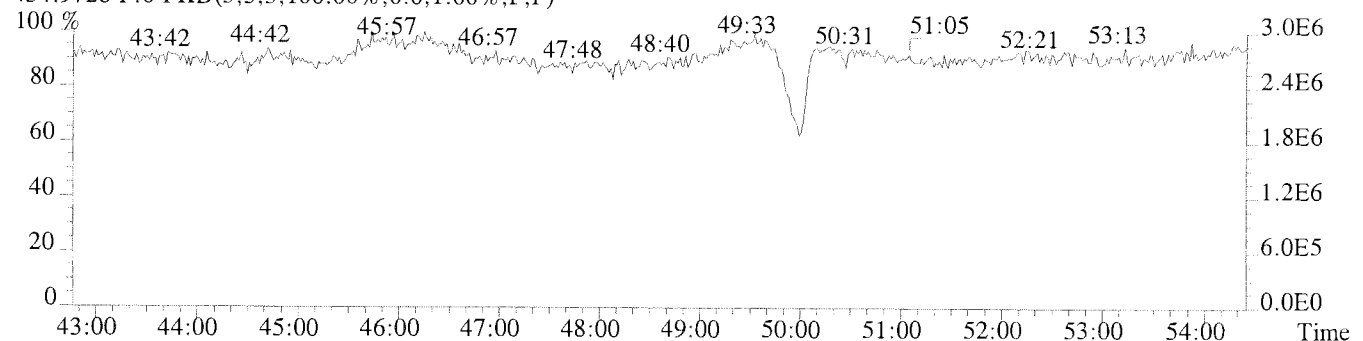
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1972.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1772.0,1.00%,F,T)



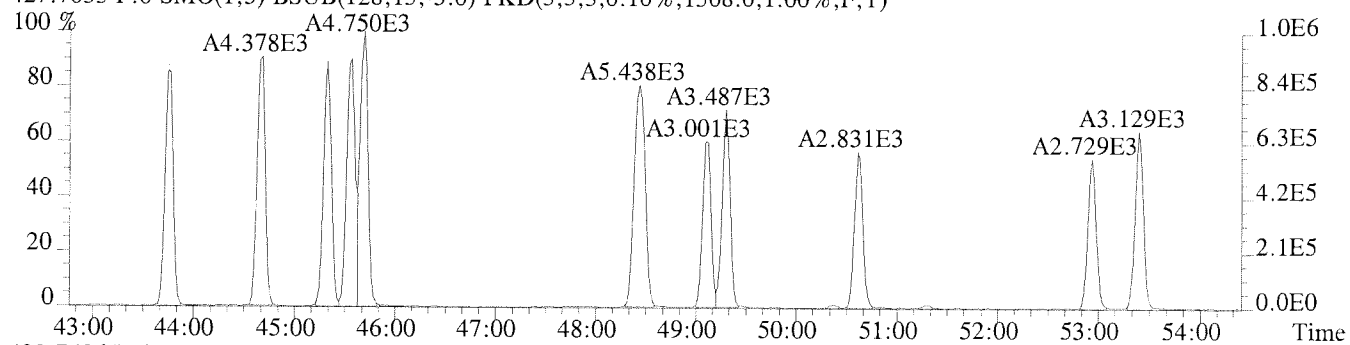
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



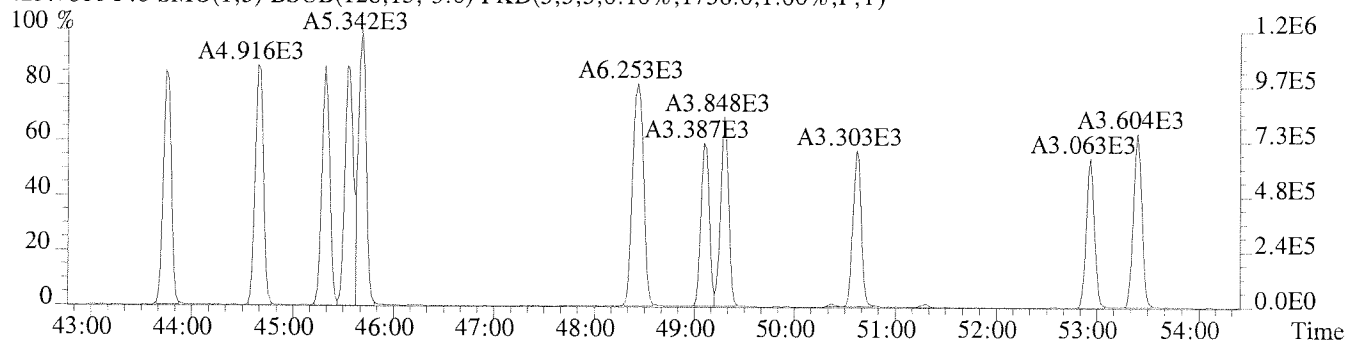
File:U224778 #1-577 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

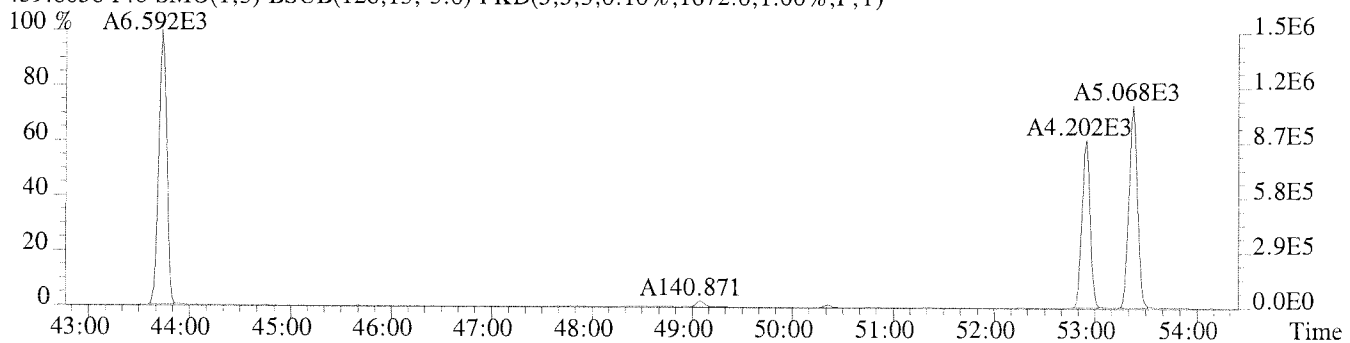
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1508.0,1.00%,F,T)



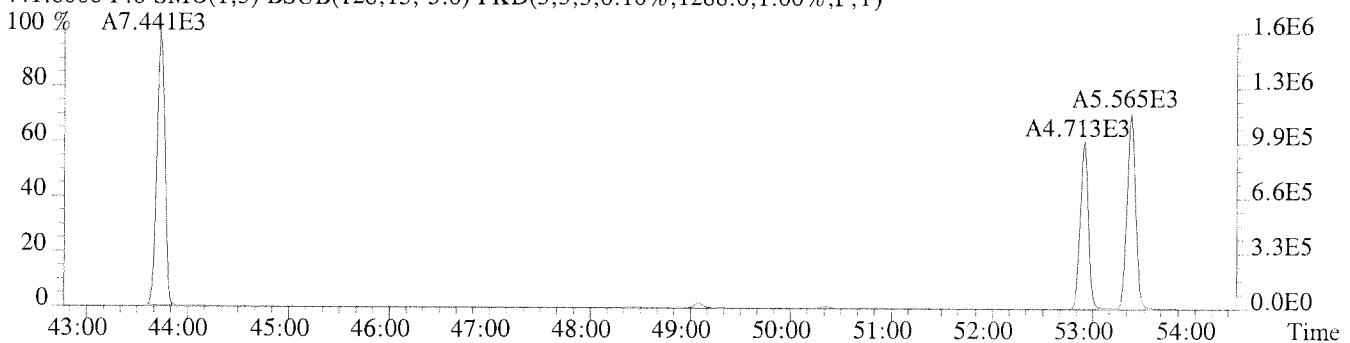
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1736.0,1.00%,F,T)



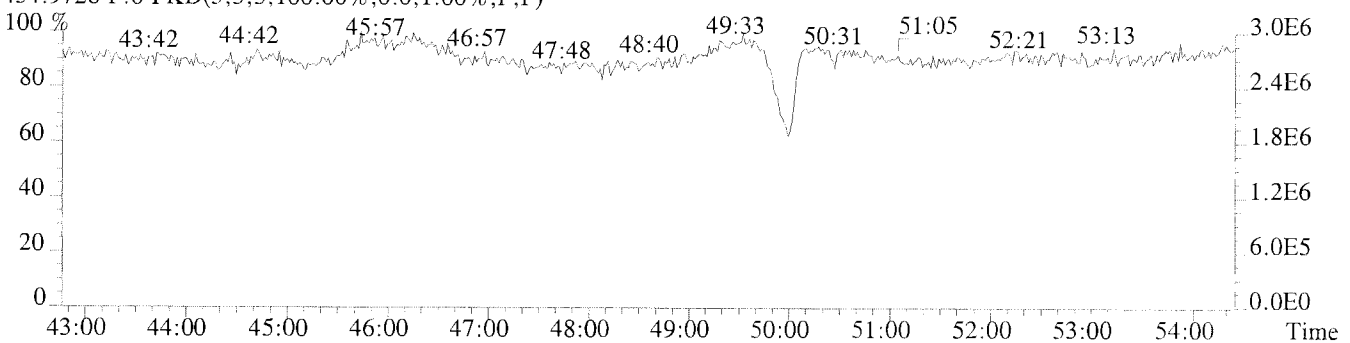
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1672.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1288.0,1.00%,F,T)



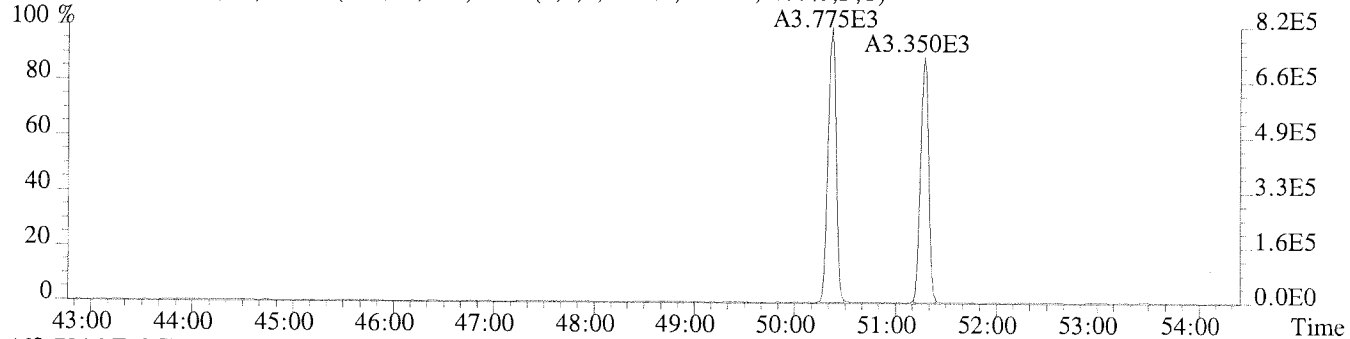
454.9728 F:6 PKD(5,3,5,1.00%,0.0,1.00%,F,F)



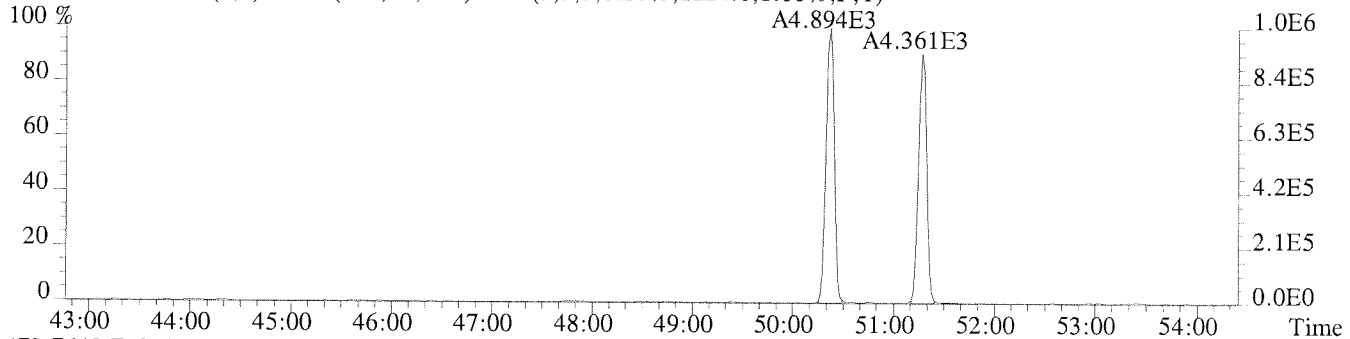
File:U224778 #1-577 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

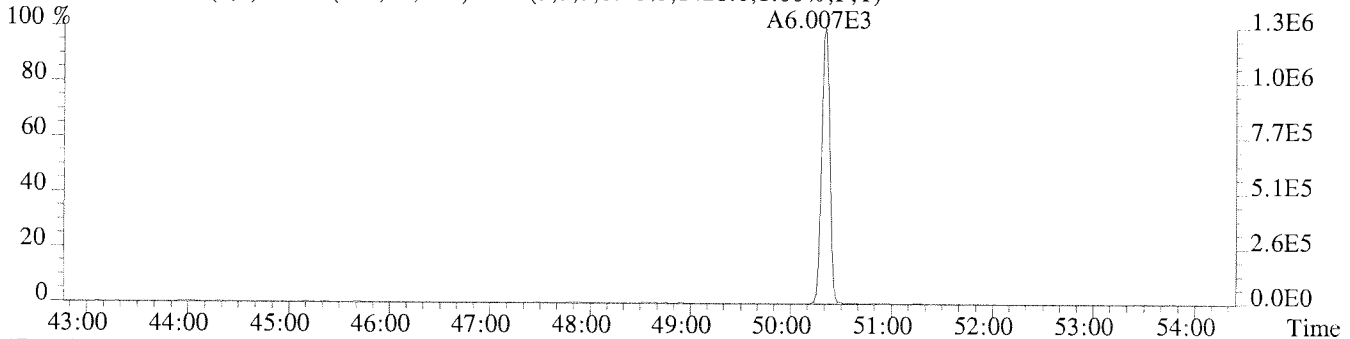
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1388.0,1.00%,F,T)



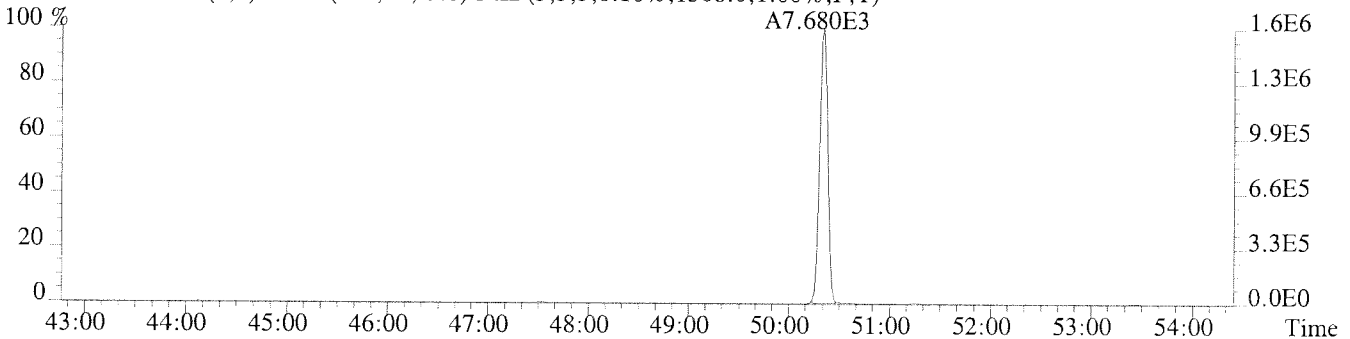
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1224.0,1.00%,F,T)



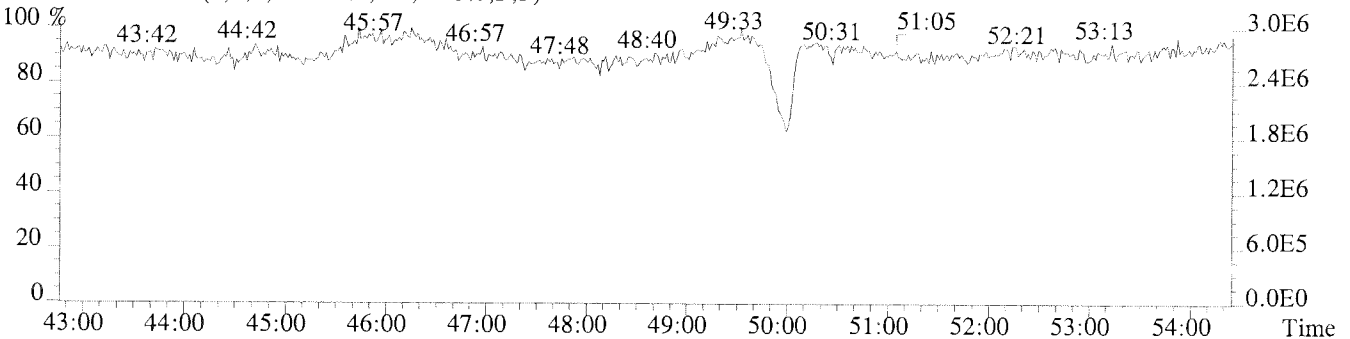
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1428.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1308.0,1.00%,F,T)



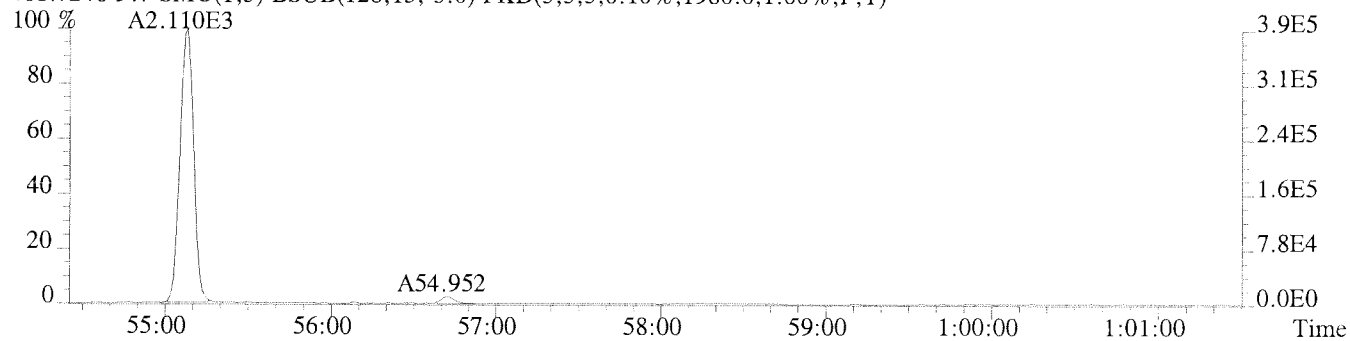
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



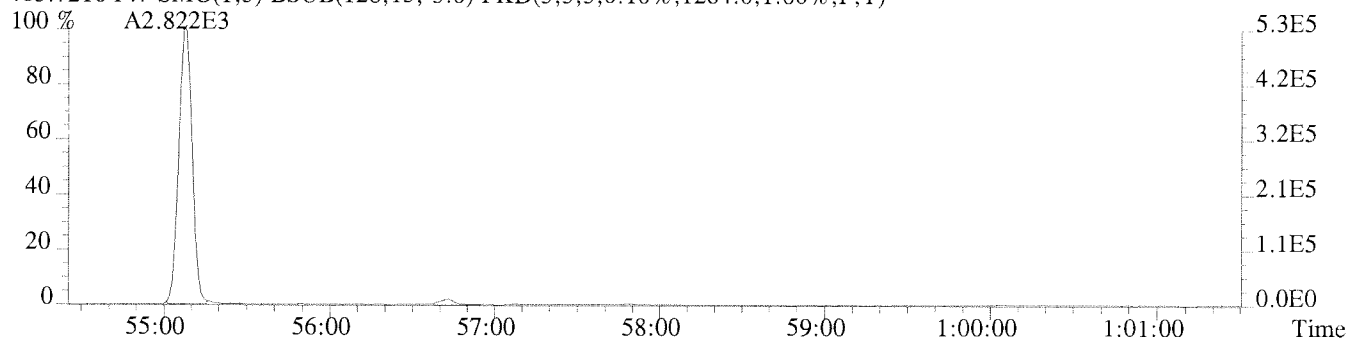
File:U224778 #1-400 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

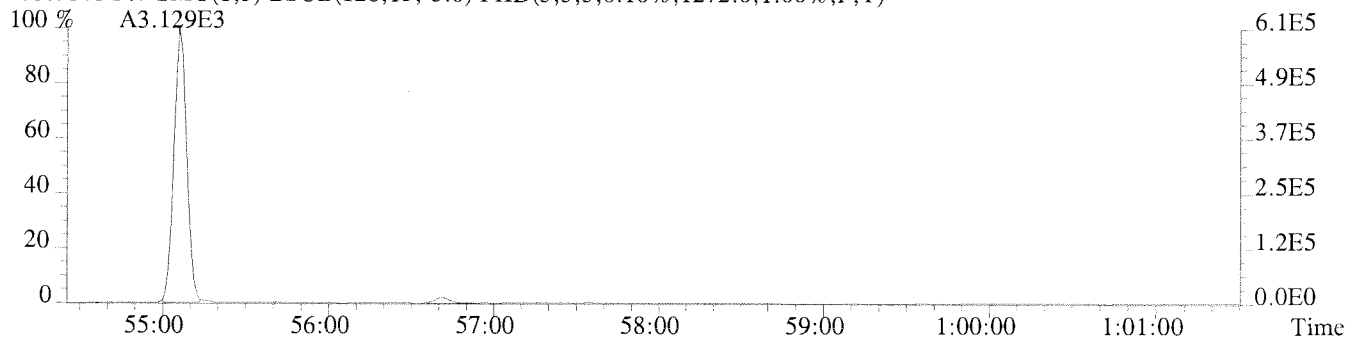
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1980.0,1.00%,F,T)



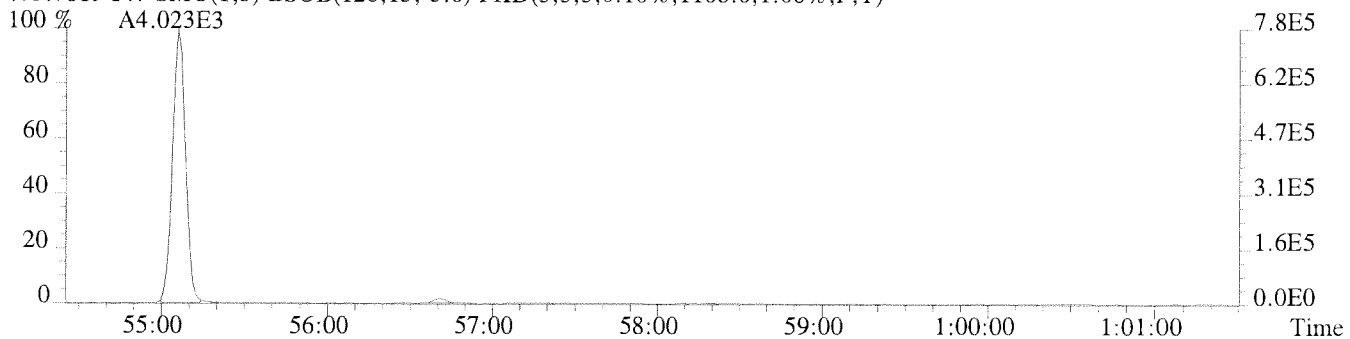
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1284.0,1.00%,F,T)



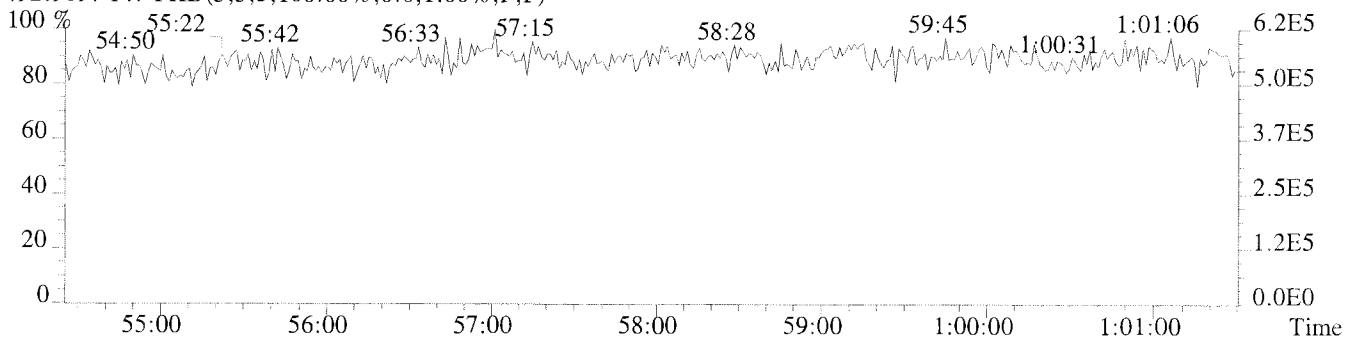
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1272.0,1.00%,F,T)



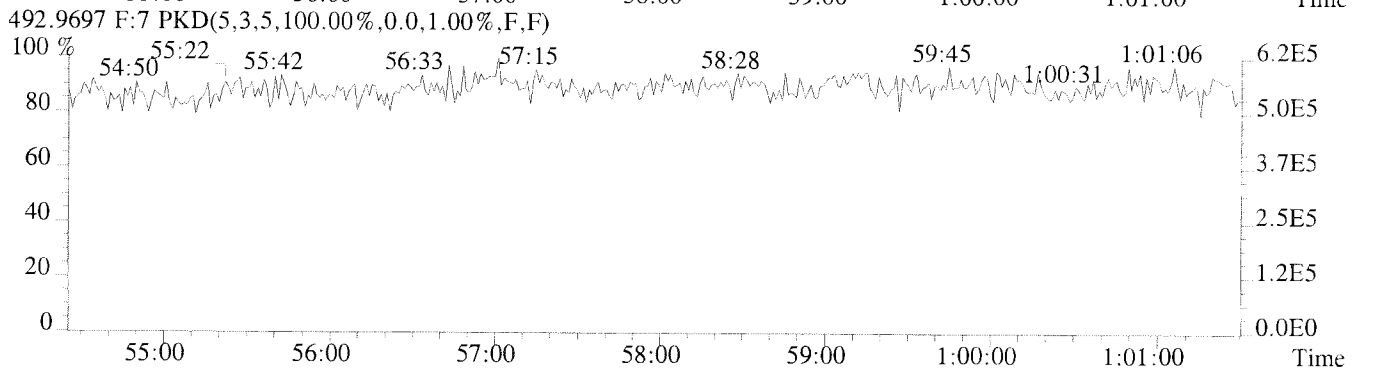
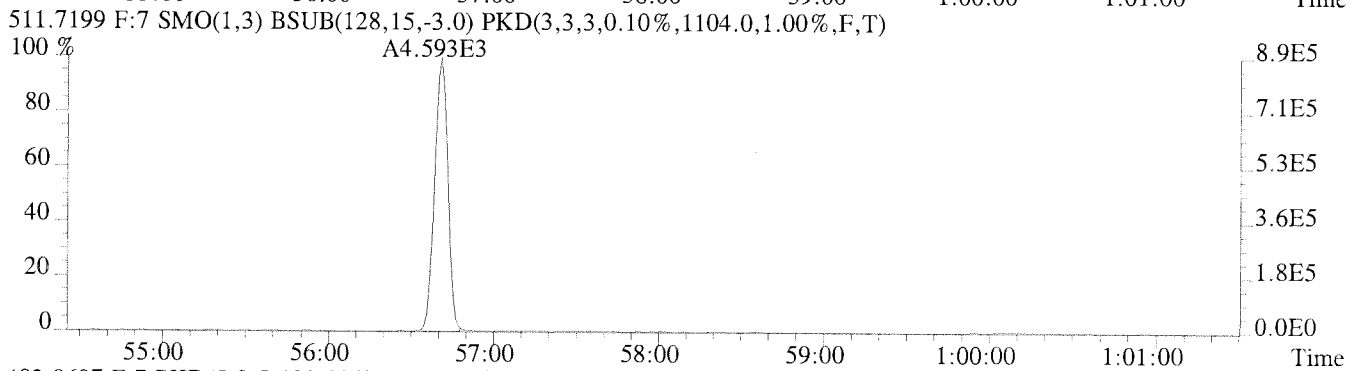
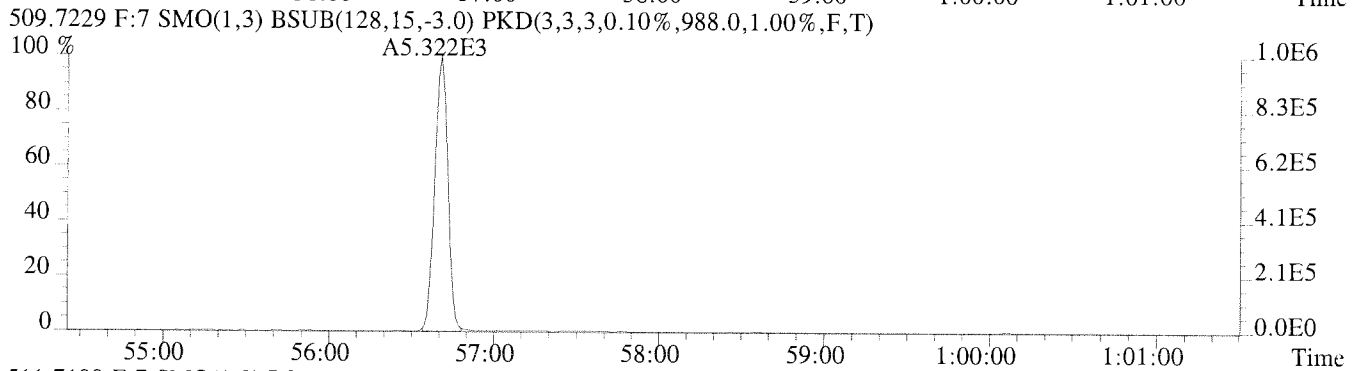
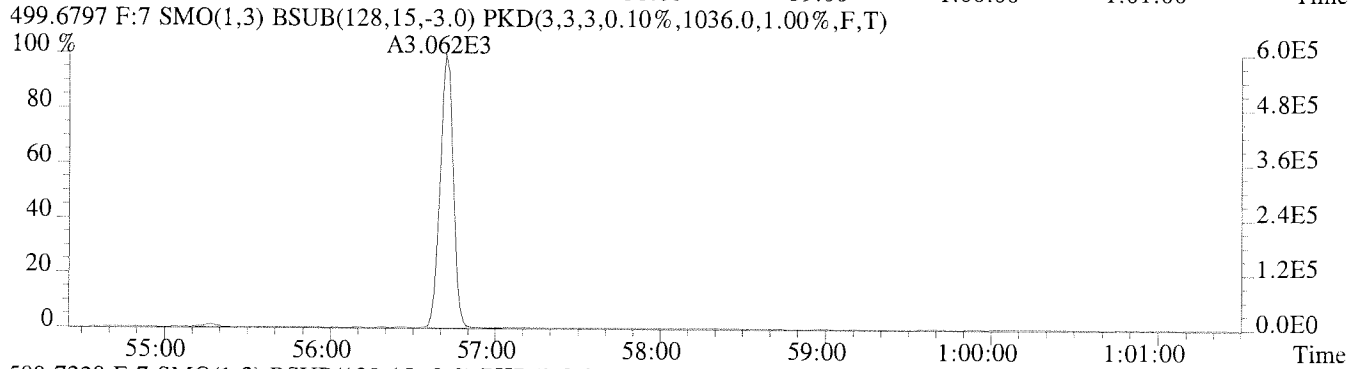
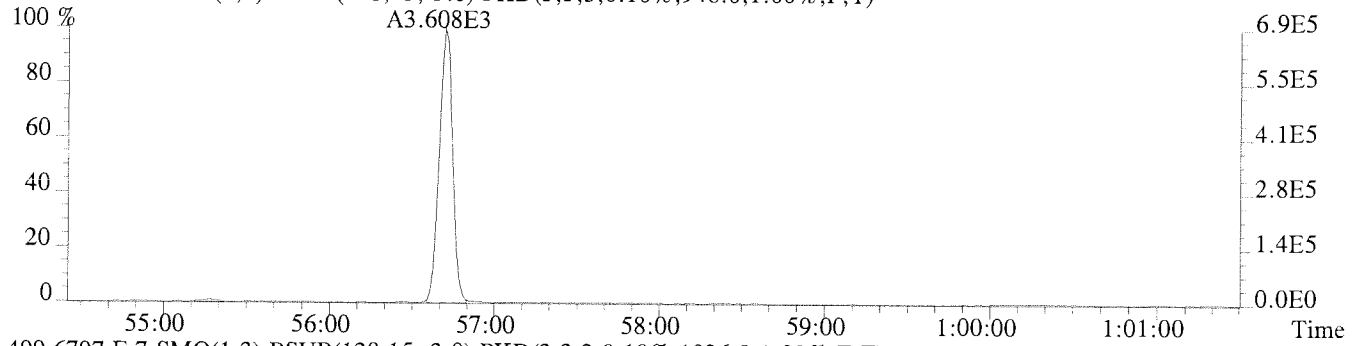
475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1108.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



File:U224778 #1-400 Acq:18-JAN-2011 09:37:40 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,948.0,1.00%,F,T)



FORM 4A
PCB CALIBRATION VERIFICATION

Lab Name: Columbia Analytical Services Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 10/19/09

Instrument ID: Autospec Ultima GC Column ID: SPB-OCTYL

VER Data Filename: U224779

Analysis Date: 18-JAN-11 Time: 11:09:26

NATIVE ANALYTES	M/Z'S FORMING RATIO (1)	ION ABUND. RATIO	QC LIMITS (2)	CONC. FOUND	CONC. RANGE (3) (ng/mL)
2-MoCB	M/M+2	3.10	2.66-3.60	54.7	35.0 - 65.0
4-MoCB	M/M+2	3.14	2.66-3.60	54.3	35.0 - 65.0
22'-DiCB	M/M+2	1.55	1.33-1.79	48.8	35.0 - 65.0
44'-DiCB	M/M+2	1.60	1.33-1.79	53.8	35.0 - 65.0
22'6'-TrCB	M/M+2	1.03	0.88-1.20	51.0	35.0 - 65.0
344'-TrCB	M/M+2	1.03	0.88-1.20	54.5	35.0 - 65.0
22'66'-TeCB	M/M+2	0.76	0.65-0.89	53.0	35.0 - 65.0
344'5-TeCB	M/M+2	0.78	0.65-0.89	53.8	35.0 - 65.0
33'44'-TeCB	M/M+2	0.80	0.65-0.89	56.0	35.0 - 65.0
22'466'-PeCB	M+2/M+4	1.54	1.32-1.78	47.6	35.0 - 65.0
2'344'5-PeCB	M+2/M+4	1.63	1.32-1.78	51.3	35.0 - 65.0
23'44'5-PeCB	M+2/M+4	1.64	1.32-1.78	47.0	35.0 - 65.0
2344'5-PeCB	M+2/M+4	1.59	1.32-1.78	51.1	35.0 - 65.0
233'44'-PeCB	M+2/M+4	1.63	1.32-1.78	53.1	35.0 - 65.0
33'44'5-PeCB	M+2/M+4	1.61	1.32-1.78	52.4	35.0 - 65.0
22'44'66'-HxCB	M+2/M+4	1.20	1.05-1.43	49.9	35.0 - 65.0
23'44'55'-HxCB	M+2/M+4	1.27	1.05-1.43	52.8	35.0 - 65.0
233'44'5-HxCB	M+2/M+4	1.24	1.05-1.43	101.8	70.0 -130.0
33'44'55'-HxCB	M+2/M+4	1.23	1.05-1.43	53.1	35.0 - 65.0
22'34'566'-HpCB	M+2/M+4	1.05	0.89-1.21	49.6	35.0 - 65.0
233'44'55'-HpCB	M+2/M+4	1.05	0.89-1.21	53.9	35.0 - 65.0
22'33'55'66'-OcCB	M+2/M+4	0.90	0.76-1.02	53.6	35.0 - 65.0
233'44'55'6-OcCB	M+2/M+4	0.87	0.76-1.02	49.9	35.0 - 65.0
22'33'4'55'66'-NoCB	M+2/M+4	0.78	0.65-0.89	52.1	35.0 - 65.0
22'33'44'55'6-NoCB	M+2/M+4	0.76	0.65-0.89	53.6	35.0 - 65.0
DeCB	M+4/M+6	1.18	0.99-1.33	51.6	35.0 - 65.0

(1) See Table 7, Method 1668A, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 8, Method 1668A.

(3) Contract-required concentration range as specified in Table 6, Method 1668A, under VER.

SP1668F4AU

FORM 4B
PCB CALIBRATION VERIFICATION

Lab Name: Columbia Analytical Services Episode No.:

Contract No.: SAS No.:

Initial Calibration Date: 10/19/09

Instrument ID: Autospec Ultima GC Column ID: SPB-OCTYL

VER Data Filename: U224779

Analysis Date: 18-JAN-11 Time: 11:09:26

LABELLED COMPOUNDS	M/Z'S FORMING RATIO (1)	ION ABUND. RATIO	QC LIMITS (2)	CONC. FOUND	CONC. RANGE (3) (ng/mL)
13C-2-MoCB	M/M+2	3.18	2.66-3.60	104.0	50.0 - 150.0
13C-4-MoCB	M/M+2	3.33	2.66-3.60	99.9	50.0 - 150.0
13C-22'-DiCB	M/M+2	1.53	1.33-1.79	96.7	50.0 - 150.0
13C-44'-DiCB	M/M+2	1.59	1.33-1.79	102.4	50.0 - 150.0
13C-22'6'-TrCB	M/M+2	1.03	0.88-1.20	93.8	50.0 - 150.0
13C-344'-TrCB	M/M+2	1.05	0.88-1.20	108.4	50.0 - 150.0
13C-22'66'-TeCB	M/M+2	0.80	0.65-0.89	107.0	50.0 - 150.0
13C-344'5'-TeCB	M/M+2	0.79	0.65-0.89	100.2	50.0 - 150.0
13C-33'44'-TeCB	M/M+2	0.81	0.65-0.89	97.8	50.0 - 150.0
13C-22'466'-PeCB	M+2/M+4	1.52	1.32-1.78	118.7	50.0 - 150.0
13C-2'344'5'-PeCB	M+2/M+4	1.60	1.32-1.78	112.4	50.0 - 150.0
13C-23'44'5'-PeCB	M+2/M+4	1.61	1.32-1.78	115.4	50.0 - 150.0
13C-2344'5'-PeCB	M+2/M+4	1.61	1.32-1.78	113.0	50.0 - 150.0
13C-233'44'-PeCB	M+2/M+4	1.59	1.32-1.78	111.6	50.0 - 150.0
13C-33'44'5'-PeCB	M+2/M+4	1.58	1.32-1.78	113.7	50.0 - 150.0
13C-22'44'66'-HxCB	M+2/M+4	1.24	1.05-1.43	94.0	50.0 - 150.0
13C-23'44'55'-HxCB	M+2/M+4	1.29	1.05-1.43	96.0	50.0 - 150.0
13C-233'44'5'-HxCB	M+2/M+4	1.29	1.05-1.43	199.3	100.0 - 300.0
13C-33'44'55'-HxCB	M+2/M+4	1.27	1.05-1.43	93.9	50.0 - 150.0
13C-22'34'566'-HpCB	M+2/M+4	1.04	0.89-1.21	106.3	50.0 - 150.0
13C-233'44'55'-HpCB	M+2/M+4	1.03	0.89-1.21	98.5	50.0 - 150.0
13C-22'33'55'66'-OoCB	M+2/M+4	0.91	0.76-1.02	105.8	50.0 - 150.0
13C-233'44'55'6'-OoCB	M+2/M+4	0.92	0.76-1.02	108.3	50.0 - 150.0
13C-22'33'4'55'66'-NoCB	M+2/M+4	0.79	0.65-0.89	107.9	50.0 - 150.0
13C-22'33'44'55'6'-NoCB	M+2/M+4	0.79	0.65-0.89	87.3	50.0 - 150.0
13C-DeCB	M+4/M+6	1.19	0.99-1.33	89.9	50.0 - 150.0

CLEANUP STANDARDS

13C-244'-TrCB	M/M+2	1.05	0.88-1.20	109.1	50.0 - 150.0
13C-233'55'-PeCB	M+2/M+4	1.57	1.32-1.78	103.7	50.0 - 150.0
13C-22'33'55'6'-HpCB	M+2/M+4	1.07	0.89-1.21	97.9	50.0 - 150.0

(1) See Table 7, Method 1668A, for m/z specifications.

(2) Ion Abundance Ratio Control Limits as specified in Table 8, Method 1668A.

(3) Contract-required concentration range, as specified in Table 6, Method 1668A, under VER.

SP1668F4Bu

Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
CCAL CS3

Run #6 Filename U224779 #1 Samp: 1 Inj: 1 Acquired: 18-JAN-11 11:09:26
Processed: 18-JAN-11 16:21:09 LAB. ID: CCAL CS3

Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT
1 1	2-MoCB	12:57	1.440e+04	4.649e+03	3.10	yes	no	1.000
2 3	4-MoCB	15:08	1.403e+04	4.462e+03	3.14	yes	no	1.001
3 4	22'-DiCB	15:24	6.740e+03	4.335e+03	1.55	yes	no	1.001
4 15	44'-DiCB	21:18	9.320e+03	5.808e+03	1.60	yes	no	1.001
5 19	22'6'-TrCB	18:31	4.133e+03	4.030e+03	1.03	yes	no	1.001
6 37	344'-TrCB	28:20	7.664e+03	7.415e+03	1.03	yes	no	1.001
7 54	22'66'-TeCB	21:37	5.312e+03	7.002e+03	0.76	yes	no	1.001
8 81	344'5-TeCB	35:03	4.979e+03	6.394e+03	0.78	yes	no	1.000
9 77	33'44'-TeCB	35:36	4.923e+03	6.161e+03	0.80	yes	no	1.000
10 104	22'466'-PeCB	27:05	7.041e+03	4.578e+03	1.54	yes	no	1.001
11 123	2'344'5-PeCB	37:35	6.462e+03	3.959e+03	1.63	yes	no	1.001
12 118	23'44'5-PeCB	37:53	6.402e+03	3.911e+03	1.64	yes	no	1.000
13 114	2344'5-PeCB	38:25	6.531e+03	4.118e+03	1.59	yes	no	1.000
14 105	233'44'-PeCB	39:06	6.451e+03	3.956e+03	1.63	yes	no	1.001
15 126	33'44'5-PeCB	42:09	5.848e+03	3.644e+03	1.61	yes	no	1.000
16 155	22'44'66'-HxCB	32:43	5.591e+03	4.649e+03	1.20	yes	no	1.001
17 167	23'44'55'-HxCB	43:59	4.280e+03	3.379e+03	1.27	yes	no	1.000
18 156/7	233'44'5-HxCB	45:10	8.043e+03	6.477e+03	1.24	yes	no	1.001
19 169	33'44'55'-HxCB	48:21	3.526e+03	2.864e+03	1.23	yes	no	1.000
20 188	22'34'566'-HpCB	38:24	4.660e+03	4.418e+03	1.05	yes	no	1.000
21 189	233'44'55'-HpCB	50:51	2.723e+03	2.582e+03	1.05	yes	no	1.000
22 202	22'33'55'66'-OxCB	43:45	2.990e+03	3.324e+03	0.90	yes	no	1.000
23 205	233'44'55'6-OxCB	53:24	2.258e+03	2.586e+03	0.87	yes	no	1.000
24 208	22'33'4'55'66'-NoCB	50:22	2.374e+03	3.053e+03	0.78	yes	no	1.001
25 206	22'33'44'55'6-NoCB	55:07	1.629e+03	2.133e+03	0.76	yes	no	1.000
26 209	DeCB	56:42	2.721e+03	2.308e+03	1.18	yes	no	1.000
27 1L	13C-2-MoCB	12:57	2.496e+04	7.853e+03	3.18	yes	no	0.746
28 3L	13C-4-MoCB	15:07	2.476e+04	7.447e+03	3.33	yes	no	0.870
29 4L	13C-22'-DiCB	15:23	1.442e+04	9.400e+03	1.53	yes	no	0.886
30 15L	13C-44'-DiCB	21:17	1.759e+04	1.106e+04	1.59	yes	no	1.226
31 19L	13C-22'6'-TrCB	18:30	7.955e+03	7.708e+03	1.03	yes	no	1.065
32 37L	13C-344'-TrCB	28:18	1.313e+04	1.247e+04	1.05	yes	no	1.083
33 54L	13C-22'66'-TeCB	21:36	1.074e+04	1.341e+04	0.80	yes	no	0.827
34 81L	13C-344'5-TeCB	35:02	8.597e+03	1.090e+04	0.79	yes	no	1.341
35 77L	13C-33'44'-TeCB	35:35	8.522e+03	1.056e+04	0.81	yes	no	1.362
36 104L	13C-22'466'-PeCB	27:04	1.469e+04	9.638e+03	1.52	yes	no	0.822
37 123L	13C-2'344'5-PeCB	37:33	1.164e+04	7.257e+03	1.60	yes	no	1.140
38 118L	13C-23'44'5-PeCB	37:53	1.227e+04	7.638e+03	1.61	yes	no	1.150
39 114L	13C-2344'5-PeCB	38:24	1.193e+04	7.401e+03	1.61	yes	no	1.166
40 105L	13C-233'44'-PeCB	39:04	1.134e+04	7.153e+03	1.59	yes	no	1.186
41 126L	13C-33'44'5-PeCB	42:08	1.065e+04	6.740e+03	1.58	yes	no	1.279
42 155L	13C-22'44'66'-HxCB	32:41	1.161e+04	9.378e+03	1.24	yes	no	0.798
43 167L	13C-23'44'55'-HxCB	43:58	7.933e+03	6.161e+03	1.29	yes	no	1.073
44 156/7	13C-233'44'5'-HxCB	45:07	1.511e+04	1.168e+04	1.29	yes	no	1.101
45 169L	13C-33'44'55'-HxCB	48:20	6.508e+03	5.113e+03	1.27	yes	no	1.180
46 188L	13C-22'34'566'-HpCB	38:23	9.827e+03	9.431e+03	1.04	yes	no	0.726
47 189L	13C-233'44'55'-HpCB	50:50	5.474e+03	5.327e+03	1.03	yes	no	0.961
48 202L	13C-22'33'55'66'-OxCB	43:44	6.463e+03	7.104e+03	0.91	yes	no	0.827
49 205L	13C-233'44'55'6-OxCB	53:23	4.980e+03	5.427e+03	0.92	yes	no	1.009
50 208L	13C-22'33'4'55'66'-NoCB	50:20	5.022e+03	6.363e+03	0.79	yes	no	0.951
51 206L	13C-22'33'44'55'6-NoCB	55:06	3.298e+03	4.194e+03	0.79	yes	no	1.042
52 209L	13C-DeCB	56:41	5.732e+03	4.801e+03	1.19	yes	no	1.072

53	28L	13C-244'-TrCB	24:18	1.540e+04	1.464e+04	1.05	yes	no	0.930
54	111L	13C-233'55'-PeCB	35:35	1.085e+04	6.923e+03	1.57	yes	no	1.080
55	178L	13C-22'33'55'6'-HpCB	41:25	6.330e+03	5.910e+03	1.07	yes	no	1.011
56	9L	13C-2,5-DiCB	17:22	1.662e+04	1.055e+04	1.58	yes	no	*
57	52L	13C-22'55'-TeCB	26:08	7.854e+03	1.005e+04	0.78	yes	no	*
58	101L	13C-22'4'55'-PeCB	32:56	8.461e+03	5.383e+03	1.57	yes	no	*
59	138L	13C-22'3'44'5'-HxCB	40:58	7.740e+03	6.229e+03	1.24	yes	no	*
60	194L	13C-22'33'44'55'-OcCB	52:54	3.454e+03	3.841e+03	0.90	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
CCAL CS3

Run #6 Filename U224779 Samp: 1 Inj: 1 Acquired: 18-JAN-11 11:09:26
Processed: 18-JAN-11 16:21:091 LAB. ID: CCAL CS3

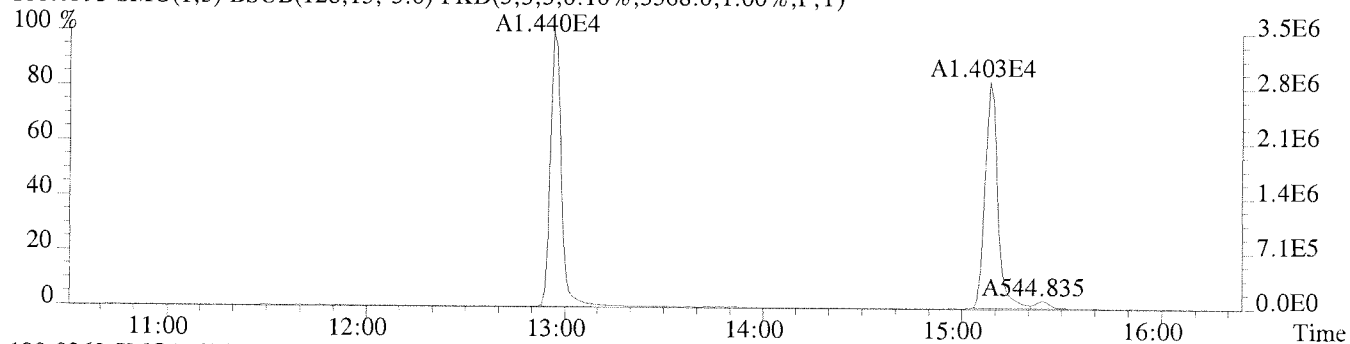
	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	3.54e+06	3.57e+03	9.9e+02	1.14e+06	2.59e+03	4.4e+02
2	4-MoCB	2.93e+06	3.57e+03	8.2e+02	9.37e+05	2.59e+03	3.6e+02
3	22'-DiCB	1.53e+06	2.45e+03	6.2e+02	1.00e+06	1.55e+04	6.4e+01
4	44'-DiCB	1.73e+06	3.52e+03	4.9e+02	1.07e+06	6.39e+03	1.7e+02
5	22'6'-TrCB	9.09e+05	1.84e+03	5.0e+02	8.86e+05	1.58e+03	5.6e+02
6	344'-TrCB	1.26e+06	1.78e+03	7.1e+02	1.24e+06	2.78e+03	4.5e+02
7	22'66'-TeCB	1.11e+06	1.18e+03	9.4e+02	1.47e+06	1.33e+03	1.1e+03
8	344'5-TeCB	8.51e+05	1.18e+03	7.2e+02	1.05e+06	1.11e+03	9.5e+02
9	33'44'-TeCB	7.71e+05	1.18e+03	6.6e+02	9.85e+05	1.11e+03	8.9e+02
10	22'466'-PeCB	1.29e+06	1.02e+03	1.3e+03	8.26e+05	1.23e+03	6.7e+02
11	2'344'5-PeCB	1.12e+06	1.32e+03	8.4e+02	6.87e+05	4.68e+03	1.5e+02
12	23'44'5-PeCB	1.07e+06	1.32e+03	8.1e+02	6.69e+05	4.68e+03	1.4e+02
13	2344'5-PeCB	1.15e+06	1.32e+03	8.6e+02	7.22e+05	4.68e+03	1.5e+02
14	233'44'-PeCB	1.06e+06	1.32e+03	8.0e+02	6.58e+05	4.68e+03	1.4e+02
15	33'44'5-PeCB	8.62e+05	1.32e+03	6.5e+02	5.57e+05	4.68e+03	1.2e+02
16	22'44'66'-HxCB	1.05e+06	1.11e+03	9.5e+02	8.70e+05	1.30e+03	6.7e+02
17	23'44'55'-HxCB	8.69e+05	1.78e+03	4.9e+02	6.95e+05	1.38e+03	5.0e+02
18	233'44'5-HxCB	1.15e+06	1.78e+03	6.4e+02	9.27e+05	1.38e+03	6.7e+02
19	33'44'55'-HxCB	6.33e+05	1.78e+03	3.6e+02	5.40e+05	1.38e+03	3.9e+02
20	22'34'566'-HpCB	8.59e+05	1.35e+03	6.4e+02	8.01e+05	9.04e+02	8.9e+02
21	233'44'55'-HpCB	5.50e+05	1.39e+03	4.0e+02	5.10e+05	1.51e+03	3.4e+02
22	22'33'55'66'-OcCB	6.68e+05	1.18e+03	5.6e+02	7.48e+05	1.20e+03	6.2e+02
23	233'44'55'6-OcCB	4.61e+05	1.18e+03	3.9e+02	5.38e+05	1.20e+03	4.5e+02
24	22'33'4'55'66'-NoCB	4.97e+05	8.84e+02	5.6e+02	6.54e+05	7.80e+02	8.4e+02
25	22'33'44'55'6-NoCB	3.12e+05	1.67e+03	1.9e+02	3.96e+05	2.37e+03	1.7e+02
26	DeCB	5.29e+05	1.12e+03	4.7e+02	4.48e+05	1.10e+03	4.1e+02
27	13C-2-MoCB	6.03e+06	2.53e+03	2.4e+03	1.96e+06	2.62e+04	7.5e+01
28	13C-4-MoCB	5.13e+06	2.53e+03	2.0e+03	1.58e+06	2.62e+04	6.0e+01
29	13C-22'-DiCB	3.24e+06	3.60e+03	9.0e+02	2.08e+06	1.77e+03	1.2e+03
30	13C-44'-DiCB	3.25e+06	4.38e+03	7.4e+02	2.03e+06	3.07e+03	6.6e+02
31	13C-22'6'-TrCB	1.77e+06	1.41e+04	1.3e+02	1.72e+06	7.34e+03	2.3e+02
32	13C-344'-TrCB	2.18e+06	2.14e+04	1.0e+02	2.04e+06	8.22e+03	2.5e+02
33	13C-22'66'-TeCB	2.19e+06	2.24e+03	9.7e+02	2.77e+06	1.43e+03	1.9e+03
34	13C-344'5-TeCB	1.44e+06	2.09e+03	6.9e+02	1.80e+06	7.04e+02	2.6e+03
35	13C-33'44'-TeCB	1.39e+06	2.09e+03	6.7e+02	1.70e+06	7.04e+02	2.4e+03
36	13C-22'466'-PeCB	2.65e+06	1.12e+03	2.4e+03	1.74e+06	1.18e+03	1.5e+03
37	13C-2'344'5-PeCB	2.02e+06	2.76e+03	7.3e+02	1.28e+06	1.42e+03	9.1e+02
38	13C-23'44'5-PeCB	2.11e+06	2.76e+03	7.6e+02	1.31e+06	1.42e+03	9.3e+02
39	13C-2344'5-PeCB	2.06e+06	2.76e+03	7.5e+02	1.26e+06	1.42e+03	8.9e+02
40	13C-233'44'-PeCB	1.89e+06	2.76e+03	6.8e+02	1.19e+06	1.42e+03	8.4e+02
41	13C-33'44'5-PeCB	1.66e+06	2.76e+03	6.0e+02	1.02e+06	1.42e+03	7.2e+02
42	13C-22'44'66'-HxCB	2.18e+06	9.56e+02	2.3e+03	1.76e+06	1.00e+03	1.8e+03
43	13C-23'44'55'-HxCB	1.61e+06	1.16e+03	1.4e+03	1.24e+06	9.28e+02	1.3e+03
44	13C-233'44'5'-HxCB	2.22e+06	1.16e+03	1.9e+03	1.69e+06	9.28e+02	1.8e+03
45	13C-33'44'55'-HxCB	1.19e+06	1.16e+03	1.0e+03	9.36e+05	9.28e+02	1.0e+03
46	13C-22'34'566'-HpCB	1.80e+06	9.60e+02	1.9e+03	1.74e+06	1.47e+03	1.2e+03
47	13C-233'44'55'-HpCB	1.07e+06	1.47e+03	7.3e+02	1.04e+06	1.12e+03	9.4e+02
48	13C-22'33'55'66'-OcCB	1.43e+06	1.18e+03	1.2e+03	1.58e+06	1.07e+03	1.5e+03
49	13C-233'44'55'6-OcCB	1.03e+06	1.18e+03	8.7e+02	1.13e+06	1.07e+03	1.1e+03
50	13C-22'33'4'55'66'-NoCB	1.09e+06	1.09e+03	1.0e+03	1.36e+06	9.80e+02	1.4e+03
51	13C-22'33'44'55'6-NoCB	6.38e+05	1.61e+03	4.0e+02	8.05e+05	9.96e+02	8.1e+02
52	13C-DeCB	1.08e+06	1.23e+03	8.8e+02	9.01e+05	1.32e+03	6.8e+02

53	13C-244'-TrCB	2.70e+06	2.14e+04	1.3e+02	2.51e+06	8.22e+03	3.1e+02
54	13C-233'55'-PeCB	1.99e+06	8.92e+02	2.2e+03	1.25e+06	1.04e+03	1.2e+03
55	13C-22'33'55'6'-HpCB	1.14e+06	9.60e+02	1.2e+03	1.05e+06	1.47e+03	7.1e+02
56	13C-2,5-DiCB	3.69e+06	4.38e+03	8.4e+02	2.30e+06	3.07e+03	7.5e+02
57	13C-22'55'-TeCB	1.44e+06	1.82e+03	7.9e+02	1.84e+06	1.44e+03	1.3e+03
58	13C-22'4'55'-PeCB	1.59e+06	8.92e+02	1.8e+03	1.00e+06	1.04e+03	9.6e+02
59	13C-22'3'44'5'-HxCB	1.35e+06	9.36e+02	1.4e+03	1.10e+06	1.01e+03	1.1e+03
60	13C-22'33'44'55'-OxCB	7.05e+05	1.18e+03	6.0e+02	7.92e+05	1.07e+03	7.4e+02

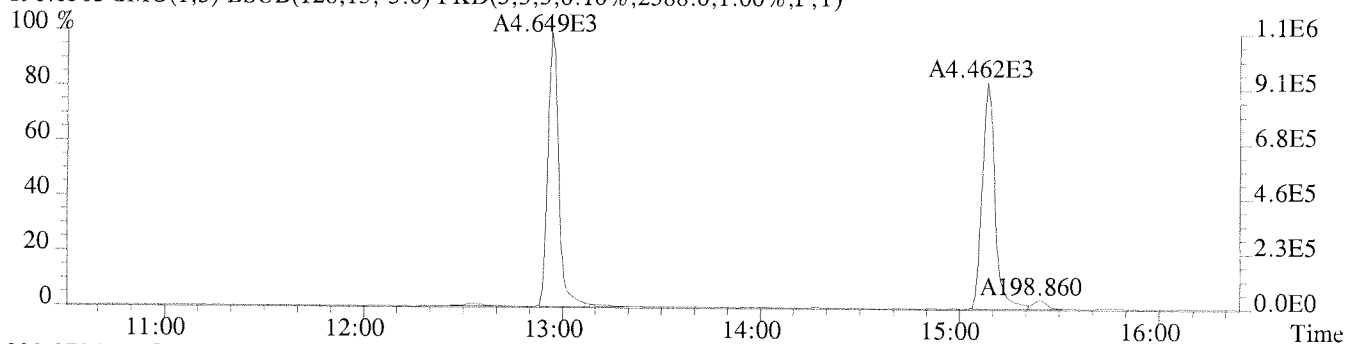
File:U224779 #1-379 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

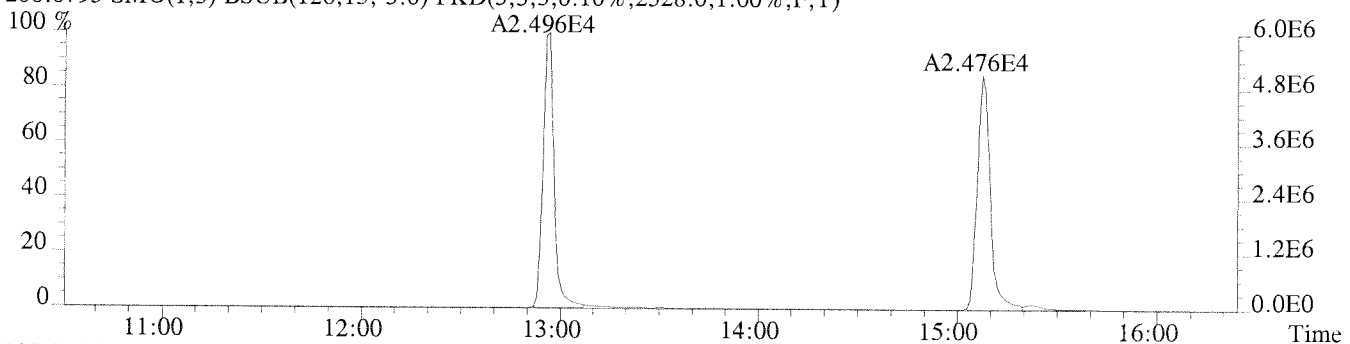
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3568.0,1.00%,F,T)



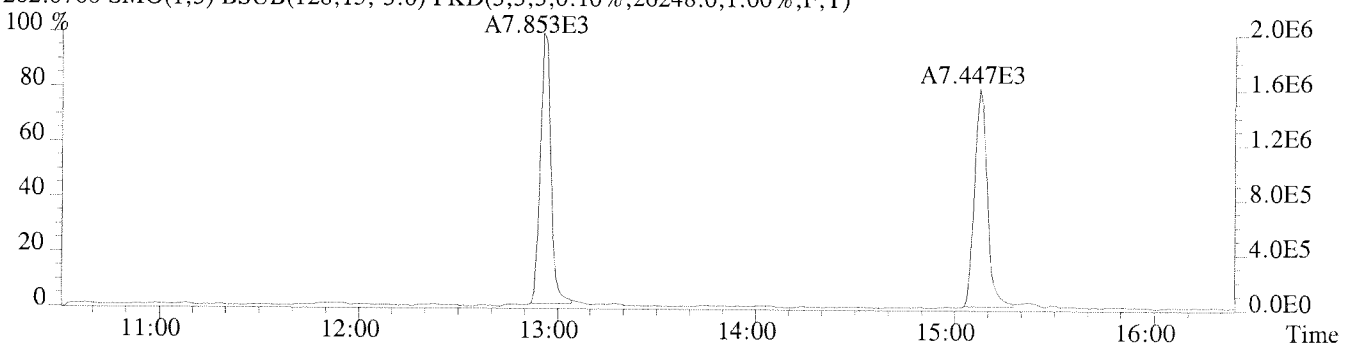
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2588.0,1.00%,F,T)



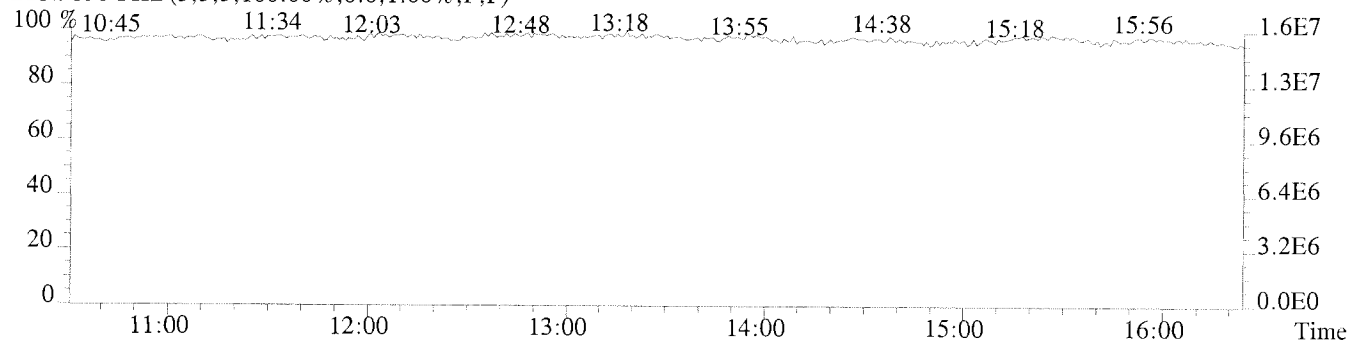
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2528.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,26248.0,1.00%,F,T)



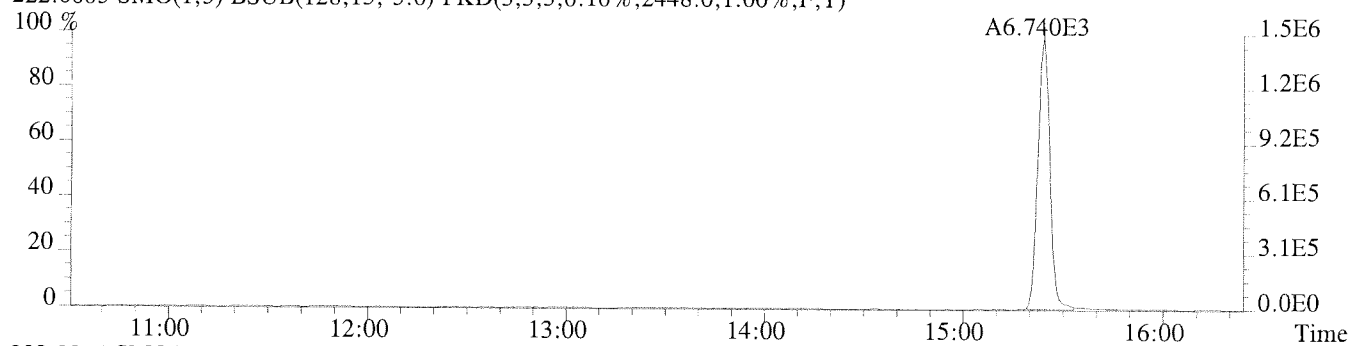
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



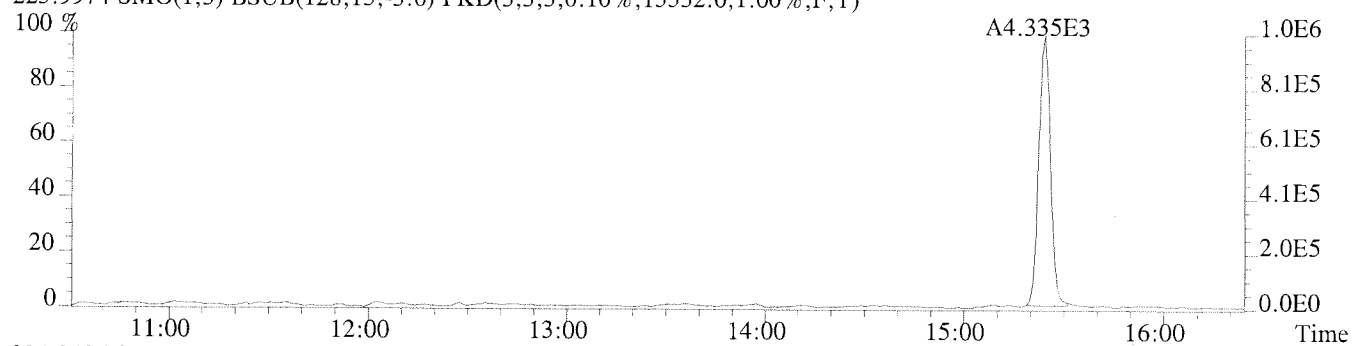
File:U224779 #1-379 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

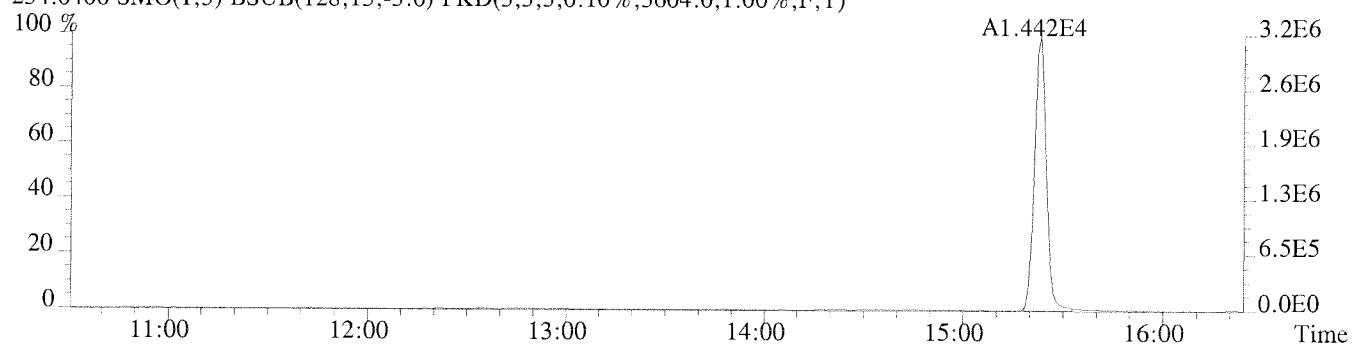
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2448.0,1.00%,F,T)



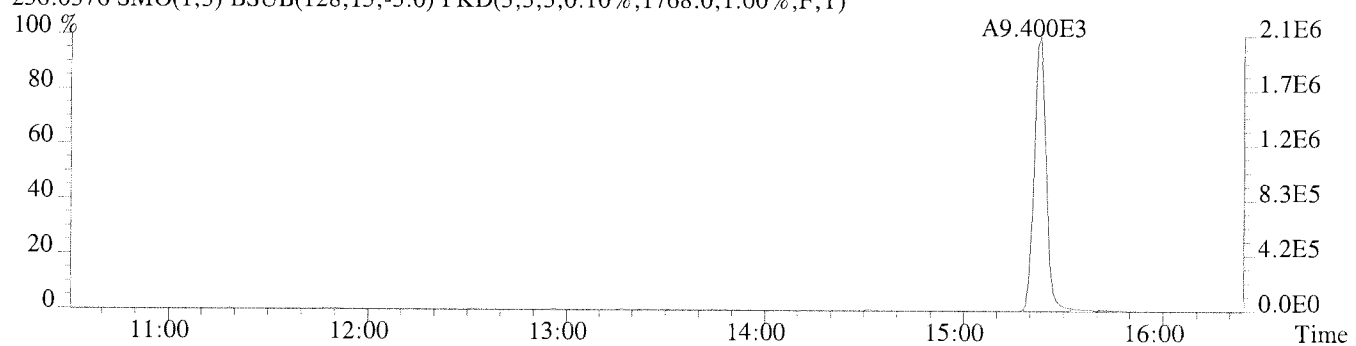
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15532.0,1.00%,F,T)



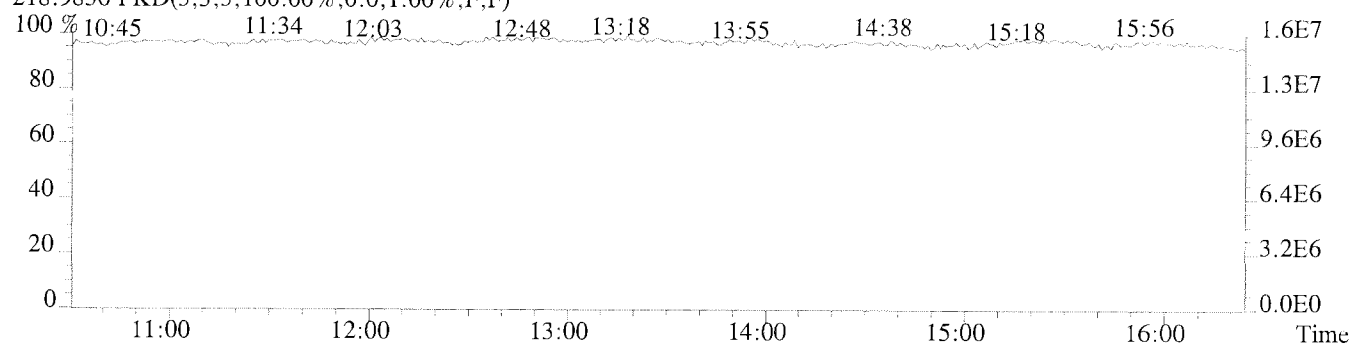
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3604.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1768.0,1.00%,F,T)

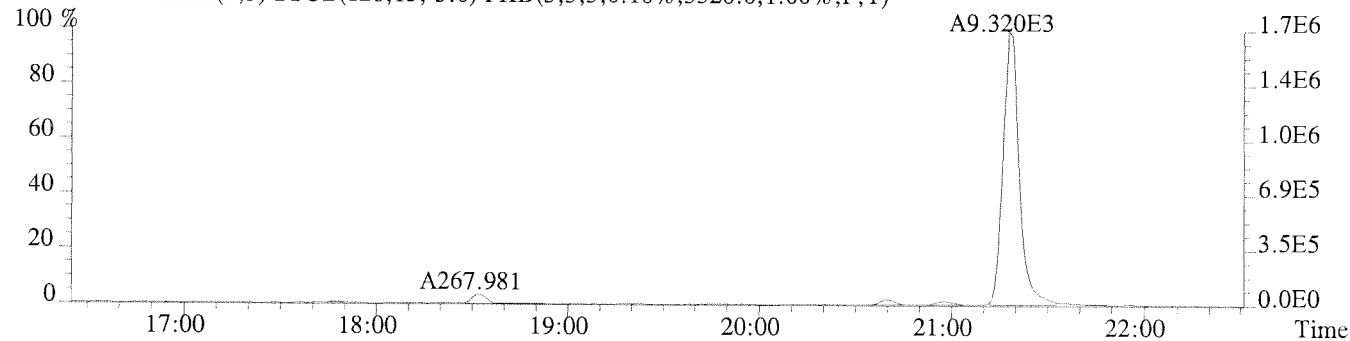


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

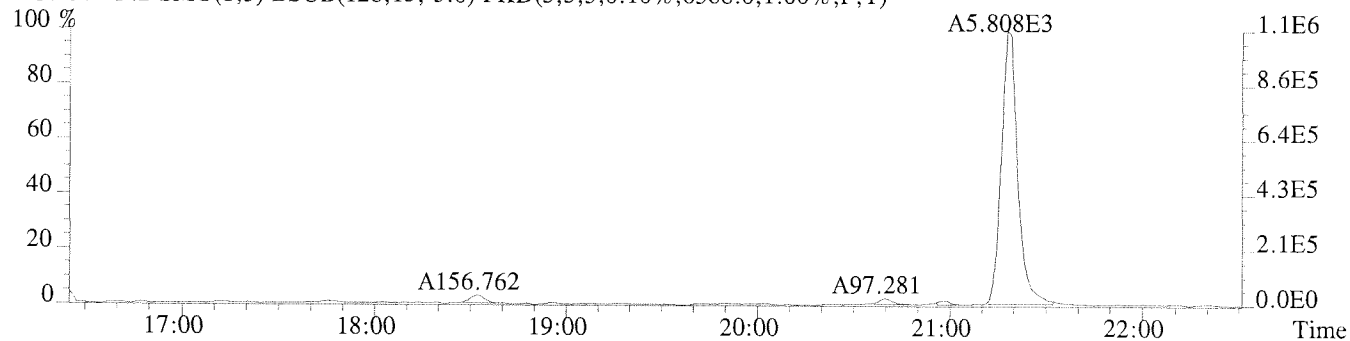


File:U224779 #1-337 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:CCAL CS3

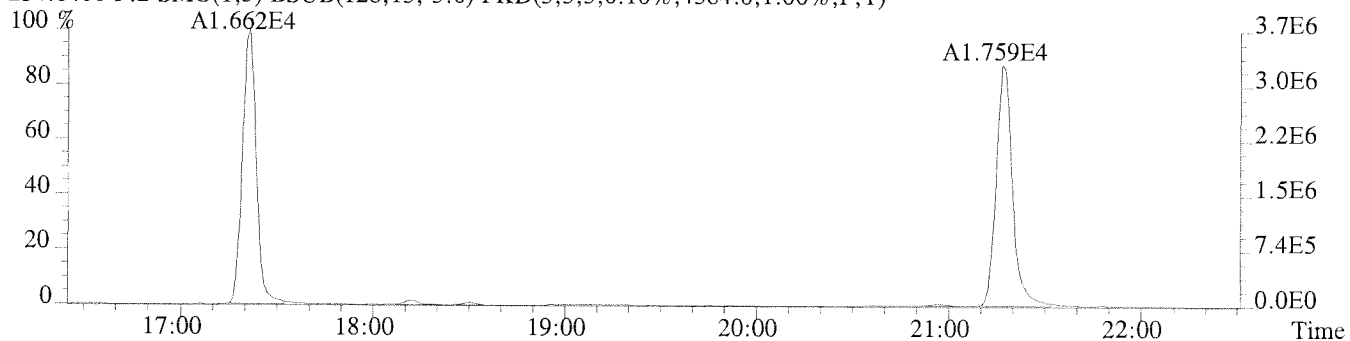
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3520.0,1.00%,F,T)



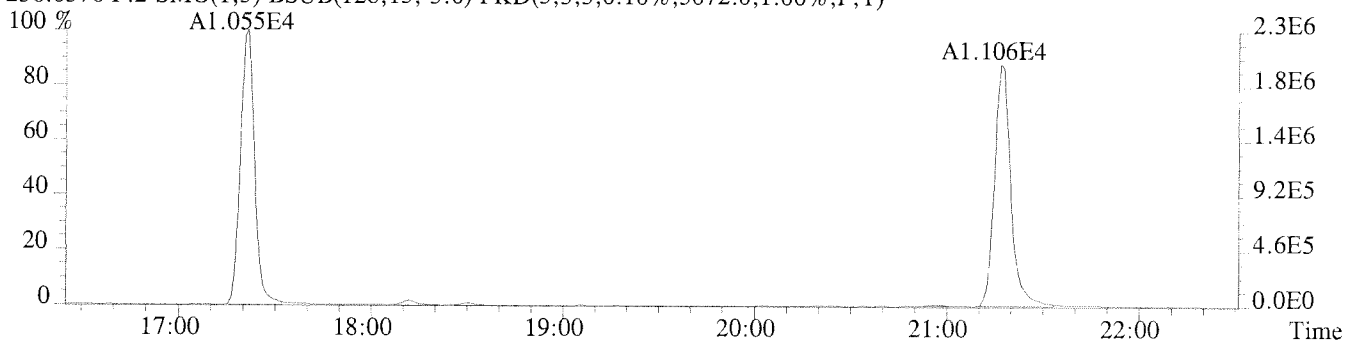
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6388.0,1.00%,F,T)



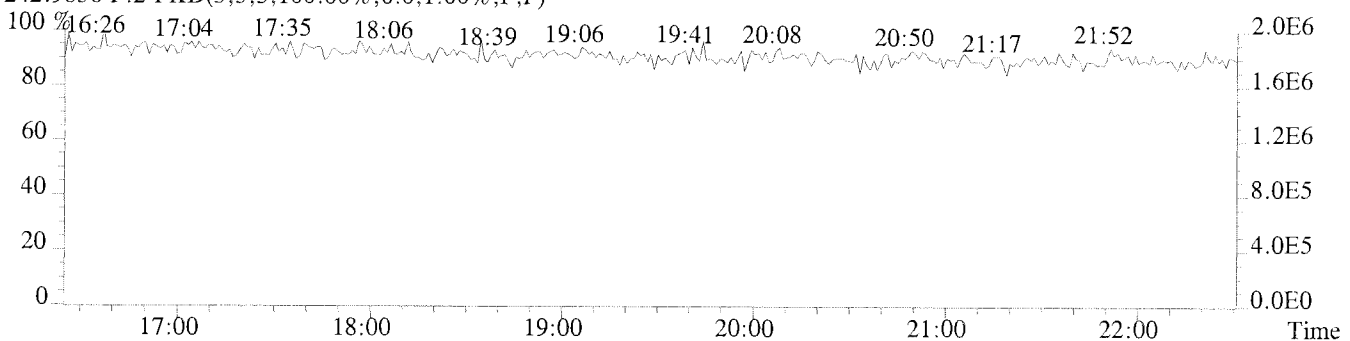
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4384.0,1.00%,F,T)



236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3072.0,1.00%,F,T)



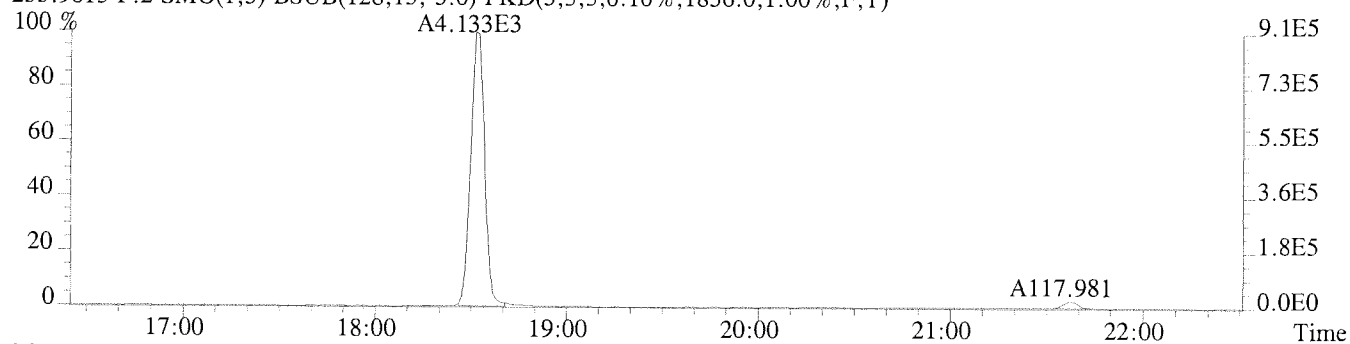
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



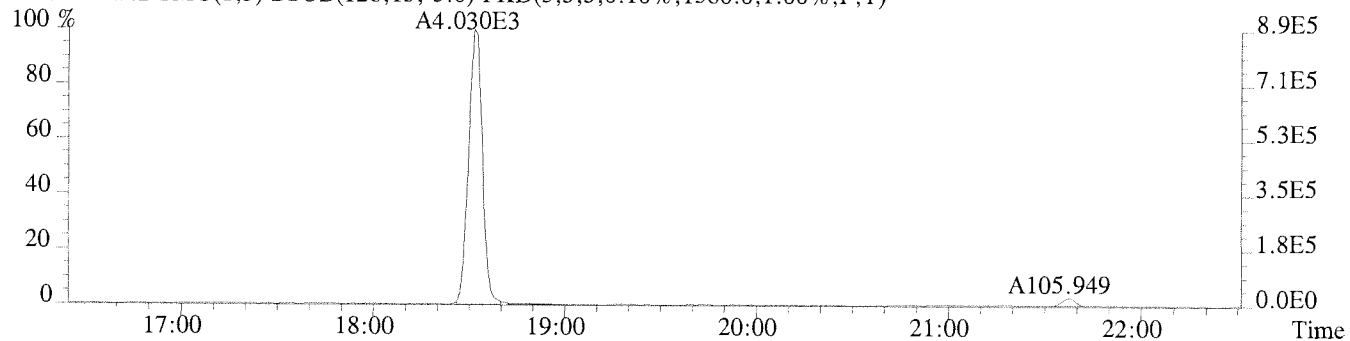
File:U224779 #1-337 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

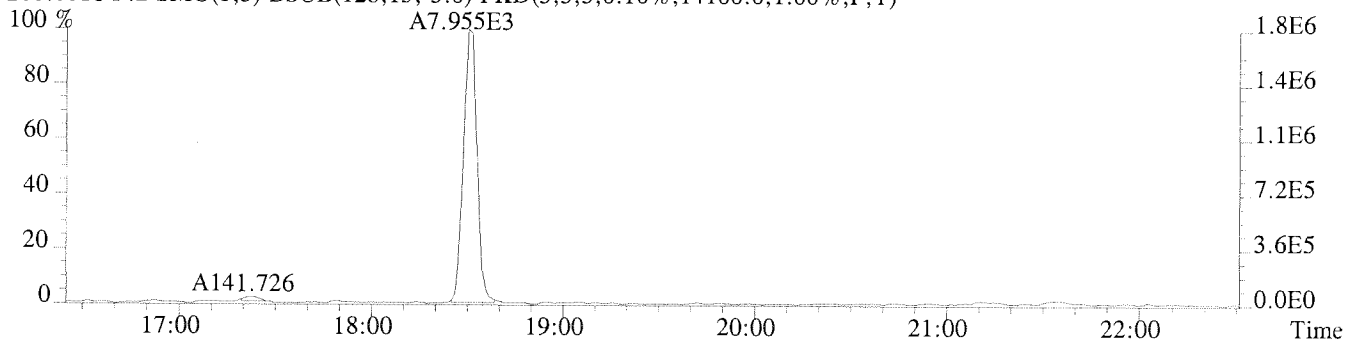
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1836.0,1.00%,F,T)



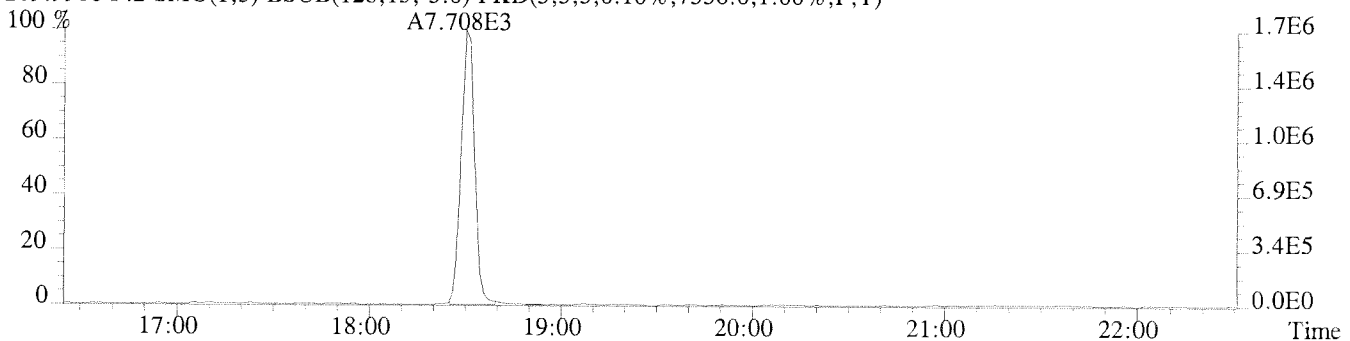
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1580.0,1.00%,F,T)



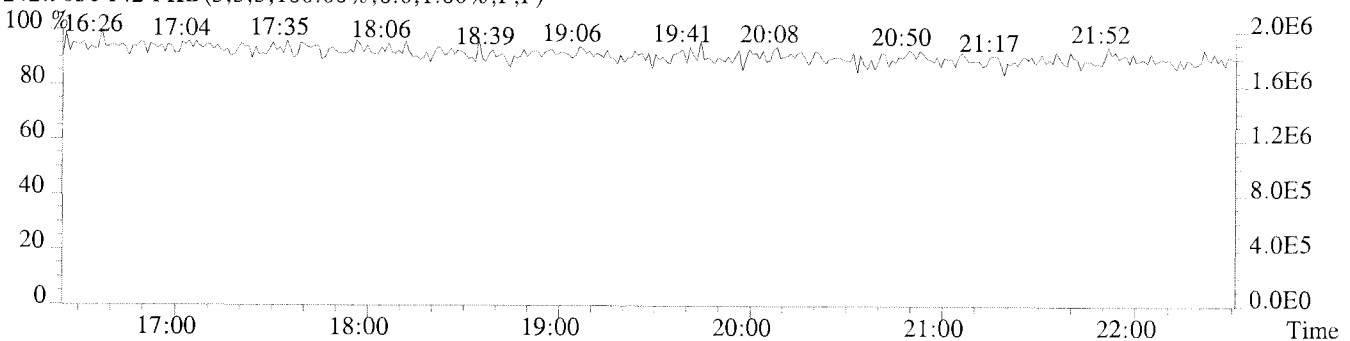
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14100.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7336.0,1.00%,F,T)

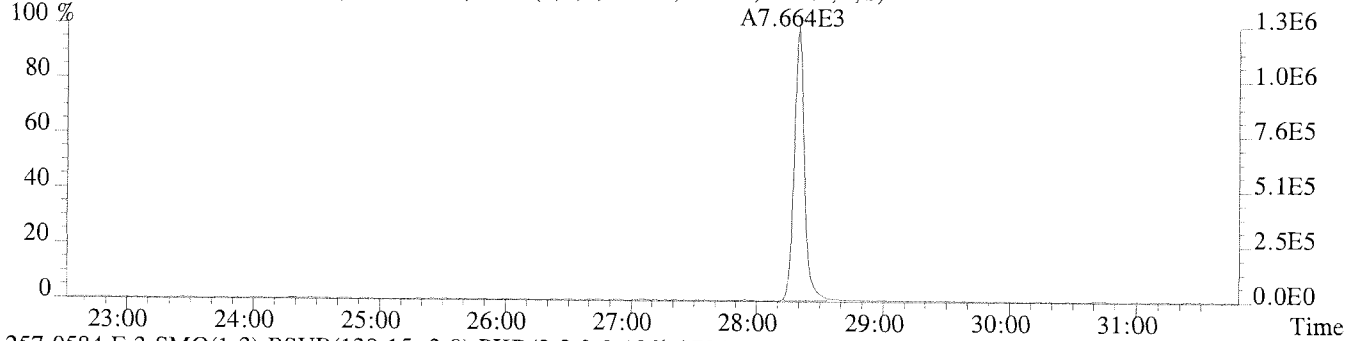


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

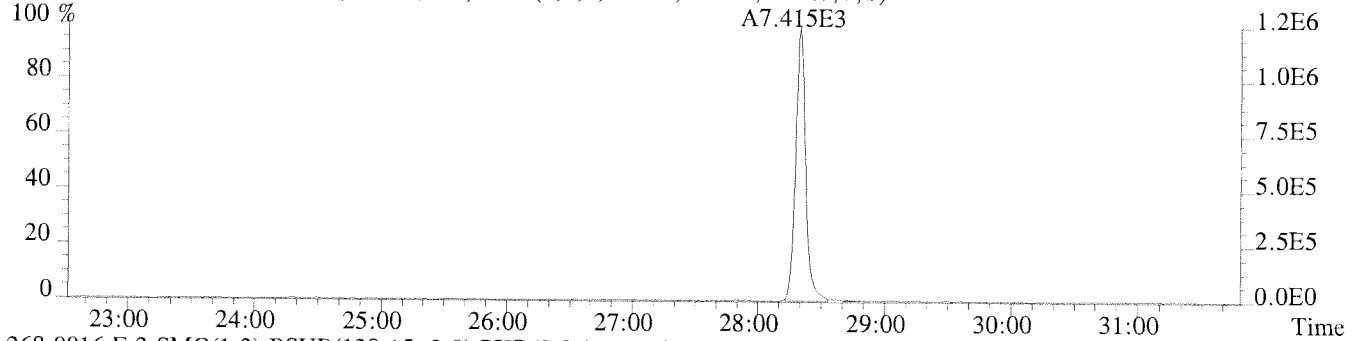


File:U224779 #1-594 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:CCAL CS3

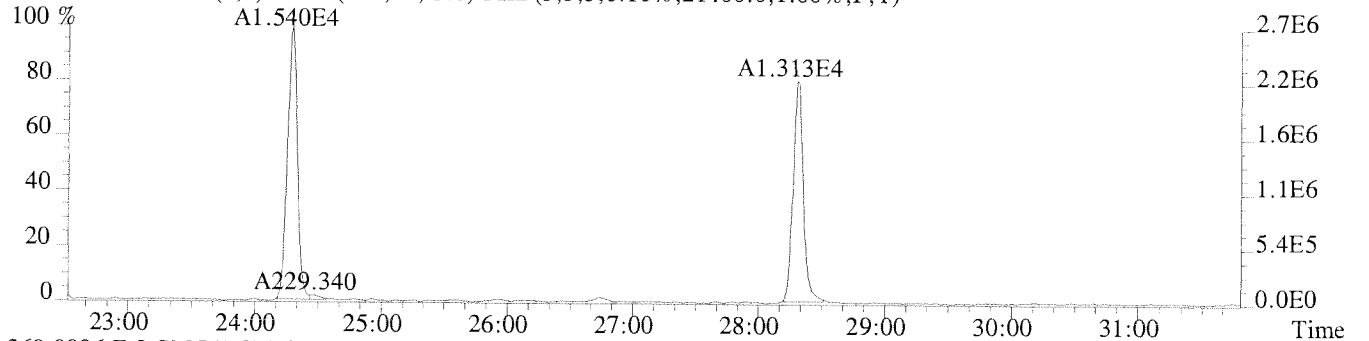
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1780.0,1.00%,F,T)



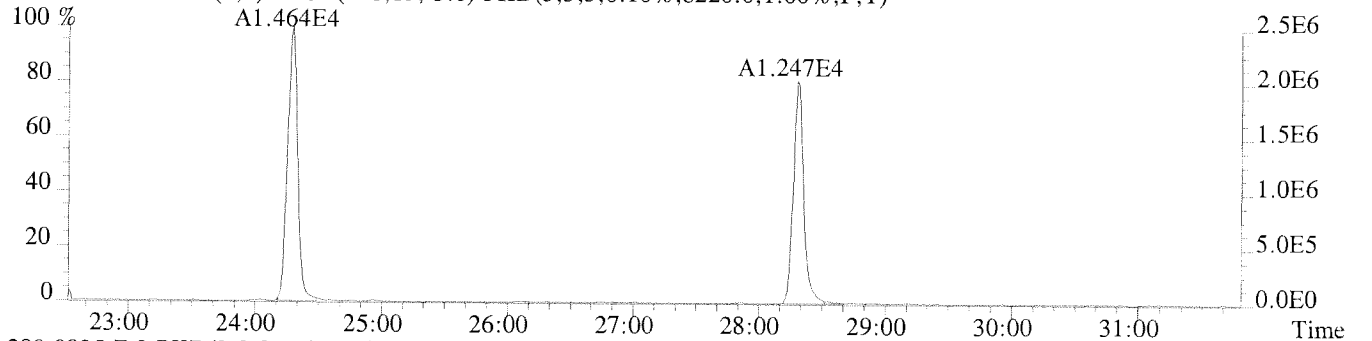
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2784.0,1.00%,F,T)



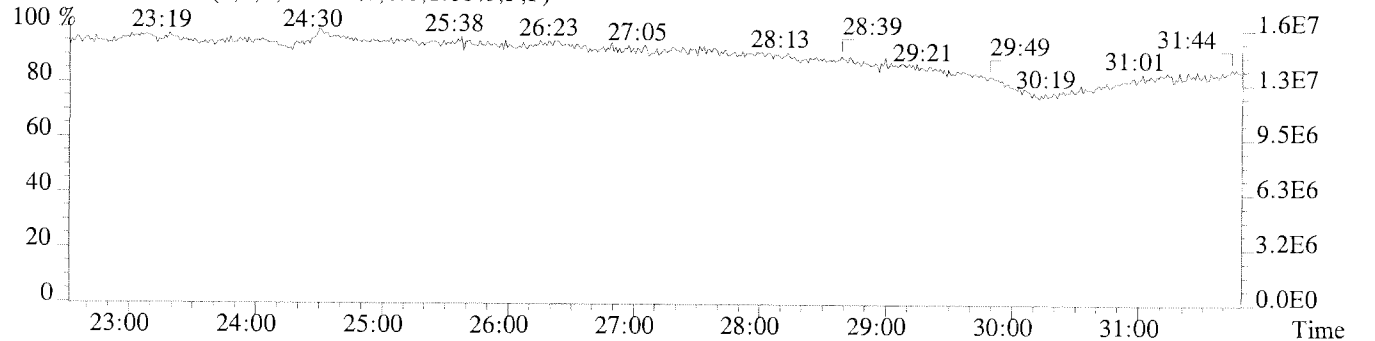
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,21400.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8220.0,1.00%,F,T)



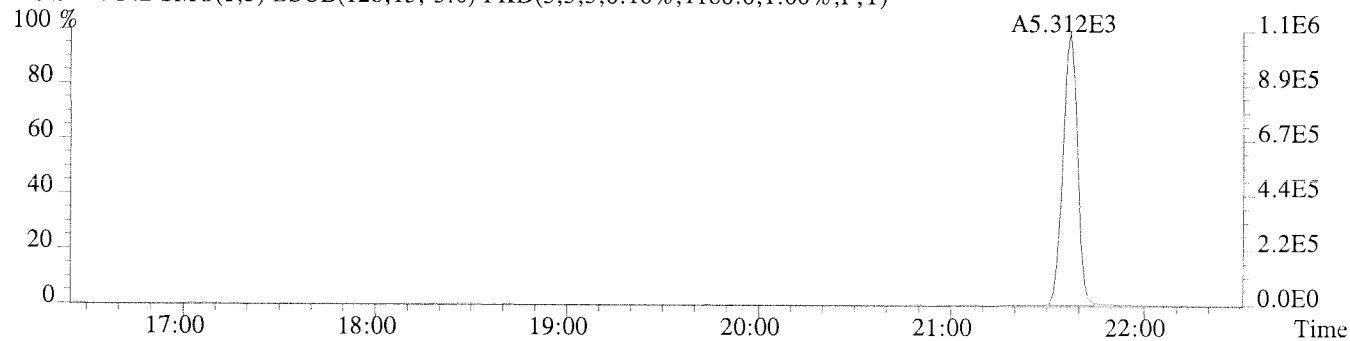
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



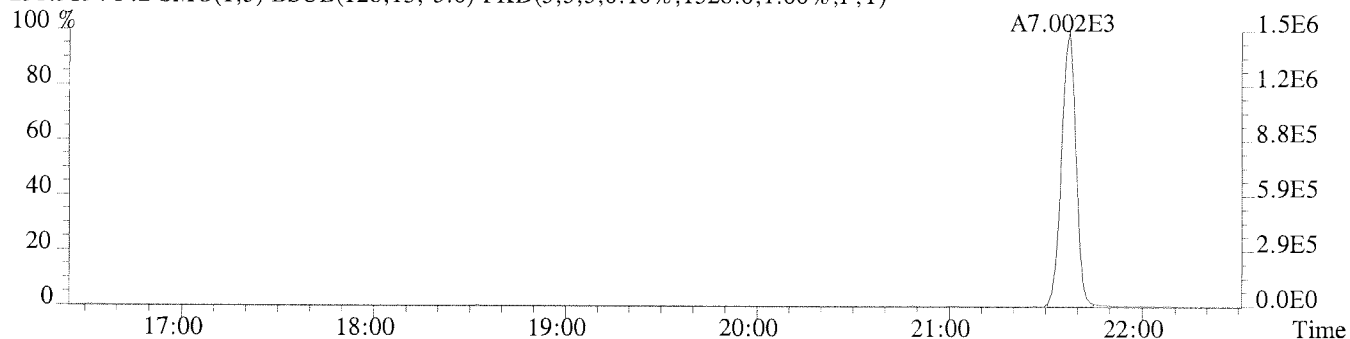
File:U224779 #1-337 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

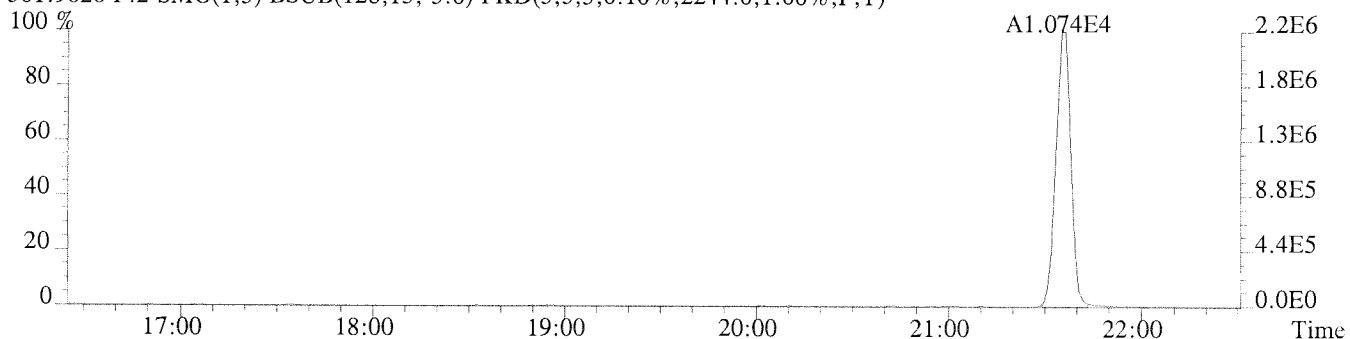
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1180.0,1.00%,F,T)



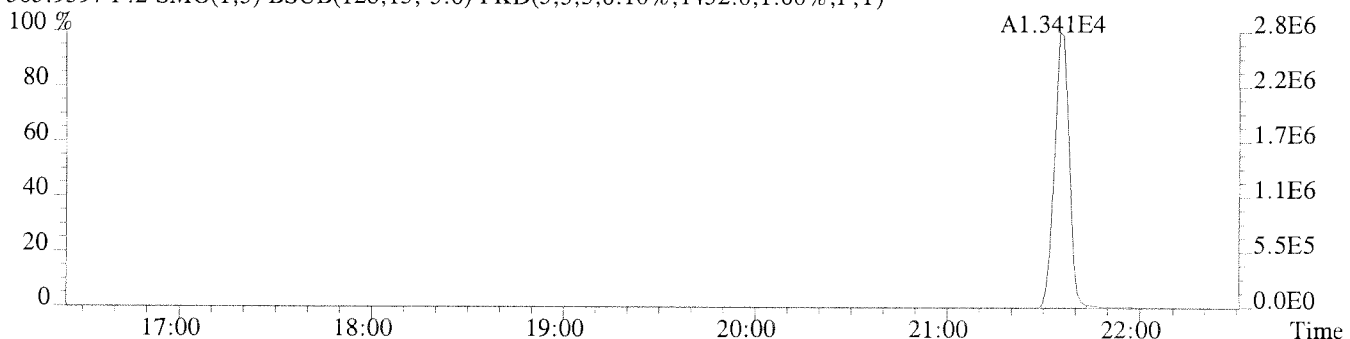
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1328.0,1.00%,F,T)



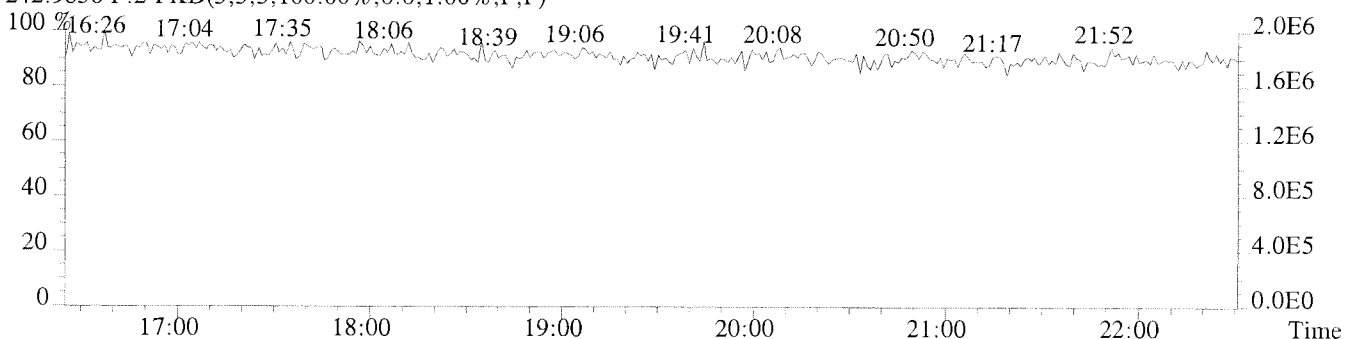
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2244.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1432.0,1.00%,F,T)



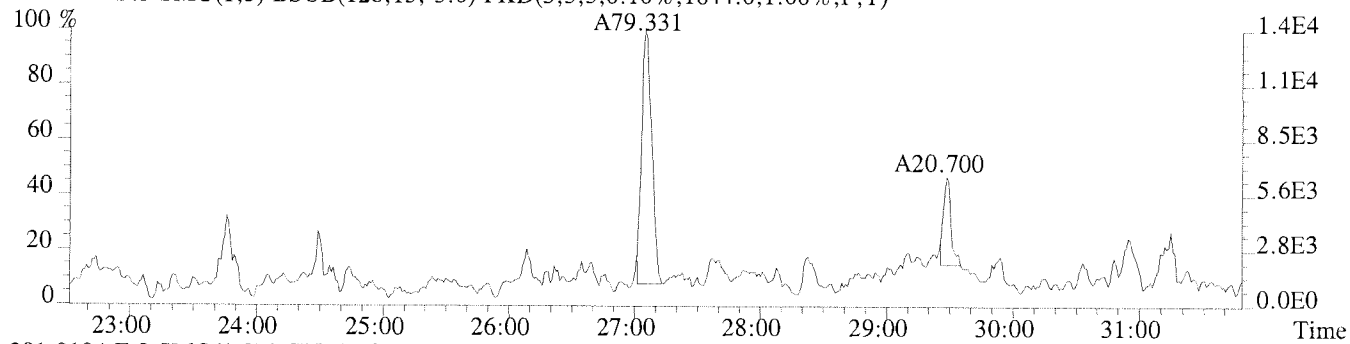
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



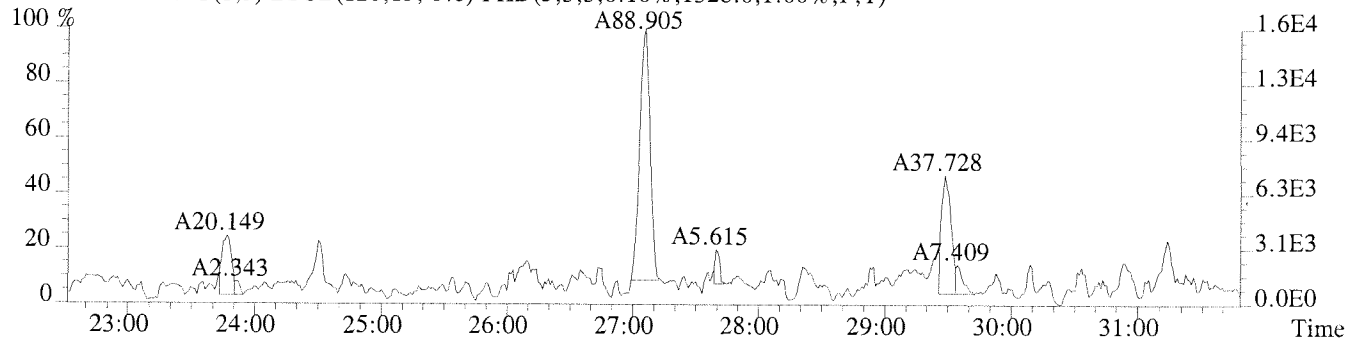
File:U224779 #1-594 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

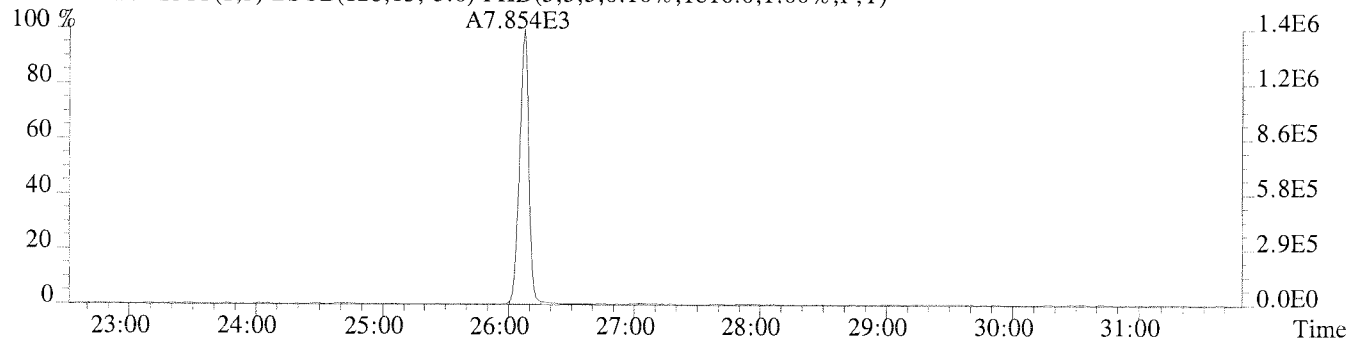
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1644.0,1.00%,F,T)



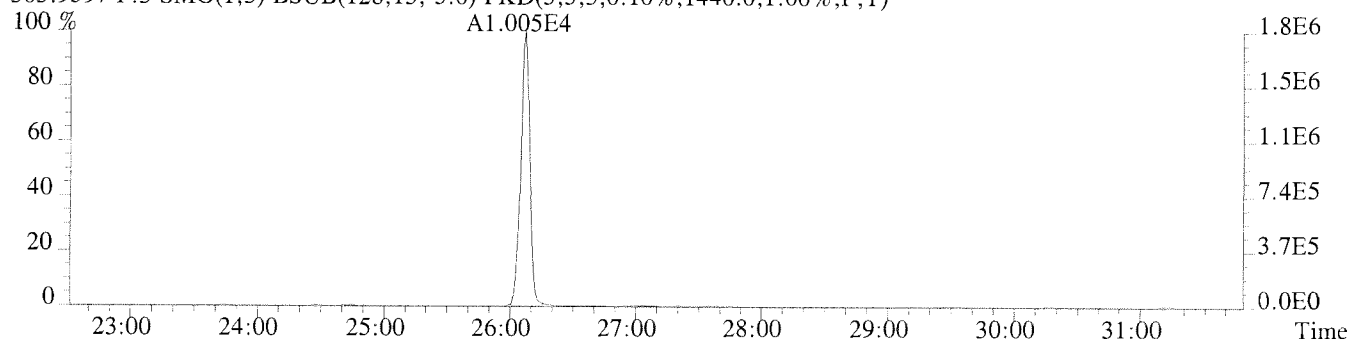
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1328.0,1.00%,F,T)



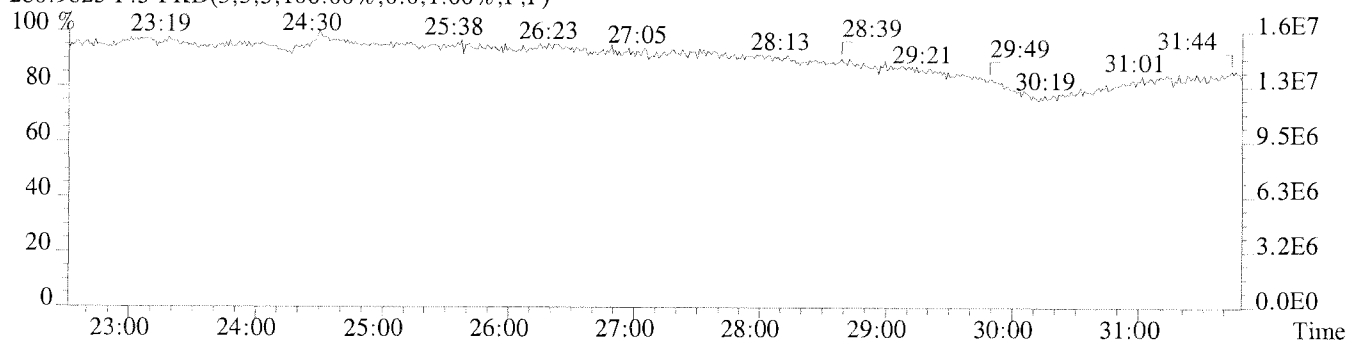
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1816.0,1.00%,F,T)



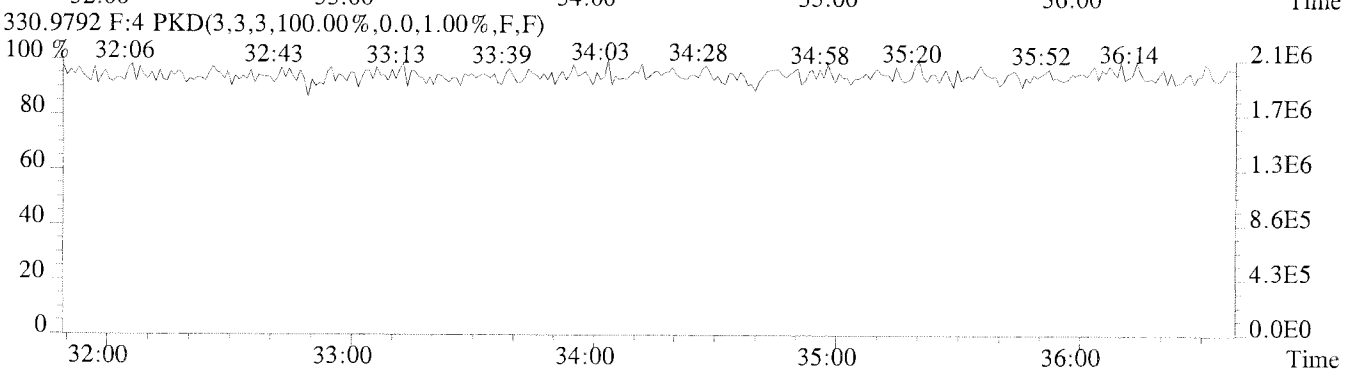
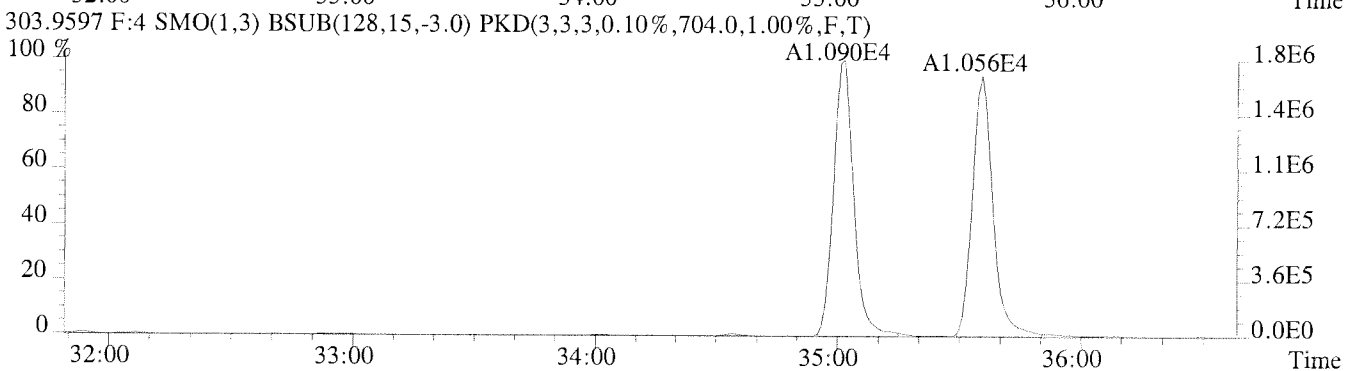
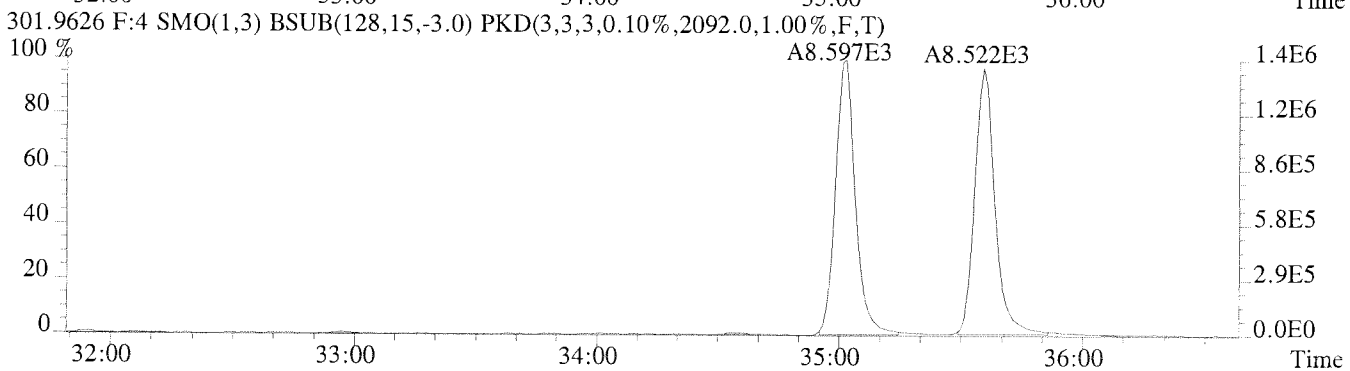
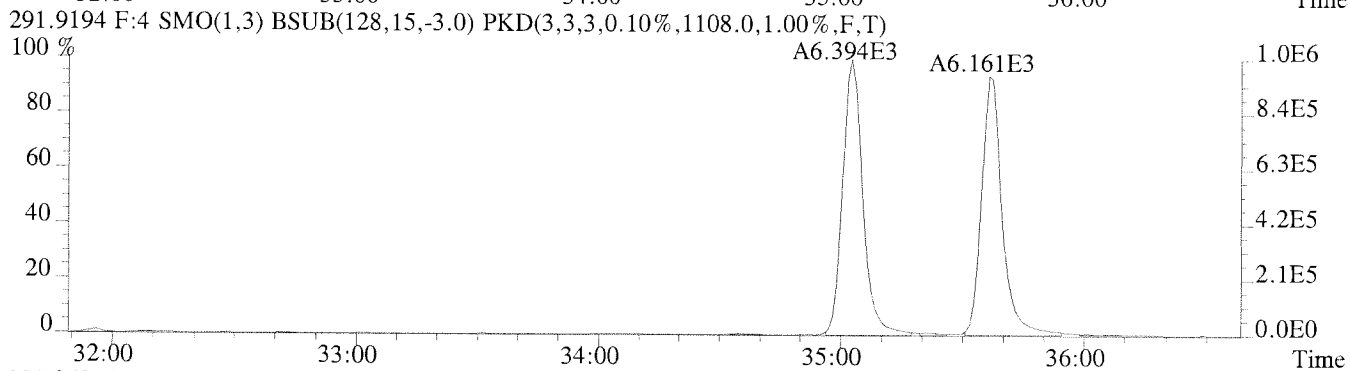
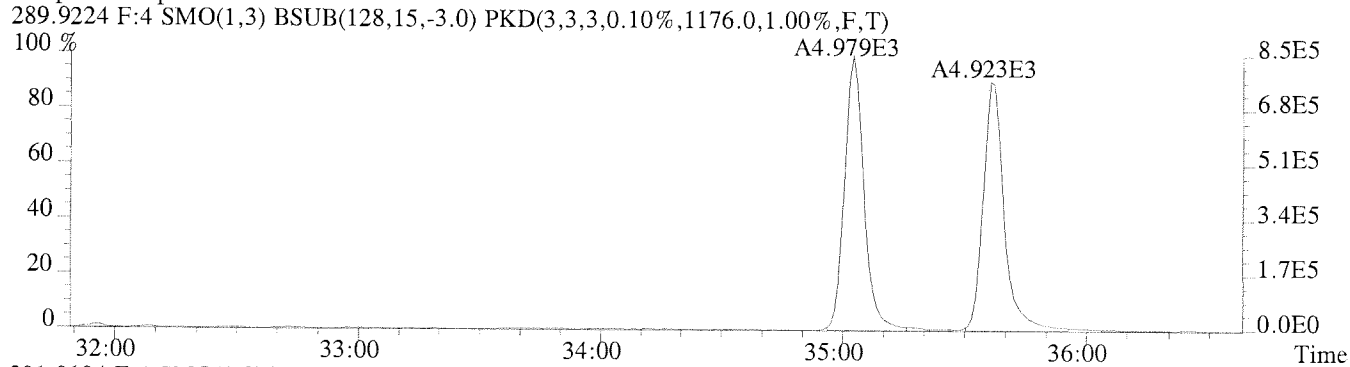
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1440.0,1.00%,F,T)



280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



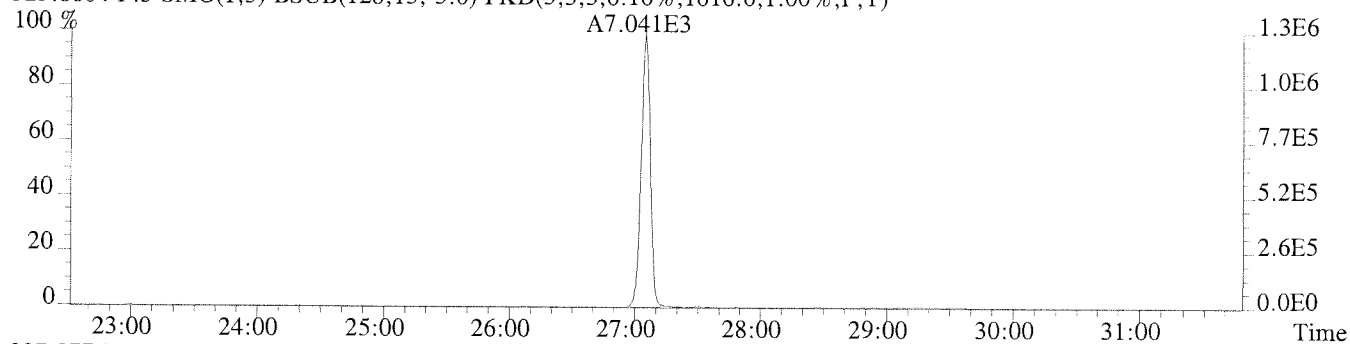
File:U224779 #1-309 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:CCAL CS3



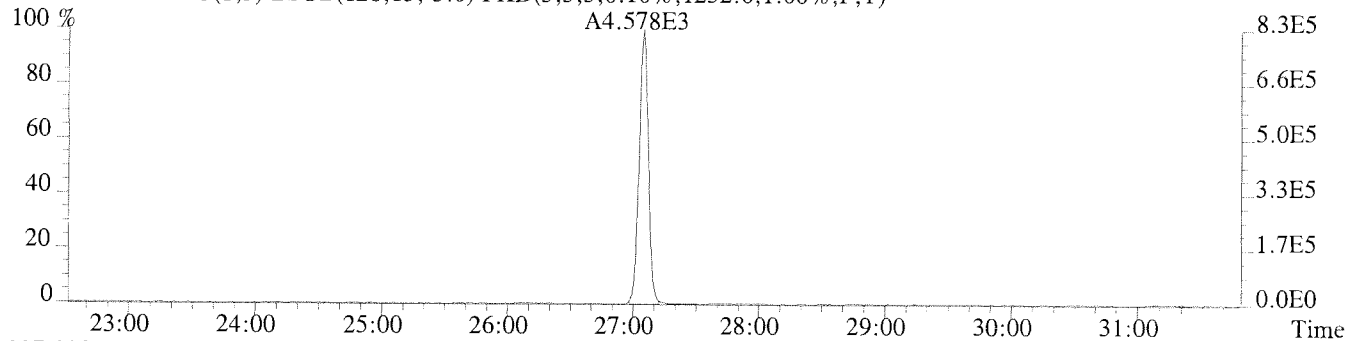
File:U224779 #1-594 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

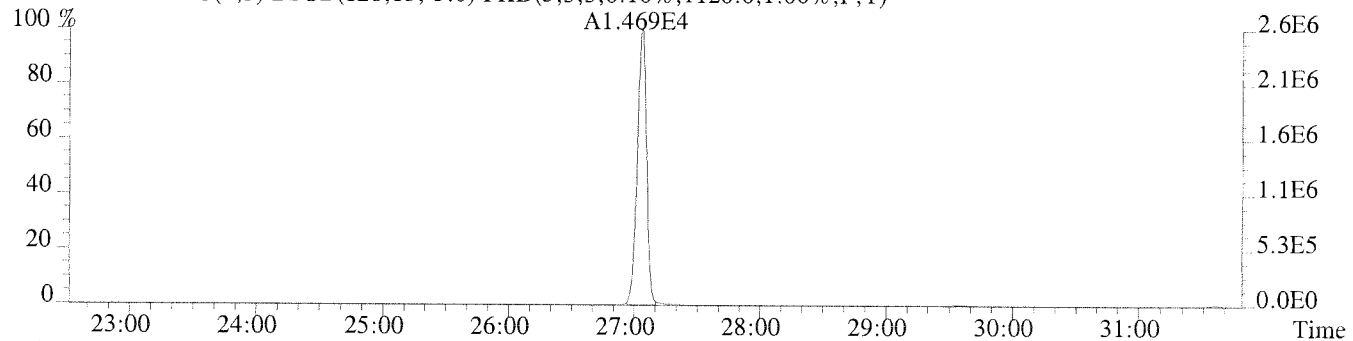
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1016.0,1.00%,F,T)



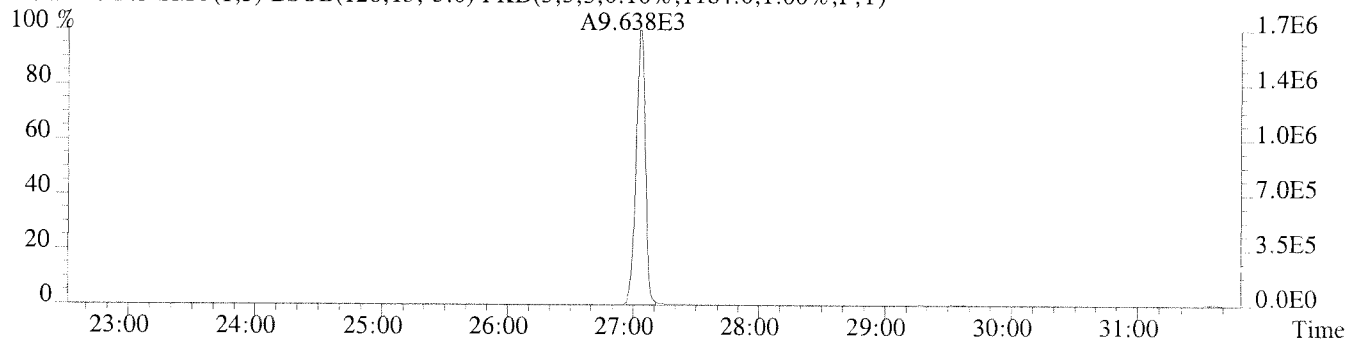
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1232.0,1.00%,F,T)



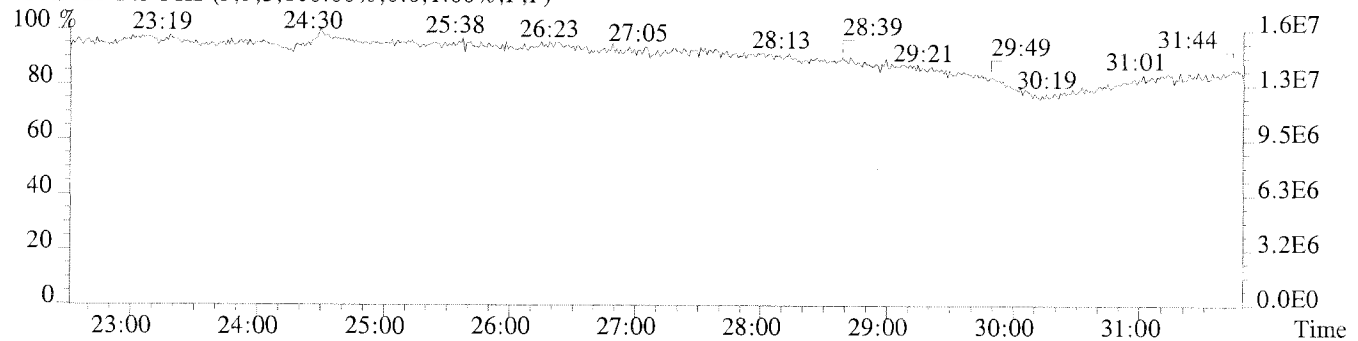
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1120.0,1.00%,F,T)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)



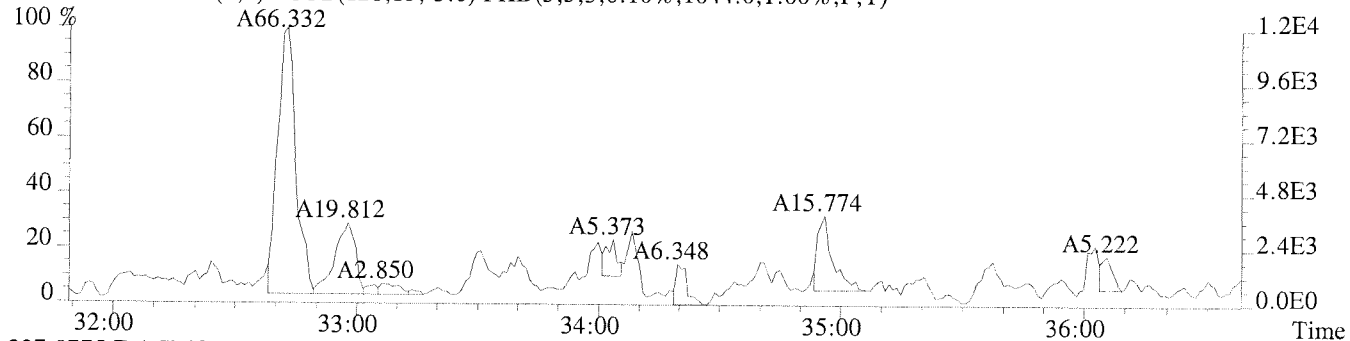
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



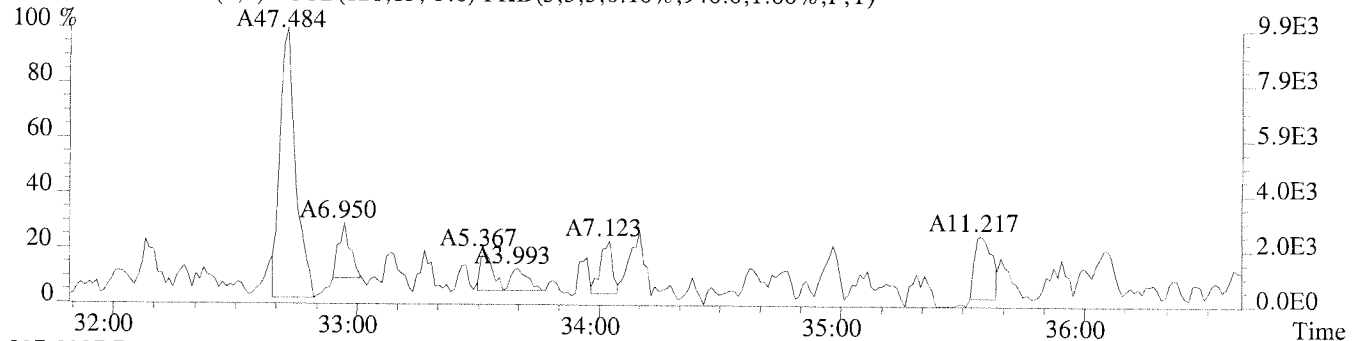
File:U224779 #1-309 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

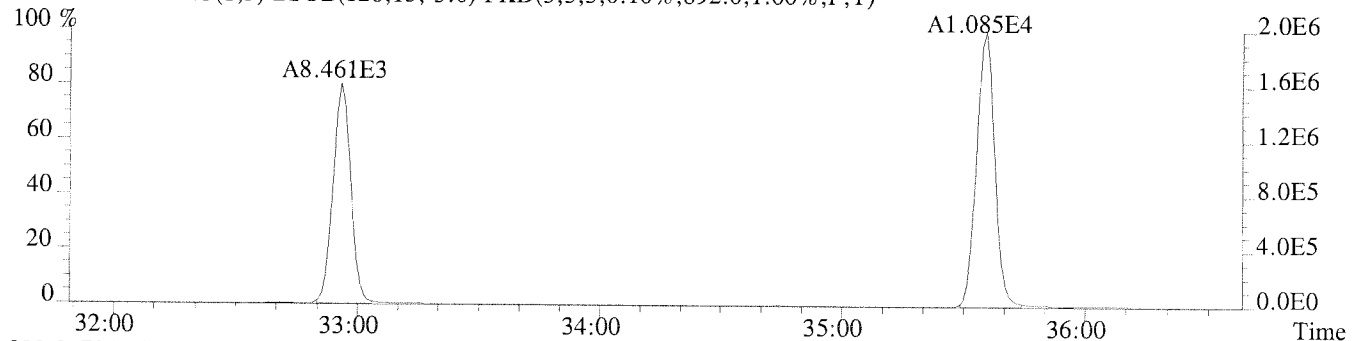
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1044.0,1.00%,F,T)



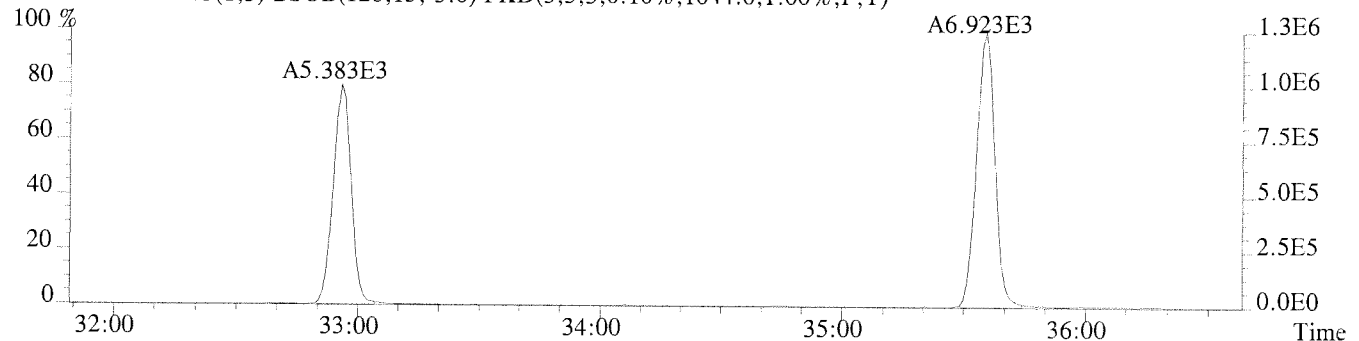
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,940.0,1.00%,F,T)



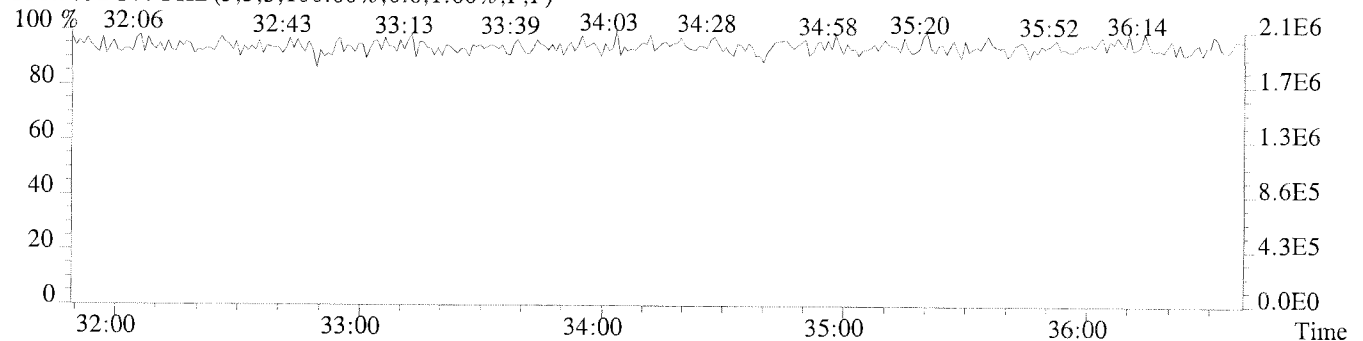
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,T)



339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1044.0,1.00%,F,T)



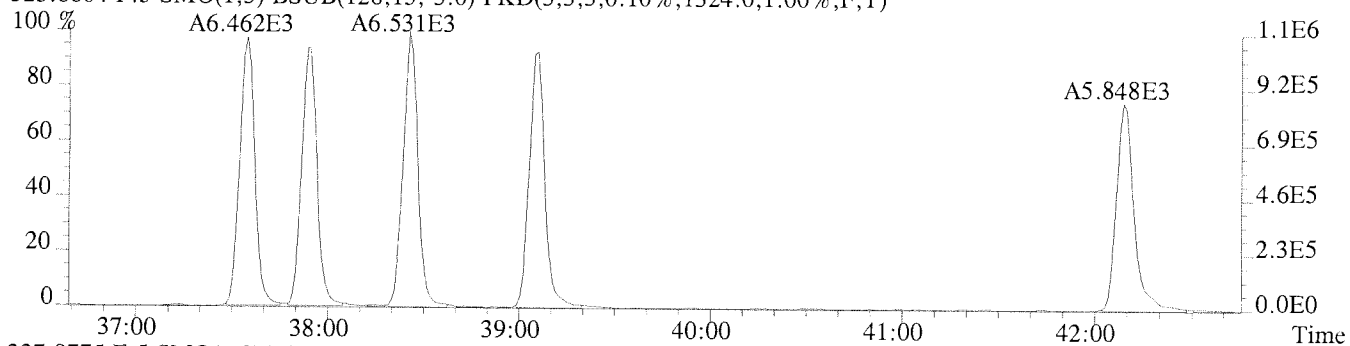
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



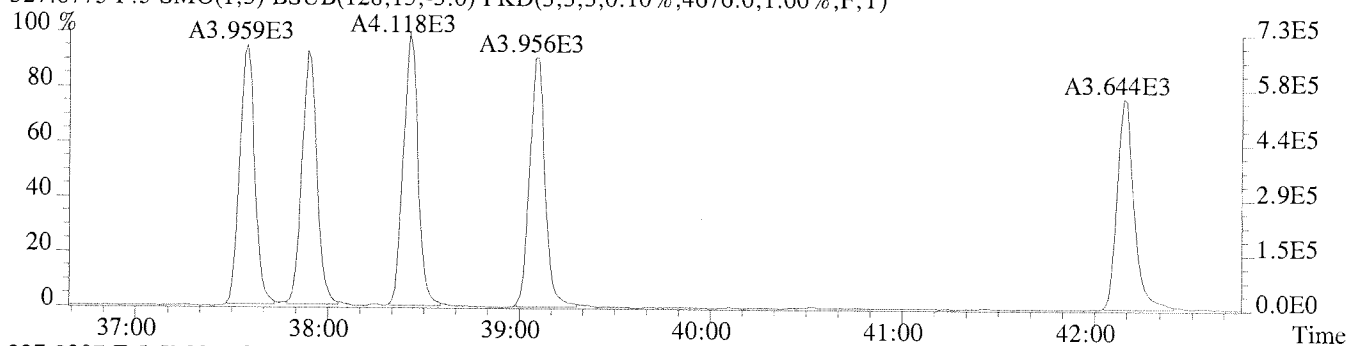
File:U224779 #1-391 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

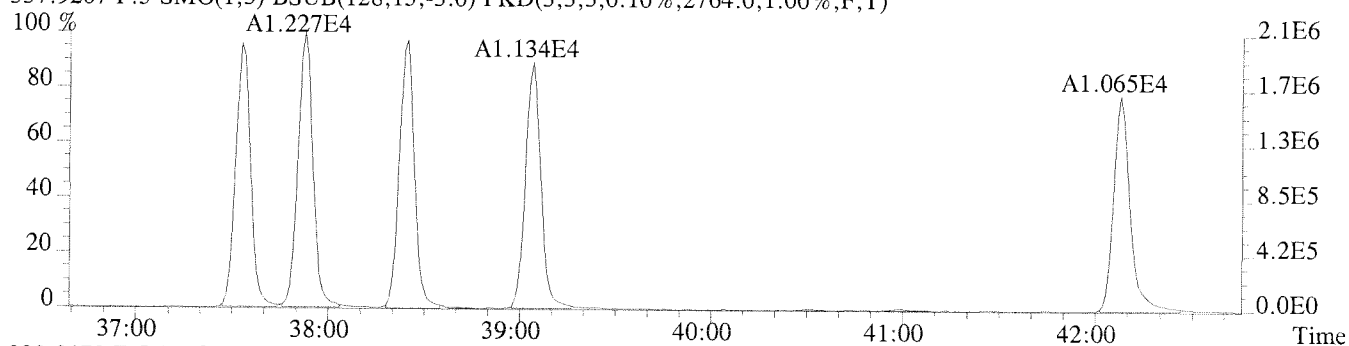
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1324.0,1.00%,F,T)



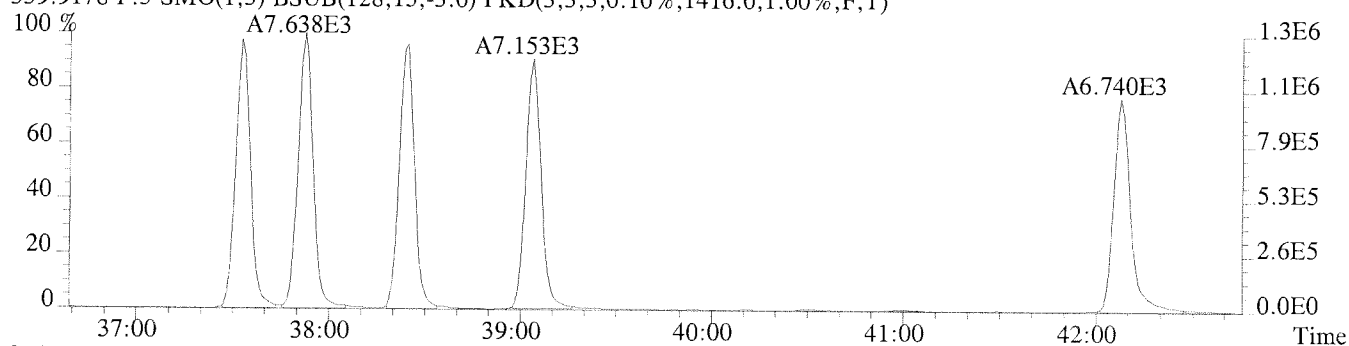
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4676.0,1.00%,F,T)



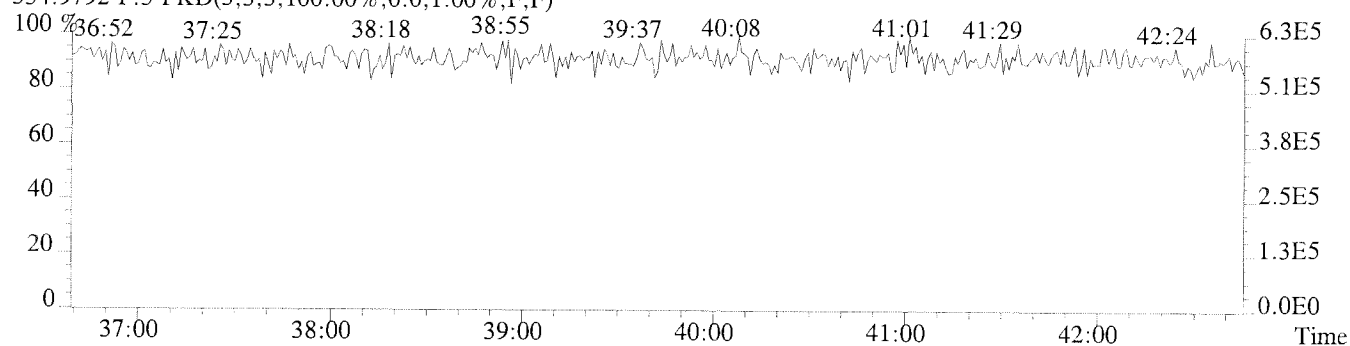
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2764.0,1.00%,F,T)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1416.0,1.00%,F,T)



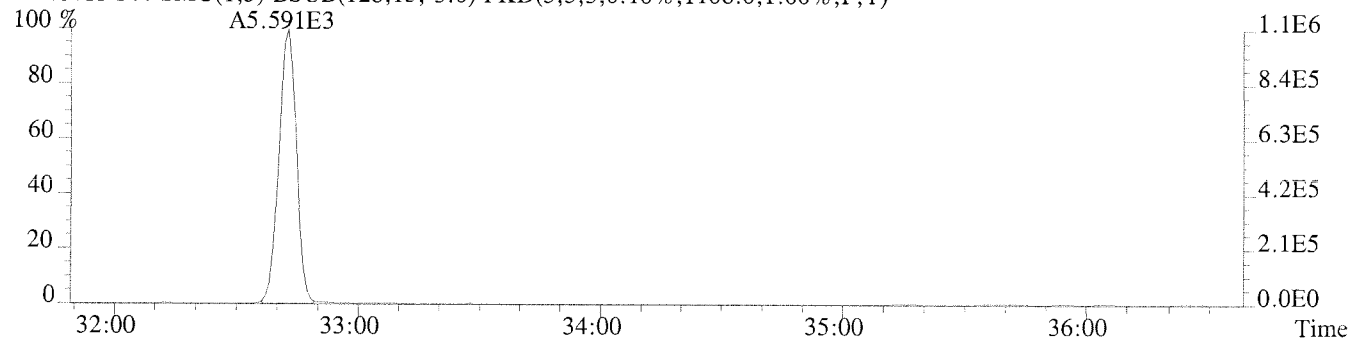
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



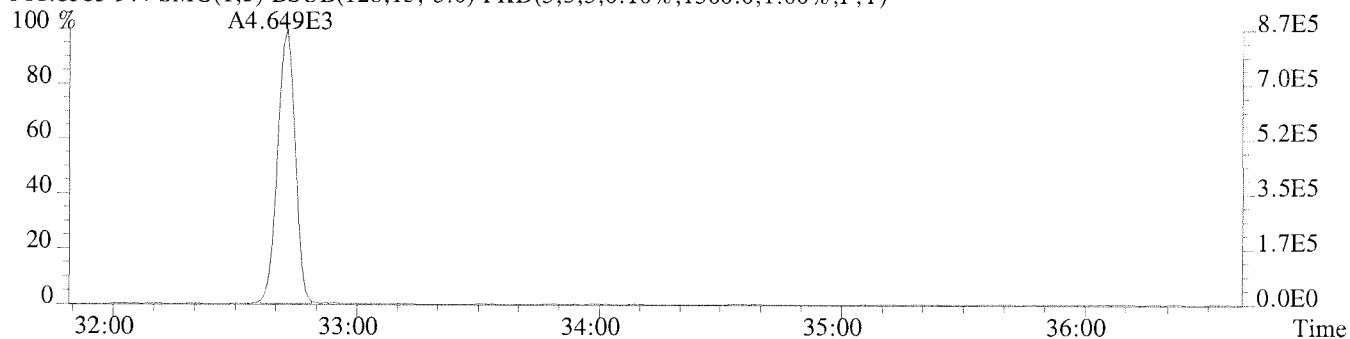
File:U224779 #1-309 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

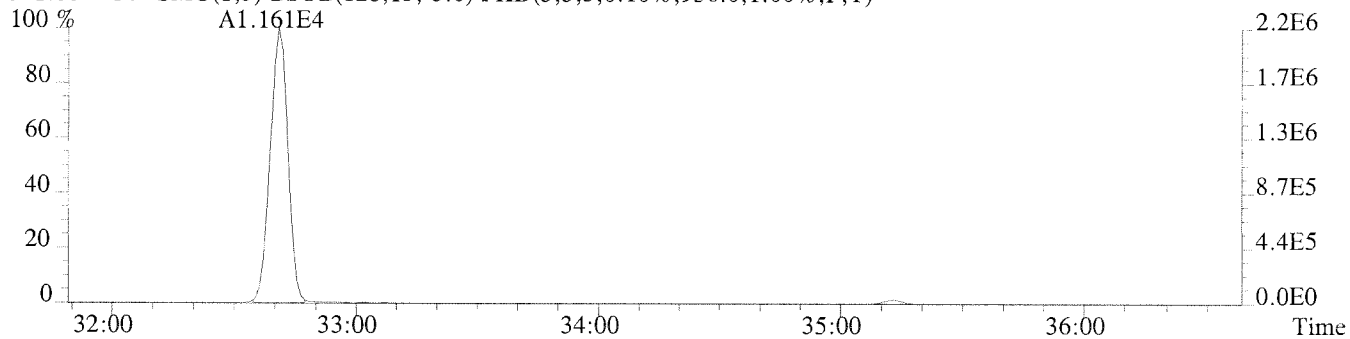
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1108.0,1.00%,F,T)



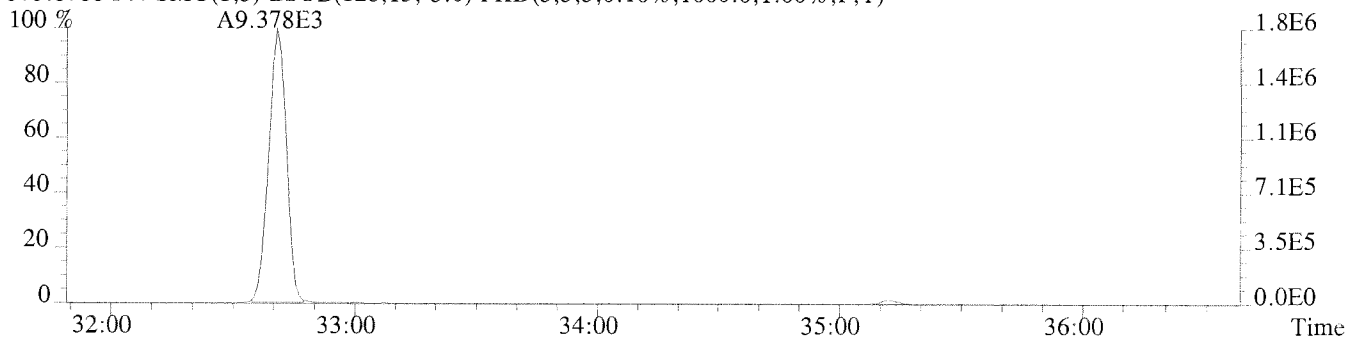
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1300.0,1.00%,F,T)



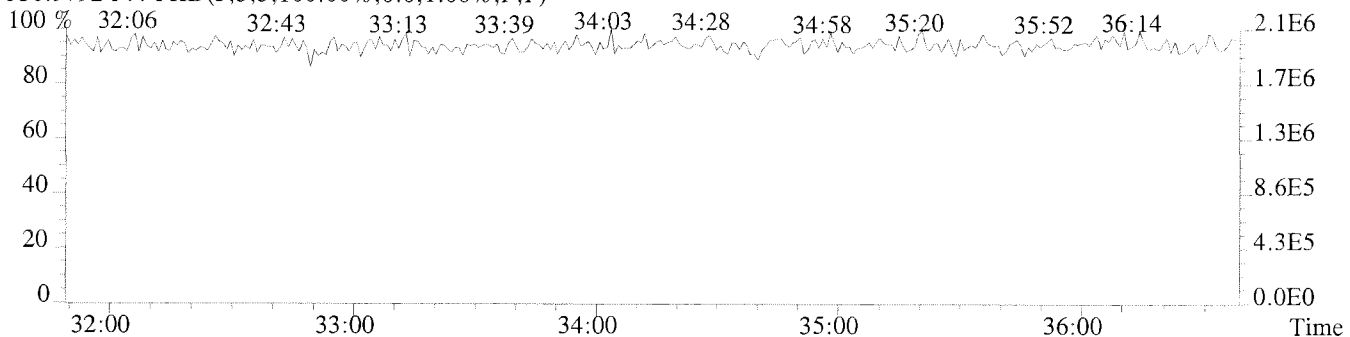
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,956.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1000.0,1.00%,F,T)



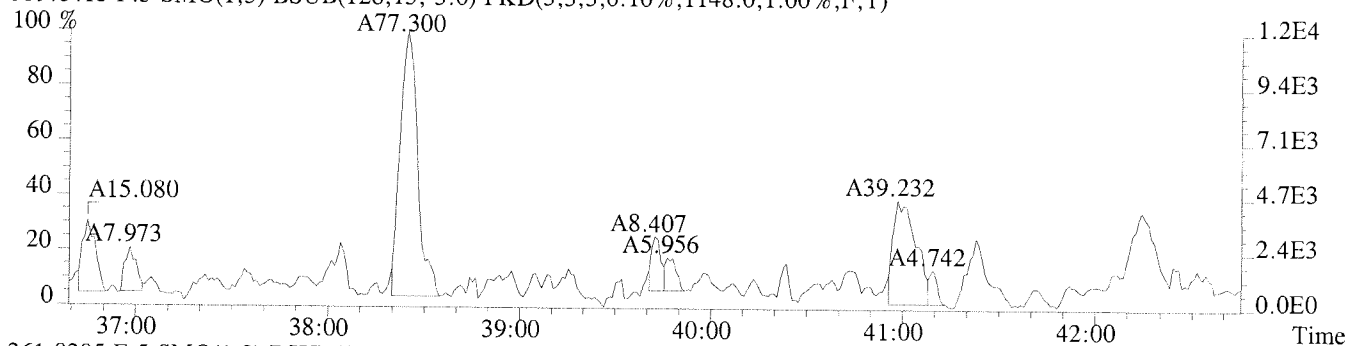
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



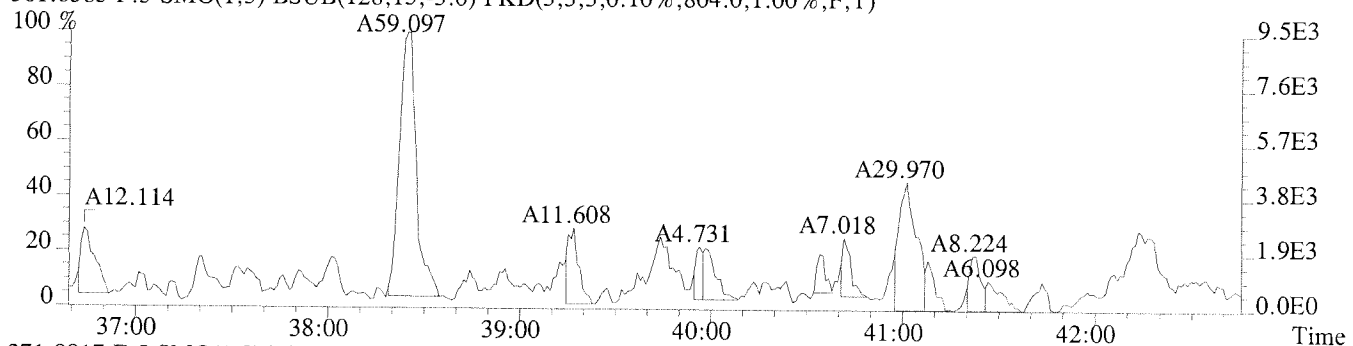
File:U224779 #1-391 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

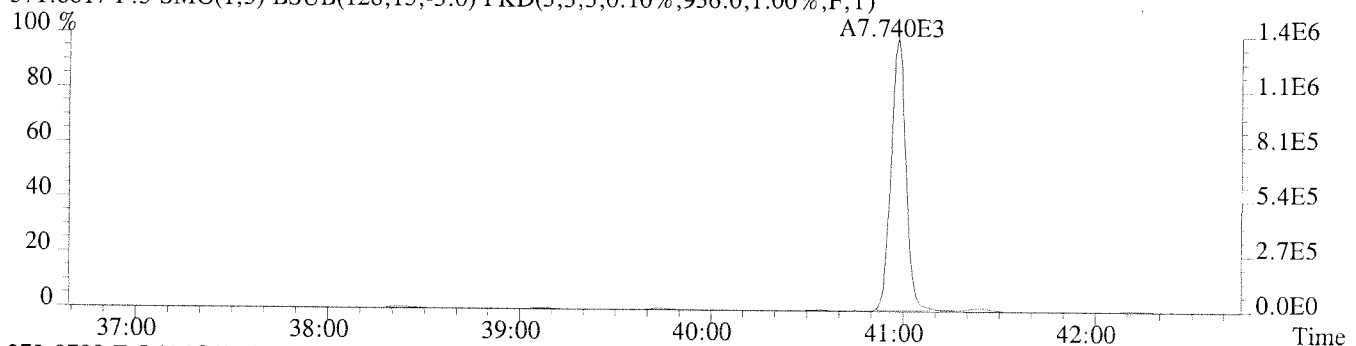
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1148.0,1.00%,F,T)



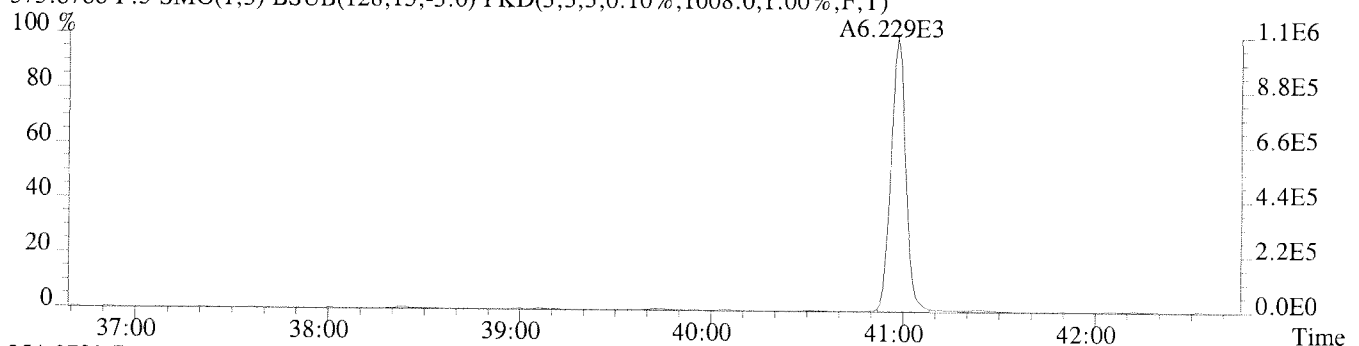
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,804.0,1.00%,F,T)



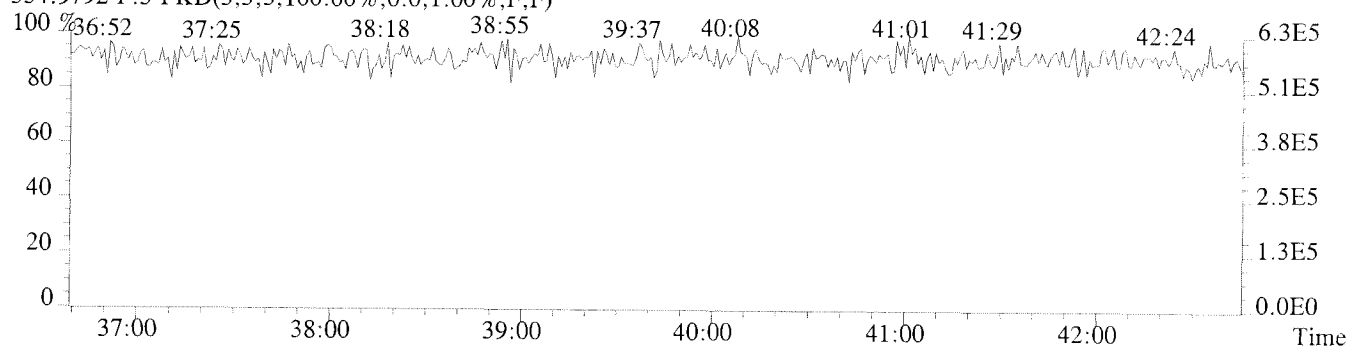
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,936.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1008.0,1.00%,F,T)



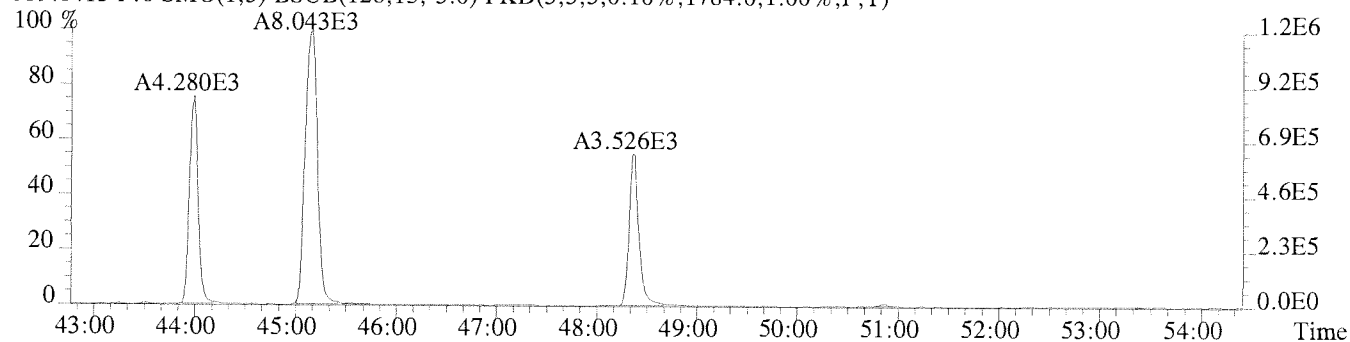
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



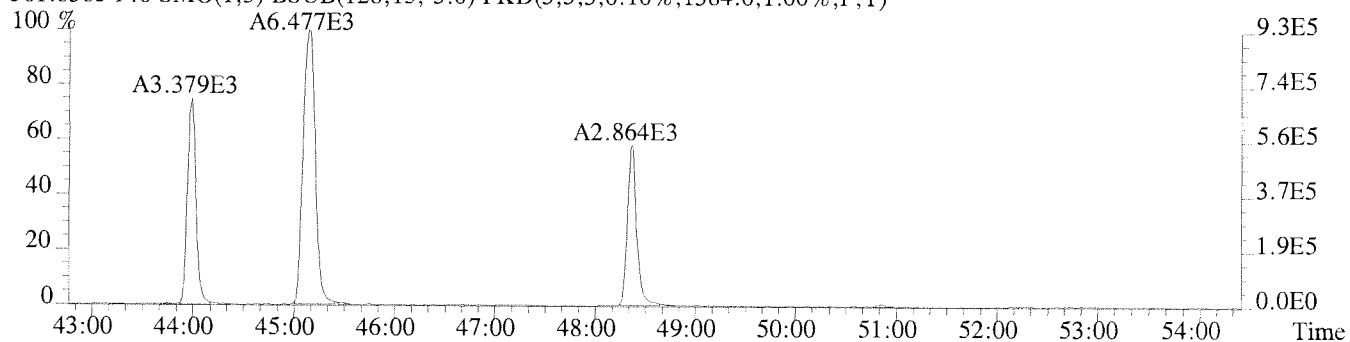
File:U224779 #1-577 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

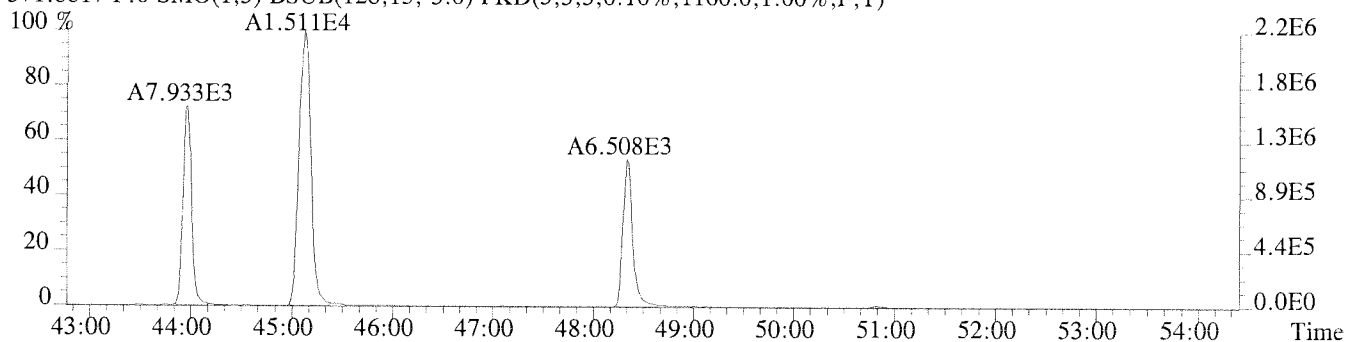
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1784.0,1.00%,F,T)



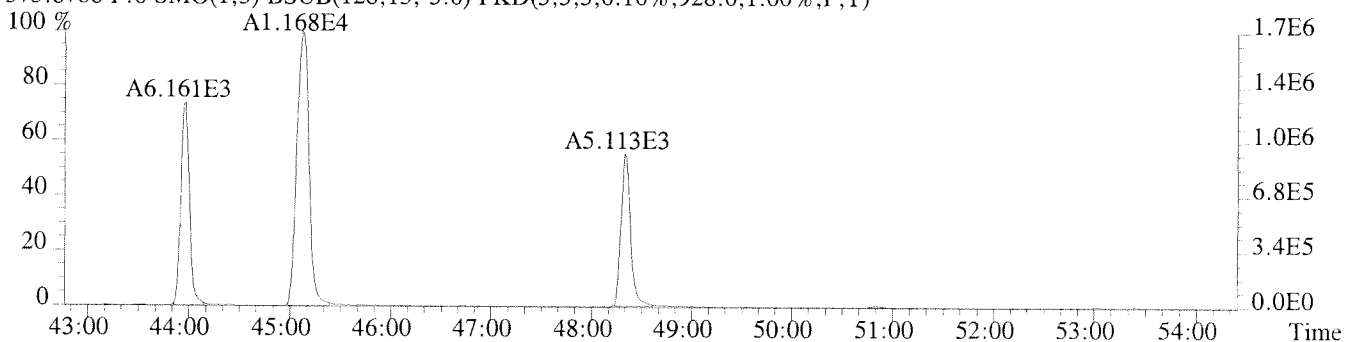
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1384.0,1.00%,F,T)



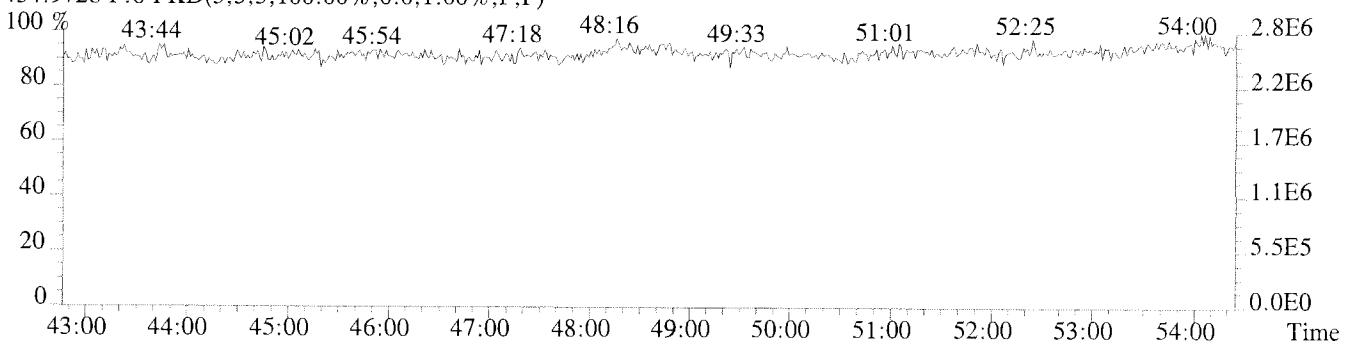
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1160.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,928.0,1.00%,F,T)



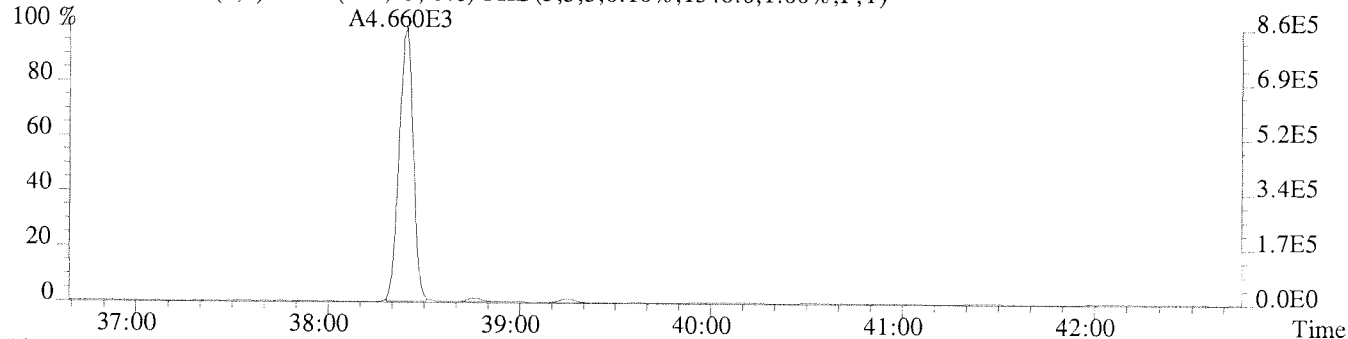
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



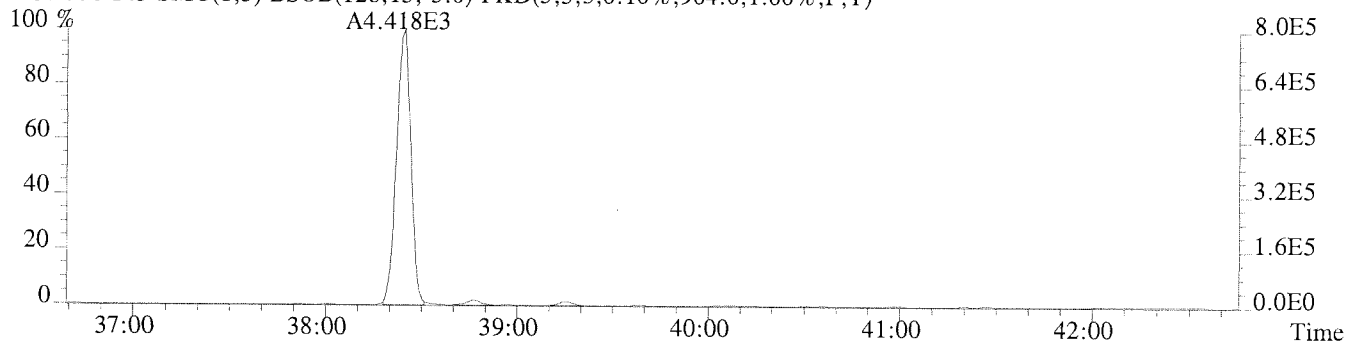
File:U224779 #1-391 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

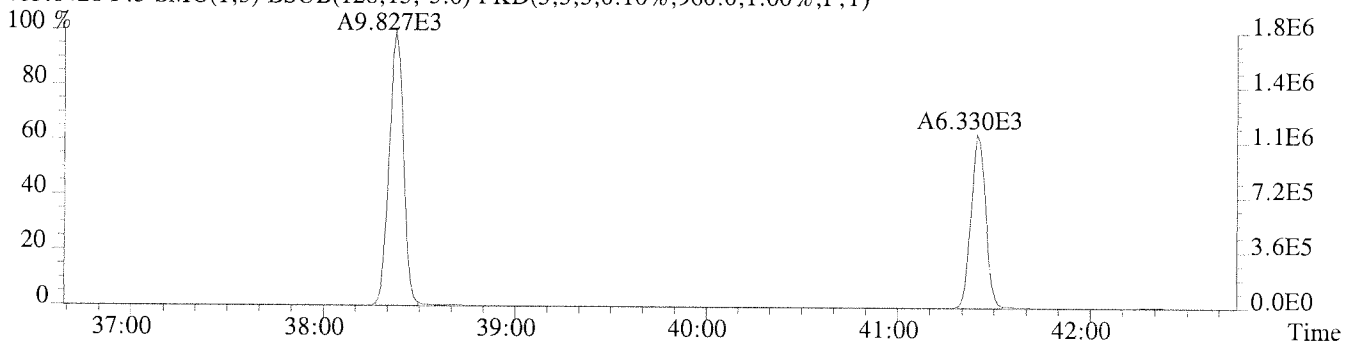
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1348.0,1.00%,F,T)



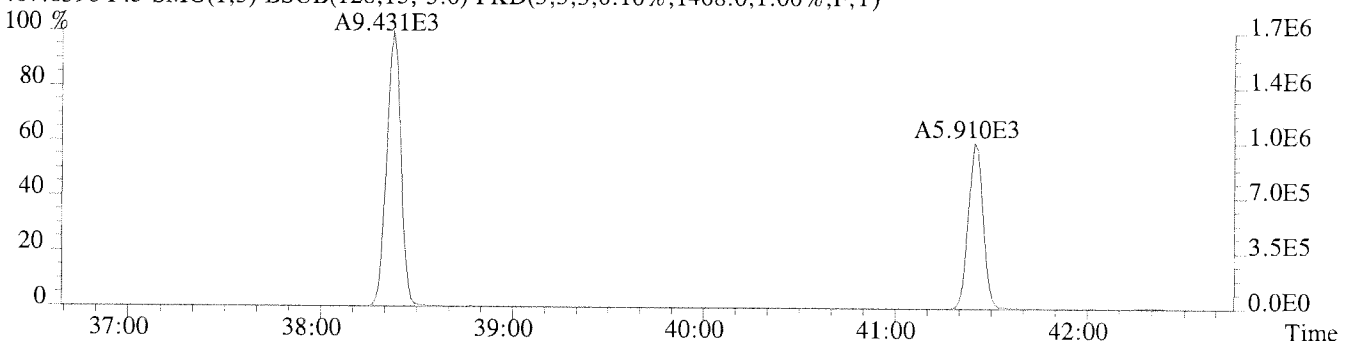
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,904.0,1.00%,F,T)



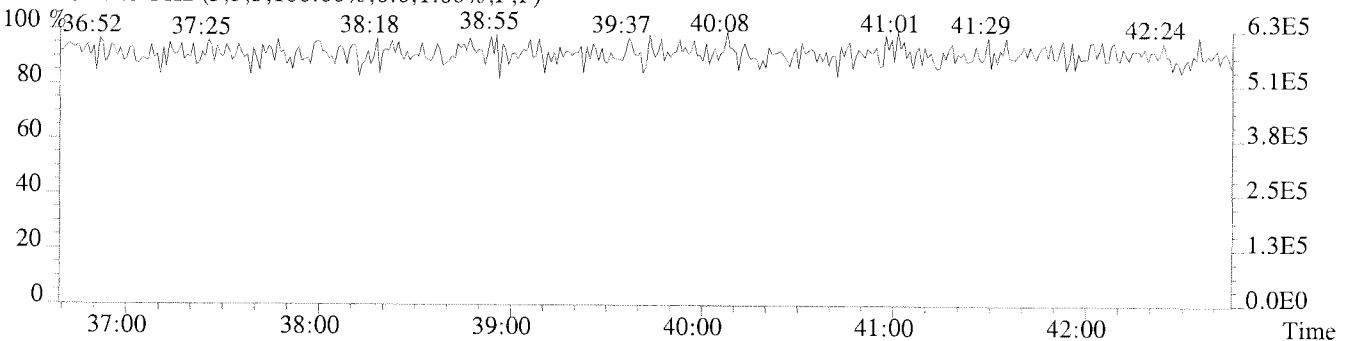
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,960.0,1.00%,F,T)



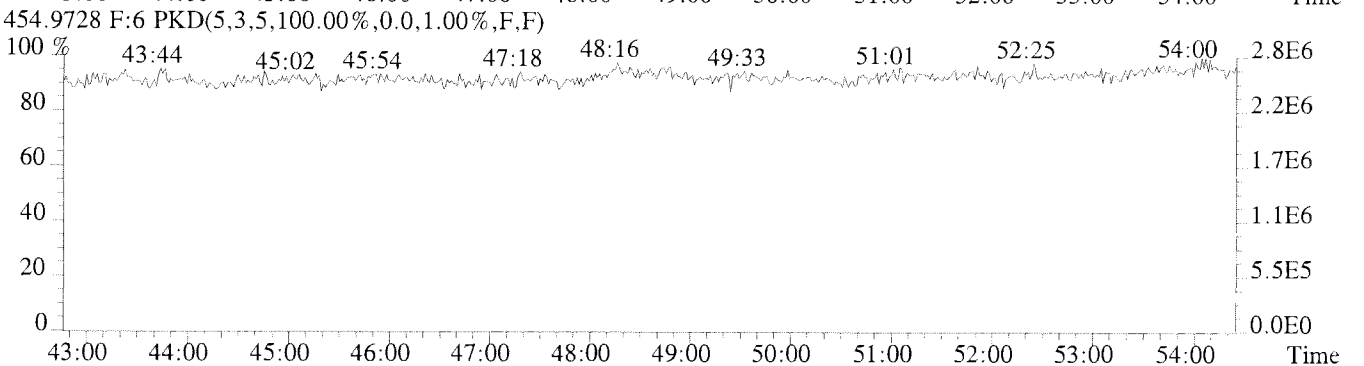
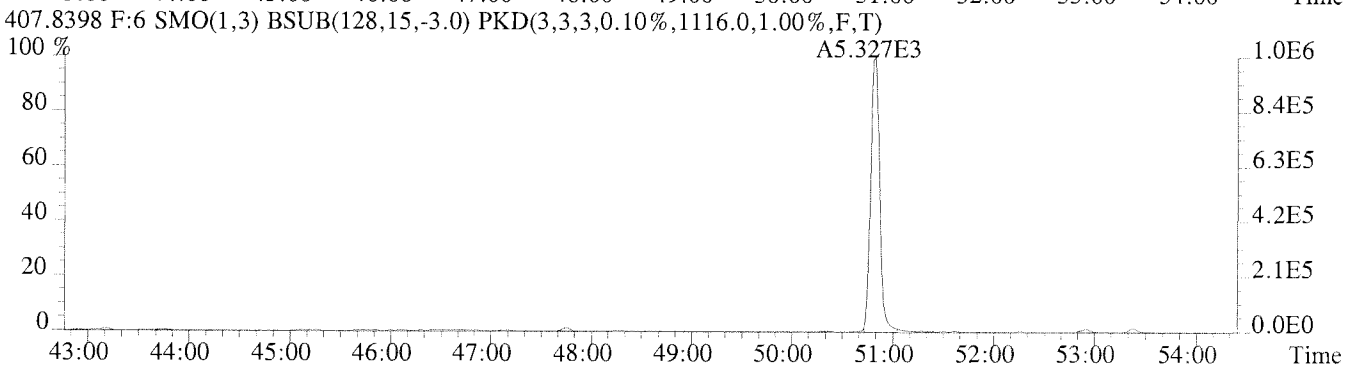
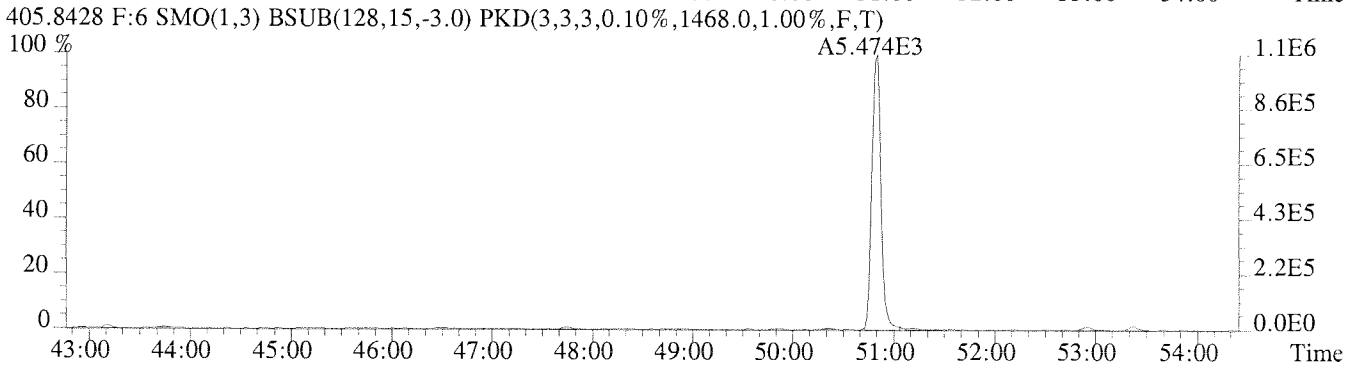
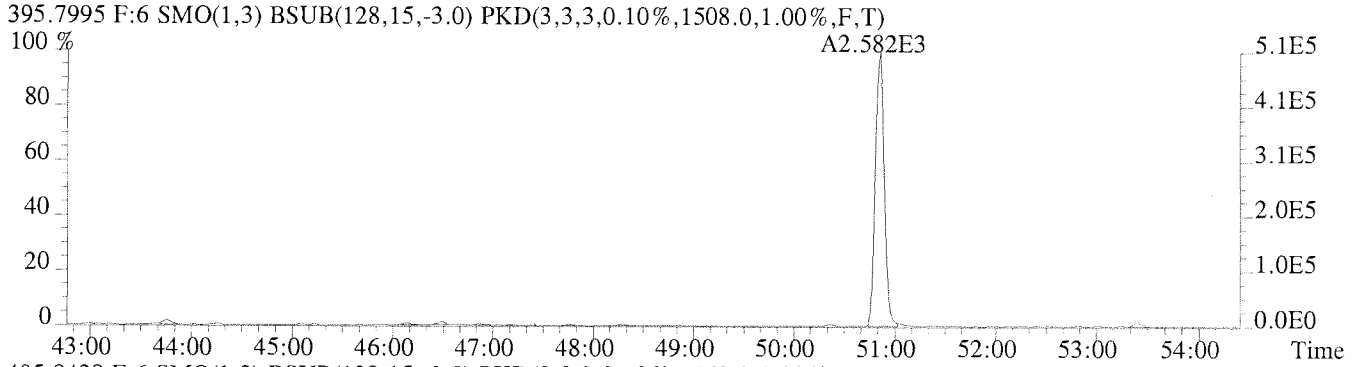
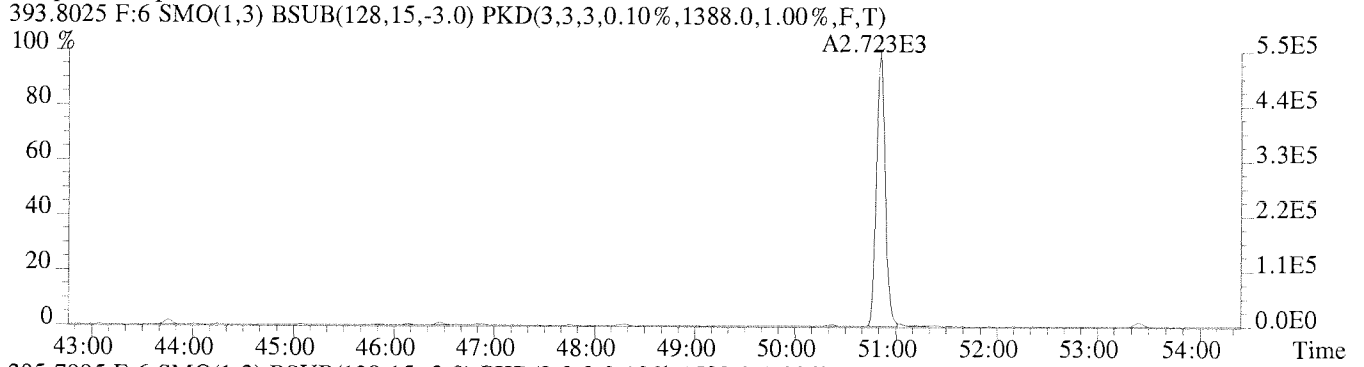
407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1468.0,1.00%,F,T)



354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

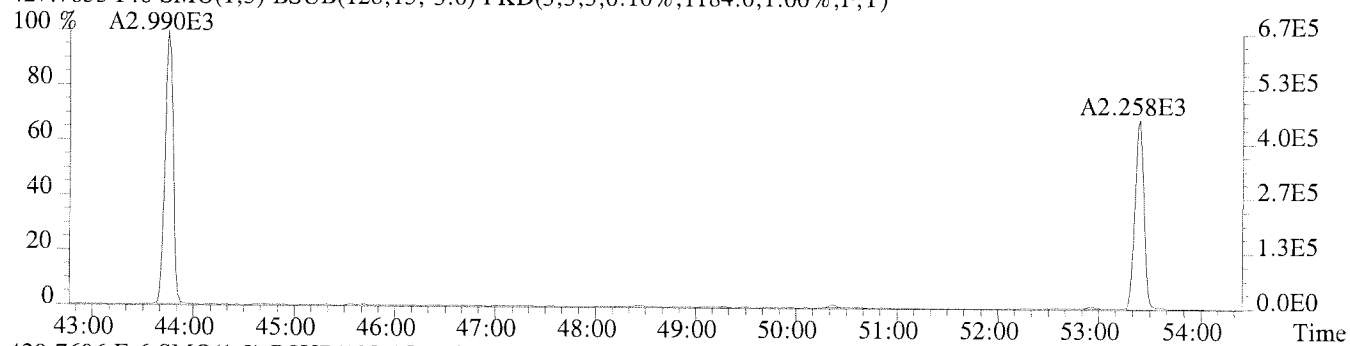


File:U224779 #1-577 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:CCAL CS3

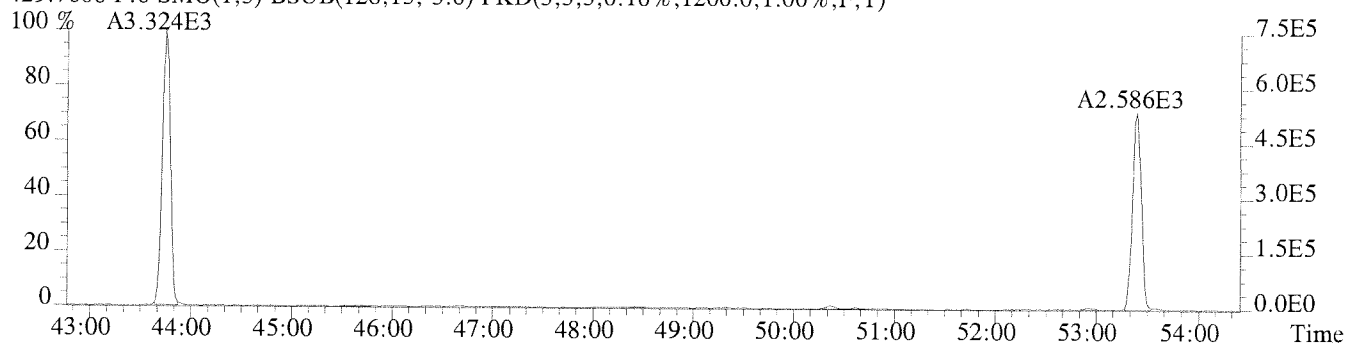


File:U224779 #1-577 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:CCAL CS3

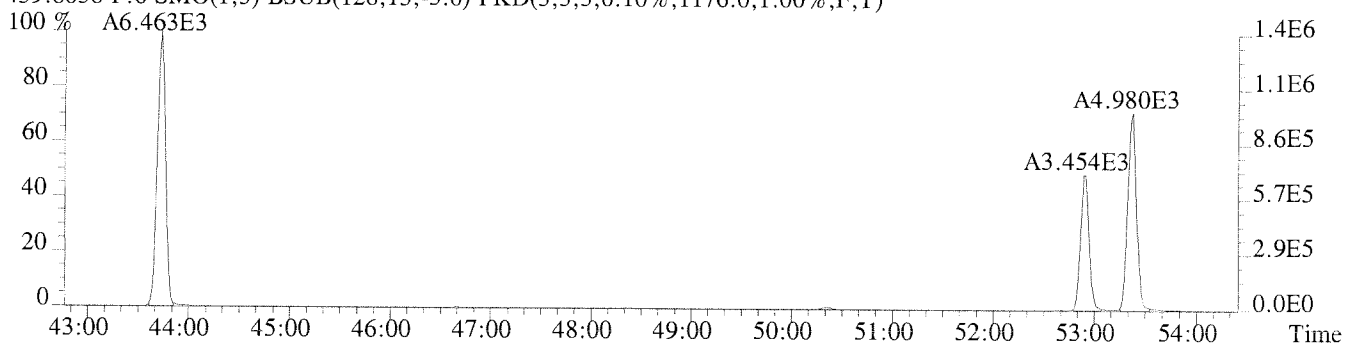
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,T)



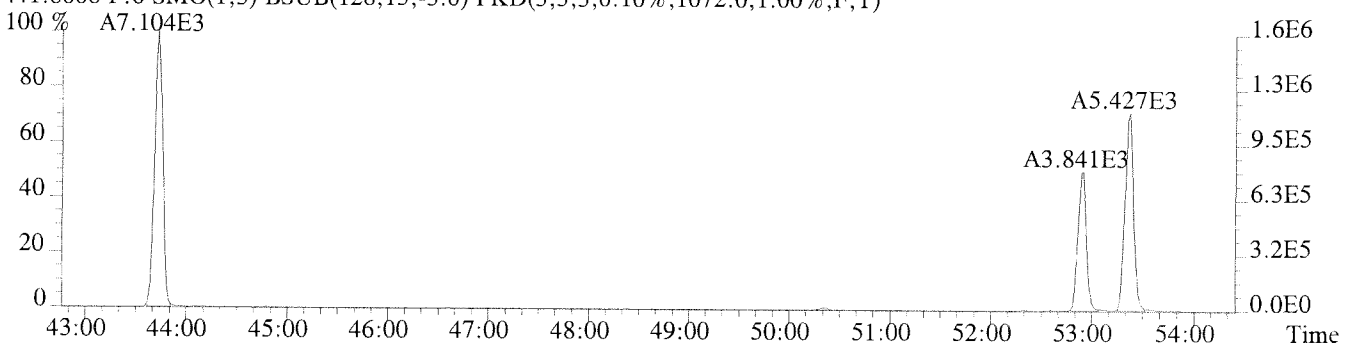
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1200.0,1.00%,F,T)



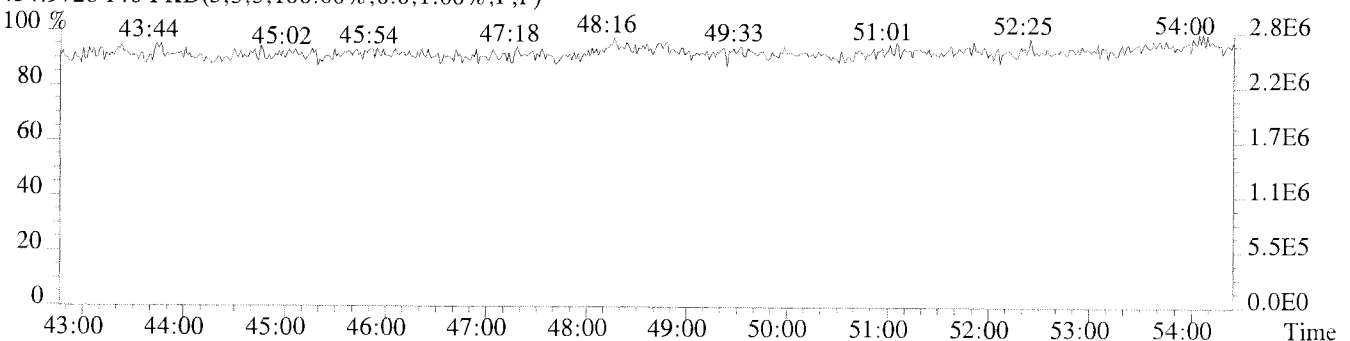
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1176.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1072.0,1.00%,F,T)



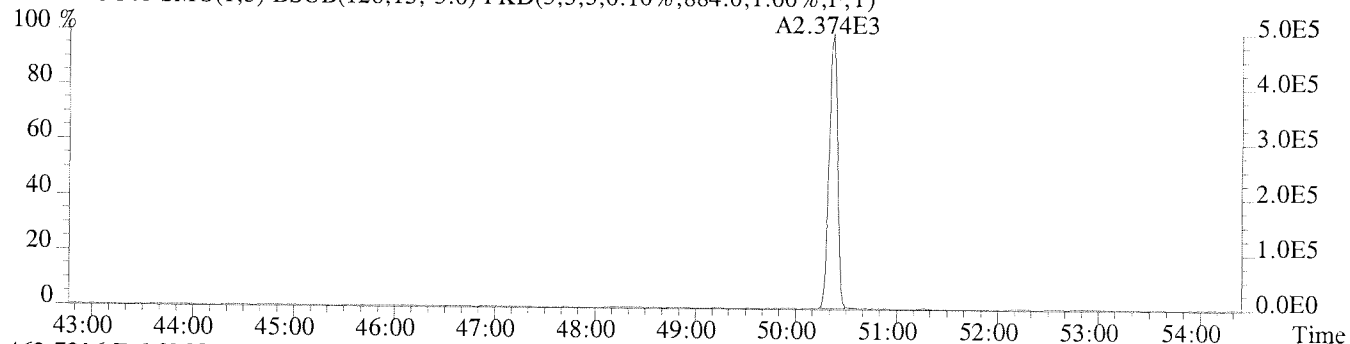
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



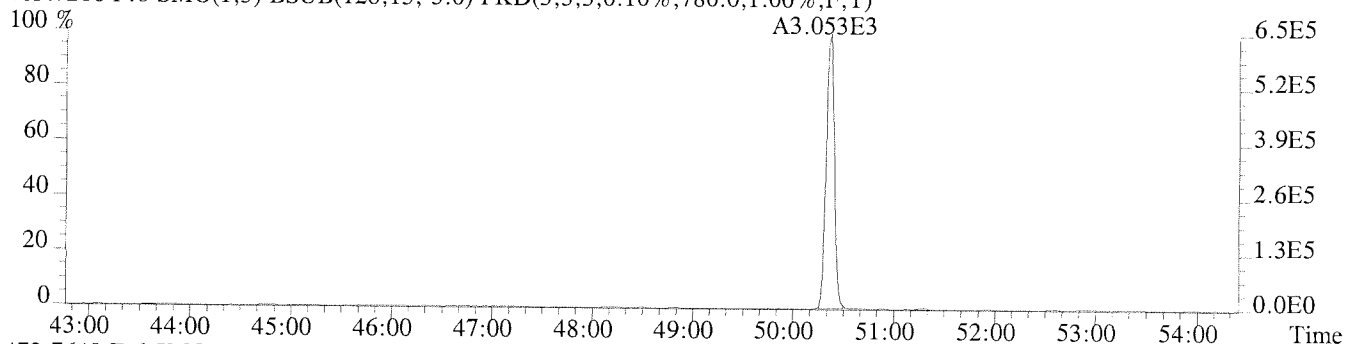
File:U224779 #1-577 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

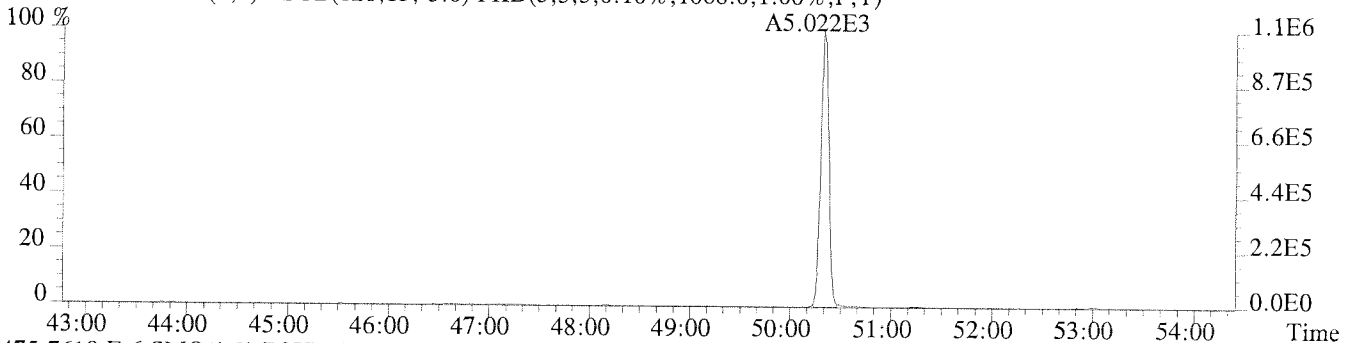
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,884.0,1.00%,F,T)



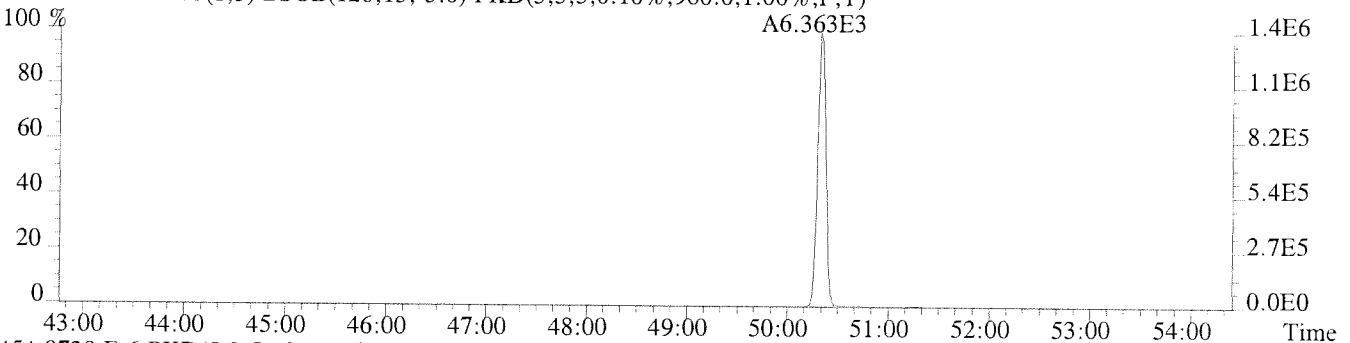
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,780.0,1.00%,F,T)



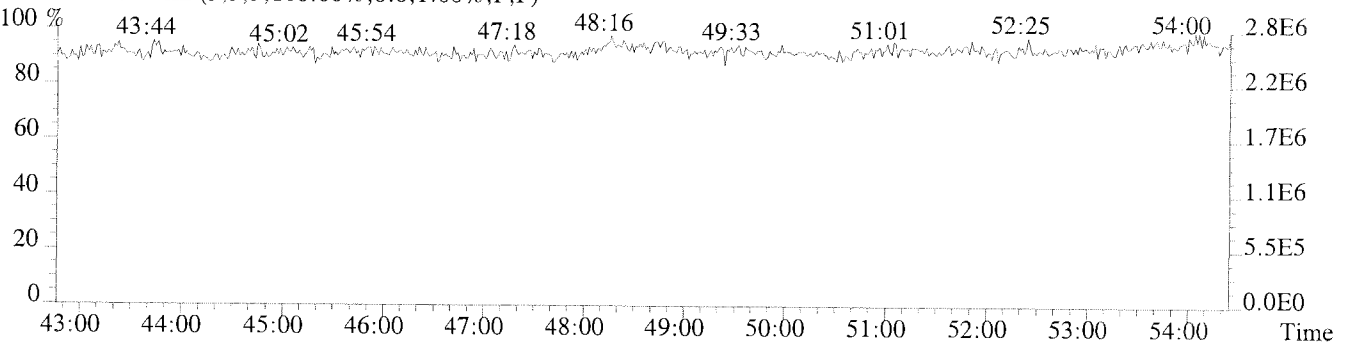
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1088.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,980.0,1.00%,F,T)



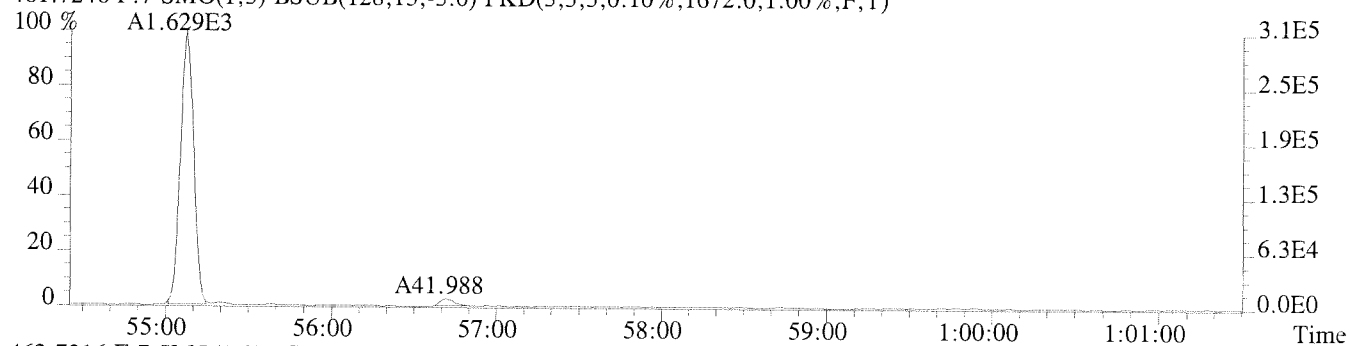
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



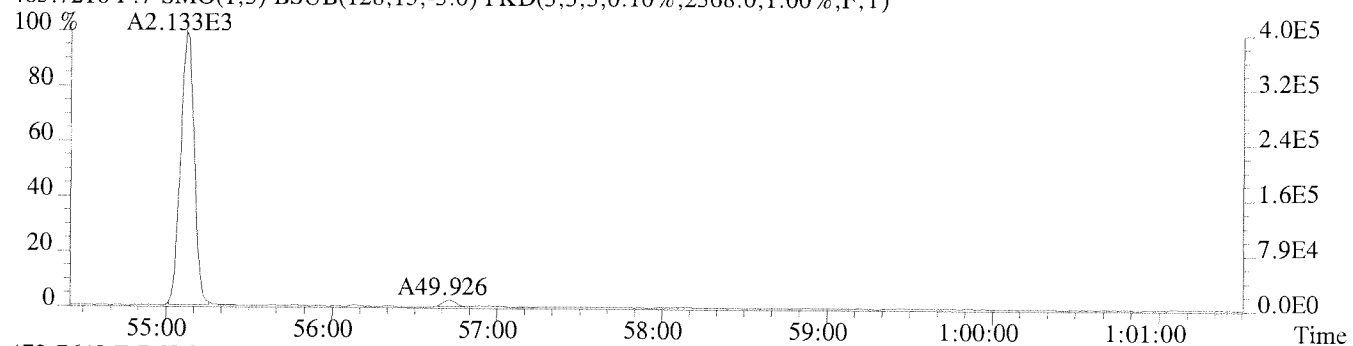
File:U224779 #1-400 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

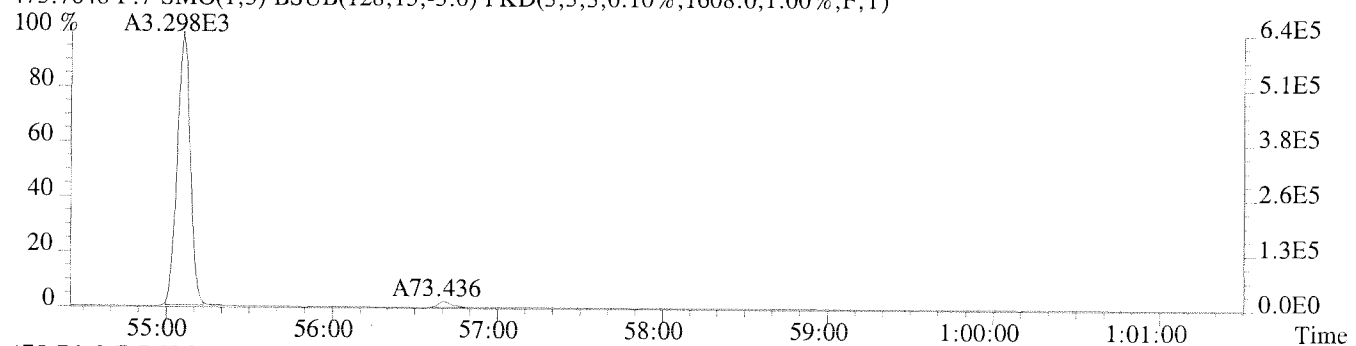
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1672.0,1.00%,F,T)



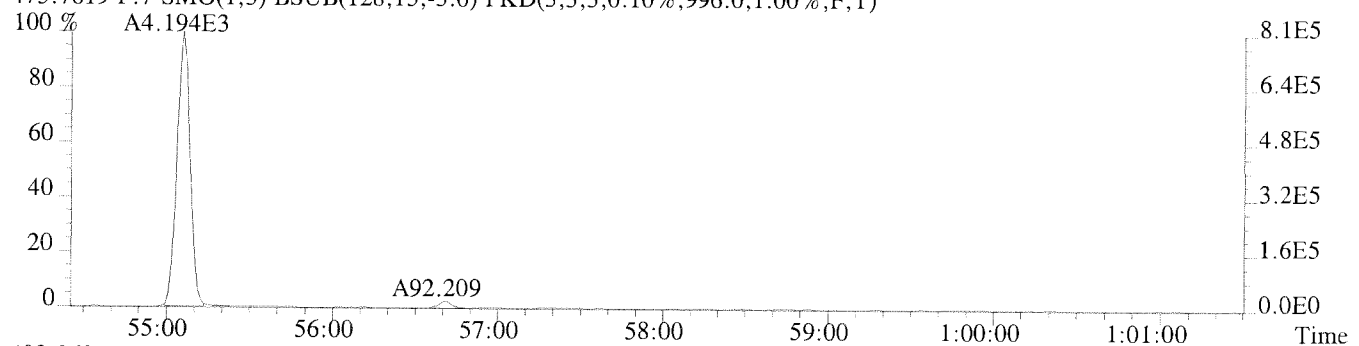
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2368.0,1.00%,F,T)



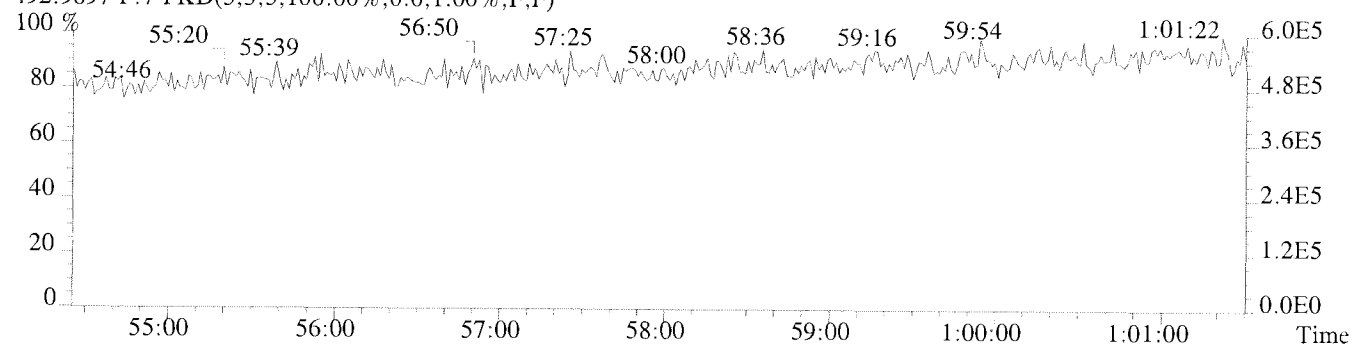
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1608.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,996.0,1.00%,F,T)



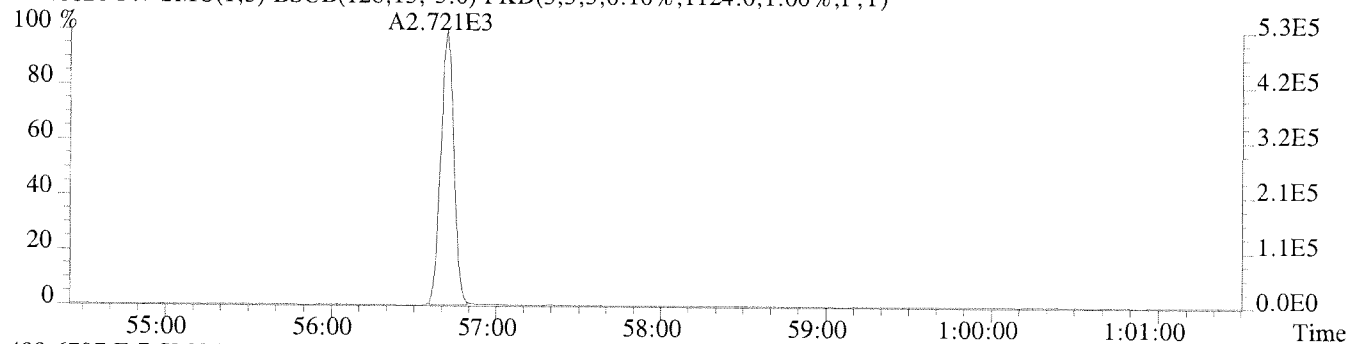
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



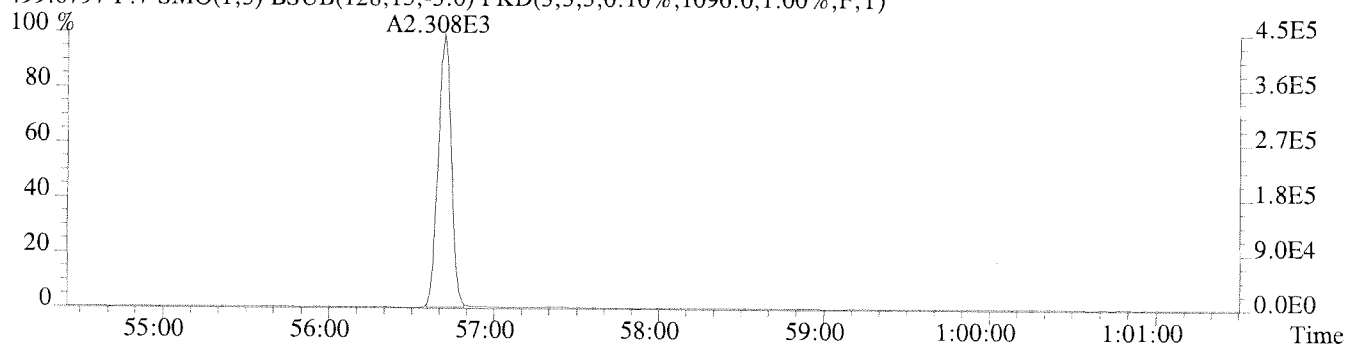
File:U224779 #1-400 Acq:18-JAN-2011 11:09:26 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:CCAL CS3

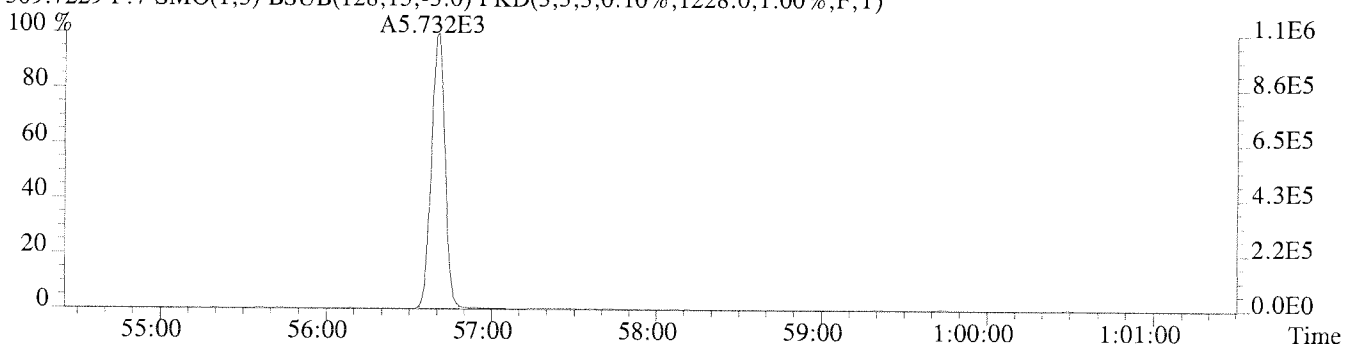
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1124.0,1.00%,F,T)



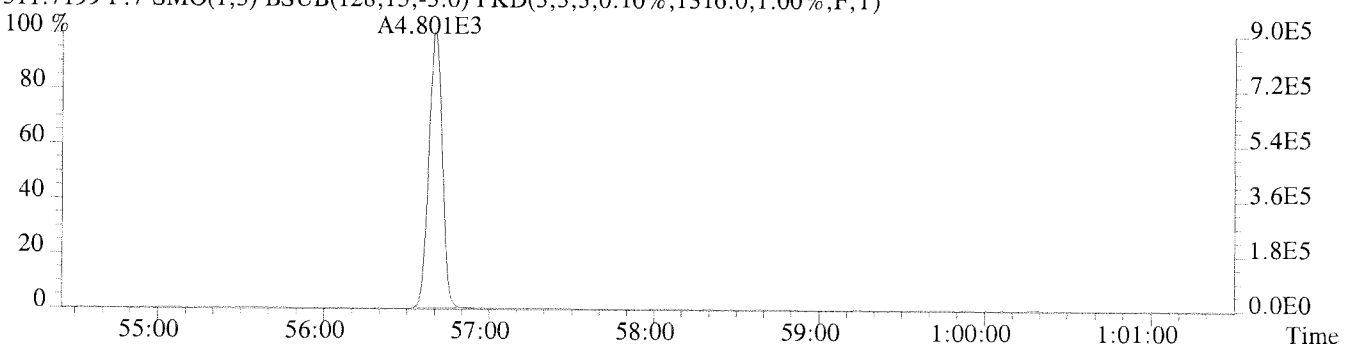
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1096.0,1.00%,F,T)



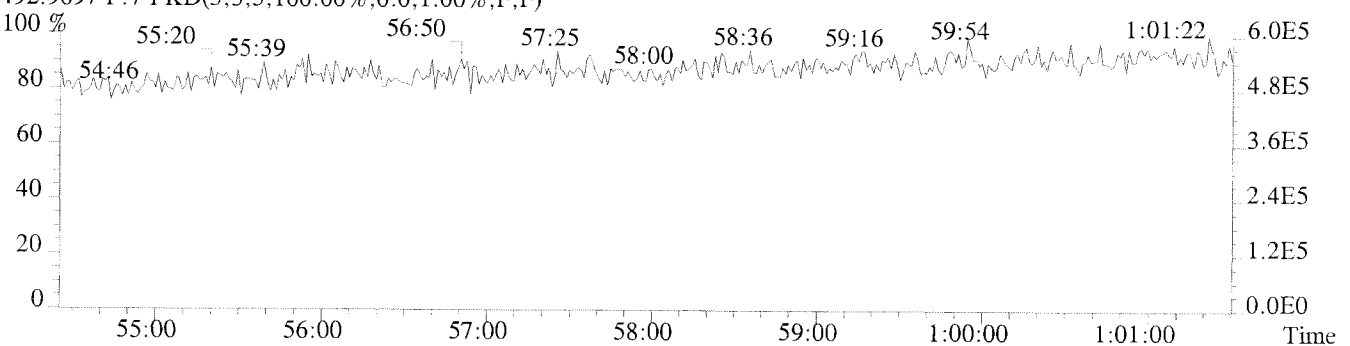
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1228.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1316.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)





Initial Calibration

19408 Park Row, Suite 320, Houston, TX 77084

Phone (713)266-1599 Fax (713)266-0130

www.caslab.com

An Employee Owned Company

Initial Calibration Checklist

Calibration File Name: U91019168IN/IN/IN

Date: 19 OCT '09

Method: 1668(209) 1668(27) 1668 (WHO) 1668 (WHO & TOTAL)

Date 04/20/10 First Reviewer [Signature]

Date 04/23/10 Second Reviewer mc

5DFC

PCDD/PCDF ANALYTICAL SEQUENCE SUMMARY
HIGH RESOLUTION

Name: Columbia Analytical Services, Houston Contract

Lab Code: TX01411 CASE No.:

SDG No.:

GC Column: SPB-OCTYL ID: 0.25 (mm) Instrument ID: AutoSpec-Ultima

Init. Calib. Date: 10/19/09

Init. Calib. Times: 10:47

THE ANALYTICAL SEQUENCE OF STANDARDS, SAMPLES, BLANKS, SPIKES AND
DUPLICATES IS AS FOLLOWS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
PCB 209 INJECTION		U221015	19-OCT-09	10:47:32
ICAL CS1		U221016	19-OCT-09	12:41:45
ICAL CS2		U221017	19-OCT-09	13:46:32
ICAL CS3		U221018	19-OCT-09	14:57:36
ICAL CS4		U221019	19-OCT-09	16:08:27
ICAL CS5		U221020	19-OCT-09	17:18:15

D: U9101916681D
 D: U9101916681N
 D: U9101916681F

D: U9101916681I
 D: U9101916681F
 D: U9101916681D

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Acq Method: 1668 EPA
 GC Method: 1668 EPA

Result File:
 EDD File:



An Employee Owned Company

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/16/09	18:23	U221006	PCB 209 Injection	BA-31-3		KL		
	19:27	U221007	Inst Blank (Test A)					
	20:35	U221008	E0900738-004DL	MAU3-15			1:15	
	21:44	U221009	E0900638-001	CO115				
	22:52	U221010	↓ -003	CO117			Needs Re-injection	
10/17/09	00:00	U221011	CARLOS 1668	SOLID1				
	01:08	U221012	CARLOS 1668	SOLID2				
	02:16	U221013	CARLOS 1668	SOLID3				
	03:24	U221014	CARLOS 1668	SOLID4				
	04:44	---	HRMS check					
	10:45	---	HRMS Check					
10/19/09	10:47	U221015	PUB 209 INJECTION	BA-31-3				
	12:44	U221016	ICAL C51	B1-10-1A				
	3:46	U221017	ICAL C52	B1-10-1B				
	14:56	U221018	ICAL C53	B2-26-1				
	16:08	U221019	ICAL C54	B1-10-1D				

14:57
 [Signature]

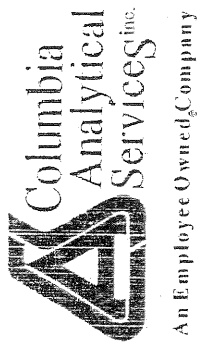
Reviewed by: MC

IIRGC/IIRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Acq Method: 1668EPA
 GC Method: 1668EPA

Result File: _____
 EDD File: _____



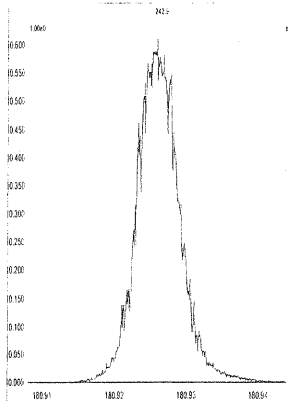
Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/19/09	17:18	U221020	ICAL CS5	B1-10-1E		12		
	18:32	_____	HUMS CHECK					
	18:35	U221021	ICAL CS6	B2-59-4				
	19:50	_____	HUMS CHECK					
10/20/09	08:13	_____	HUMS CHECK			JB		
		U221022	PB 209 INJECTION	B2-31-3				
		U221023	ICAL CS3	B1-66-2				
		U221024	EQ0900415-02103					
		U221025	↓ -03NUS					
		U221026	↓ -01MB					
		U221027	EQ0900876-013					
		U221028	EQ0900871-001					
		U221029	ICAL CS3	B1-66-2				
	18:43	_____	HUMS CHECK					
		U221030	PB 209 INJECTION	B2-31-3				
		U221031	EQ0900415-01MB					

Reviewed by: cel

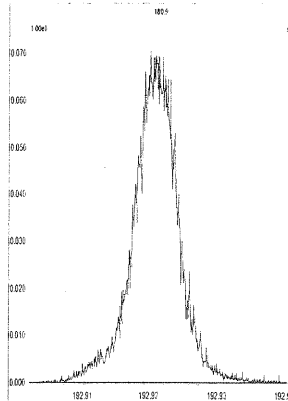
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Monday, October 19, 2009 10:45:15 Central Daylight Time

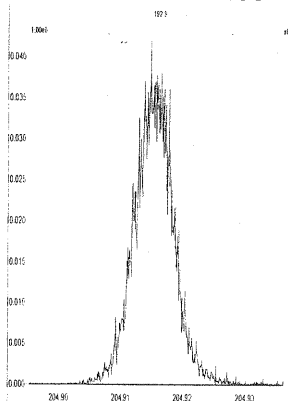
M 180.9888 R 13154



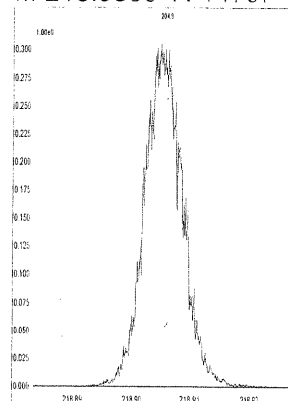
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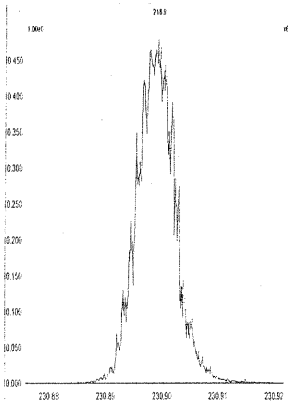
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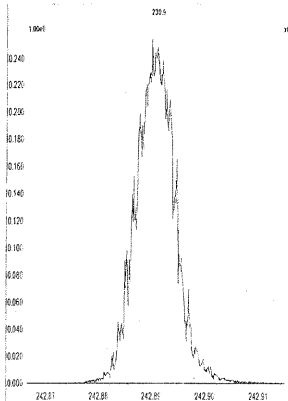
M 218.9856 R 14707



M 230.9856 R 15241



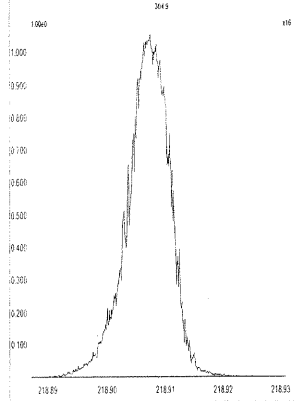
M 242.9856 R 14537



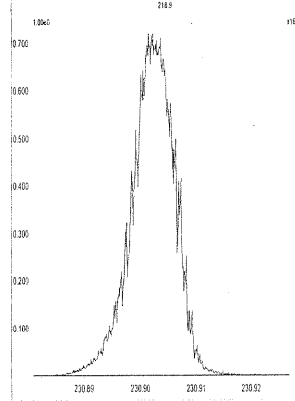
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Monday, October 19, 2009 10:45:31 Central Daylight Time

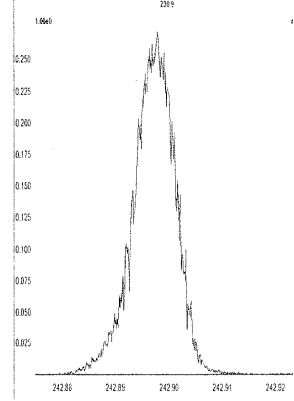
M 218.9856 R 12817



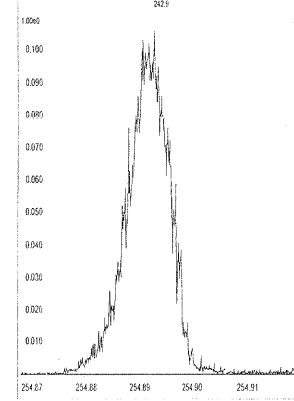
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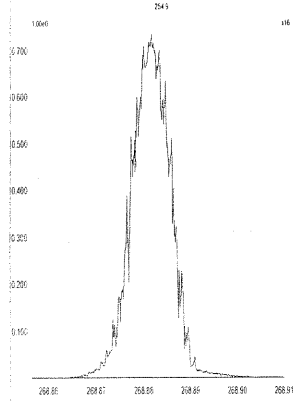
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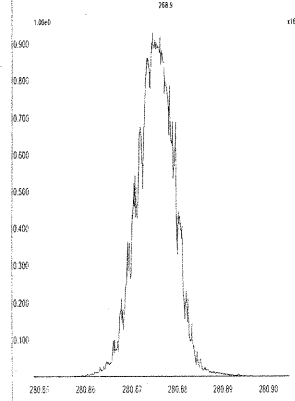
M 254.9856 R 13586



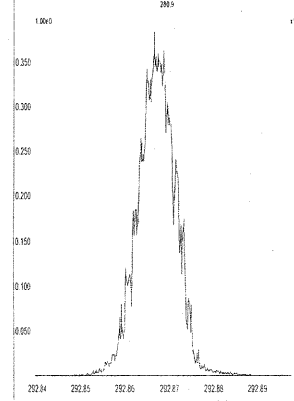
M 268.9824 R 14794



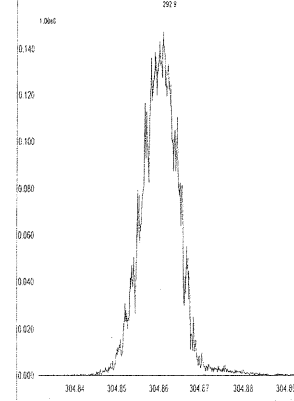
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M 292.9824 R 16228



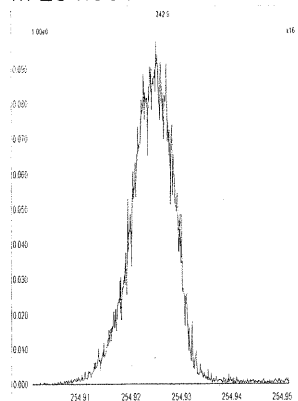
M 304.9824 R 15150



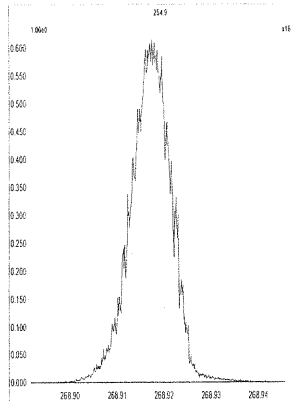
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Monday, October 19, 2009 10:45:48 Central Daylight Time

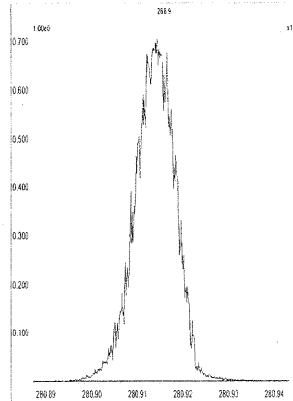
M 254.9856 R 13442



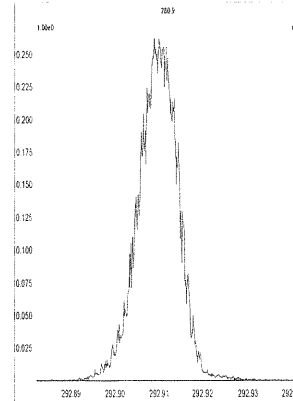
M 268.9824 R 13731



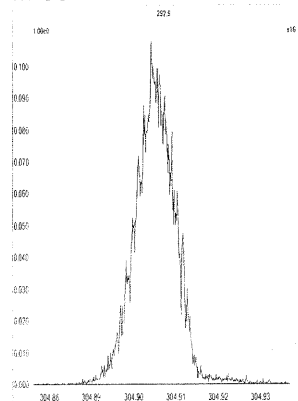
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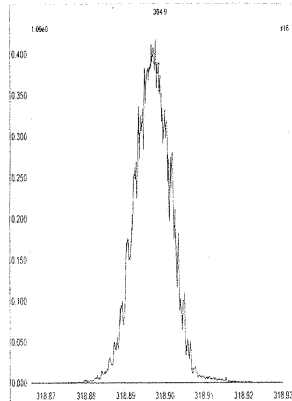
M 292.9824 R 13970



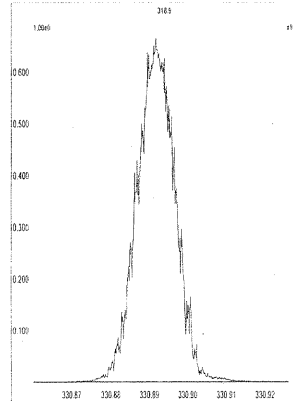
M 304.9824 R 14369



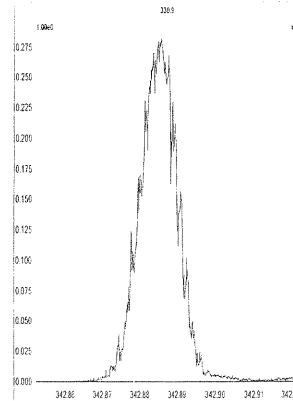
M 318.9792 R 14887



M 330.9792 R 15240



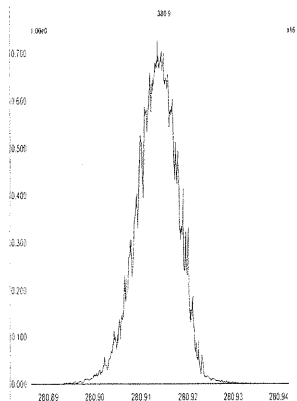
M 342.9792 R 15625



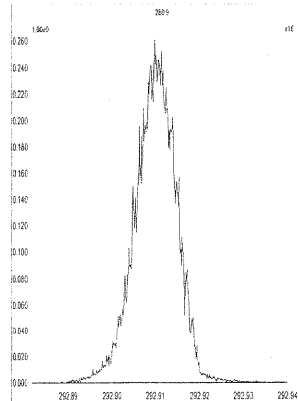
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Printed: Monday, October 19, 2009 10:46:06 Central Daylight Time

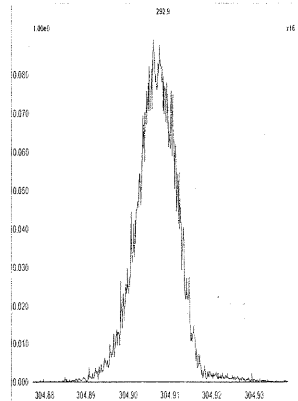
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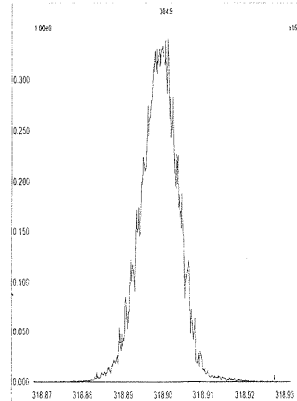
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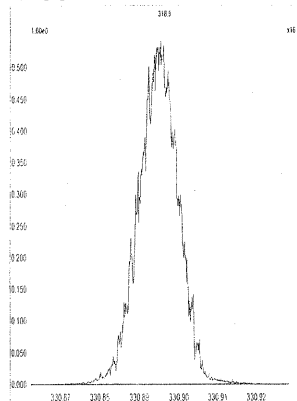
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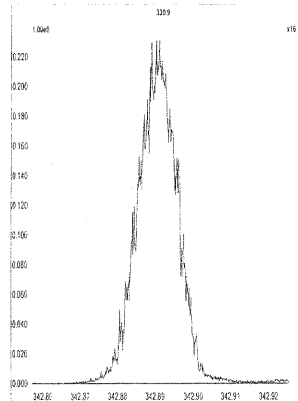
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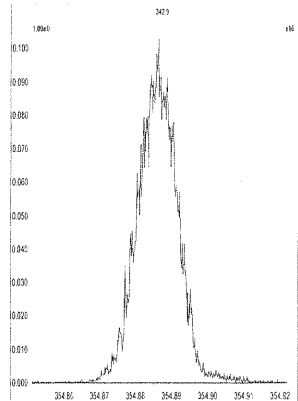
M 330.9792 R 15428



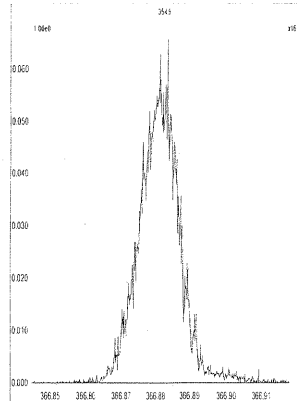
M 342.9792 R 14882



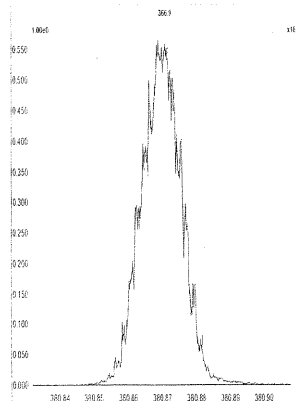
M 354.9792 R 14290



M 366.9792 R 15725



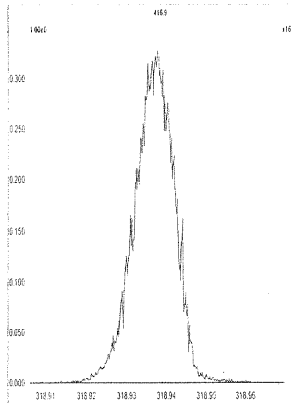
M 380.9760 R 14045



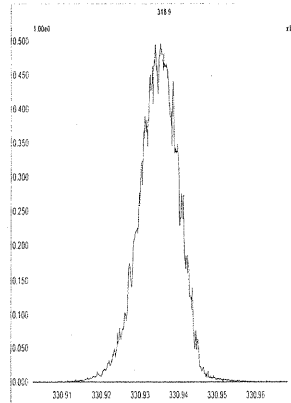
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Printed: Monday, October 19, 2009 10:46:25 Central Daylight Time

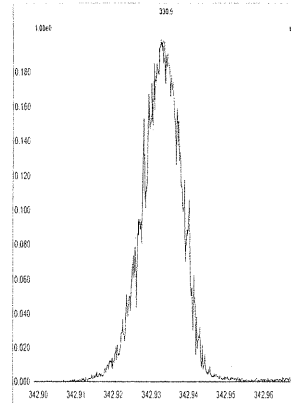
M 318.9792 R 13890



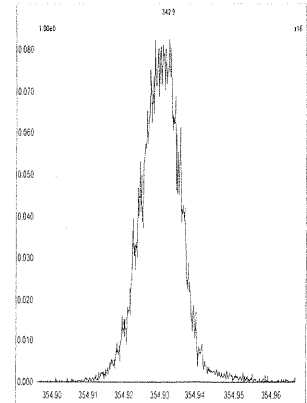
M 330.9792 R 14284



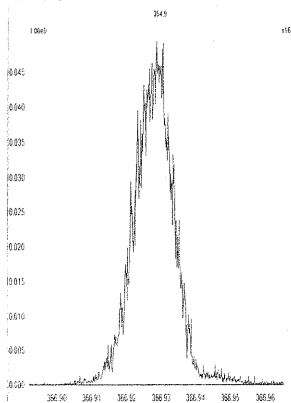
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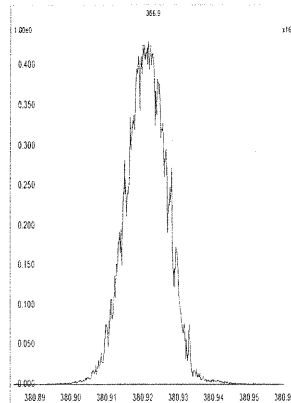
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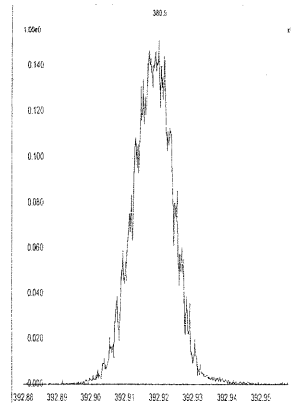
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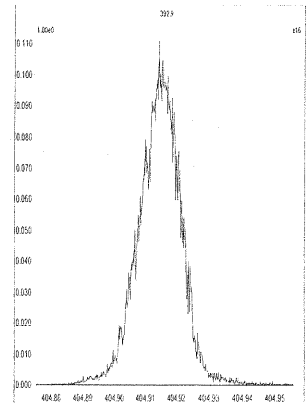
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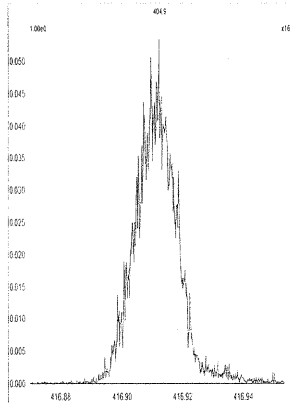
M 392.9760 R 14793



M 404.9760 R 13161



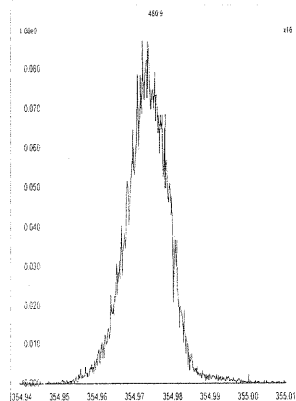
M 416.9760 R 14125



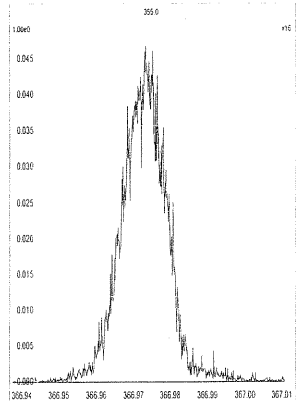
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Printed: Monday, October 19, 2009 10:46:53 Central Daylight Time

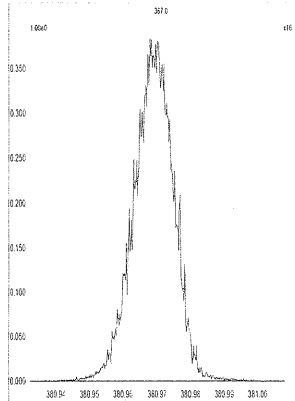
M 354.9792 R 14200



M 366.9792 R 14450



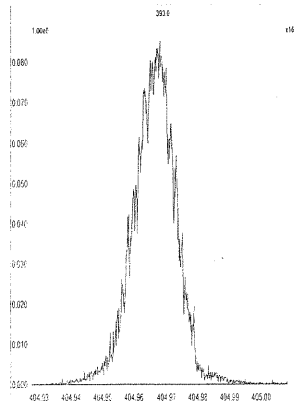
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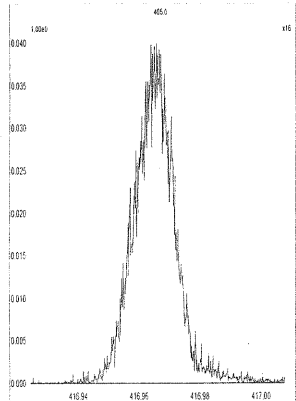
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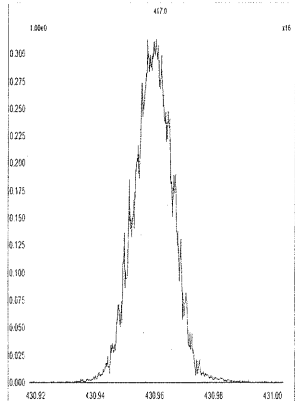
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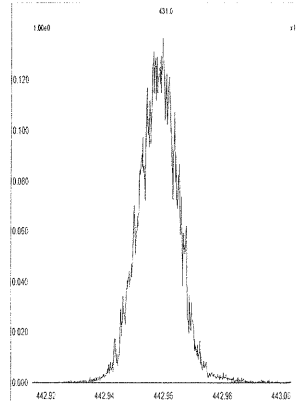
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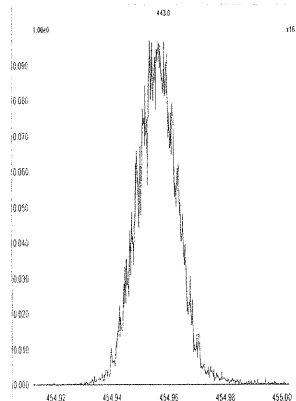
M 430.9728 R 15062



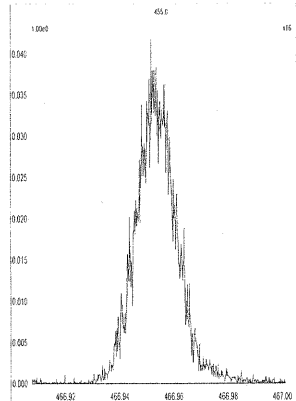
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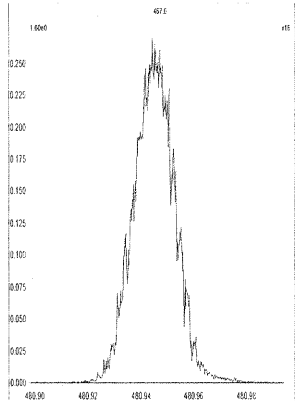
M 454.9728 R 14122



M 466.9728 R 14447



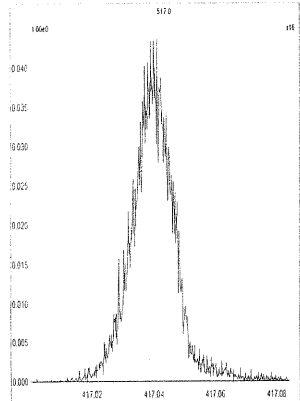
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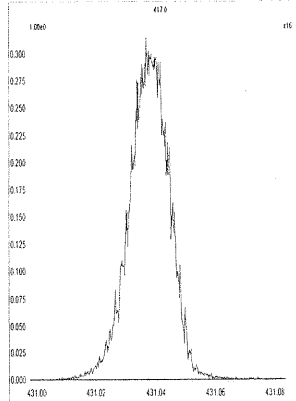
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Printed: Monday, October 19, 2009 10:47:13 Central Daylight Time

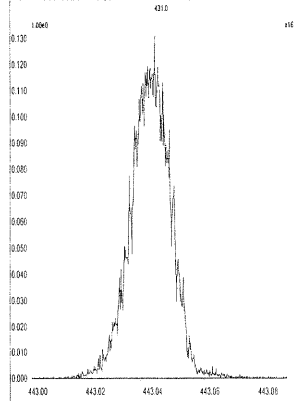
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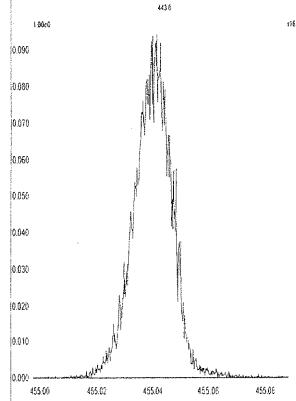
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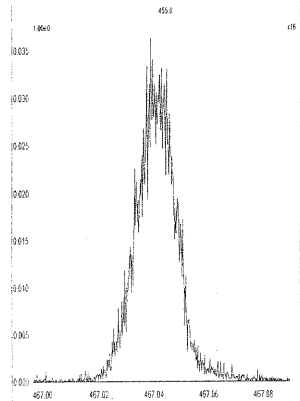
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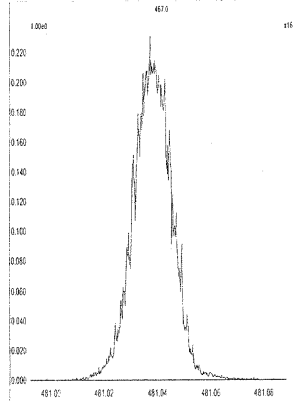
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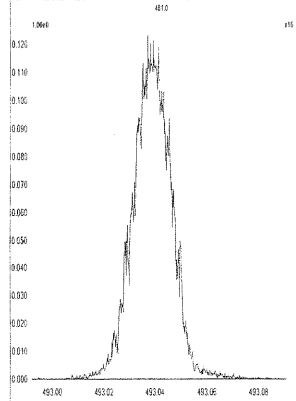
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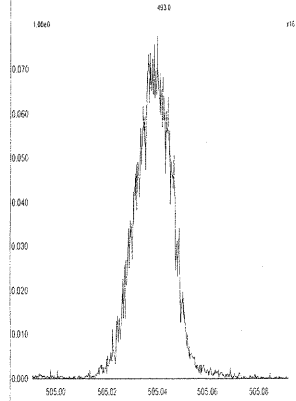
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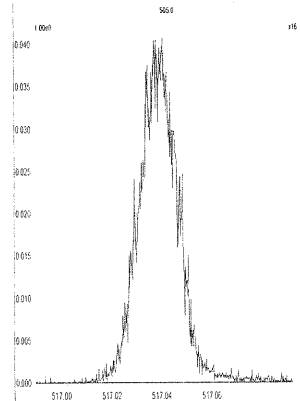
M 492.9696 R 15061



M 504.9696 R 14534



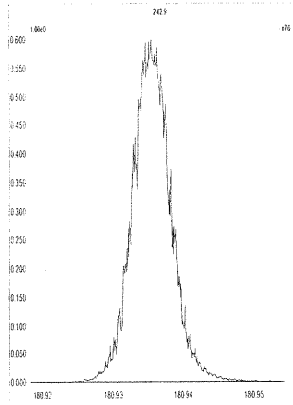
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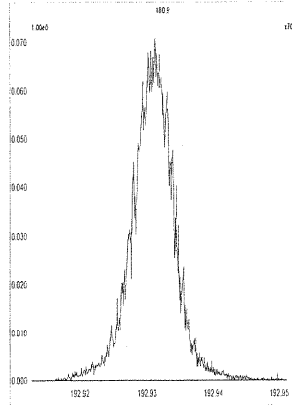
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Printed: Monday, October 19, 2009 18:32:34 Central Daylight Time

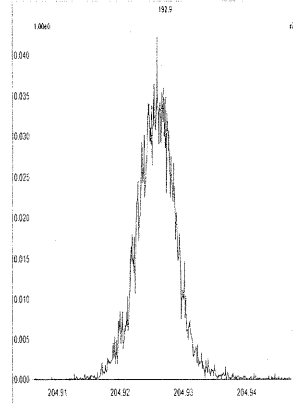
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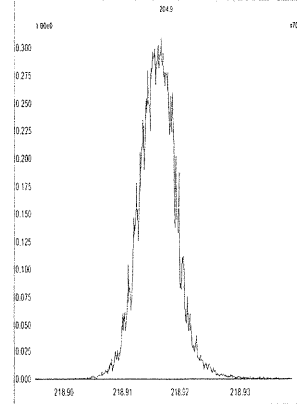
M 192.9888 R 13965



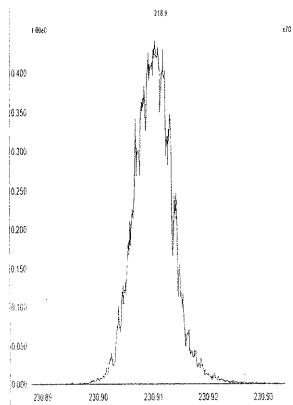
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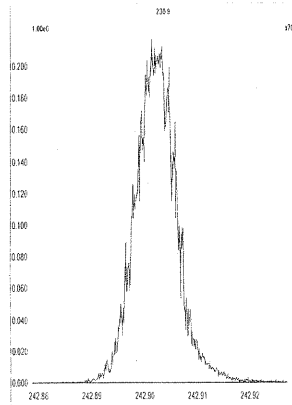
M 218.9856 R 14206



M 230.9856 R 13886



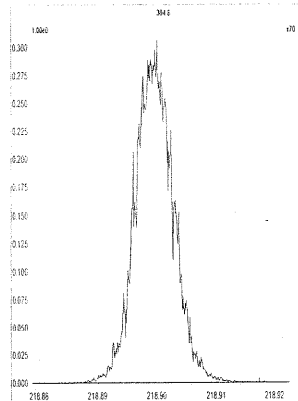
M 242.9856 R 13156



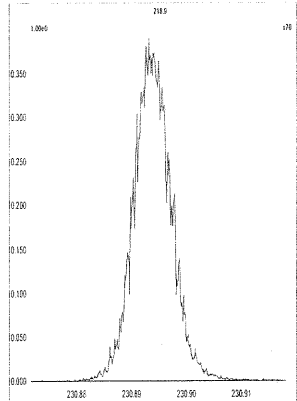
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Monday, October 19, 2009 18:32:49 Central Daylight Time

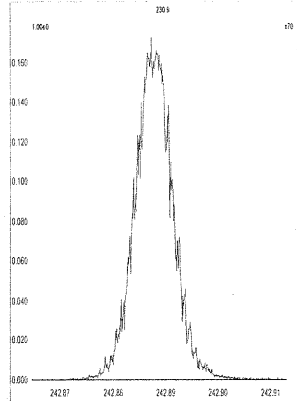
M 218.9856 R 14205



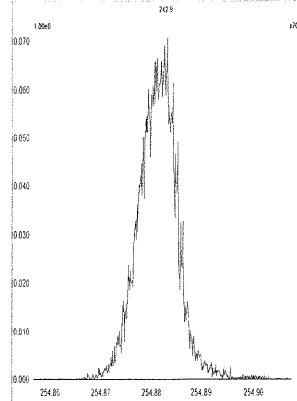
M 230.9856 R 13658



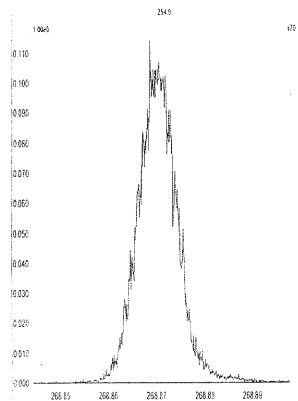
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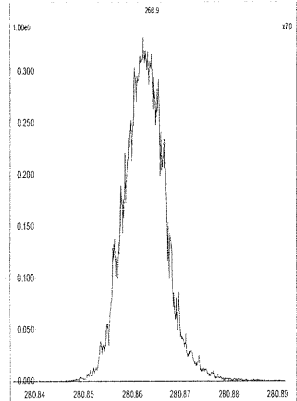
M 254.9856 R 14284



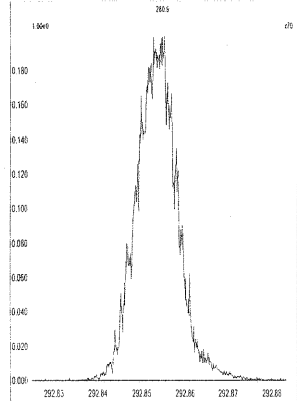
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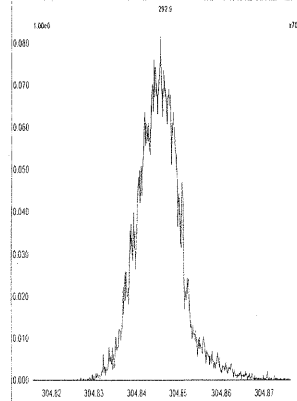
M 280.9824 R 13817



M 292.9824 R 13229



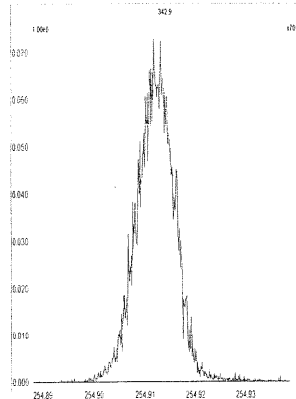
M 304.9824 R 13026



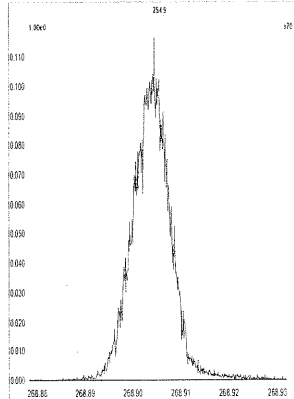
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Monday, October 19, 2009 18:33:06 Central Daylight Time

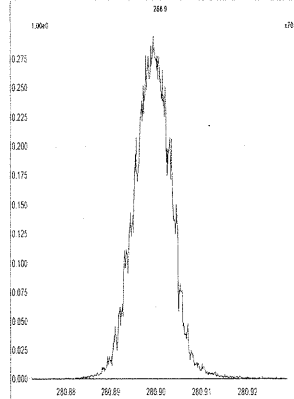
M 254.9856 R 14535



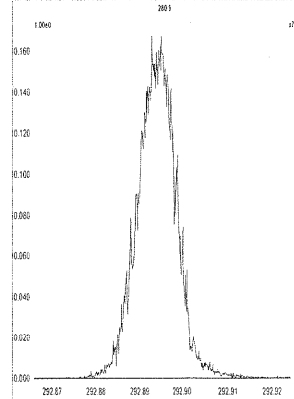
M 268.9824 R 14699



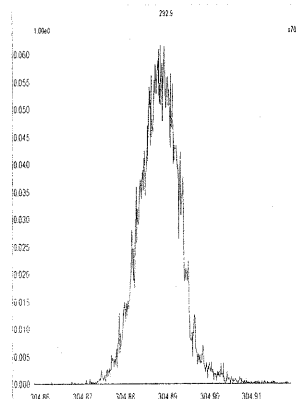
M 280.9824 R 15527



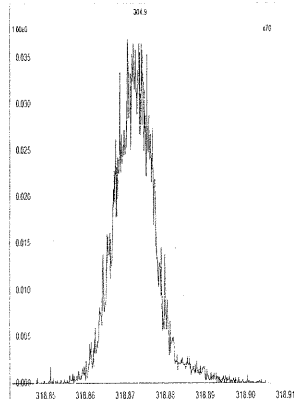
M 292.9824 R 14884



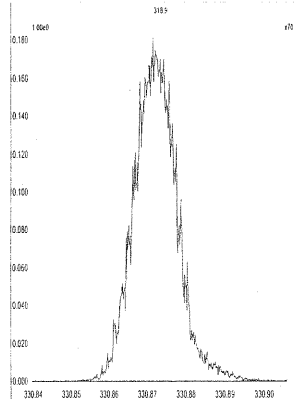
M 304.9824 R 14706



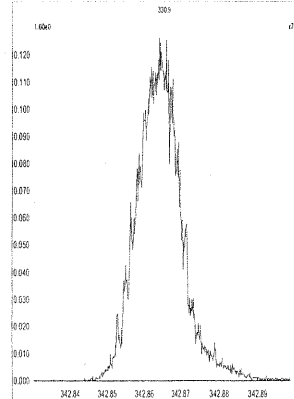
M 318.9792 R 14203



M 330.9792 R 12751



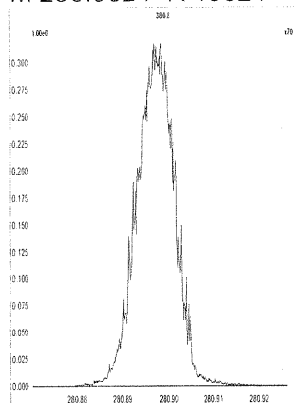
M 342.9792 R 12315



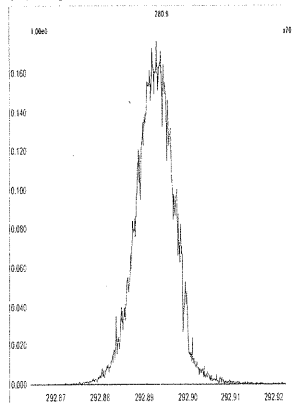
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Monday, October 19, 2009 18:33:24 Central Daylight Time

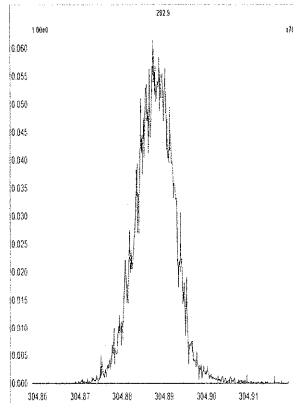
M 280.9824 R 15624



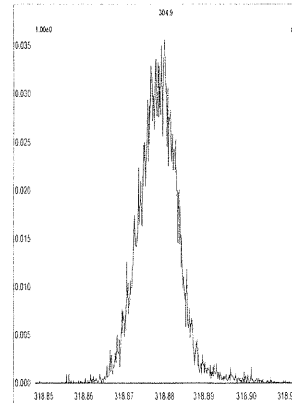
M 292.9824 R 14623



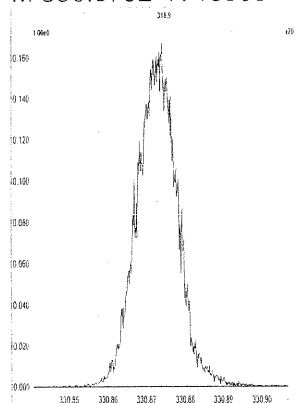
M 304.9824 R 14045



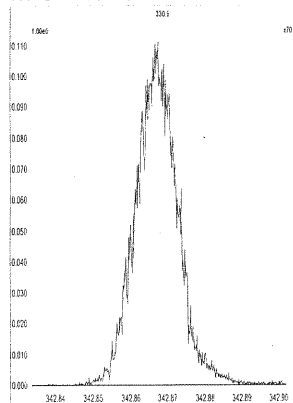
M 318.9792 R 14618



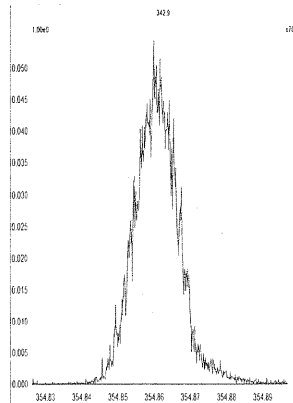
M 330.9792 R 13969



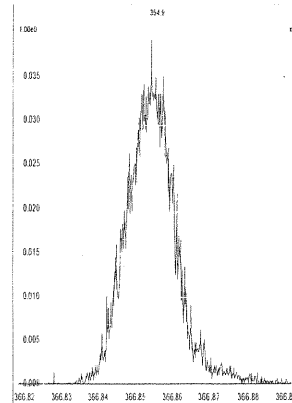
M 342.9792 R 12755



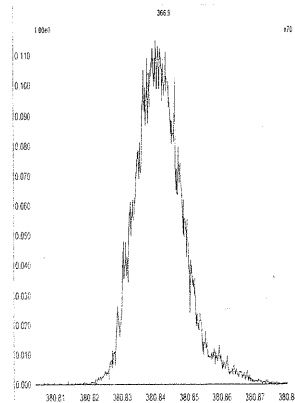
M 354.9792 R 12435



M 366.9792 R 12316



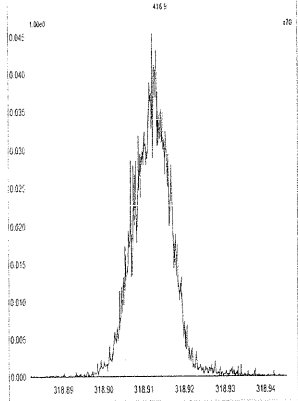
M 380.9760 R 11260



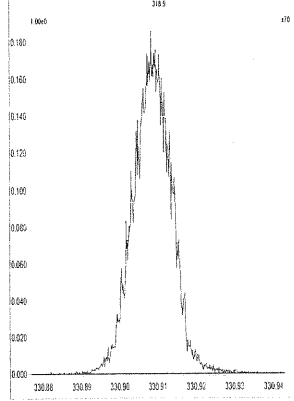
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Monday, October 19, 2009 18:33:43 Central Daylight Time

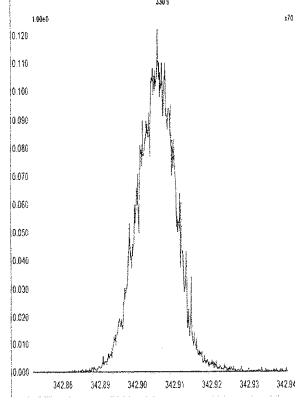
M 318.9792 R 16447



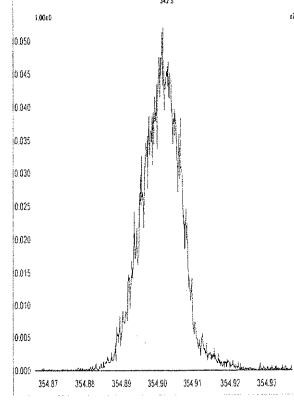
M 330.9792 R 15064



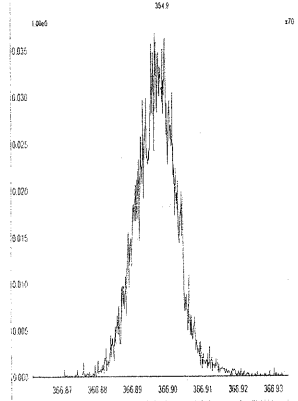
M 342.9792 R 14199



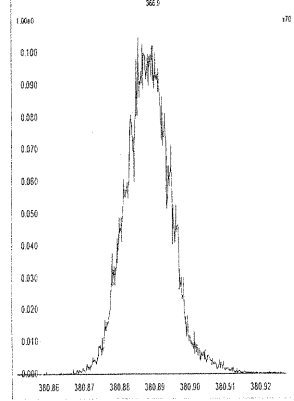
M 354.9792 R 14969



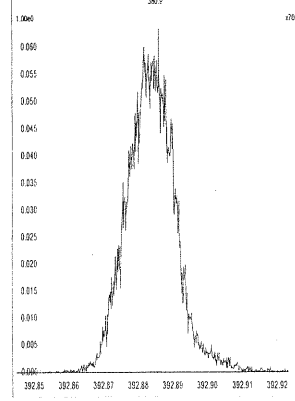
M 366.9792 R 14041



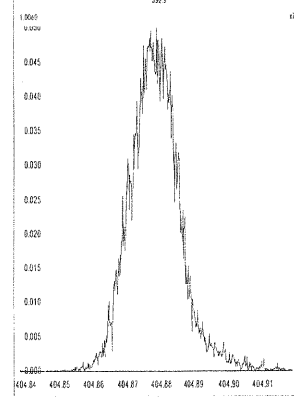
M 380.9760 R 13158



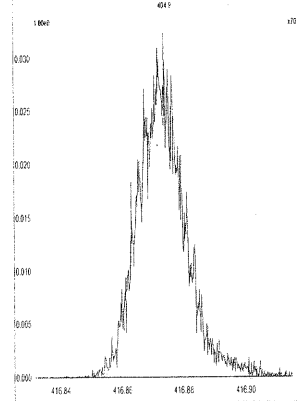
M 392.9760 R 12314



M 404.9760 R 12501



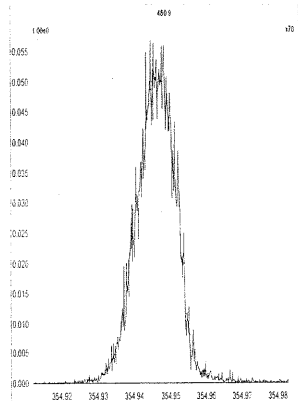
M 416.9760 R 13020



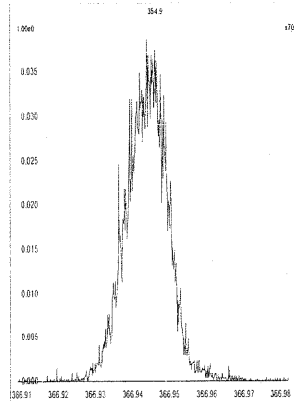
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 6 @ 200 (ppm)

Printed: Monday, October 19, 2009 18:34:05 Central Daylight Time

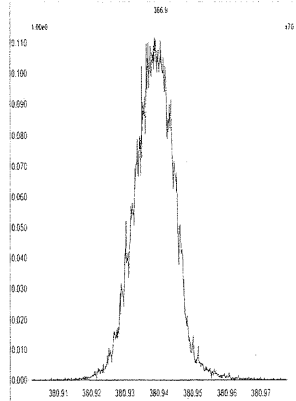
M 354.9792 R 16341



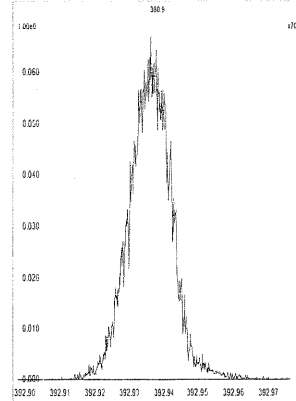
M 366.9792 R 15150



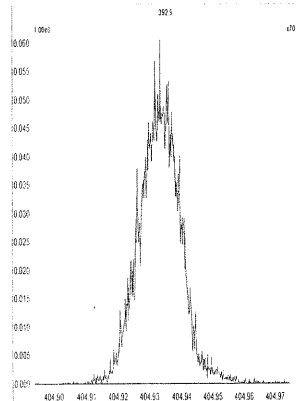
M 380.9760 R 14795



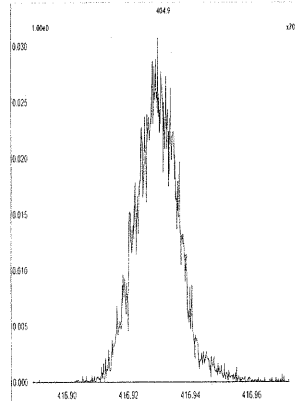
M 392.9760 R 14535



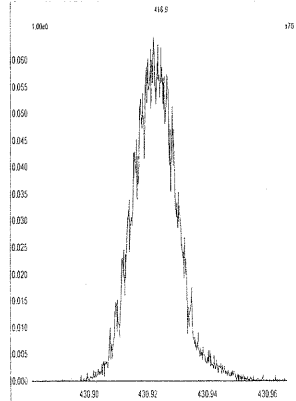
M 404.9760 R 14203



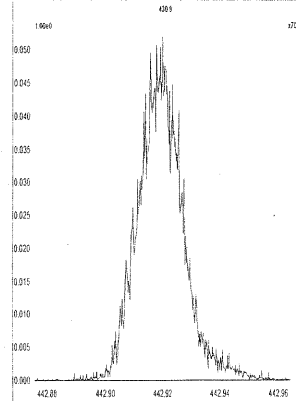
M 416.9760 R 13086



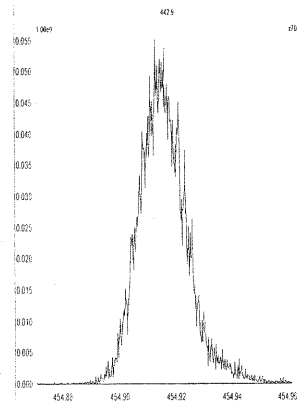
M 430.9728 R 12255



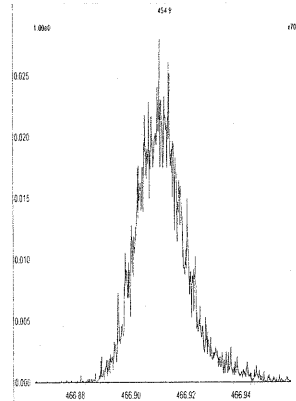
M 442.9728 R 13092



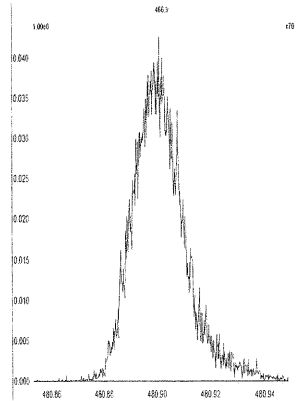
M 454.9728 R 11683



M 466.9728 R 11415



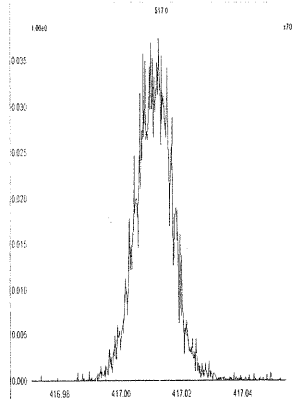
M 480.9696 R 11109



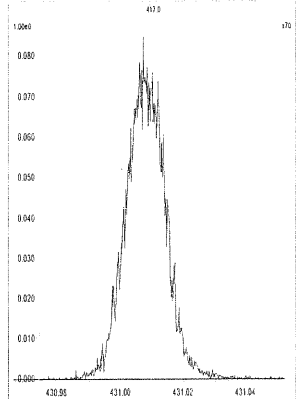
File: Experiment: 1668EPA.exp Reference: Pfk.ref Function: 7 @ 200 (ppm)

Printed: Monday, October 19, 2009 18:34:25 Central Daylight Time

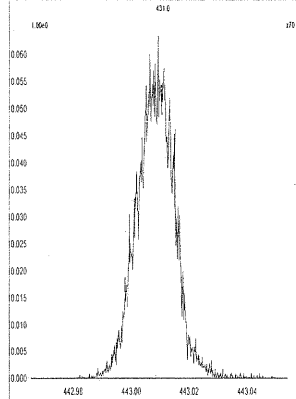
M 416.9760 R 15431



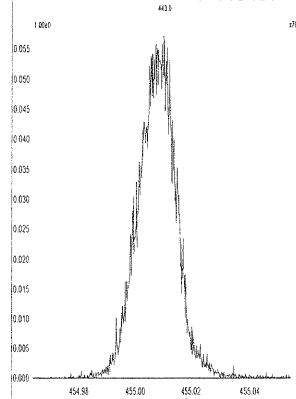
M 430.9728 R 15921



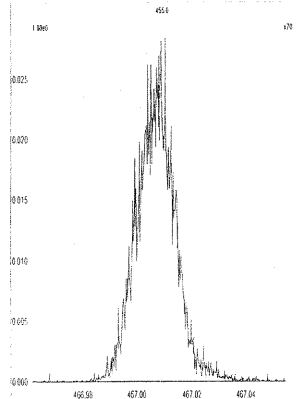
M 442.9728 R 14536



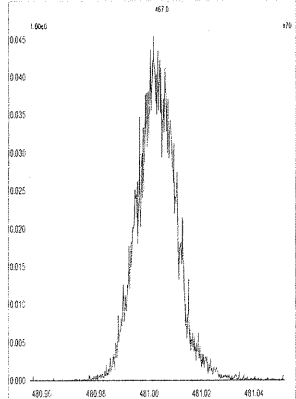
M 454.9728 R 14534



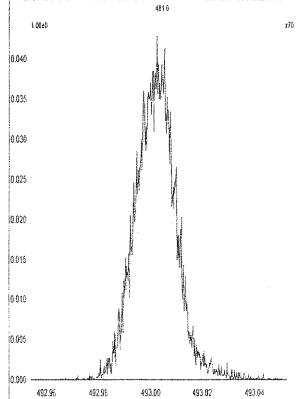
M 466.9728 R 16337



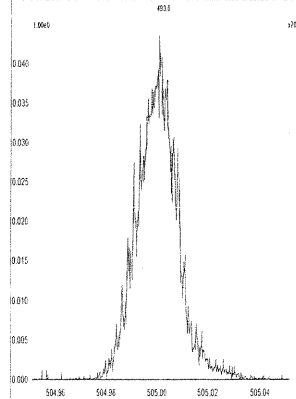
M 480.9696 R 14702



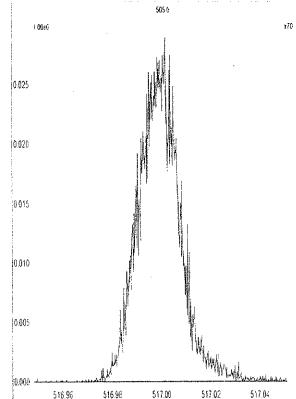
M 492.9696 R 14450



M 504.9696 R 13511



M 516.9697 R 14286



U221015

METHOD 1668A
DILUTED COMBINED 209 CONGENER SOLUTION (DCCS-209)

CLIENT ID

DCCS-209

Lab Name: COLUMBIA ANALYTICAL SERVICES

Lab Code: CAS

GC Column: SPB-Octyl

SDG No.:

Lab File ID:

Date Analyzed:

Time Analyzed:

U221015

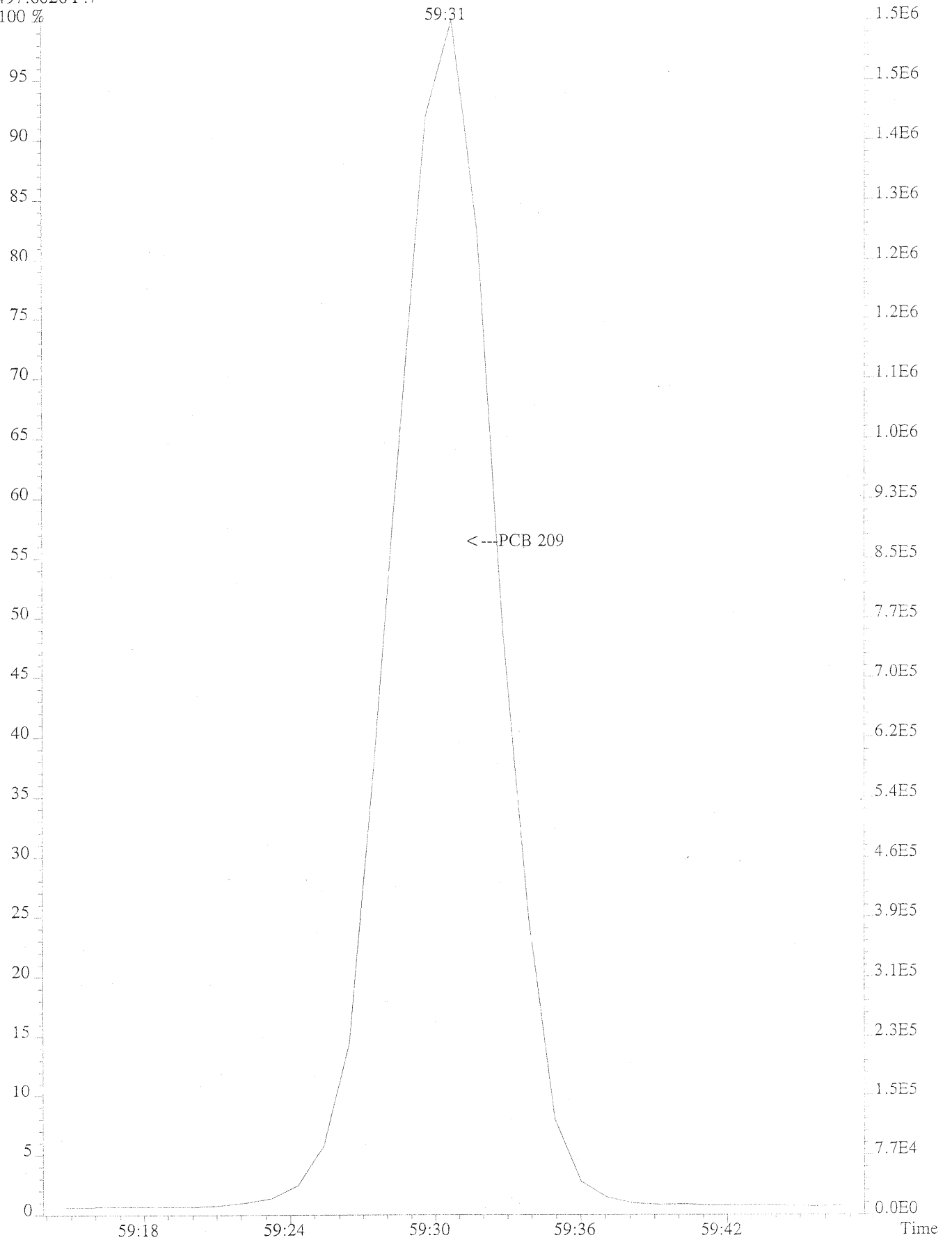
10/19/09

10:47:32

Retention time for PCB 209:	<u>59:31</u>	min.	(>55 min.)
%Valley between PCB 34 and PCB 23:	<u>18.5</u>	%	(<40%)
%Valley between PCB 187 and PCB 182:	<u>2.5</u>	%	(<40%)
Seconds of coelution between PCB 156 and PCB 157:	<u>0</u>	sec.	(<2 sec.)

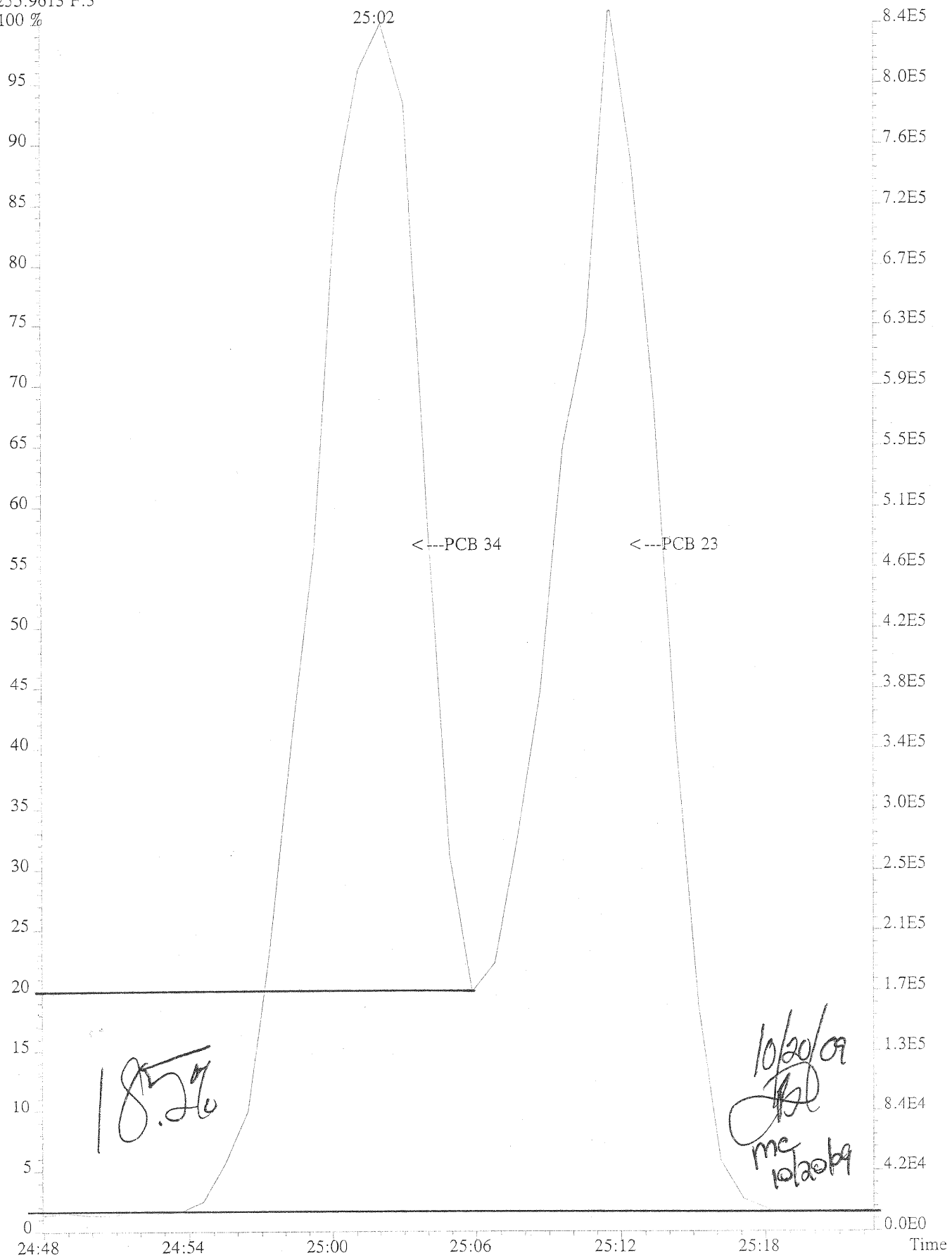
Reference: Section 6.9.1.1 Method 1668A with corrections and changes through August 30, 2003.

File:U221015 #1-253 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
497.6826 F:7
100 %

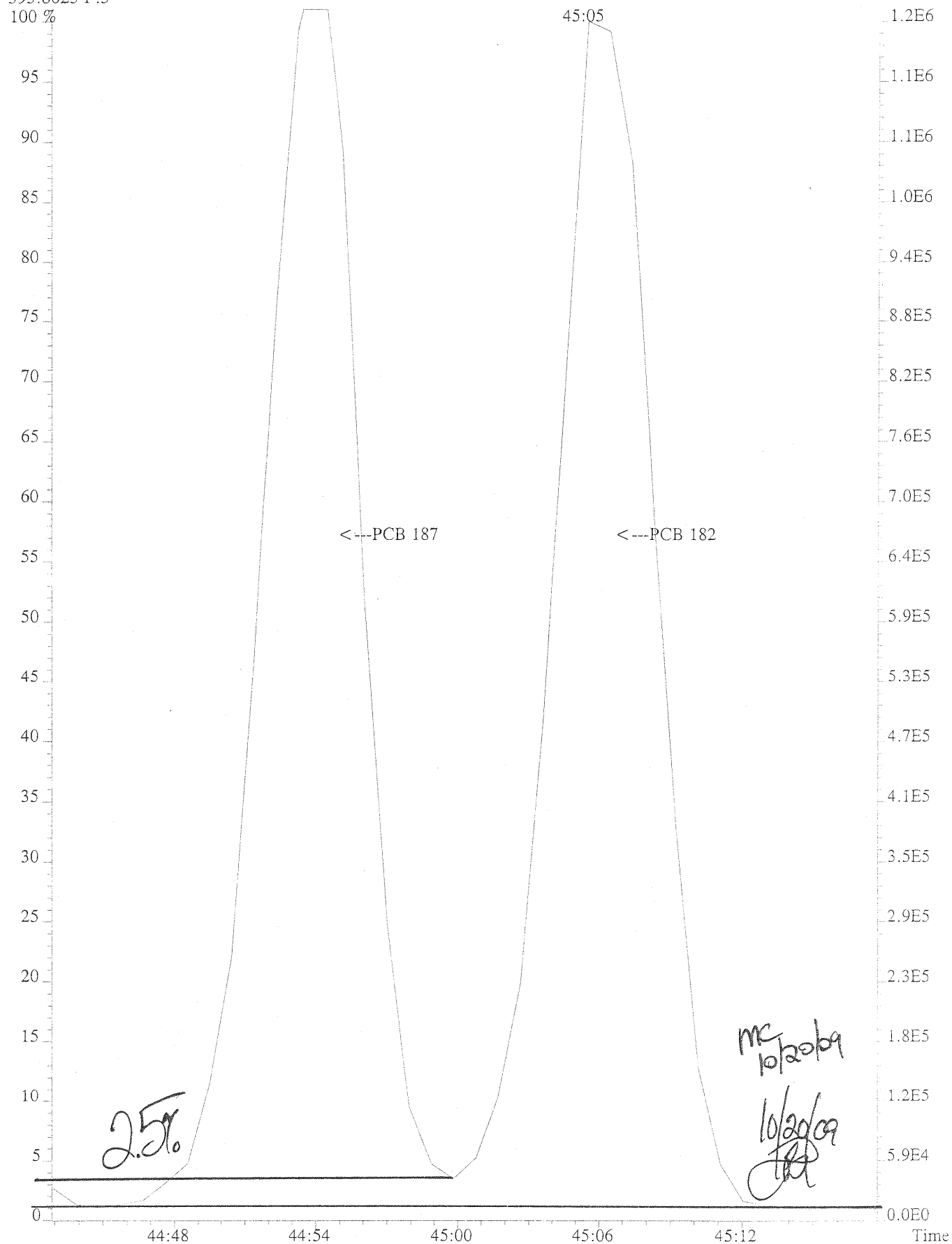


1393

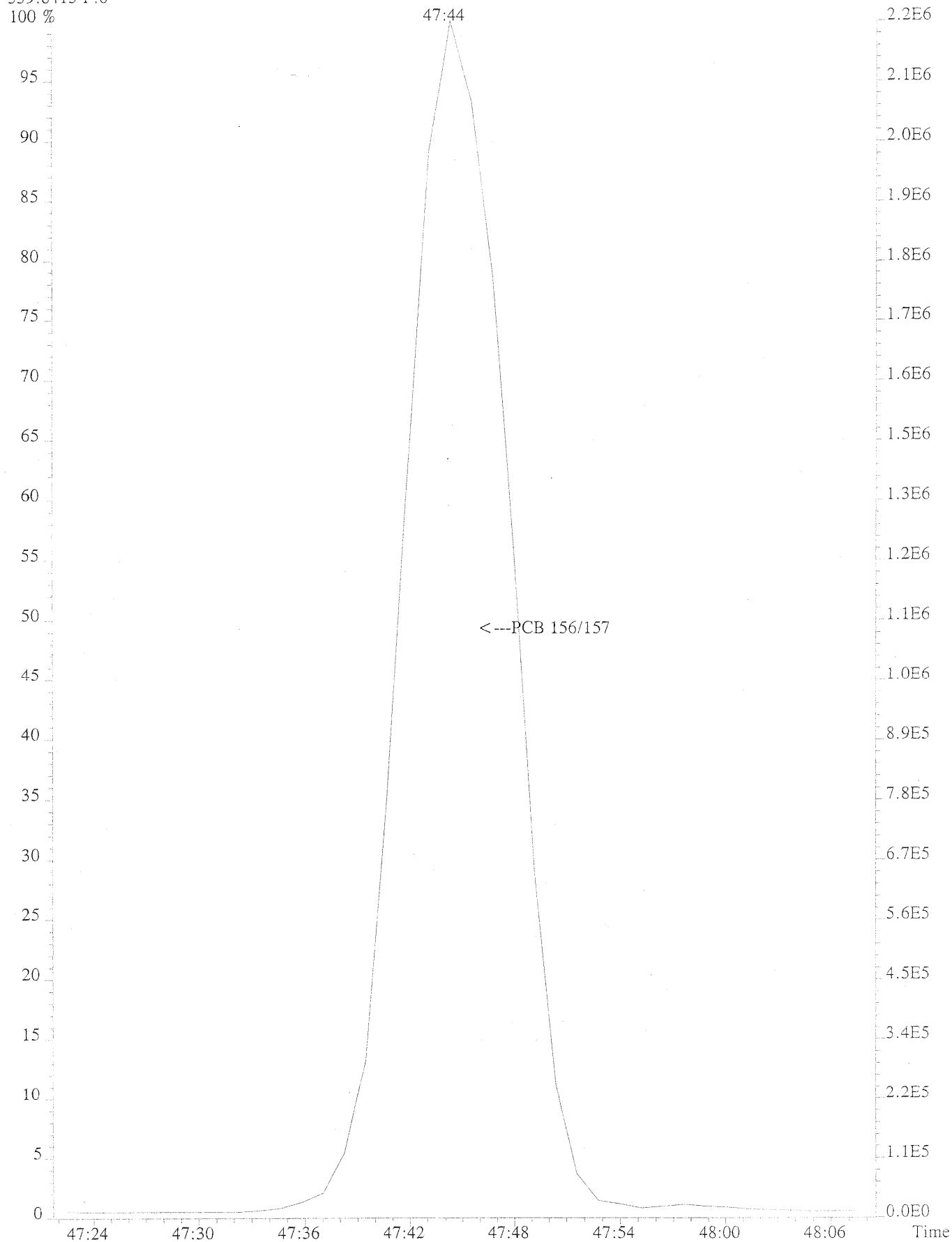
File:U221015 #1-611 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
255.9613 F:3
100 %



File:U221015 #1-402 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
393.8025 F:5



File:U221015 #1-581 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
359.8415 F:6



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
PCB 209 INJEC7

Run #1 Filename U221015 Samp: 1 Inj: 1 Acquired: 19-OCT-09 10:47:32
Processed: 20-APR-10 10:56:38 Sample ID: PCB 209 INJECTION

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet	Mod?	RRF
1	1	PCB-1	14:08	7.457e+03	2.380e+03	3.13	y n	1.0611
2	1	PCB-2	16:22	8.188e+03	2.535e+03	3.23	y n	1.1278
3	1	PCB-3	16:33	7.698e+03	2.461e+03	3.13	y n	1.0548
4	1	PCB-4	16:50	4.174e+03	2.679e+03	1.56	y n	0.9363
5	1	PCB-10	17:01	6.636e+03	4.300e+03	1.54	y n	1.3389
6	2	PCB-9	19:00	5.645e+03	3.548e+03	1.59	y n	1.1255
7	2	PCB-7	19:11	5.375e+03	3.311e+03	1.62	y n	1.0635
8	2	PCB-6	19:27	5.622e+03	3.453e+03	1.63	y n	1.1111
9	2	PCB-5	19:47	4.965e+03	3.184e+03	1.56	y n	0.9977
10	2	PCB-8	19:55	5.691e+03	3.620e+03	1.57	y n	1.1400
11	2	PCB-14	21:39	5.615e+03	3.410e+03	1.65	y n	1.1050
12	2	PCB-11	22:34	5.303e+03	3.301e+03	1.61	y n	1.0533
13	2	PCB-12/13	22:52	1.030e+04	6.442e+03	1.60	y n	1.0251
14	2	PCB-15	23:13	5.316e+03	3.359e+03	1.58	y n	0.9846
15	2	PCB-19	20:14	2.492e+03	2.407e+03	1.04	y n	1.0079
16	2	PCB-18/30	22:13	6.485e+03	6.371e+03	1.02	y n	0.9361
17	2	PCB-17	22:40	2.757e+03	2.621e+03	1.05	y n	0.7832
18	2	PCB-27	22:54	4.048e+03	3.951e+03	1.02	y n	1.1649
19	2	PCB-24	23:03	3.678e+03	3.733e+03	0.99	y n	1.0794
20	2	PCB-16	23:10	1.842e+03	1.812e+03	1.02	y n	0.5321
21	2	PCB-32	23:42	4.144e+03	4.034e+03	1.03	y n	1.1909
22	3	PCB-34	25:02	5.029e+03	4.819e+03	1.04	y n	1.4341
23	3	PCB-23	25:11	4.710e+03	4.233e+03	1.11	y n	1.3024
24	3	PCB-26/29	25:31	1.053e+04	9.655e+03	1.09	y n	1.4697
25	3	PCB-25	25:45	5.545e+03	5.160e+03	1.07	y n	1.5590
26	3	PCB-31	26:05	5.324e+03	5.138e+03	1.04	y n	1.5236
27	3	PCB-20/28	26:25	1.016e+04	9.683e+03	1.05	y n	1.4451
28	3	PCB-21/33	26:36	1.019e+04	9.518e+03	1.07	y n	1.4351
29	3	PCB-22	27:03	4.811e+03	4.347e+03	1.11	y n	1.3336
30	3	PCB-36	28:40	5.657e+03	5.477e+03	1.03	y n	1.6214
31	3	PCB-39	29:02	5.006e+03	4.941e+03	1.01	y n	1.4485
32	3	PCB-38	29:39	4.818e+03	4.526e+03	1.06	y n	1.3608
33	3	PCB-35	30:07	4.621e+03	4.200e+03	1.10	y n	1.2845
34	3	PCB-37	30:33	4.328e+03	4.049e+03	1.07	y n	1.0651
35	2	PCB-54	23:32	6.474e+03	8.547e+03	0.76	y n	0.9625
36	3	PCB-50/53	25:49	1.030e+04	1.320e+04	0.78	y n	0.7560
37	3	PCB-45/51	26:31	9.990e+03	1.285e+04	0.78	y n	0.7347
38	3	PCB-46	26:50	4.275e+03	5.523e+03	0.77	y n	0.6305
39	3	PCB-52	28:17	5.886e+03	7.551e+03	0.78	y y	0.8647
40	3	PCB-43/73	28:27	1.050e+04	1.350e+04	0.78	y y	0.7720
41	3	PCB-49/69	28:45	1.239e+04	1.615e+04	0.77	y y	0.9179
42	3	PCB-48	29:06	5.048e+03	6.459e+03	0.78	y y	0.7404
43	3	PCB-44/47/65	29:21	1.769e+04	2.297e+04	0.77	y y	0.8722
44	3	PCB-59/62/75	29:40	2.114e+04	2.702e+04	0.78	y y	1.0329
45	3	PCB-42	29:52	4.690e+03	6.073e+03	0.77	y y	0.6926
46	3	PCB-40/41/71	30:23	1.587e+04	2.059e+04	0.77	y y	0.7821
47	3	PCB-64	30:36	7.384e+03	9.662e+03	0.76	y n	1.0968
48	3	PCB-72	31:27	7.643e+03	9.460e+03	0.81	y n	1.1006
49	3	PCB-68	31:45	7.437e+03	9.254e+03	0.80	y n	1.0740
50	3	PCB-57	32:11	7.337e+03	9.283e+03	0.79	y n	1.0694

51	3	PCB-58	32:26	7.240e+03	8.858e+03	0.82	y	n	1.0358
52	3	PCB-67	32:36	7.736e+03	9.697e+03	0.80	y	n	1.1218
53	3	PCB-63	32:52	7.707e+03	9.554e+03	0.81	y	n	1.1107
54	3	PCB-61/70/74/76	33:13	2.901e+04	3.686e+04	0.79	y	n	1.0596
55	3	PCB-66	33:34	7.790e+03	9.833e+03	0.79	y	n	1.1339
56	3	PCB-55	33:43	6.258e+03	7.893e+03	0.79	y	n	0.9106
57	4	PCB-56	34:15	7.391e+03	9.173e+03	0.81	y	n	1.0658
58	4	PCB-60	34:28	7.238e+03	9.147e+03	0.79	y	n	1.0543
59	4	PCB-80	34:52	9.003e+03	1.119e+04	0.80	y	n	1.2993
60	4	PCB-79	36:25	8.940e+03	1.114e+04	0.80	y	n	1.2918
61	4	PCB-78	37:00	7.452e+03	9.578e+03	0.78	y	n	1.0958
62	4	PCB-81	37:27	7.583e+03	9.463e+03	0.80	y	n	1.0825
63	4	PCB-77	38:01	6.872e+03	8.604e+03	0.80	y	n	1.0341
64	3	PCB-104	29:16	1.017e+04	6.651e+03	1.53	y	n	1.0013
65	3	PCB-96	29:40	9.742e+03	6.405e+03	1.52	y	n	1.0276
66	3	PCB-103	31:38	8.369e+03	5.487e+03	1.53	y	n	0.8818
67	3	PCB-94	31:52	6.324e+03	4.200e+03	1.51	y	n	0.6697
68	3	PCB-95	32:20	8.220e+03	4.944e+03	1.66	y	n	0.8377
69	3	PCB-93/100	32:34	1.614e+04	9.991e+03	1.62	y	n	0.8315
70	3	PCB-98/102	32:42	1.494e+04	9.861e+03	1.52	y	n	0.7893
71	3	PCB-88/91	33:07	1.477e+04	9.726e+03	1.52	y	y	0.7796
72	3	PCB-84	33:27	6.560e+03	4.309e+03	1.52	y	n	0.6917
73	3	PCB-89	33:56	7.287e+03	4.960e+03	1.47	y	n	0.7794
74	4	PCB-121	34:21	9.337e+03	6.127e+03	1.52	y	n	0.9841
75	4	PCB-92	34:44	7.297e+03	4.619e+03	1.58	y	n	0.7583
76	4	PCB-90/101/113	35:19	2.502e+04	1.587e+04	1.58	y	y	0.8674
77	4	PCB-83/99	35:55	1.517e+04	9.260e+03	1.64	y	y	0.7772
78	4	PCB-112	36:03	9.282e+03	5.779e+03	1.61	y	y	0.9585
79	4	PCB-86/87/97/109/119/125	36:25	5.017e+04	3.216e+04	1.56	y	y	0.8732
80	4	PCB-117	37:05	8.700e+03	6.784e+03	1.28	n	n	0.9855
81	4	PCB-85/116	37:10	1.781e+04	1.061e+04	1.68	y	n	0.9042
82	4	PCB-110/115	37:21	1.986e+04	1.264e+04	1.57	y	y	1.0341
83	4	PCB-82	37:41	6.379e+03	4.026e+03	1.58	y	y	0.6622
84	4	PCB-111	38:03	9.785e+03	6.208e+03	1.58	y	n	1.0179
85	4	PCB-120	38:31	1.036e+04	6.715e+03	1.54	y	n	1.0869
86	5	PCB-108/124	39:41	1.863e+04	1.211e+04	1.54	y	y	0.9784
87	5	PCB-107	39:56	1.047e+04	7.074e+03	1.48	y	n	1.1168
88	5	PCB-123	40:02	8.851e+03	5.671e+03	1.56	y	n	1.0575
89	5	PCB-106	40:10	9.652e+03	6.150e+03	1.57	y	n	1.0056
90	5	PCB-118	40:23	8.856e+03	5.970e+03	1.48	y	n	1.0742
91	5	PCB-122	40:44	8.659e+03	5.742e+03	1.51	y	n	0.9165
92	5	PCB-114	40:56	8.998e+03	5.909e+03	1.52	y	n	1.0654
93	5	PCB-105	41:35	9.187e+03	6.062e+03	1.52	y	n	1.0561
94	5	PCB-127	43:03	8.873e+03	5.721e+03	1.55	y	n	0.9287
95	5	PCB-126	44:42	8.209e+03	5.335e+03	1.54	y	n	1.0305
96	4	PCB-155	35:06	1.023e+04	8.830e+03	1.16	y	n	0.9739
97	4	PCB-152	35:19	1.052e+04	8.736e+03	1.20	y	n	1.5248
98	4	PCB-150	35:28	9.668e+03	7.759e+03	1.25	y	n	1.3800
99	4	PCB-136	35:51	9.722e+03	7.764e+03	1.25	y	n	1.3846
100	4	PCB-145	36:09	9.444e+03	7.854e+03	1.20	y	n	1.3698
101	4	PCB-148	37:41	7.396e+03	5.974e+03	1.24	y	n	1.0587
102	4	PCB-135/151	38:16	1.474e+04	1.223e+04	1.21	y	n	1.0677
103	4	PCB-154	38:32	9.014e+03	7.486e+03	1.20	y	n	1.3066
104	4	PCB-144	38:51	7.934e+03	6.262e+03	1.27	y	n	1.1241
105	5	PCB-147/149	39:13	1.354e+04	1.081e+04	1.25	y	n	0.9643
106	5	PCB-134	39:26	5.952e+03	4.738e+03	1.26	y	n	0.8465
107	5	PCB-143	39:31	5.849e+03	4.689e+03	1.25	y	n	0.8344

108	5	PCB-139/140	39:49	1.310e+04	1.052e+04	1.25	y	n	0.9350
109	5	PCB-131	40:02	5.785e+03	4.772e+03	1.21	y	n	0.8360
110	5	PCB-142	40:12	5.636e+03	4.512e+03	1.25	y	n	0.8036
111	5	PCB-132	40:29	5.692e+03	4.578e+03	1.24	y	n	0.8132
112	5	PCB-133	40:59	6.231e+03	4.899e+03	1.27	y	n	0.8814
113	5	PCB-165	41:23	7.758e+03	6.213e+03	1.25	y	n	1.1063
114	5	PCB-146	41:38	7.303e+03	5.990e+03	1.22	y	n	1.0527
115	5	PCB-161	41:46	8.225e+03	6.781e+03	1.21	y	n	1.1883
116	5	PCB-153/168	42:17	1.549e+04	1.267e+04	1.22	y	n	1.1152
117	5	PCB-141	42:28	6.513e+03	5.248e+03	1.24	y	n	0.9314
118	5	PCB-130	42:53	5.639e+03	4.531e+03	1.24	y	n	0.8053
119	5	PCB-137	43:06	6.436e+03	5.340e+03	1.21	y	n	0.9325
120	5	PCB-164	43:14	7.815e+03	6.541e+03	1.19	y	n	1.1367
121	5	PCB-129/138/163	43:33	2.039e+04	1.649e+04	1.24	y	n	0.9736
122	5	PCB-160	43:42	7.421e+03	5.942e+03	1.25	y	n	1.0581
123	5	PCB-158	43:56	8.980e+03	7.197e+03	1.25	y	n	1.2810
124	5	PCB-128/166	44:48	1.398e+04	1.108e+04	1.26	y	n	0.9920
125	6	PCB-159	45:48	6.898e+03	5.408e+03	1.28	y	n	0.9745
126	6	PCB-162	46:05	6.974e+03	5.509e+03	1.27	y	n	0.9885
127	6	PCB-167	46:34	6.934e+03	5.386e+03	1.29	y	n	1.0360
128	6	PCB-156/157	47:44	1.282e+04	1.011e+04	1.27	y	n	1.0584
129	6	PCB-169	51:01	5.528e+03	4.418e+03	1.25	y	n	1.0398
130	5	PCB-188	40:54	7.981e+03	8.156e+03	0.98	y	n	0.9356
131	5	PCB-179	41:15	8.748e+03	8.552e+03	1.02	y	n	1.2120
132	5	PCB-184	41:46	8.231e+03	8.435e+03	0.98	y	n	1.1675
133	5	PCB-176	42:09	8.360e+03	8.274e+03	1.01	y	n	1.1653
134	5	PCB-186	42:37	7.713e+03	7.775e+03	0.99	y	n	1.0851
135	5	PCB-178	43:59	5.673e+03	5.989e+03	0.95	y	n	0.8170
136	5	PCB-175	44:37	6.099e+03	6.148e+03	0.99	y	n	0.8580
137	5	PCB-187	44:54	6.343e+03	6.233e+03	1.02	y	n	0.8810
138	5	PCB-182	45:06	6.271e+03	6.116e+03	1.03	y	n	0.8678
139	6	PCB-183	45:31	4.724e+03	4.767e+03	0.99	y	n	0.6649
140	6	PCB-185	45:38	3.985e+03	4.032e+03	0.99	y	n	0.5616
141	6	PCB-174	45:47	4.113e+03	4.228e+03	0.97	y	n	0.5843
142	6	PCB-177	46:13	3.857e+03	3.974e+03	0.97	y	n	0.5486
143	6	PCB-181	46:38	4.019e+03	4.131e+03	0.97	y	n	0.5709
144	6	PCB-171/173	46:51	7.849e+03	7.841e+03	1.00	y	n	0.5496
145	6	PCB-172	48:29	3.884e+03	4.002e+03	0.97	y	n	0.5525
146	6	PCB-192	48:46	4.712e+03	4.786e+03	0.98	y	n	0.6654
147	6	PCB-180/193	49:05	9.720e+03	1.018e+04	0.95	y	n	0.6970
148	6	PCB-191	49:30	5.291e+03	5.323e+03	0.99	y	n	0.7436
149	6	PCB-170	50:25	3.610e+03	3.848e+03	0.94	y	n	0.5225
150	6	PCB-190	50:57	5.053e+03	5.327e+03	0.95	y	n	0.7272
151	6	PCB-189	53:32	4.429e+03	4.384e+03	1.01	y	n	0.9082
152	6	PCB-202	46:21	7.043e+03	8.438e+03	0.83	y	n	0.8656
153	6	PCB-201	47:16	8.462e+03	9.767e+03	0.87	y	n	1.0723
154	6	PCB-204	47:56	8.142e+03	9.809e+03	0.83	y	n	1.0559
155	6	PCB-197	48:11	8.232e+03	9.675e+03	0.85	y	n	1.0533
156	6	PCB-200	48:18	7.713e+03	8.914e+03	0.87	y	n	0.9780
157	6	PCB-198/199	51:05	1.059e+04	1.232e+04	0.86	y	n	0.6739
158	6	PCB-196	51:47	5.667e+03	6.633e+03	0.85	y	n	0.7235
159	6	PCB-203	51:59	5.683e+03	6.754e+03	0.84	y	n	0.7316
160	6	PCB-195	53:19	5.100e+03	6.193e+03	0.82	y	n	0.6643
161	6	PCB-194	55:39	5.148e+03	5.983e+03	0.86	y	n	0.6547
162	6	PCB-205	56:08	5.987e+03	6.935e+03	0.86	y	n	0.9140
163	6	PCB-208	53:04	7.059e+03	9.024e+03	0.78	y	n	0.9177
164	6	PCB-207	54:00	6.995e+03	8.862e+03	0.79	y	n	1.1409

165	7	PCB-206	57:54	4.095e+03	5.434e+03	0.75	y	n	0.9315
166	7	PCB-209	59:31	7.374e+03	6.300e+03	1.17	y	n	0.9182
167	1	PCB-11L	14:07	2.804e+04	9.159e+03	3.06	y	n	1.1412
168	1	PCB-3L	16:33	2.938e+04	9.489e+03	3.10	y	n	1.1700
169	1	PCB-4L	16:49	1.918e+04	1.283e+04	1.50	y	n	0.9044
170	2	PCB-15L	23:12	2.020e+04	1.314e+04	1.54	y	n	1.0133
171	2	PCB-19L	20:13	1.062e+04	1.017e+04	1.04	y	n	0.6088
172	3	PCB-37L	30:32	1.755e+04	1.659e+04	1.06	y	n	1.3134
173	2	PCB-54L	23:30	1.354e+04	1.768e+04	0.77	y	n	1.2458
174	4	PCB-81L	37:26	1.391e+04	1.779e+04	0.78	y	n	1.1046
175	4	PCB-77L	38:00	1.328e+04	1.706e+04	0.78	y	n	1.0985
176	3	PCB-104L	29:16	2.055e+04	1.337e+04	1.54	y	n	1.4387
177	5	PCB-123L	40:01	1.836e+04	1.170e+04	1.57	y	n	1.1937
178	5	PCB-118L	40:21	1.947e+04	1.239e+04	1.57	y	n	1.2312
179	5	PCB-114L	40:54	1.807e+04	1.178e+04	1.53	y	n	1.2109
180	5	PCB-105L	41:33	1.767e+04	1.164e+04	1.52	y	n	1.1749
181	5	PCB-126L	44:40	1.681e+04	1.086e+04	1.55	y	n	1.0879
182	4	PCB-155L	35:04	2.244e+04	1.735e+04	1.29	y	n	1.5883
183	6	PCB-167L	46:33	1.274e+04	1.036e+04	1.23	y	n	1.0242
184	6	PCB-156/157L	47:43	2.465e+04	1.993e+04	1.24	y	n	0.9453
185	6	PCB-169L	50:59	1.032e+04	8.488e+03	1.22	y	n	0.8592
186	5	PCB-188L	40:52	1.861e+04	1.868e+04	1.00	y	n	2.4224
187	6	PCB-189L	53:31	9.995e+03	9.810e+03	1.02	y	n	1.4398
188	6	PCB-202L	46:18	1.140e+04	1.289e+04	0.88	y	n	1.6944
189	6	PCB-205L	56:07	9.756e+03	1.129e+04	0.86	y	n	1.2965
190	6	PCB-208L	53:02	9.832e+03	1.315e+04	0.75	y	n	1.4223
191	7	PCB-206L	57:53	6.062e+03	8.013e+03	0.76	y	n	1.1133
192	7	PCB-209L	59:29	1.100e+04	9.569e+03	1.15	y	n	1.5331
193	3	PCB-28L	26:23	1.805e+04	1.750e+04	1.03	y	n	1.5041
194	4	PCB-111L	38:01	1.983e+04	1.297e+04	1.53	y	n	1.2303
195	5	PCB-178L	43:57	1.212e+04	1.194e+04	1.01	y	n	0.9004
196	2	PCB-9L	18:59	2.193e+04	1.391e+04	1.58	y	n	-
197	3	PCB-52L	28:16	1.161e+04	1.504e+04	0.77	y	n	-
198	4	PCB-101L	35:18	1.715e+04	1.041e+04	1.65	y	n	-
199	5	PCB-138L	43:31	1.442e+04	1.148e+04	1.26	y	n	-
200	6	PCB-194L	55:38	8.181e+03	9.423e+03	0.87	y	n	-

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio SummaryCLIENT ID.
PCB 209 INJECTION

Run #1 Filename U221015#1 Samp: 1 Inj: 1 Acquired: 19-OCT-09 10:47:32

Processed: 20-APR-10 10:56:38 LAB. ID: PCB 209 INJECTION

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	2.00e+06	2.88e+03	7.0e+02	6.34e+05	2.75e+03	2.3e+02
2	PCB-2	1.75e+06	2.88e+03	6.1e+02	5.30e+05	2.75e+03	1.9e+02
3	PCB-3	1.59e+06	2.88e+03	5.5e+02	5.05e+05	2.75e+03	1.8e+02
4	PCB-4	8.77e+05	1.92e+03	4.6e+02	5.67e+05	3.21e+03	1.8e+02
5	PCB-10	1.35e+06	1.92e+03	7.0e+02	8.95e+05	3.21e+03	2.8e+02
6	PCB-9	1.16e+06	2.10e+03	5.5e+02	7.18e+05	4.04e+03	1.8e+02
7	PCB-7	1.11e+06	2.10e+03	5.3e+02	7.00e+05	4.04e+03	1.7e+02
8	PCB-6	1.14e+06	2.10e+03	5.4e+02	6.85e+05	4.04e+03	1.7e+02
9	PCB-5	9.76e+05	2.10e+03	4.7e+02	6.22e+05	4.04e+03	1.5e+02
10	PCB-8	1.13e+06	2.10e+03	5.4e+02	7.27e+05	4.04e+03	1.8e+02
11	PCB-14	1.06e+06	2.10e+03	5.0e+02	6.46e+05	4.04e+03	1.6e+02
12	PCB-11	9.62e+05	2.10e+03	4.6e+02	6.02e+05	4.04e+03	1.5e+02
13	PCB-12/13	1.52e+06	2.10e+03	7.2e+02	9.49e+05	4.04e+03	2.3e+02
14	PCB-15	9.39e+05	2.10e+03	4.5e+02	5.89e+05	4.04e+03	1.5e+02
15	PCB-19	4.92e+05	1.62e+03	3.0e+02	4.74e+05	2.79e+03	1.7e+02
16	PCB-18/30	1.08e+06	1.62e+03	6.7e+02	1.05e+06	2.79e+03	3.8e+02
17	PCB-17	5.05e+05	1.62e+03	3.1e+02	4.72e+05	2.79e+03	1.7e+02
18	PCB-27	7.15e+05	1.62e+03	4.4e+02	7.12e+05	2.79e+03	2.6e+02
19	PCB-24	6.50e+05	1.62e+03	4.0e+02	6.53e+05	2.79e+03	2.3e+02
20	PCB-16	4.03e+05	1.62e+03	2.5e+02	4.07e+05	2.79e+03	1.5e+02
21	PCB-32	7.45e+05	1.62e+03	4.6e+02	7.34e+05	2.79e+03	2.6e+02
22	PCB-34	8.01e+05	4.80e+03	1.7e+02	7.40e+05	1.12e+04	6.6e+01
23	PCB-23	7.31e+05	4.80e+03	1.5e+02	6.70e+05	1.12e+04	6.0e+01
24	PCB-26/29	1.46e+06	4.80e+03	3.0e+02	1.31e+06	1.12e+04	1.2e+02
25	PCB-25	8.28e+05	4.80e+03	1.7e+02	7.81e+05	1.12e+04	7.0e+01
26	PCB-31	8.26e+05	4.80e+03	1.7e+02	7.96e+05	1.12e+04	7.1e+01
27	PCB-20/28	1.42e+06	4.80e+03	3.0e+02	1.33e+06	1.12e+04	1.2e+02
28	PCB-21/33	1.18e+06	4.80e+03	2.5e+02	1.11e+06	1.12e+04	9.9e+01
29	PCB-22	7.34e+05	4.80e+03	1.5e+02	6.79e+05	1.12e+04	6.1e+01
30	PCB-36	7.94e+05	4.80e+03	1.7e+02	7.80e+05	1.12e+04	7.0e+01
31	PCB-39	8.01e+05	4.80e+03	1.7e+02	7.53e+05	1.12e+04	6.7e+01
32	PCB-38	7.81e+05	4.80e+03	1.6e+02	7.35e+05	1.12e+04	6.6e+01
33	PCB-35	7.24e+05	4.80e+03	1.5e+02	6.83e+05	1.12e+04	6.1e+01
34	PCB-37	6.97e+05	4.80e+03	1.5e+02	6.24e+05	1.12e+04	5.6e+01
35	PCB-54	1.19e+06	9.04e+02	1.3e+03	1.56e+06	9.44e+02	1.7e+03
36	PCB-50/53	1.44e+06	8.16e+02	1.8e+03	1.86e+06	9.40e+02	2.0e+03
37	PCB-45/51	9.92e+05	8.16e+02	1.2e+03	1.26e+06	9.40e+02	1.3e+03
38	PCB-46	6.59e+05	8.16e+02	8.1e+02	8.46e+05	9.40e+02	9.0e+02
39	PCB-52	8.73e+05	8.16e+02	1.1e+03	1.14e+06	9.40e+02	1.2e+03
40	PCB-43/73	1.08e+06	8.16e+02	1.3e+03	1.36e+06	9.40e+02	1.4e+03
41	PCB-49/69	1.54e+06	8.16e+02	1.9e+03	2.00e+06	9.40e+02	2.1e+03
42	PCB-48	7.90e+05	8.16e+02	9.7e+02	1.03e+06	9.40e+02	1.1e+03
43	PCB-44/47/65	2.41e+06	8.16e+02	3.0e+03	3.09e+06	9.40e+02	3.3e+03
44	PCB-59/62/75	2.66e+06	8.16e+02	3.3e+03	3.44e+06	9.40e+02	3.7e+03
45	PCB-42	7.64e+05	8.16e+02	9.4e+02	9.97e+05	9.40e+02	1.1e+03
46	PCB-40/41/71	1.74e+06	8.16e+02	2.1e+03	2.31e+06	9.40e+02	2.5e+03
47	PCB-64	1.19e+06	8.16e+02	1.5e+03	1.54e+06	9.40e+02	1.6e+03

48	PCB-72	1.25e+06	8.16e+02	1.5e+03	1.57e+06	9.40e+02	1.7e+03
49	PCB-68	1.17e+06	8.16e+02	1.4e+03	1.52e+06	9.40e+02	1.6e+03
50	PCB-57	1.20e+06	8.16e+02	1.5e+03	1.56e+06	9.40e+02	1.7e+03
51	PCB-58	1.12e+06	8.16e+02	1.4e+03	1.39e+06	9.40e+02	1.5e+03
52	PCB-67	1.26e+06	8.16e+02	1.5e+03	1.61e+06	9.40e+02	1.7e+03
53	PCB-63	1.24e+06	8.16e+02	1.5e+03	1.61e+06	9.40e+02	1.7e+03
54	PCB-61/70/74/76	2.73e+06	8.16e+02	3.4e+03	3.50e+06	9.40e+02	3.7e+03
55	PCB-66	1.22e+06	8.16e+02	1.5e+03	1.58e+06	9.40e+02	1.7e+03
56	PCB-55	1.06e+06	8.16e+02	1.3e+03	1.34e+06	9.40e+02	1.4e+03
57	PCB-56	1.27e+06	3.04e+03	4.2e+02	1.55e+06	5.93e+03	2.6e+02
58	PCB-60	1.21e+06	3.04e+03	4.0e+02	1.52e+06	5.93e+03	2.6e+02
59	PCB-80	1.55e+06	3.04e+03	5.1e+02	1.88e+06	5.93e+03	3.2e+02
60	PCB-79	1.46e+06	3.04e+03	4.8e+02	1.84e+06	5.93e+03	3.1e+02
61	PCB-78	1.27e+06	3.04e+03	4.2e+02	1.63e+06	5.93e+03	2.8e+02
62	PCB-81	1.30e+06	3.04e+03	4.3e+02	1.63e+06	5.93e+03	2.7e+02
63	PCB-77	1.21e+06	3.04e+03	4.0e+02	1.49e+06	5.93e+03	2.5e+02
64	PCB-104	1.59e+06	9.20e+02	1.7e+03	1.04e+06	1.52e+03	6.8e+02
65	PCB-96	1.56e+06	9.20e+02	1.7e+03	1.00e+06	1.52e+03	6.6e+02
66	PCB-103	1.39e+06	9.20e+02	1.5e+03	8.89e+05	1.52e+03	5.9e+02
67	PCB-94	1.03e+06	9.20e+02	1.1e+03	7.03e+05	1.52e+03	4.6e+02
68	PCB-95	1.37e+06	9.20e+02	1.5e+03	8.19e+05	1.52e+03	5.4e+02
69	PCB-93/100	2.34e+06	9.20e+02	2.5e+03	1.48e+06	1.52e+03	9.7e+02
70	PCB-98/102	1.70e+06	9.20e+02	1.8e+03	1.15e+06	1.52e+03	7.5e+02
71	PCB-88/91	1.36e+06	9.20e+02	1.5e+03	8.98e+05	1.52e+03	5.9e+02
72	PCB-84	1.08e+06	9.20e+02	1.2e+03	7.10e+05	1.52e+03	4.7e+02
73	PCB-89	1.25e+06	9.20e+02	1.4e+03	8.55e+05	1.52e+03	5.6e+02
74	PCB-121	1.63e+06	3.08e+03	5.3e+02	1.06e+06	2.78e+03	3.8e+02
75	PCB-92	1.26e+06	3.08e+03	4.1e+02	7.92e+05	2.78e+03	2.8e+02
76	PCB-90/101/113	3.06e+06	3.08e+03	9.9e+02	1.94e+06	2.78e+03	7.0e+02
77	PCB-83/99	1.52e+06	3.08e+03	4.9e+02	9.28e+05	2.78e+03	3.3e+02
78	PCB-112	1.67e+06	3.08e+03	5.4e+02	1.05e+06	2.78e+03	3.8e+02
79	CB-86/87/97/109/119/125	5.10e+06	3.08e+03	1.7e+03	3.30e+06	2.78e+03	1.2e+03
80	PCB-117	1.86e+06	3.08e+03	6.0e+02	1.20e+06	2.78e+03	4.3e+02
81	PCB-85/116	2.90e+06	3.08e+03	9.4e+02	1.92e+06	2.78e+03	6.9e+02
82	PCB-110/115	1.99e+06	3.08e+03	6.5e+02	1.26e+06	2.78e+03	4.5e+02
83	PCB-82	1.11e+06	3.08e+03	3.6e+02	6.86e+05	2.78e+03	2.5e+02
84	PCB-111	1.74e+06	3.08e+03	5.6e+02	1.13e+06	2.78e+03	4.1e+02
85	PCB-120	1.86e+06	3.08e+03	6.0e+02	1.21e+06	2.78e+03	4.3e+02
86	PCB-108/124	3.28e+06	1.07e+05	3.1e+01	2.09e+06	3.77e+03	5.5e+02
87	PCB-107	1.80e+06	1.07e+05	1.7e+01	1.16e+06	3.77e+03	3.1e+02
88	PCB-123	1.67e+06	1.07e+05	1.6e+01	1.08e+06	3.77e+03	2.9e+02
89	PCB-106	1.67e+06	1.07e+05	1.6e+01	1.06e+06	3.77e+03	2.8e+02
90	PCB-118	1.55e+06	1.07e+05	1.4e+01	1.02e+06	3.77e+03	2.7e+02
91	PCB-122	1.57e+06	1.07e+05	1.5e+01	1.05e+06	3.77e+03	2.8e+02
92	PCB-114	1.54e+06	1.07e+05	1.4e+01	1.01e+06	3.77e+03	2.7e+02
93	PCB-105	1.60e+06	1.07e+05	1.5e+01	1.05e+06	3.77e+03	2.8e+02
94	PCB-127	1.55e+06	1.07e+05	1.5e+01	9.58e+05	3.77e+03	2.5e+02
95	PCB-126	1.37e+06	1.07e+05	1.3e+01	8.78e+05	3.77e+03	2.3e+02
96	PCB-155	1.84e+06	7.24e+02	2.5e+03	1.54e+06	9.00e+02	1.7e+03
97	PCB-152	1.78e+06	7.24e+02	2.5e+03	1.45e+06	9.00e+02	1.6e+03
98	PCB-150	1.73e+06	7.24e+02	2.4e+03	1.39e+06	9.00e+02	1.5e+03
99	PCB-136	1.69e+06	7.24e+02	2.3e+03	1.37e+06	9.00e+02	1.5e+03
100	PCB-145	1.68e+06	7.24e+02	2.3e+03	1.38e+06	9.00e+02	1.5e+03
101	PCB-148	1.30e+06	7.24e+02	1.8e+03	1.05e+06	9.00e+02	1.2e+03
102	PCB-135/151	1.62e+06	7.24e+02	2.2e+03	1.32e+06	9.00e+02	1.5e+03
103	PCB-154	1.61e+06	7.24e+02	2.2e+03	1.34e+06	9.00e+02	1.5e+03
104	PCB-144	1.43e+06	7.24e+02	2.0e+03	1.12e+06	9.00e+02	1.2e+03

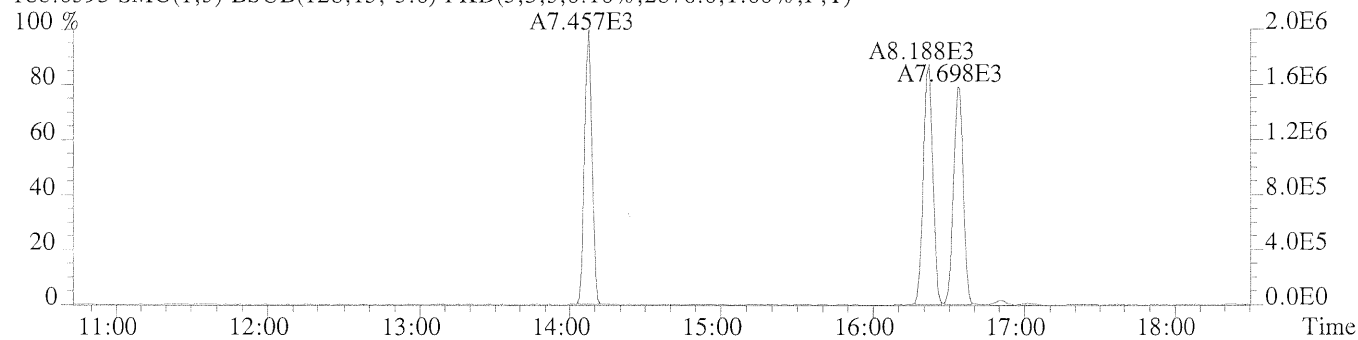
105	PCB-147/149	2.37e+06	3.08e+03	7.7e+02	1.91e+06	5.45e+03	3.5e+02
106	PCB-134	1.07e+06	3.08e+03	3.5e+02	8.44e+05	5.45e+03	1.5e+02
107	PCB-143	1.11e+06	3.08e+03	3.6e+02	9.04e+05	5.45e+03	1.7e+02
108	PCB-139/140	2.16e+06	3.08e+03	7.0e+02	1.71e+06	5.45e+03	3.1e+02
109	PCB-131	9.99e+05	3.08e+03	3.2e+02	8.38e+05	5.45e+03	1.5e+02
110	PCB-142	1.02e+06	3.08e+03	3.3e+02	7.95e+05	5.45e+03	1.5e+02
111	PCB-132	1.03e+06	3.08e+03	3.3e+02	8.28e+05	5.45e+03	1.5e+02
112	PCB-133	1.09e+06	3.08e+03	3.5e+02	8.78e+05	5.45e+03	1.6e+02
113	PCB-165	1.37e+06	3.08e+03	4.4e+02	1.08e+06	5.45e+03	2.0e+02
114	PCB-146	1.25e+06	3.08e+03	4.1e+02	1.03e+06	5.45e+03	1.9e+02
115	PCB-161	1.50e+06	3.08e+03	4.9e+02	1.22e+06	5.45e+03	2.2e+02
116	PCB-153/168	2.13e+06	3.08e+03	6.9e+02	1.75e+06	5.45e+03	3.2e+02
117	PCB-141	1.19e+06	3.08e+03	3.9e+02	9.46e+05	5.45e+03	1.7e+02
118	PCB-130	1.03e+06	3.08e+03	3.3e+02	8.27e+05	5.45e+03	1.5e+02
119	PCB-137	1.13e+06	3.08e+03	3.7e+02	9.34e+05	5.45e+03	1.7e+02
120	PCB-164	1.45e+06	3.08e+03	4.7e+02	1.22e+06	5.45e+03	2.2e+02
121	PCB-129/138/163	2.87e+06	3.08e+03	9.3e+02	2.31e+06	5.45e+03	4.2e+02
122	PCB-160	1.32e+06	3.08e+03	4.3e+02	1.06e+06	5.45e+03	1.9e+02
123	PCB-158	1.59e+06	3.08e+03	5.2e+02	1.23e+06	5.45e+03	2.3e+02
124	PCB-128/166	2.17e+06	3.08e+03	7.0e+02	1.74e+06	5.45e+03	3.2e+02
125	PCB-159	1.51e+06	2.28e+03	6.6e+02	1.17e+06	1.64e+03	7.1e+02
126	PCB-162	1.47e+06	2.28e+03	6.5e+02	1.16e+06	1.64e+03	7.1e+02
127	PCB-167	1.48e+06	2.28e+03	6.5e+02	1.14e+06	1.64e+03	6.9e+02
128	PCB-156/157	2.09e+06	2.28e+03	9.2e+02	1.60e+06	1.64e+03	9.7e+02
129	PCB-169	1.12e+06	2.28e+03	4.9e+02	9.06e+05	1.64e+03	5.5e+02
130	PCB-188	1.45e+06	1.00e+03	1.4e+03	1.42e+06	8.76e+02	1.6e+03
131	PCB-179	1.56e+06	1.00e+03	1.6e+03	1.52e+06	8.76e+02	1.7e+03
132	PCB-184	1.44e+06	1.00e+03	1.4e+03	1.47e+06	8.76e+02	1.7e+03
133	PCB-176	1.51e+06	1.00e+03	1.5e+03	1.47e+06	8.76e+02	1.7e+03
134	PCB-186	1.33e+06	1.00e+03	1.3e+03	1.36e+06	8.76e+02	1.6e+03
135	PCB-178	1.01e+06	1.00e+03	1.0e+03	1.08e+06	8.76e+02	1.2e+03
136	PCB-175	1.13e+06	1.00e+03	1.1e+03	1.11e+06	8.76e+02	1.3e+03
137	PCB-187	1.14e+06	1.00e+03	1.1e+03	1.14e+06	8.76e+02	1.3e+03
138	PCB-182	1.11e+06	1.00e+03	1.1e+03	1.09e+06	8.76e+02	1.2e+03
139	PCB-183	1.04e+06	1.18e+03	8.8e+02	1.04e+06	1.74e+03	6.0e+02
140	PCB-185	8.90e+05	1.18e+03	7.5e+02	8.79e+05	1.74e+03	5.1e+02
141	PCB-174	9.11e+05	1.18e+03	7.7e+02	9.24e+05	1.74e+03	5.3e+02
142	PCB-177	7.91e+05	1.18e+03	6.7e+02	8.19e+05	1.74e+03	4.7e+02
143	PCB-181	8.71e+05	1.18e+03	7.4e+02	8.89e+05	1.74e+03	5.1e+02
144	PCB-171/173	1.60e+06	1.18e+03	1.4e+03	1.59e+06	1.74e+03	9.2e+02
145	PCB-172	8.35e+05	1.18e+03	7.1e+02	8.46e+05	1.74e+03	4.9e+02
146	PCB-192	1.03e+06	1.18e+03	8.7e+02	1.05e+06	1.74e+03	6.0e+02
147	PCB-180/193	1.47e+06	1.18e+03	1.2e+03	1.54e+06	1.74e+03	8.9e+02
148	PCB-191	1.16e+06	1.18e+03	9.8e+02	1.17e+06	1.74e+03	6.7e+02
149	PCB-170	7.81e+05	1.18e+03	6.6e+02	8.11e+05	1.74e+03	4.7e+02
150	PCB-190	1.08e+06	1.18e+03	9.1e+02	1.12e+06	1.74e+03	6.4e+02
151	PCB-189	9.51e+05	1.18e+03	8.0e+02	9.08e+05	1.74e+03	5.2e+02
152	PCB-202	1.48e+06	6.92e+02	2.1e+03	1.80e+06	8.16e+02	2.2e+03
153	PCB-201	1.82e+06	6.92e+02	2.6e+03	2.11e+06	8.16e+02	2.6e+03
154	PCB-204	1.73e+06	6.92e+02	2.5e+03	2.11e+06	8.16e+02	2.6e+03
155	PCB-197	1.74e+06	6.92e+02	2.5e+03	2.07e+06	8.16e+02	2.5e+03
156	PCB-200	1.73e+06	6.92e+02	2.5e+03	2.02e+06	8.16e+02	2.5e+03
157	PCB-198/199	1.70e+06	6.92e+02	2.5e+03	1.98e+06	8.16e+02	2.4e+03
158	PCB-196	1.23e+06	6.92e+02	1.8e+03	1.45e+06	8.16e+02	1.8e+03
159	PCB-203	1.25e+06	6.92e+02	1.8e+03	1.47e+06	8.16e+02	1.8e+03
160	PCB-195	1.12e+06	6.92e+02	1.6e+03	1.36e+06	8.16e+02	1.7e+03
161	PCB-194	1.11e+06	6.92e+02	1.6e+03	1.31e+06	8.16e+02	1.6e+03
162	PCB-205	1.27e+06	6.92e+02	1.8e+03	1.48e+06	8.16e+02	1.8e+03

163	PCB-208	1.53e+06	6.36e+02	2.4e+03	1.93e+06	8.88e+02	2.2e+03
164	PCB-207	1.50e+06	6.36e+02	2.4e+03	1.91e+06	8.88e+02	2.1e+03
165	PCB-206	7.97e+05	8.24e+02	9.7e+02	1.03e+06	1.65e+03	6.3e+02
166	PCB-209	1.40e+06	8.80e+02	1.6e+03	1.20e+06	6.32e+02	1.9e+03
167	PCB-1L	7.54e+06	3.07e+03	2.5e+03	2.48e+06	7.61e+04	3.3e+01
168	PCB-3L	6.03e+06	3.07e+03	2.0e+03	1.97e+06	7.61e+04	2.6e+01
169	PCB-4L	4.03e+06	3.52e+03	1.1e+03	2.68e+06	2.40e+03	1.1e+03
170	PCB-15L	3.68e+06	3.39e+03	1.1e+03	2.39e+06	2.30e+03	1.0e+03
171	PCB-19L	2.08e+06	9.56e+03	2.2e+02	2.01e+06	5.77e+03	3.5e+02
172	PCB-37L	2.80e+06	1.11e+04	2.5e+02	2.65e+06	5.96e+03	4.4e+02
173	PCB-54L	2.45e+06	1.43e+03	1.7e+03	3.22e+06	1.63e+03	2.0e+03
174	PCB-81L	2.36e+06	1.03e+03	2.3e+03	3.01e+06	1.60e+03	1.9e+03
175	PCB-77L	2.33e+06	1.03e+03	2.3e+03	2.97e+06	1.60e+03	1.9e+03
176	PCB-104L	3.27e+06	9.04e+02	3.6e+03	2.20e+06	1.28e+03	1.7e+03
177	PCB-123L	3.29e+06	1.86e+03	1.8e+03	2.07e+06	1.58e+03	1.3e+03
178	PCB-118L	3.51e+06	1.86e+03	1.9e+03	2.23e+06	1.58e+03	1.4e+03
179	PCB-114L	3.24e+06	1.86e+03	1.7e+03	2.13e+06	1.58e+03	1.3e+03
180	PCB-105L	3.14e+06	1.86e+03	1.7e+03	2.05e+06	1.58e+03	1.3e+03
181	PCB-126L	2.95e+06	1.86e+03	1.6e+03	1.91e+06	1.58e+03	1.2e+03
182	PCB-155L	3.87e+06	1.02e+03	3.8e+03	3.07e+06	9.40e+02	3.3e+03
183	PCB-167L	2.82e+06	1.25e+03	2.3e+03	2.29e+06	7.04e+02	3.2e+03
184	PCB-156/157L	3.99e+06	1.25e+03	3.2e+03	3.22e+06	7.04e+02	4.6e+03
185	PCB-169L	2.16e+06	1.25e+03	1.7e+03	1.76e+06	7.04e+02	2.5e+03
186	PCB-188L	3.27e+06	1.46e+03	2.2e+03	3.40e+06	1.00e+03	3.4e+03
187	PCB-189L	2.15e+06	1.46e+03	1.5e+03	2.12e+06	1.31e+03	1.6e+03
188	PCB-202L	2.48e+06	9.00e+02	2.8e+03	2.81e+06	9.84e+02	2.9e+03
189	PCB-205L	2.00e+06	9.00e+02	2.2e+03	2.32e+06	9.84e+02	2.4e+03
190	PCB-208L	2.09e+06	7.80e+02	2.7e+03	2.81e+06	9.48e+02	3.0e+03
191	PCB-206L	1.17e+06	1.17e+03	1.0e+03	1.53e+06	1.48e+03	1.0e+03
192	PCB-209L	2.08e+06	6.60e+02	3.2e+03	1.79e+06	7.92e+02	2.3e+03
193	PCB-28L	2.77e+06	1.11e+04	2.5e+02	2.69e+06	5.96e+03	4.5e+02
194	PCB-111L	3.60e+06	1.19e+03	3.0e+03	2.33e+06	1.54e+03	1.5e+03
195	PCB-178L	2.13e+06	1.46e+03	1.5e+03	2.07e+06	1.00e+03	2.1e+03
196	PCB-9L	4.51e+06	3.39e+03	1.3e+03	2.87e+06	2.30e+03	1.3e+03
197	PCB-52L	1.83e+06	1.23e+03	1.5e+03	2.36e+06	1.28e+03	1.8e+03
198	PCB-101L	2.98e+06	1.19e+03	2.5e+03	1.81e+06	1.54e+03	1.2e+03
199	PCB-138L	2.53e+06	1.40e+03	1.8e+03	1.98e+06	1.22e+03	1.6e+03
200	PCB-194L	1.77e+06	9.00e+02	2.0e+03	2.04e+06	9.84e+02	2.1e+03

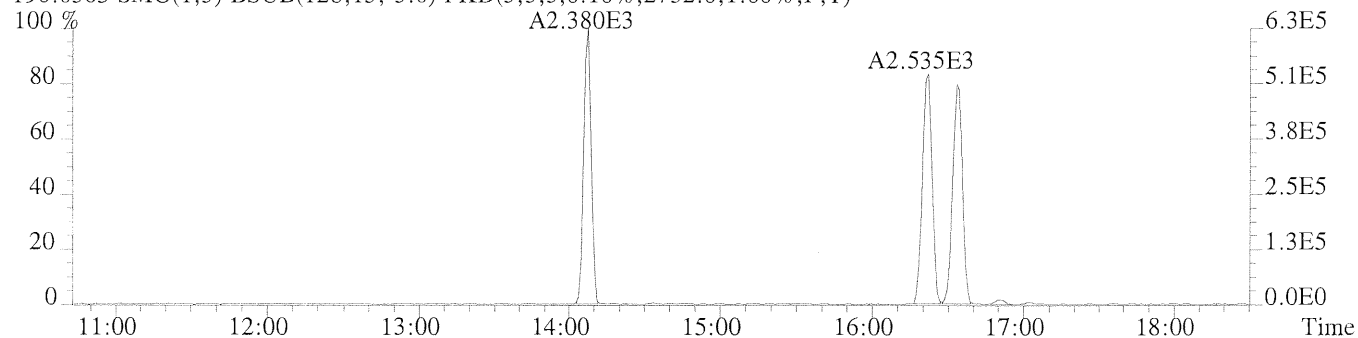
File:U221015 #1-501 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

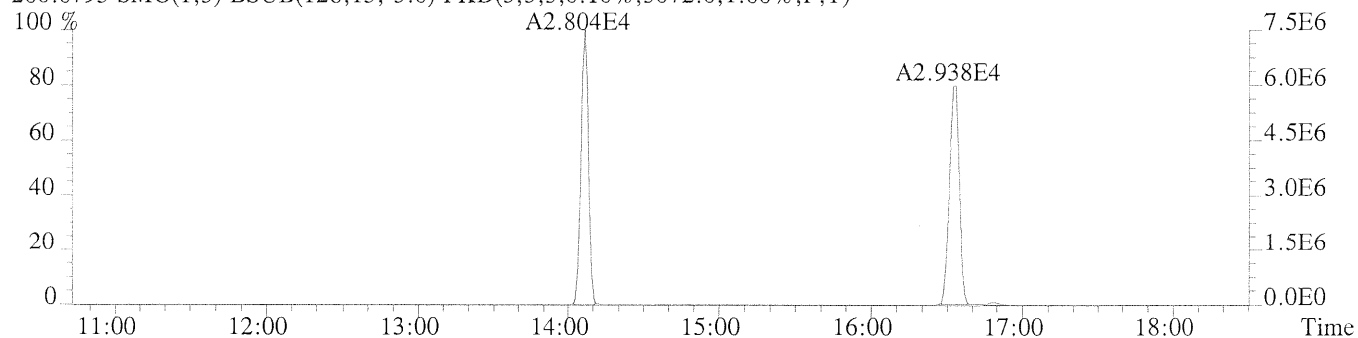
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2876.0,1.00%,F,T)



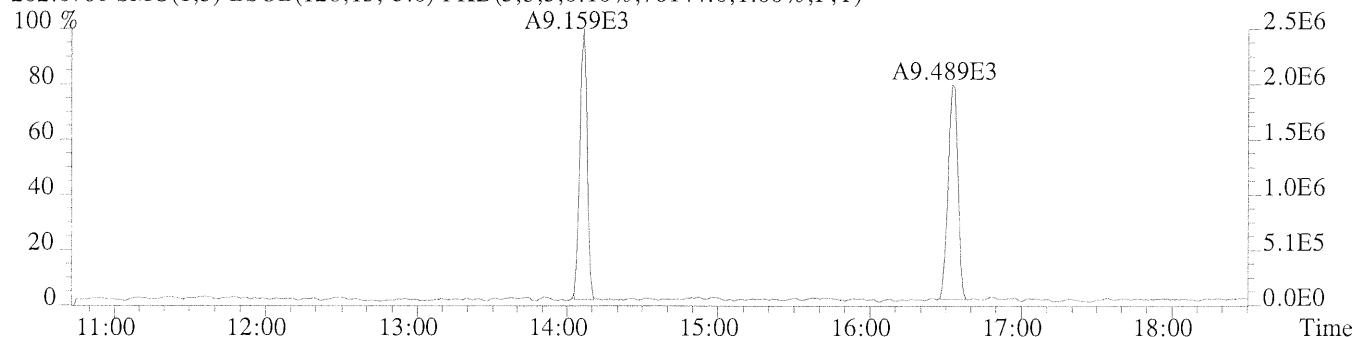
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2752.0,1.00%,F,T)



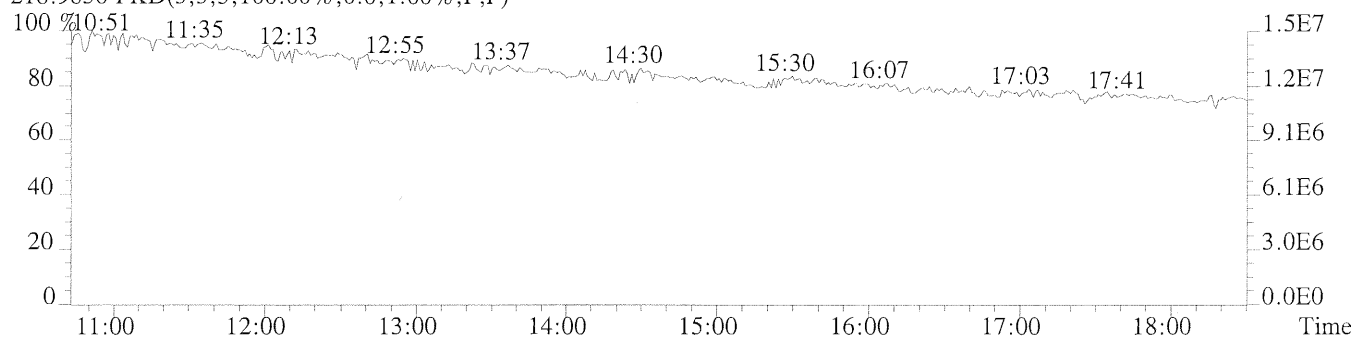
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3072.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,76144.0,1.00%,F,T)



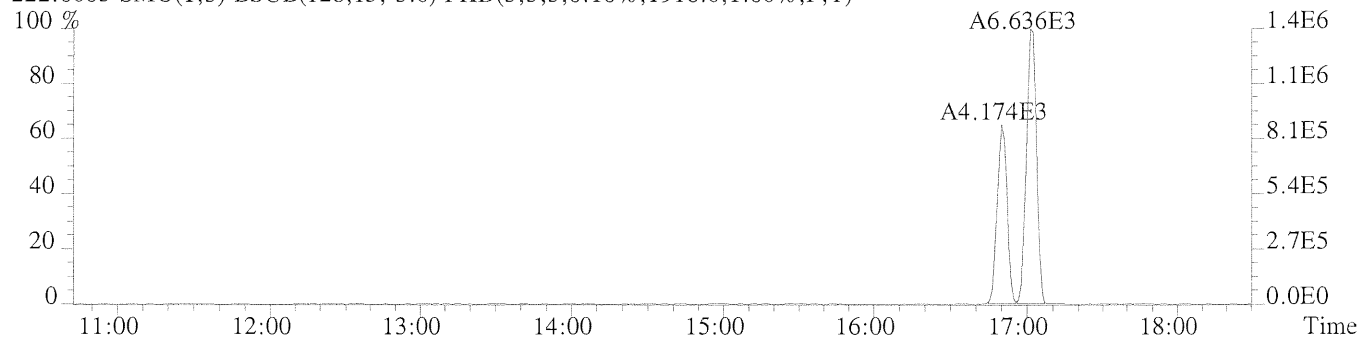
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



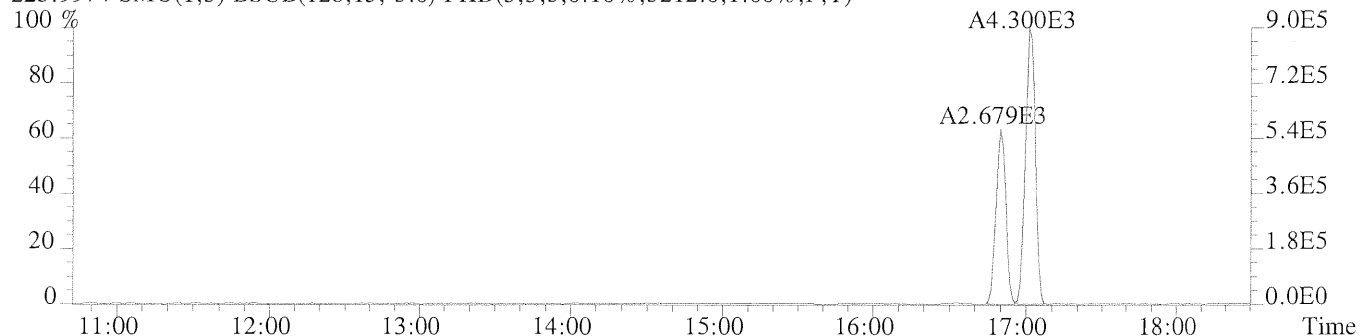
File:U221015 #1-501 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

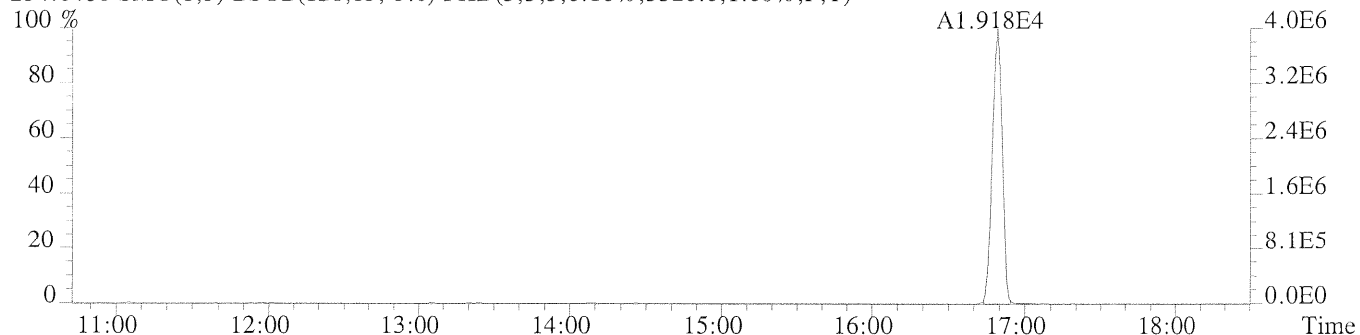
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1916.0,1.00%,F,T)



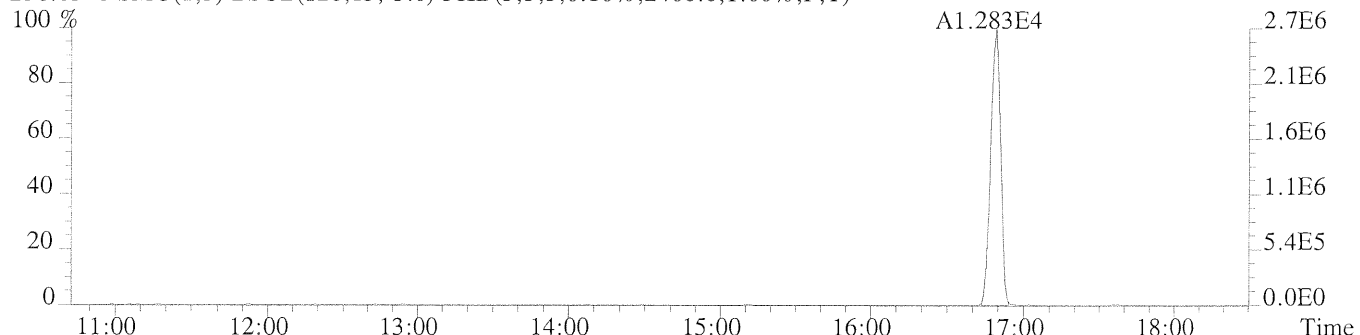
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3212.0,1.00%,F,T)



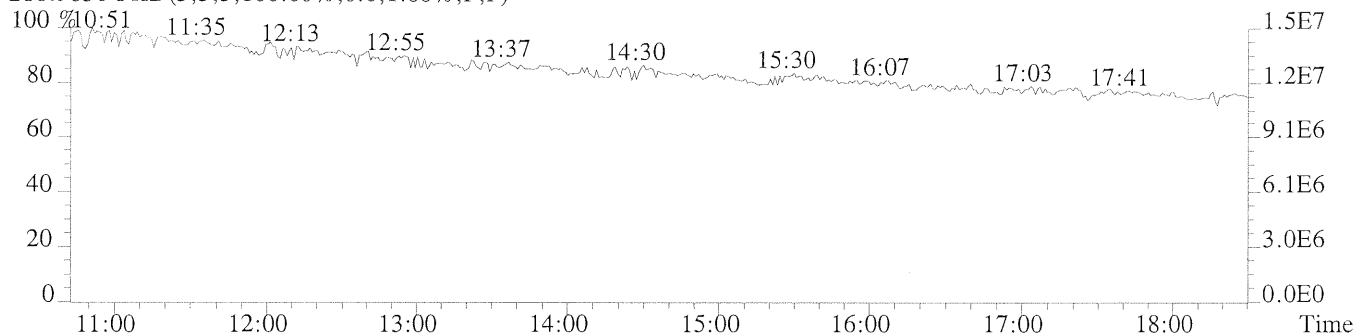
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3520.0,1.00%,F,T)

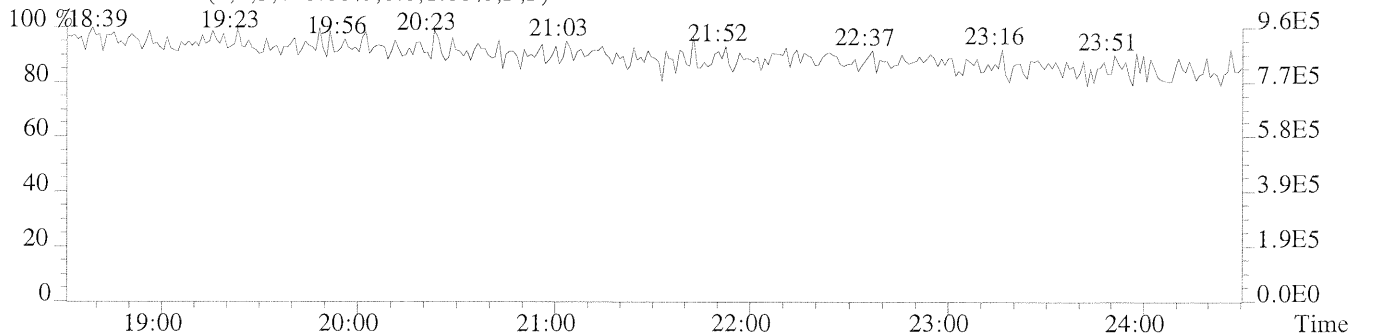
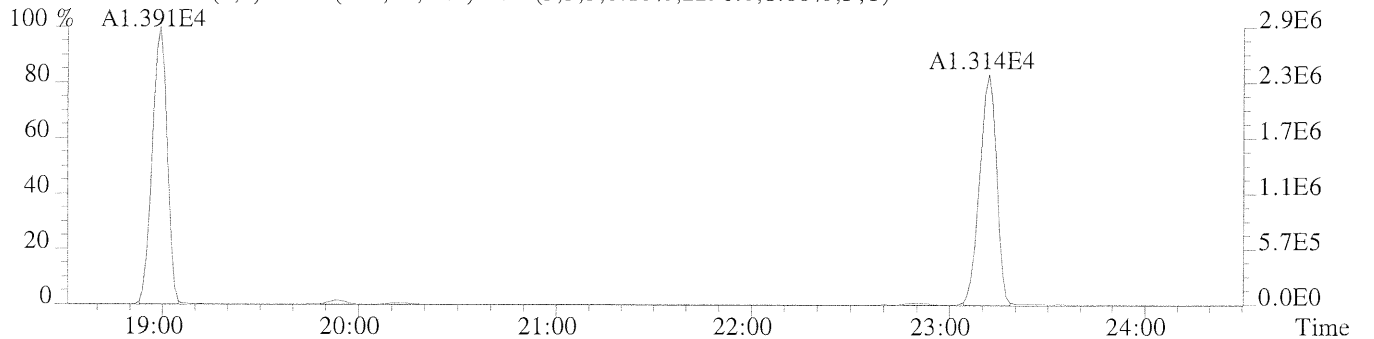
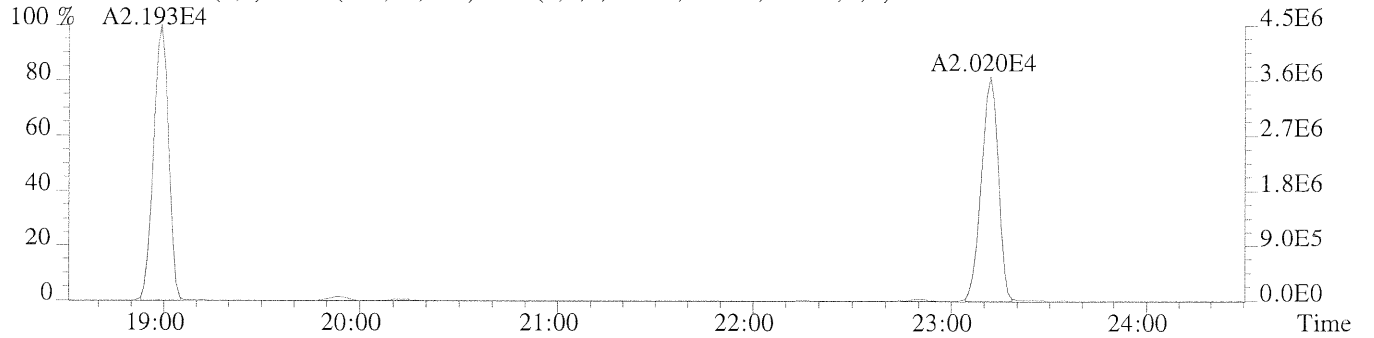
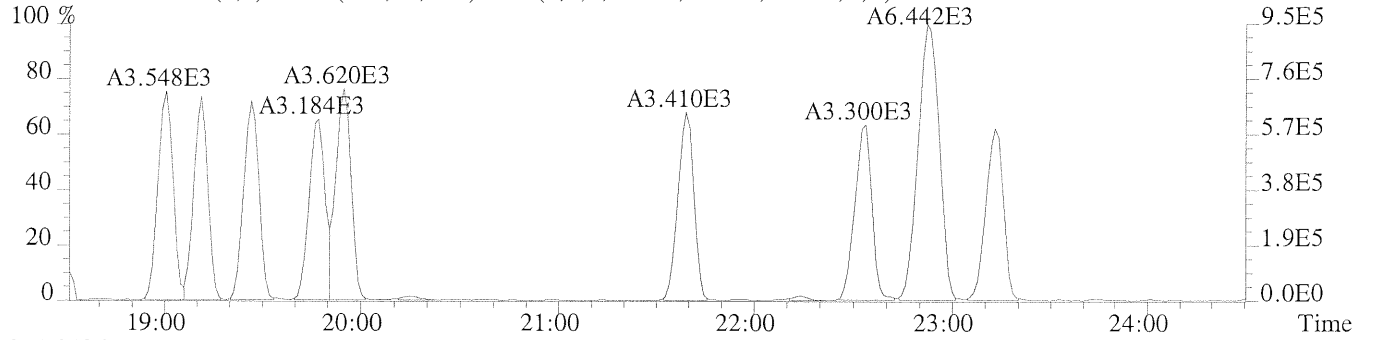
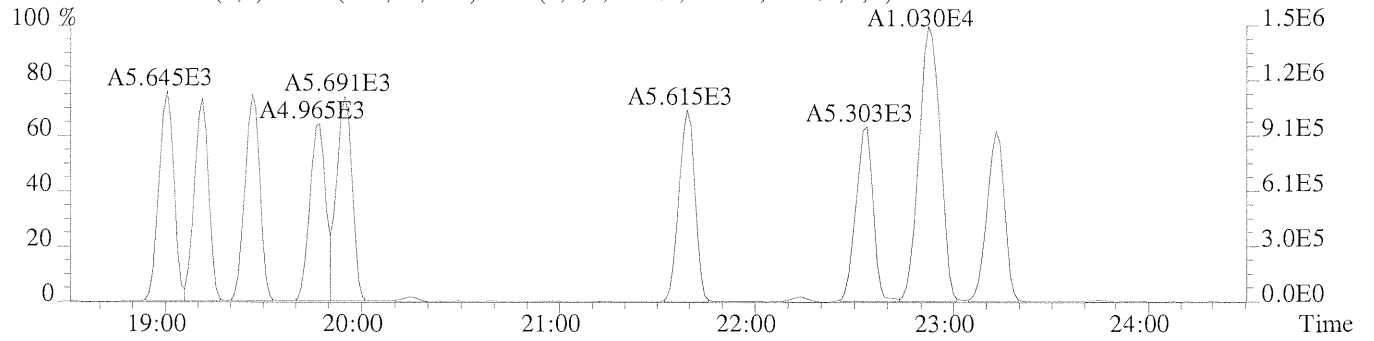


236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2400.0,1.00%,F,T)



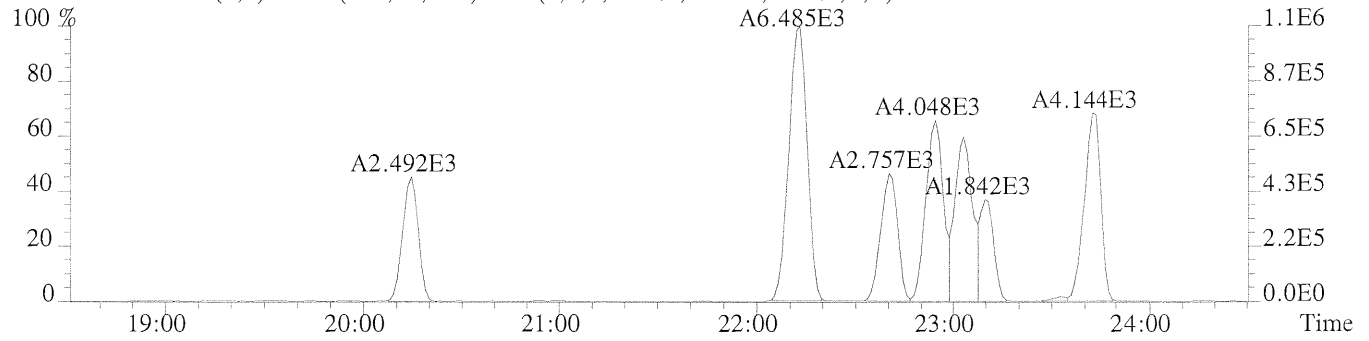
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



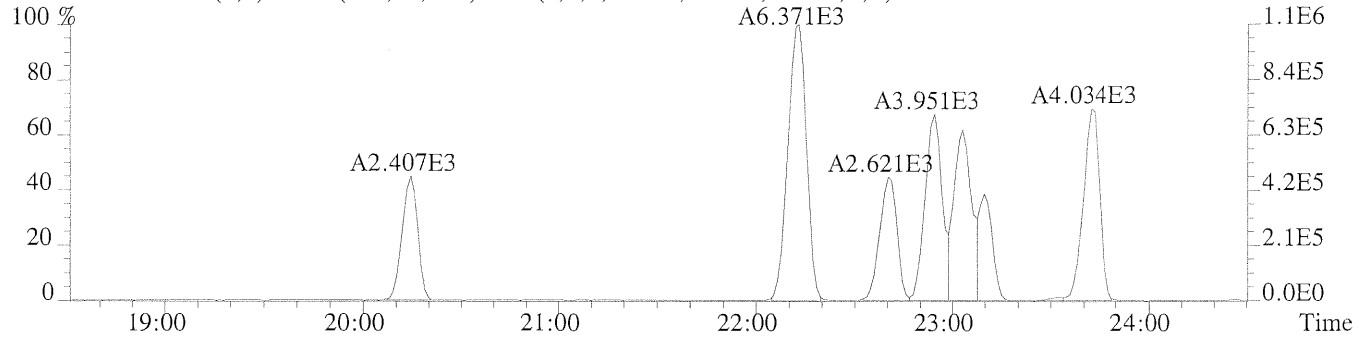


File:U221015 #1-331 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

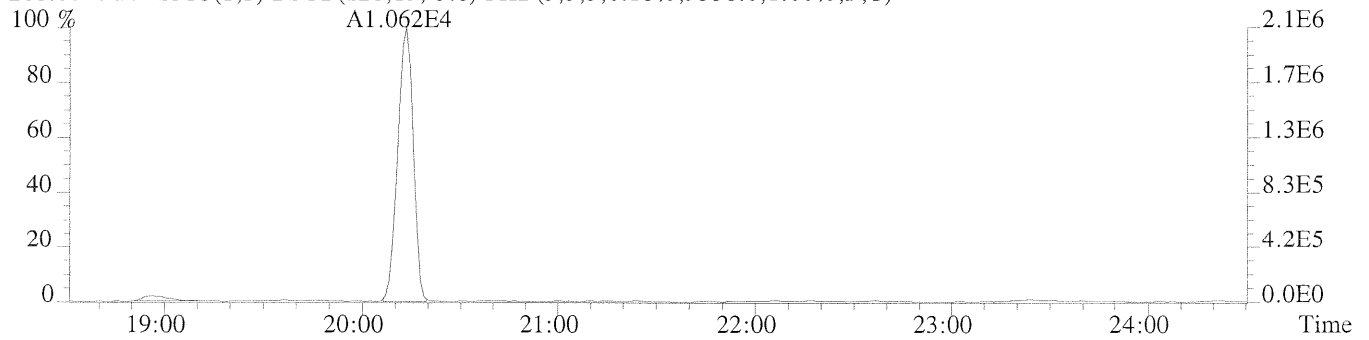
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1620.0,1.00%,F,T)



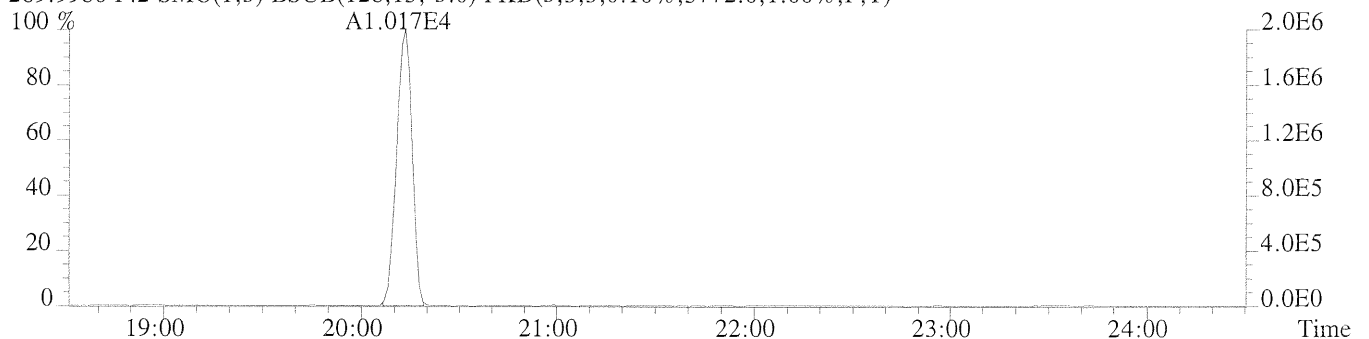
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2788.0,1.00%,F,T)



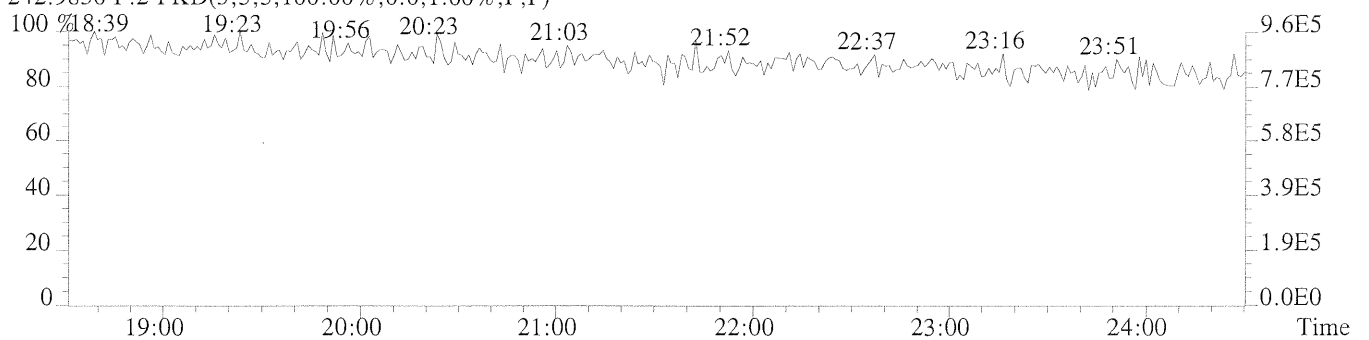
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9556.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5772.0,1.00%,F,T)

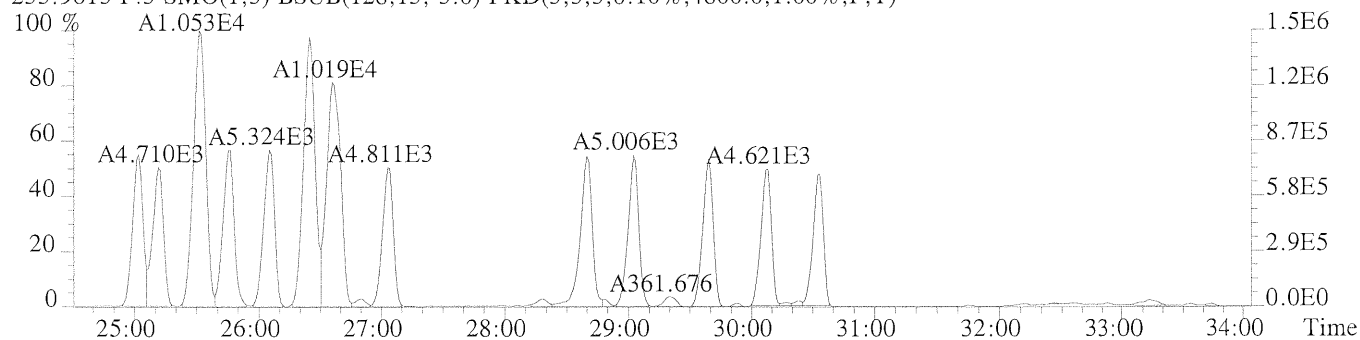


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

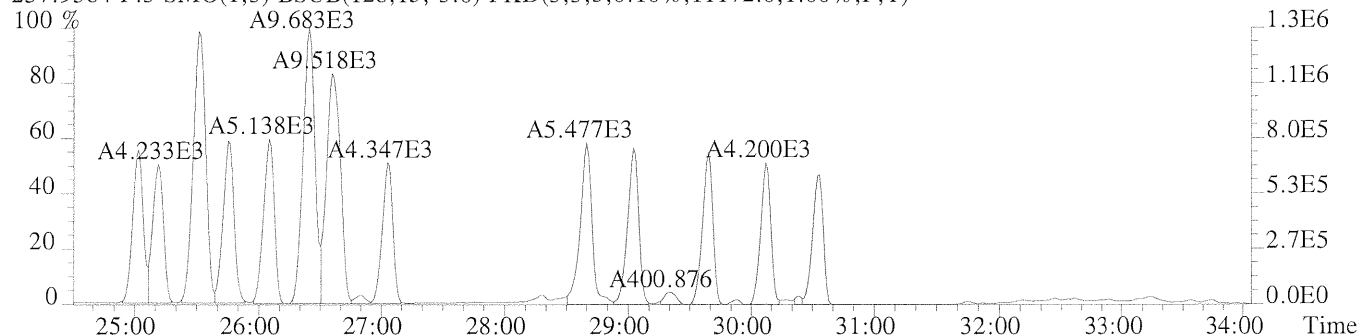


File:U221015 #1-611 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

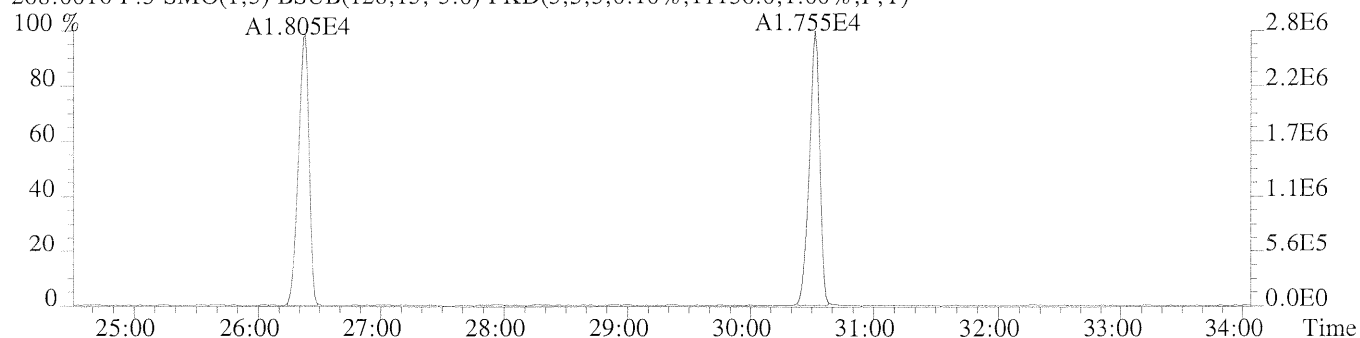
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4800.0,1.00%,F,T)



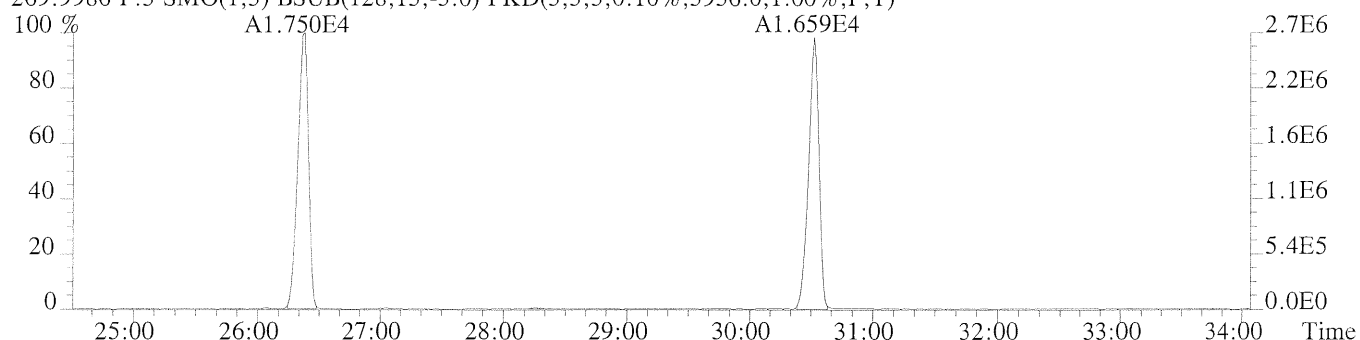
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11172.0,1.00%,F,T)



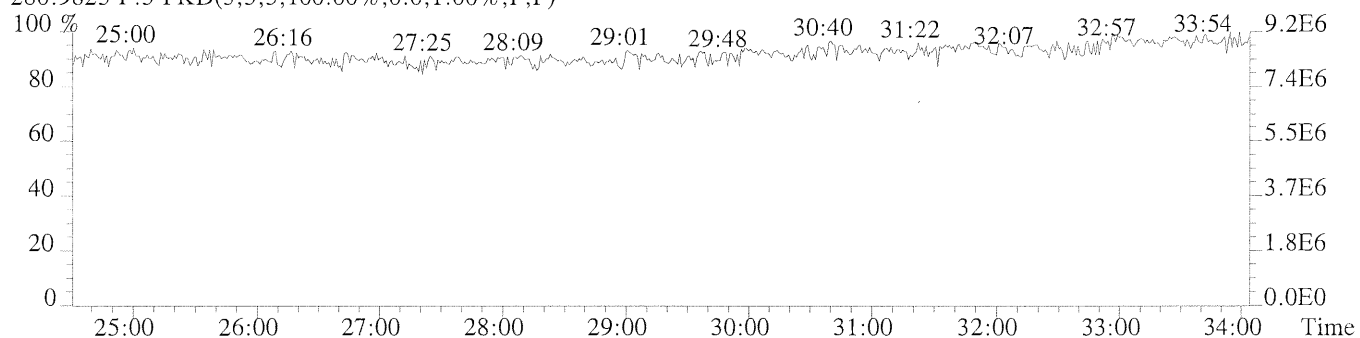
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11136.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5956.0,1.00%,F,T)



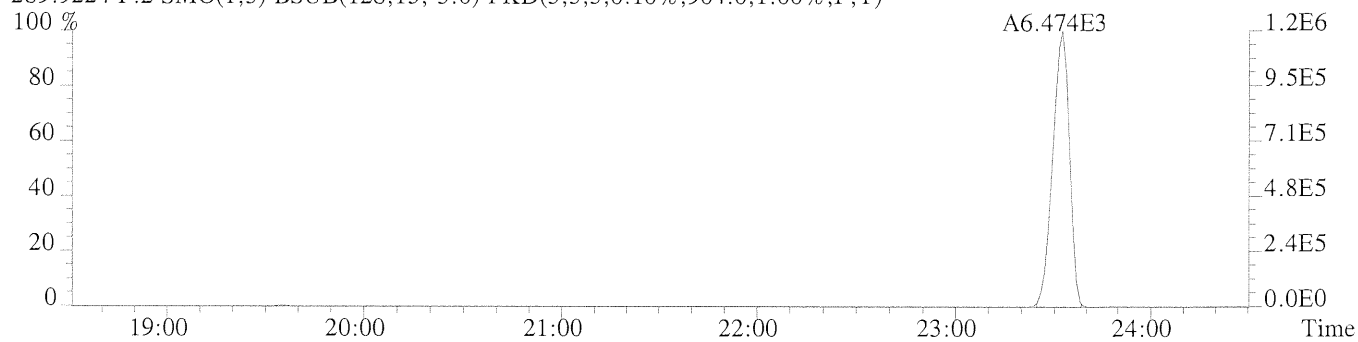
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



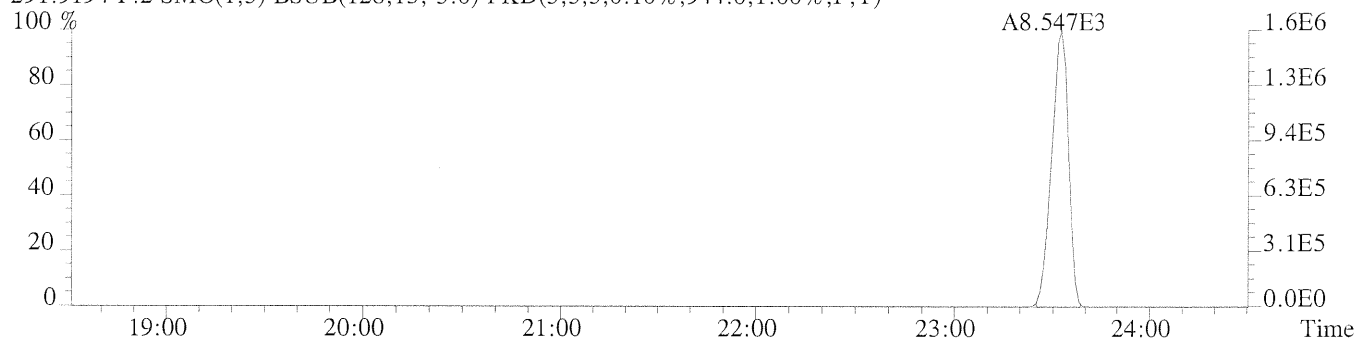
File:U221015 #1-331 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

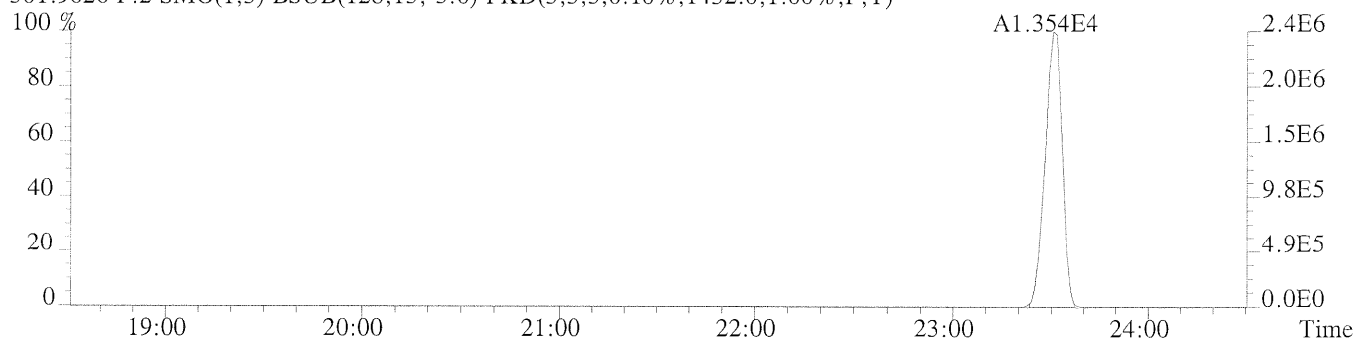
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,904.0,1.00%,F,T)



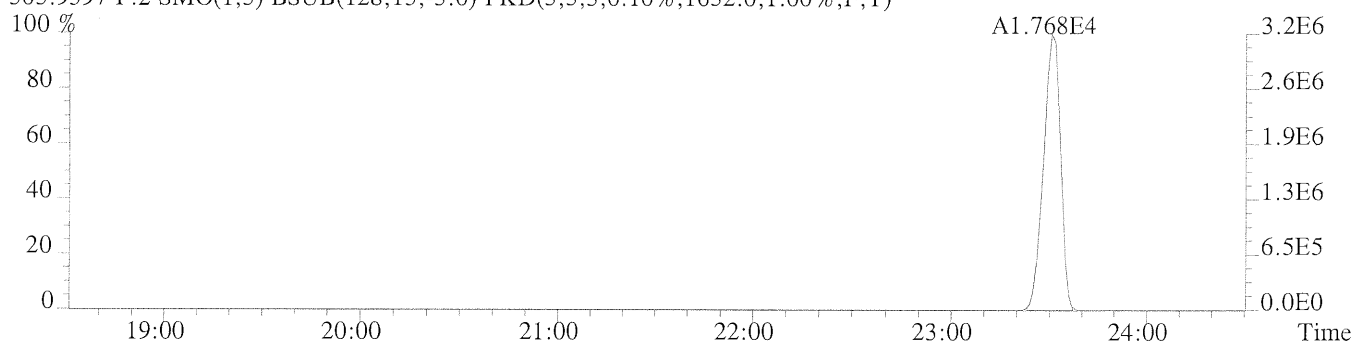
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,944.0,1.00%,F,T)



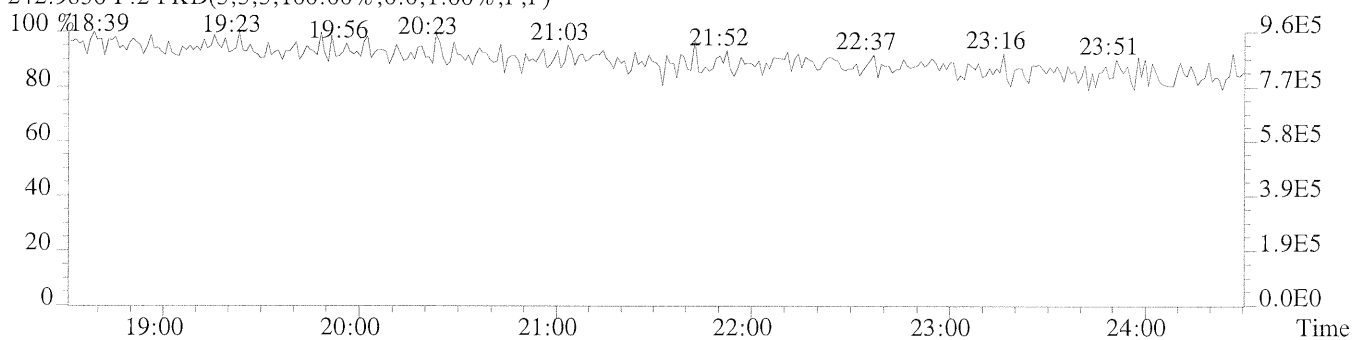
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1432.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1632.0,1.00%,F,T)

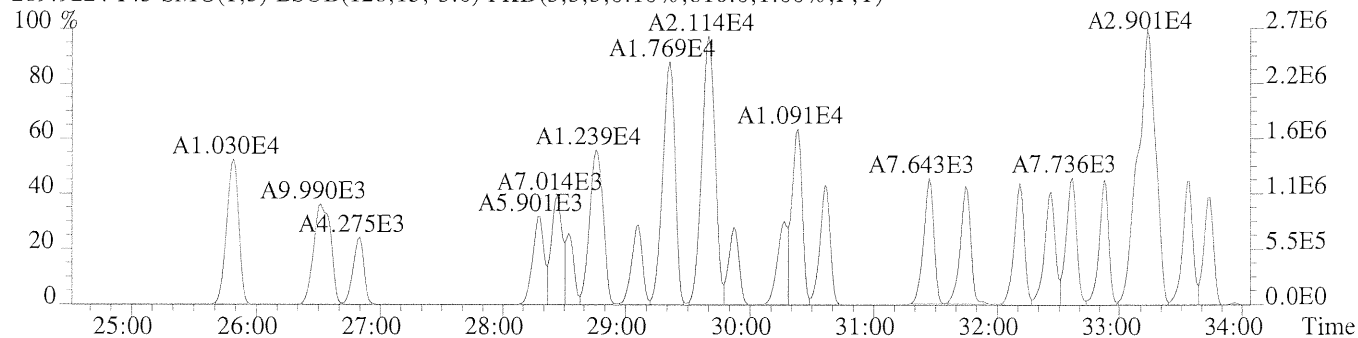


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

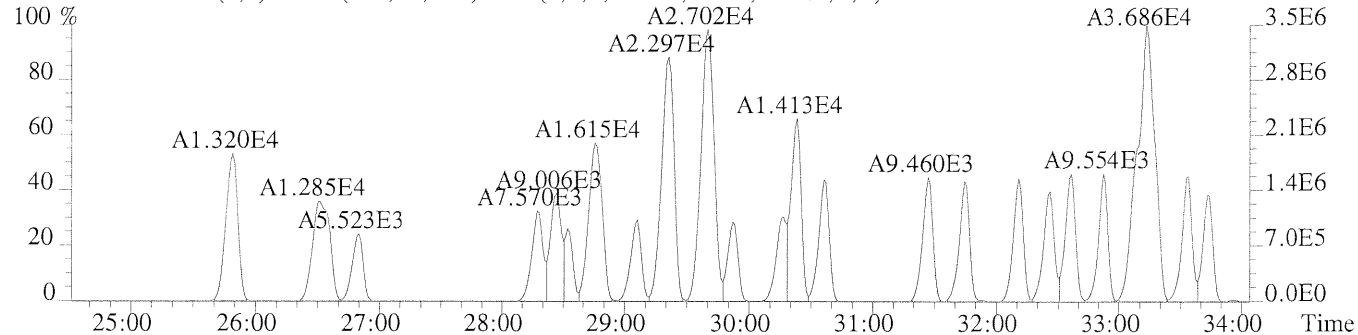


File:U221015 #1-611 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

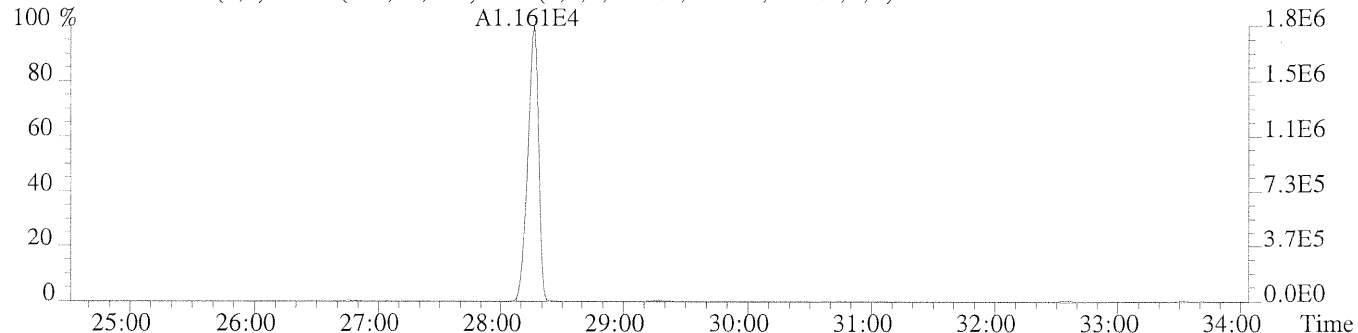
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,816.0,1.00%,F,T)



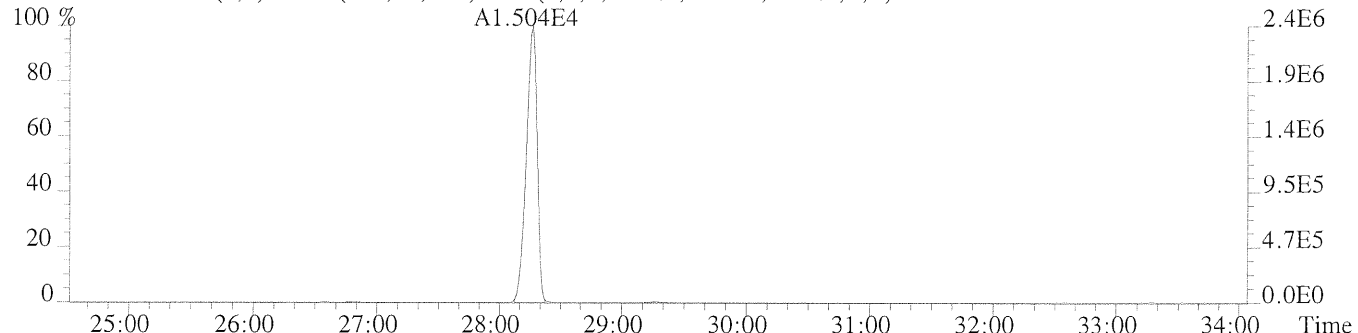
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,940.0,1.00%,F,T)



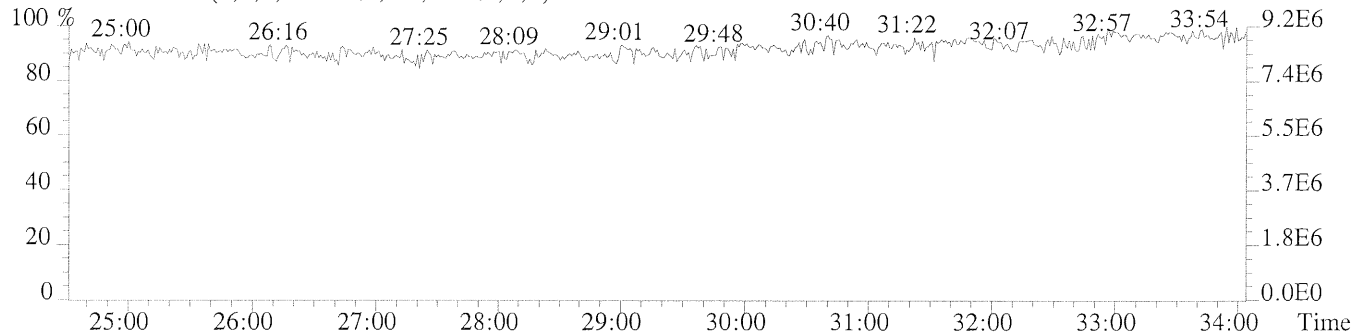
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1228.0,1.00%,F,T)



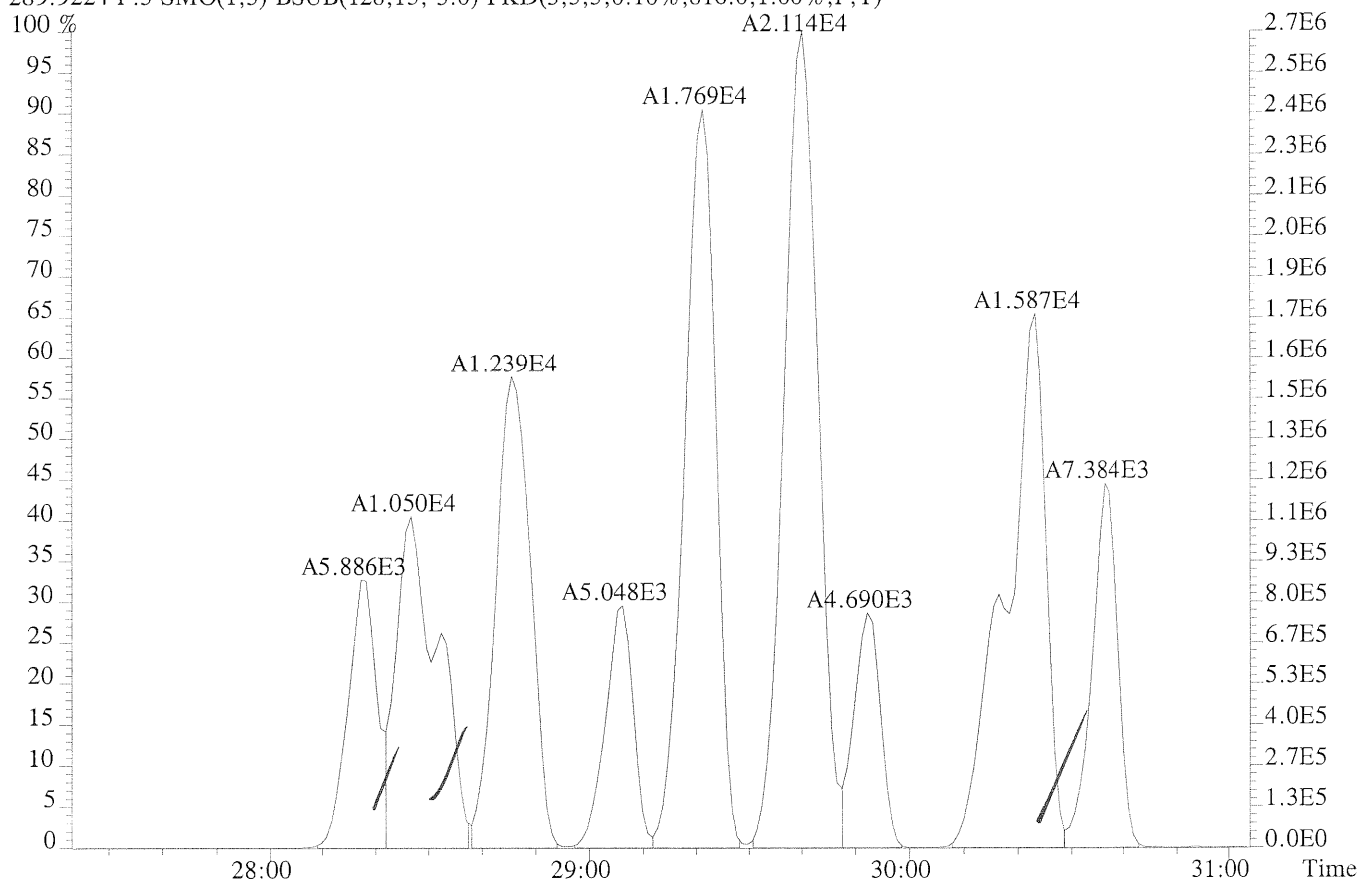
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1284.0,1.00%,F,T)



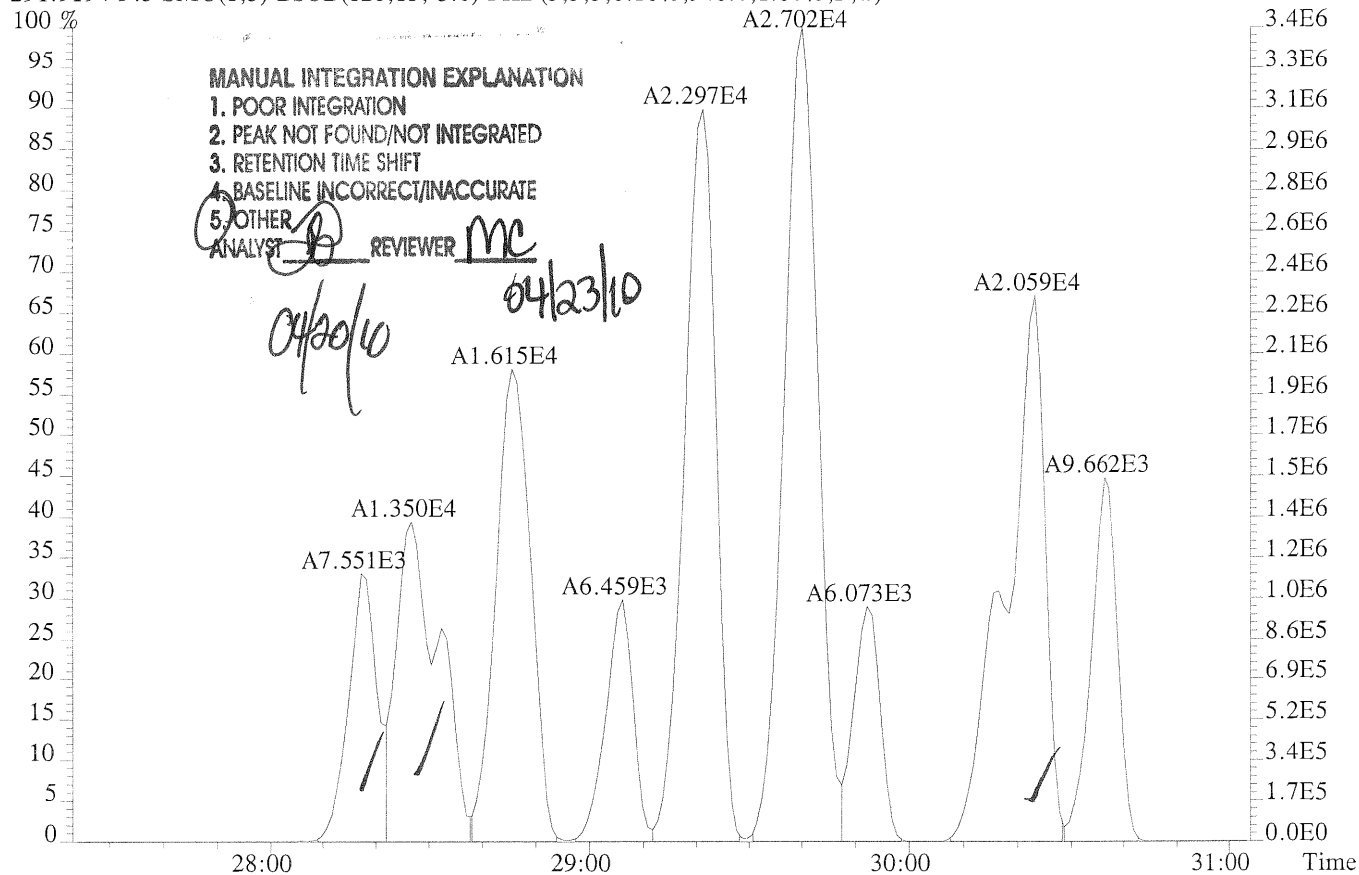
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U221015 #1-611 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:PCB 209 INJECTION
 289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,816.0,1.00%,F,T)



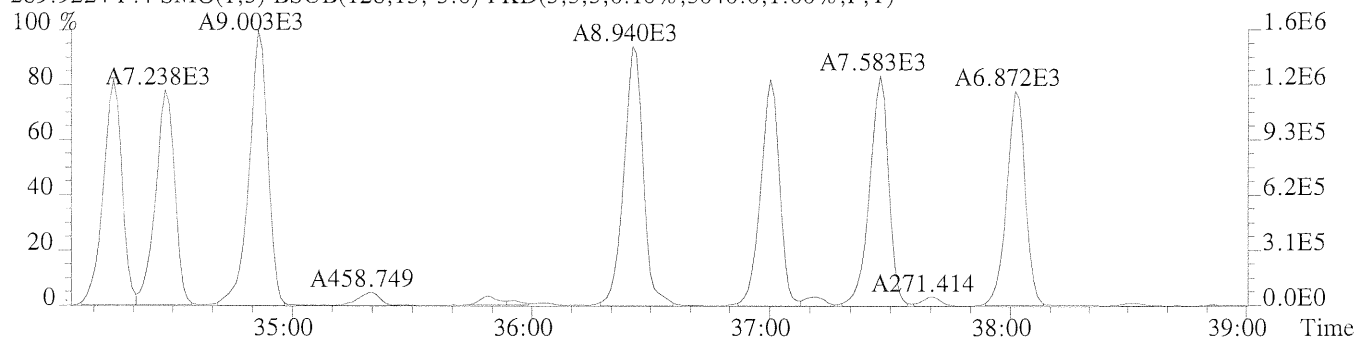
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,940.0,1.00%,F,T)



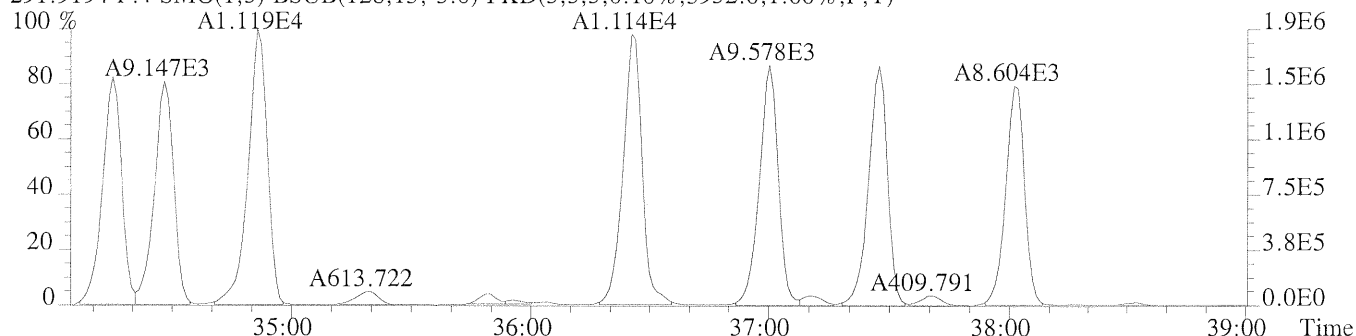
File:U221015 #1-316 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

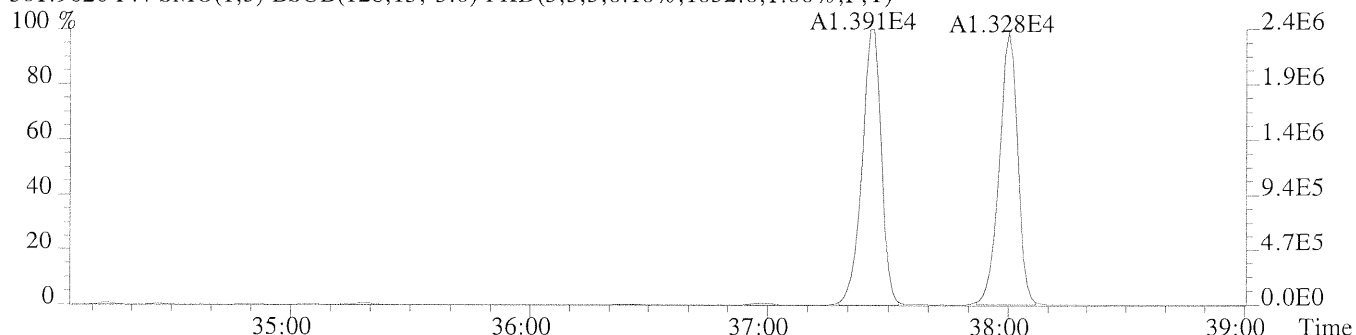
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3040.0,1.00%,F,T)



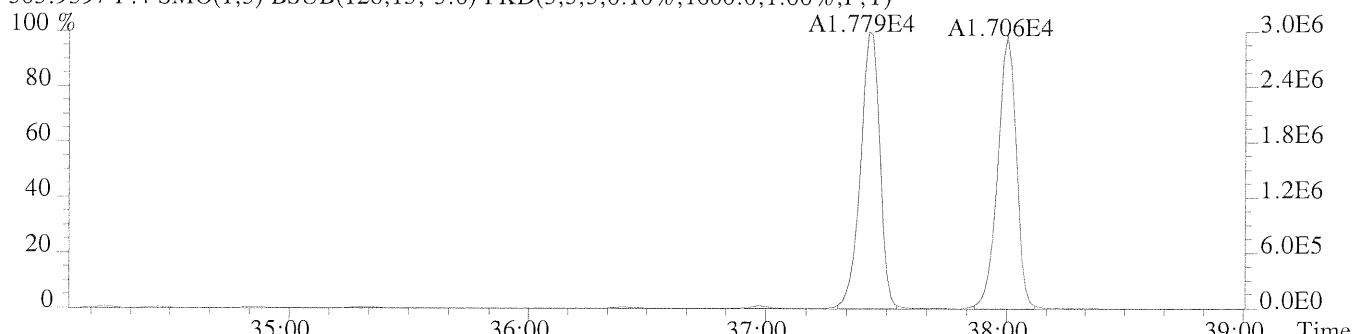
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5932.0,1.00%,F,T)



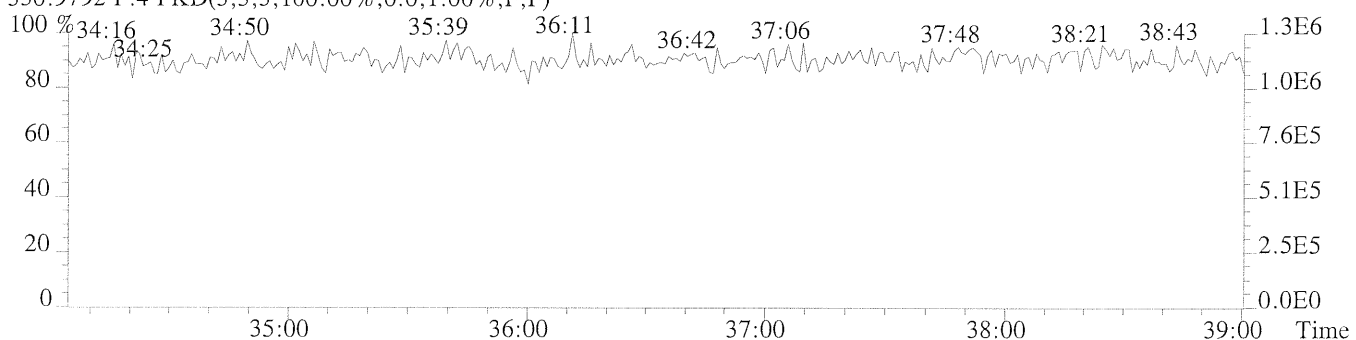
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1032.0,1.00%,F,T)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1600.0,1.00%,F,T)

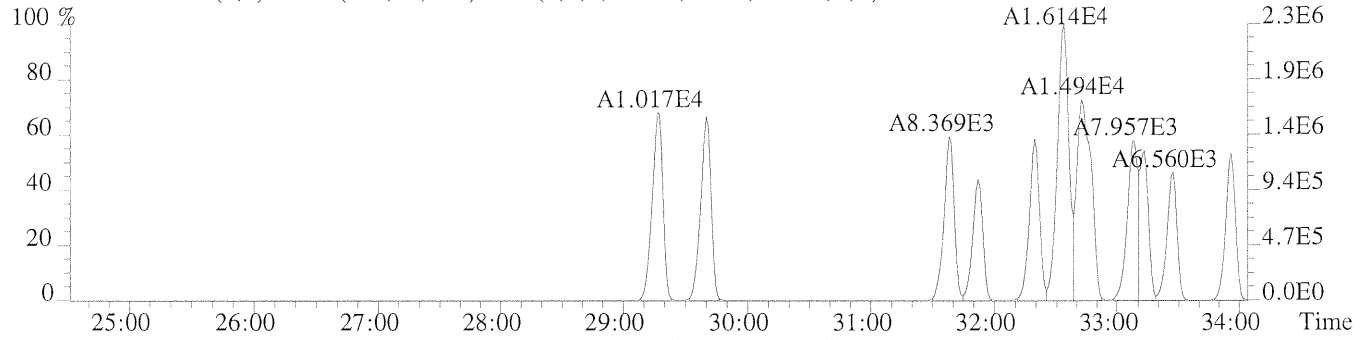


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

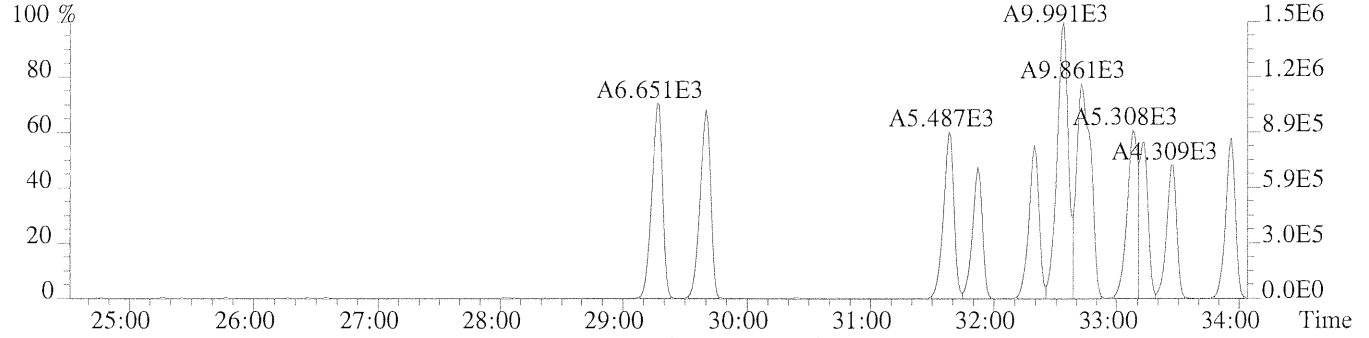


File:U221015 #1-611 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

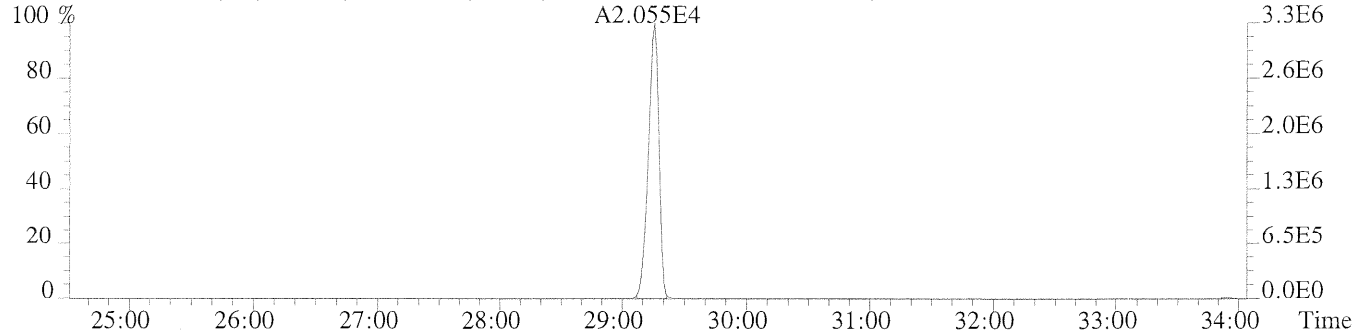
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,920.0,1.00%,F,T)



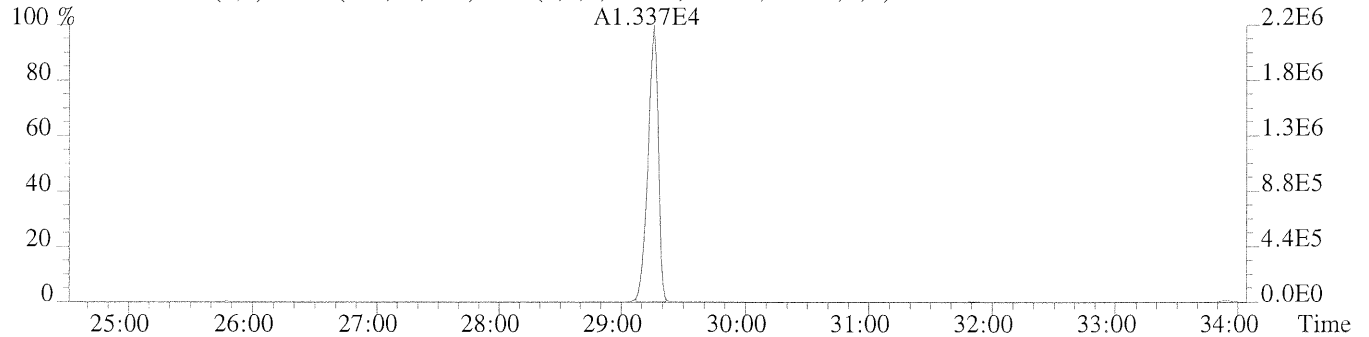
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1520.0,1.00%,F,T)



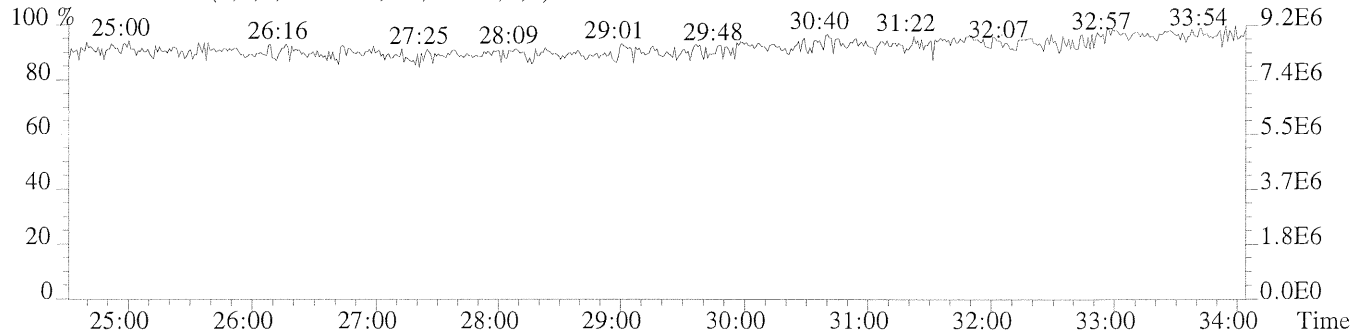
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,904.0,1.00%,F,T)



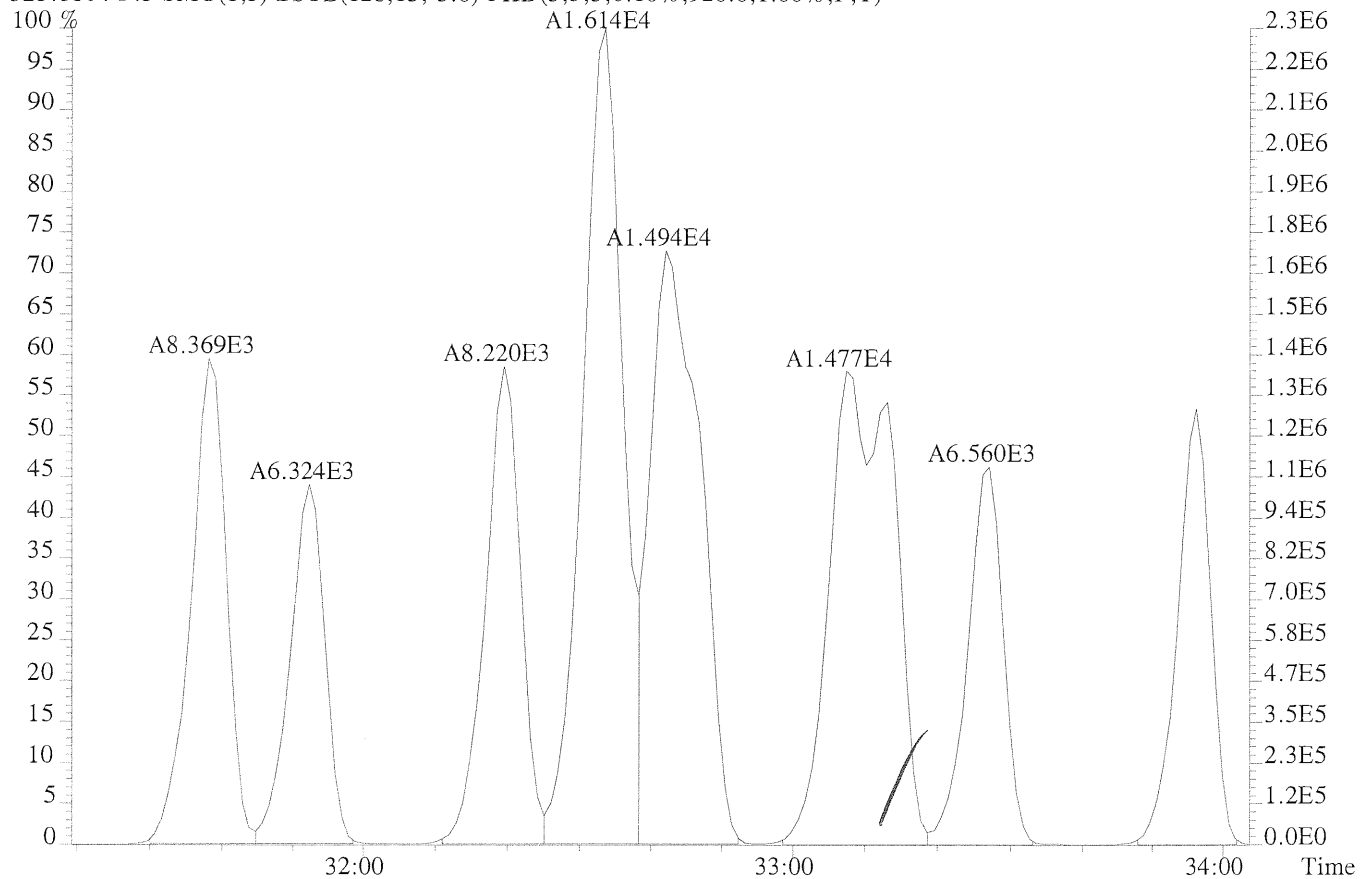
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,T)



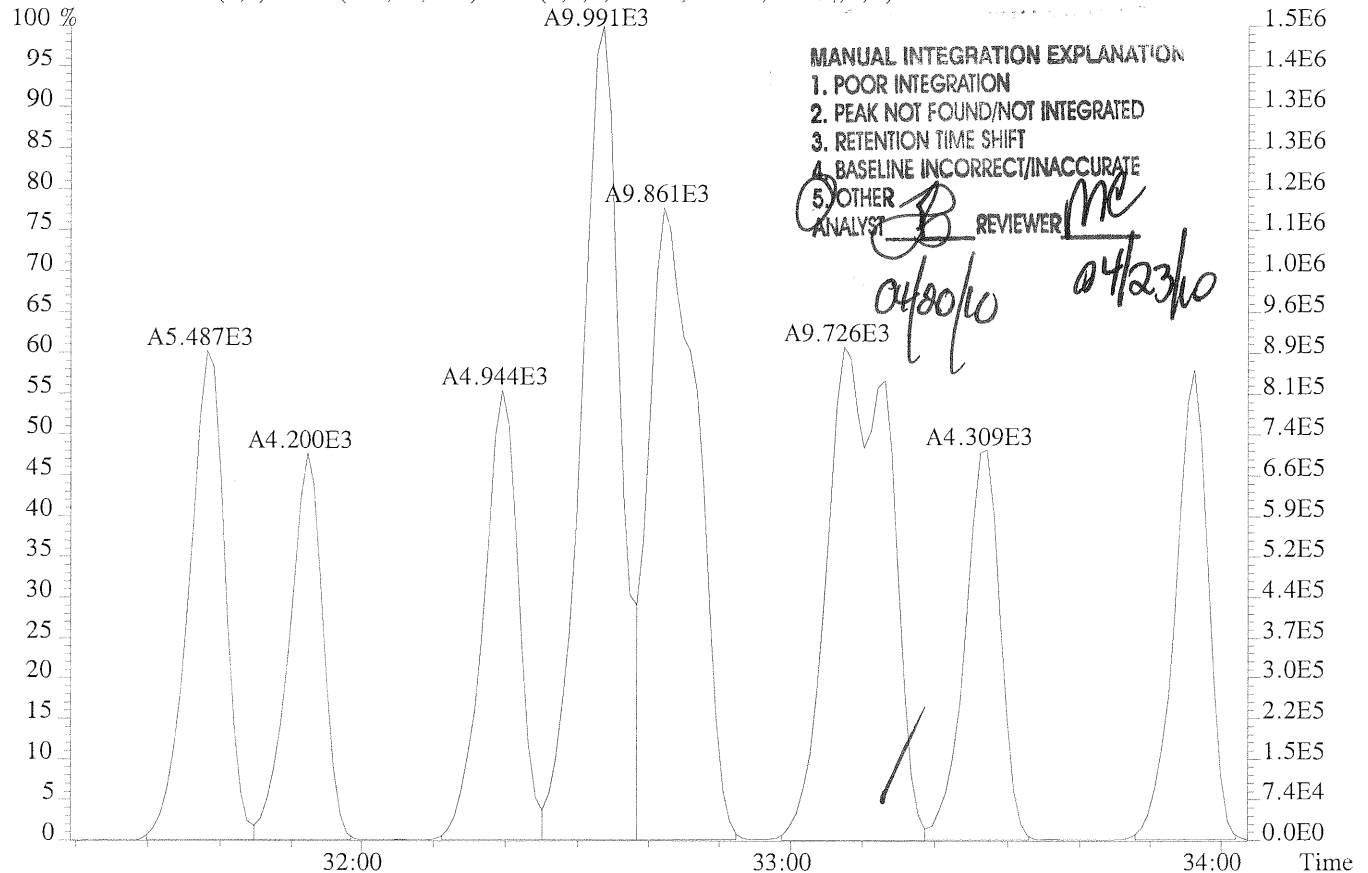
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U221015 #1-611 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:PCB 209 INJECTION
 325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,920.0,1.00%,F,T)



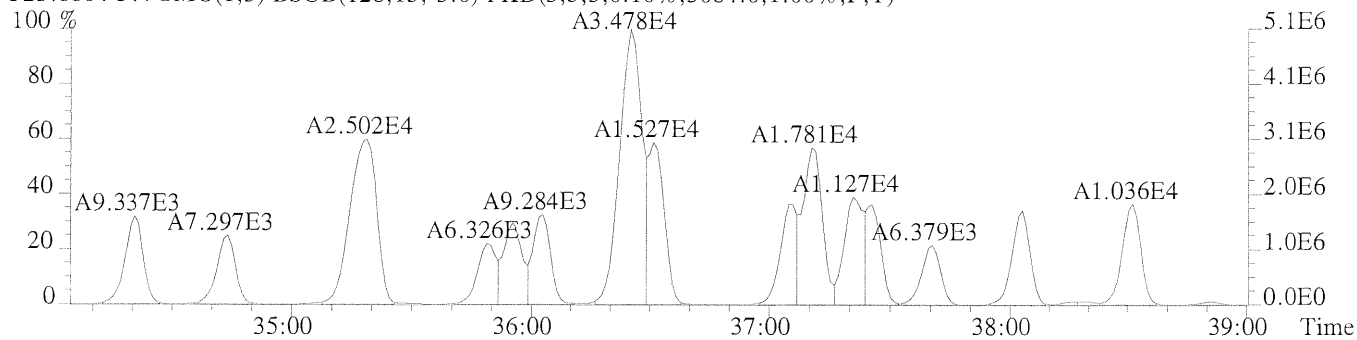
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1520.0,1.00%,F,T)



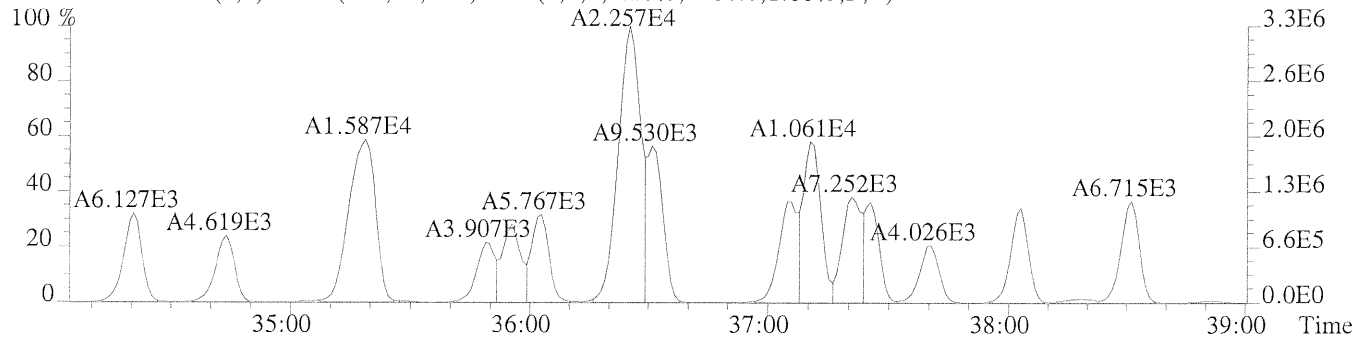
File:U221015 #1-316 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

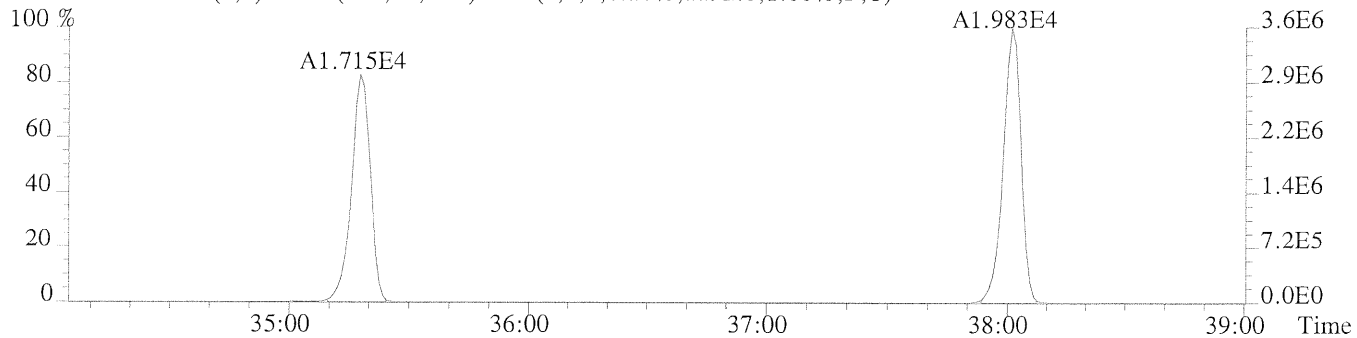
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3084.0,1.00%,F,T)



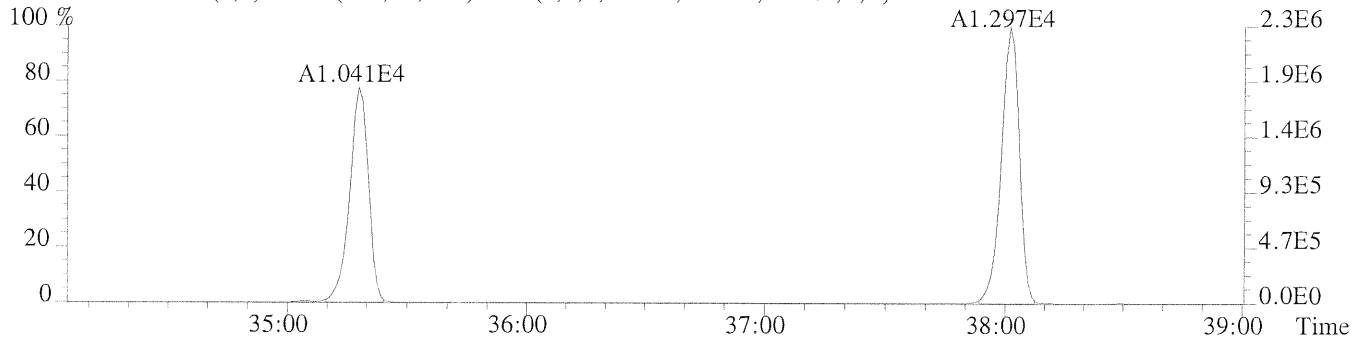
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2784.0,1.00%,F,T)



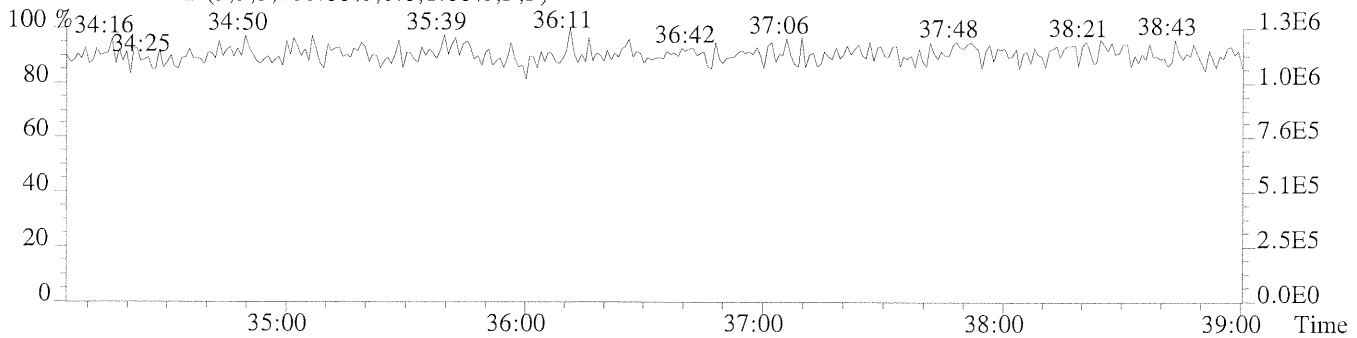
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1192.0,1.00%,F,T)



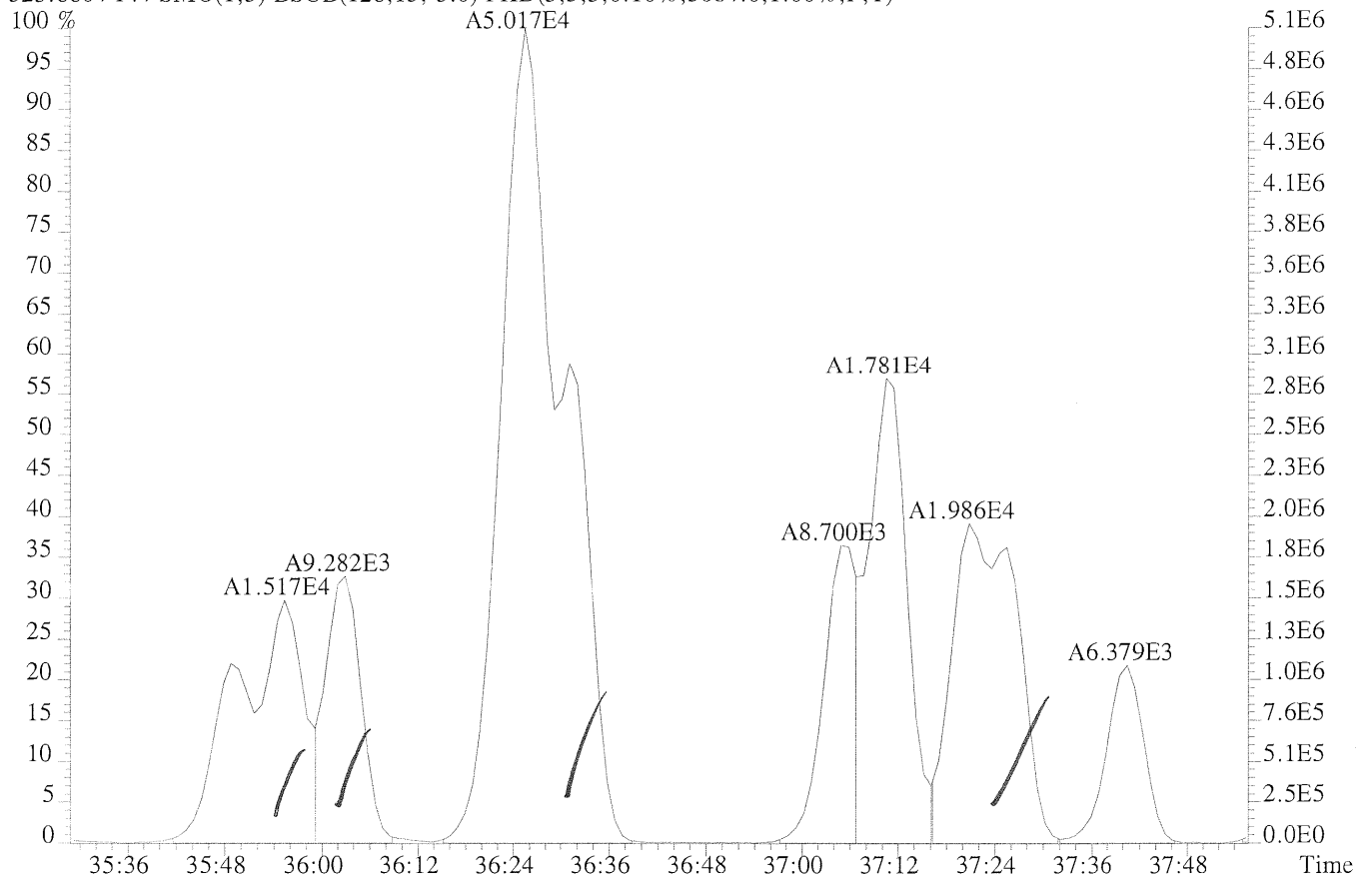
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1544.0,1.00%,F,T)



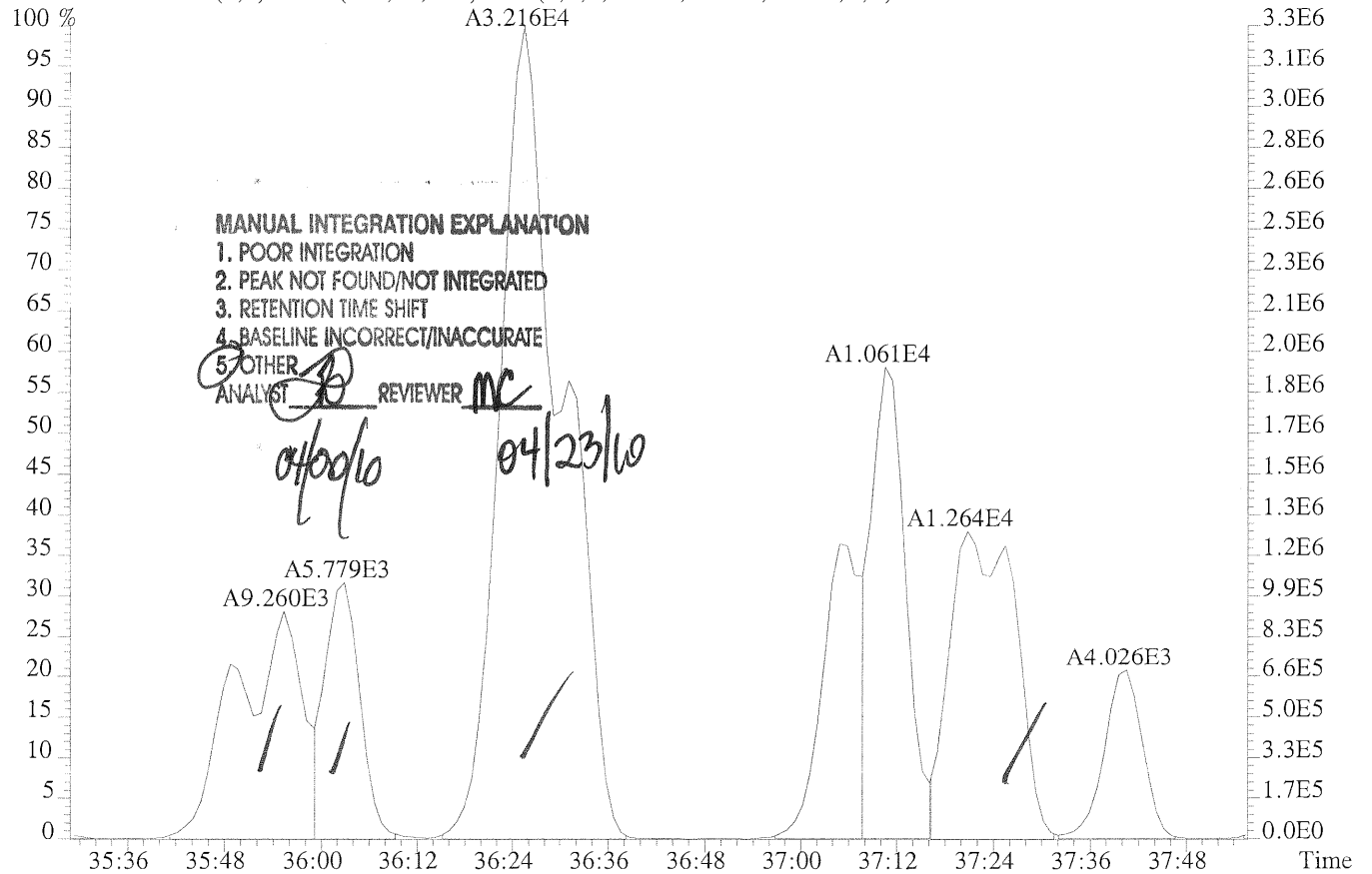
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U221015 #1-316 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
 Sample#1 Exp:PCB 209 INJECTION
 325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3084.0,1.00%,F,T)



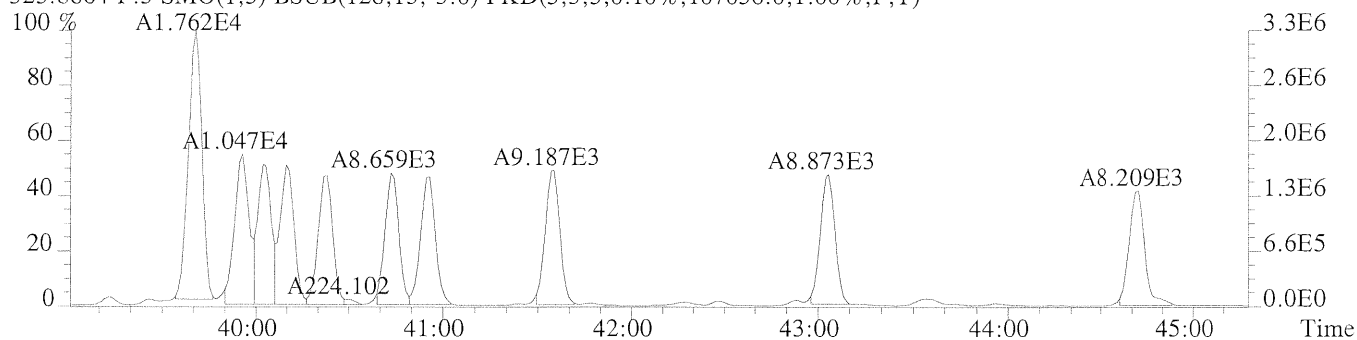
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2784.0,1.00%,F,T)



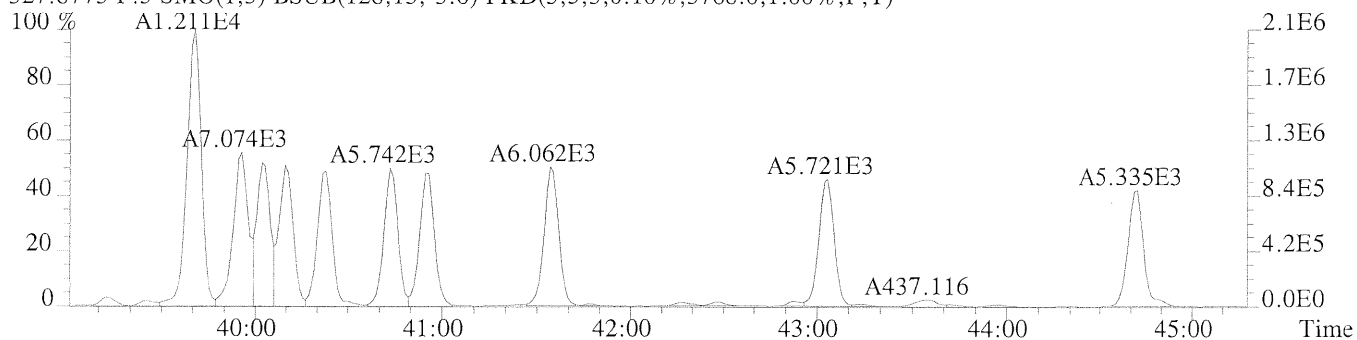
File:U221015 #1-402 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

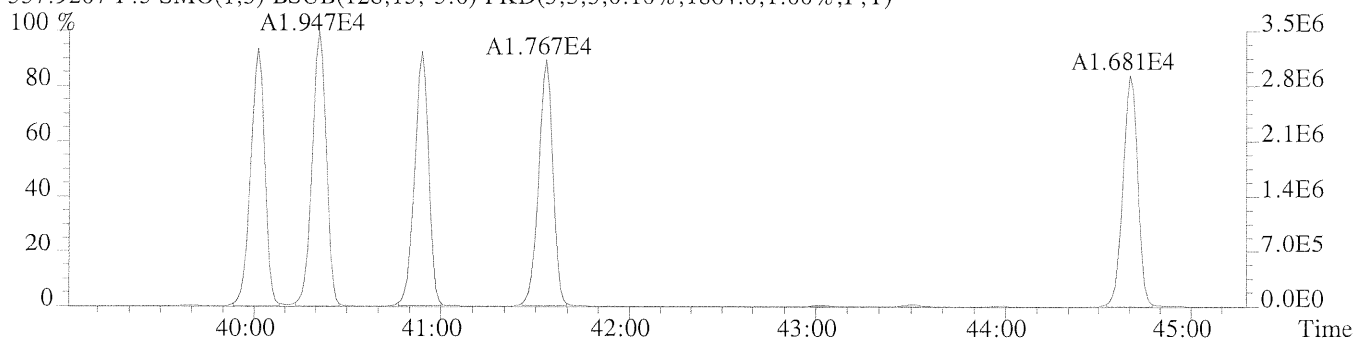
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,107036.0,1.00%,F,T)



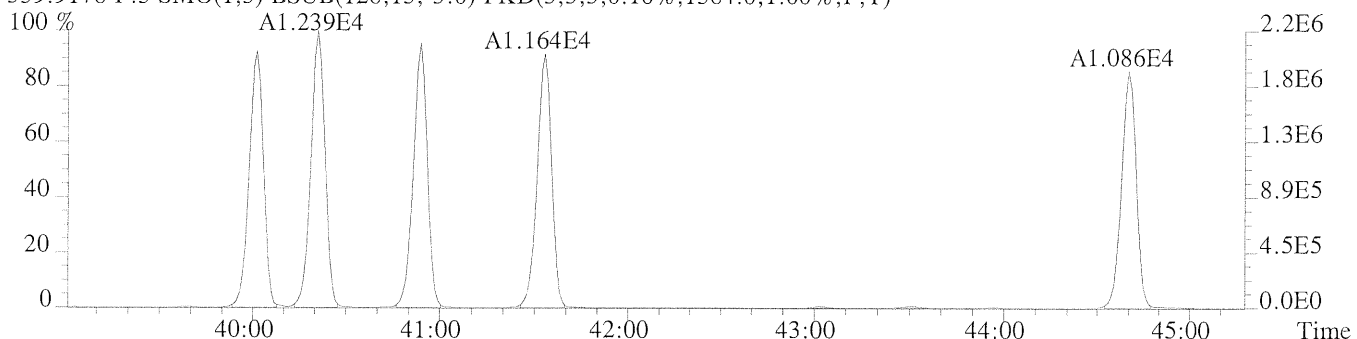
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3768.0,1.00%,F,T)



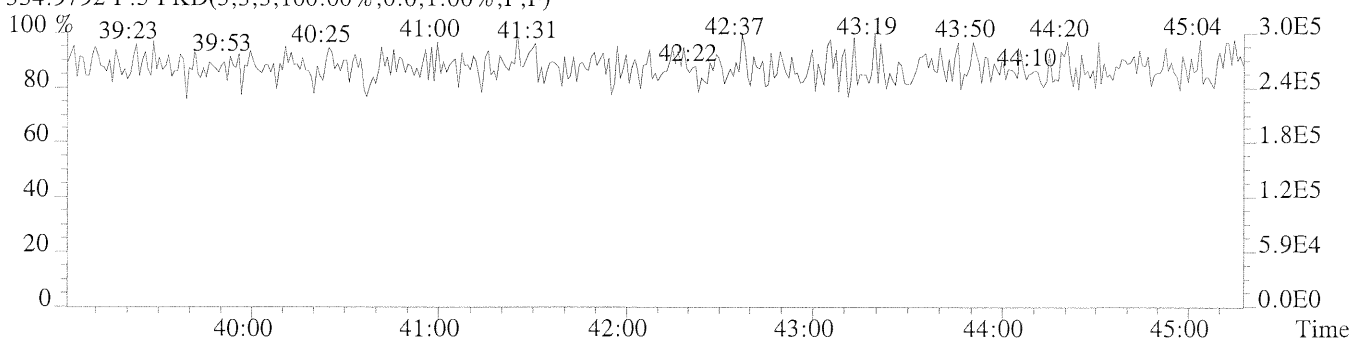
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1864.0,1.00%,F,T)



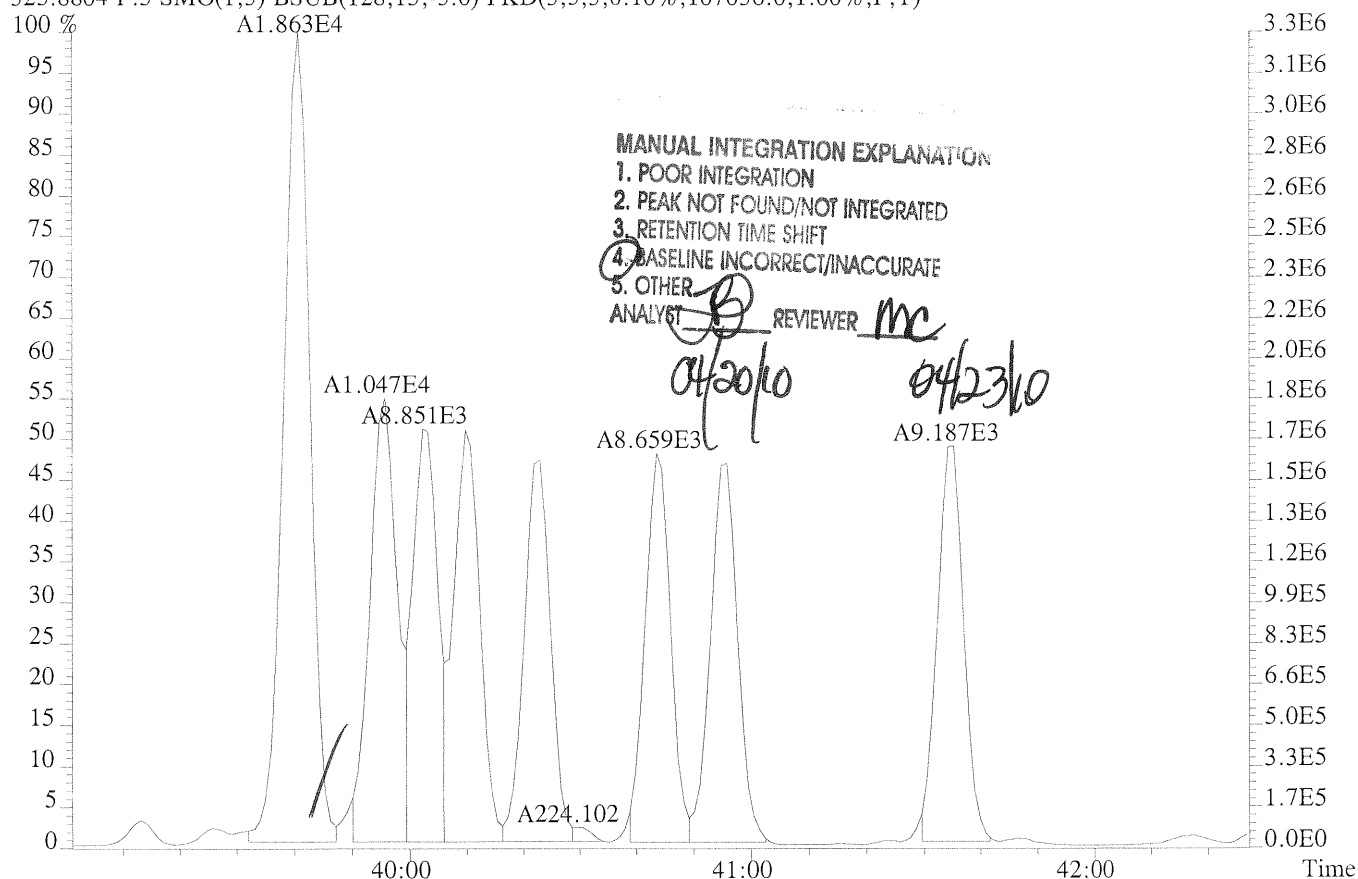
339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1584.0,1.00%,F,T)



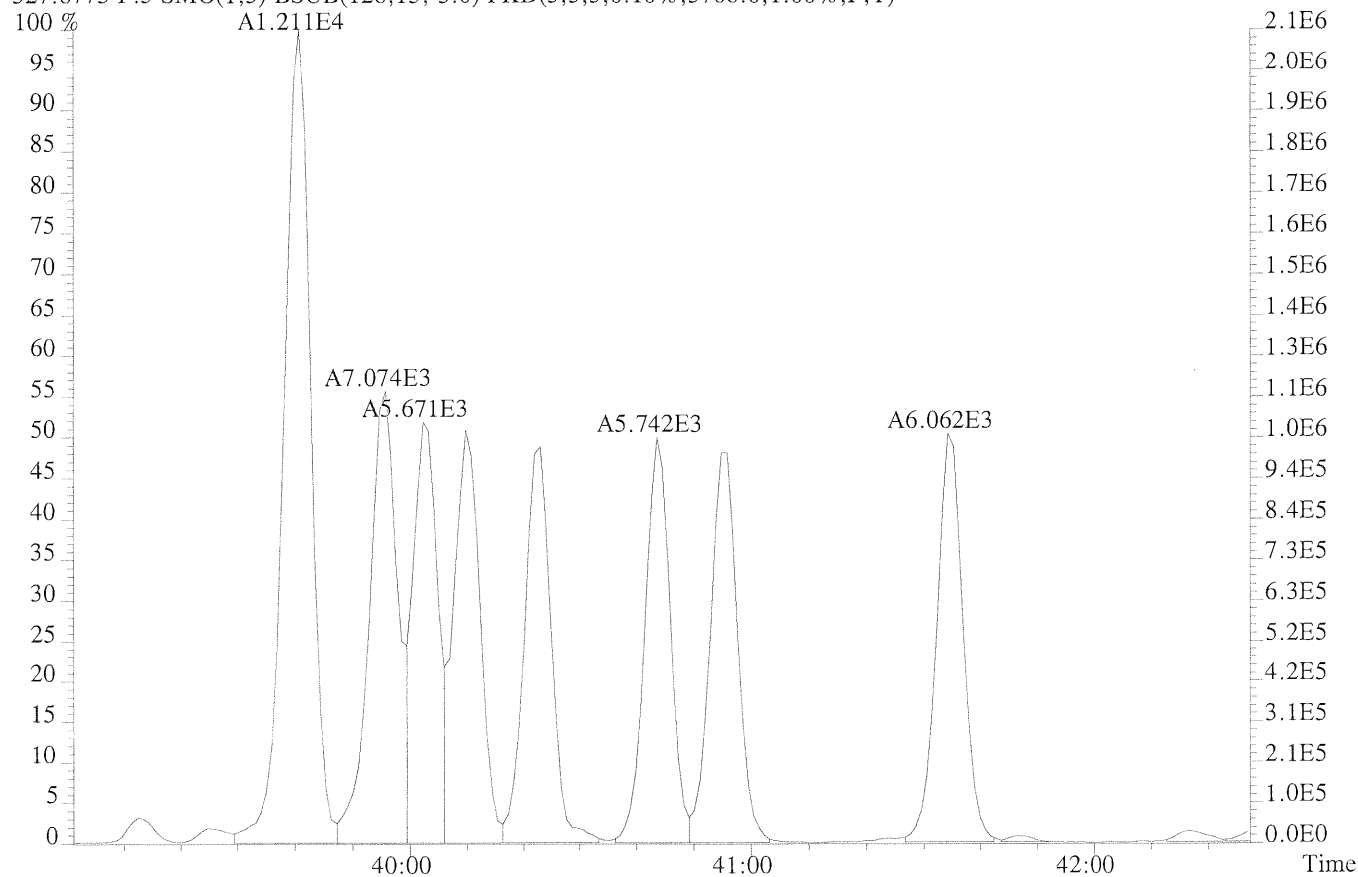
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U221015 #1-402 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,107036.0,1.00%,F,T)

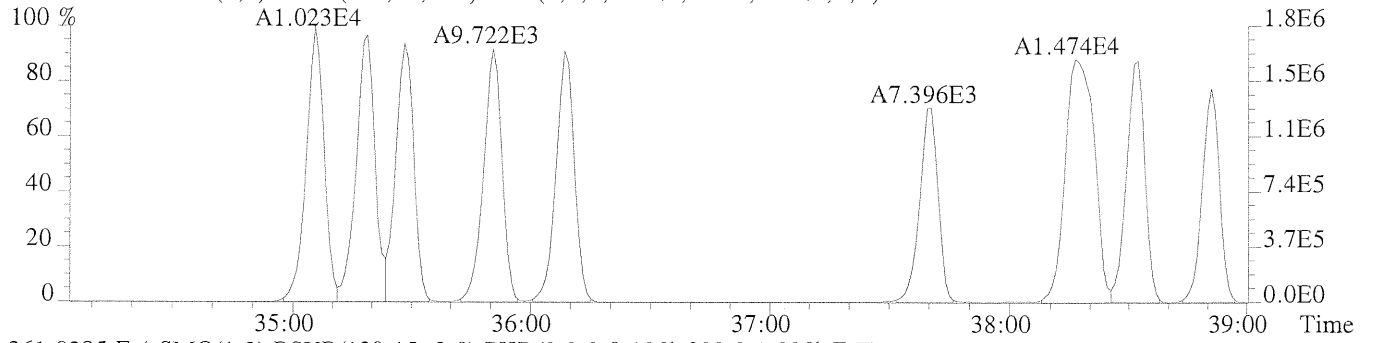


327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3768.0,1.00%,F,T)

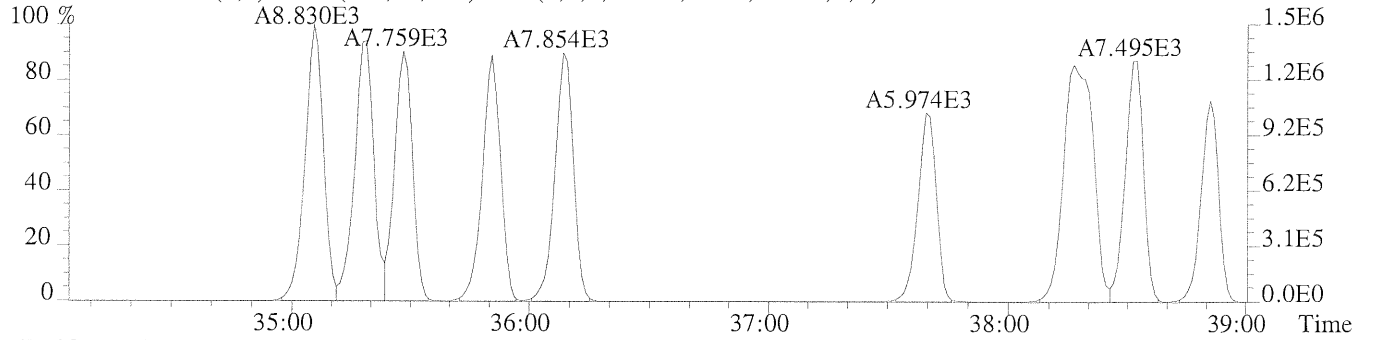


File:U221015 #1-316 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

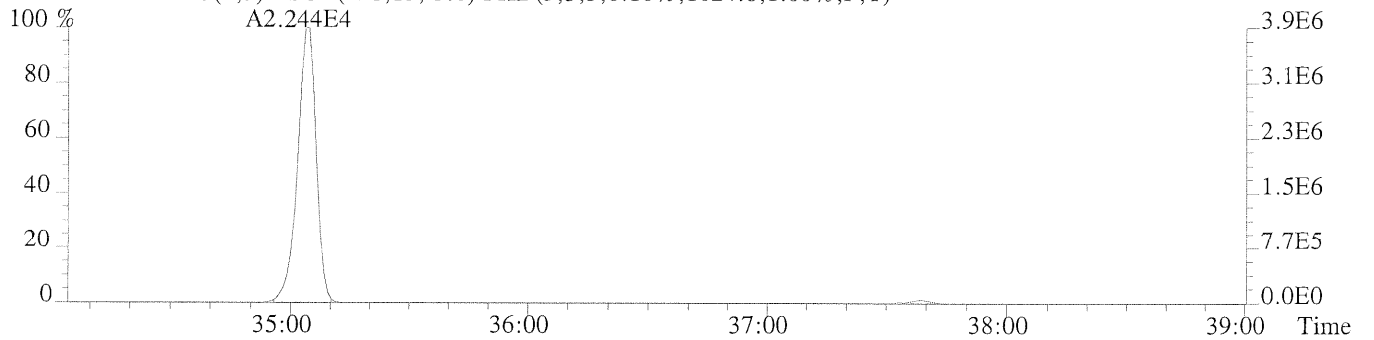
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,724.0,1.00%,F,T)



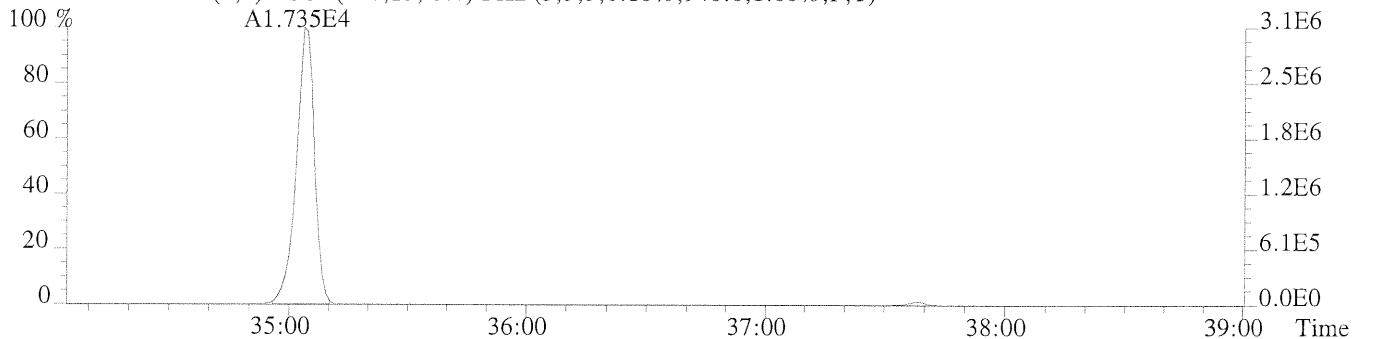
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,900.0,1.00%,F,T)



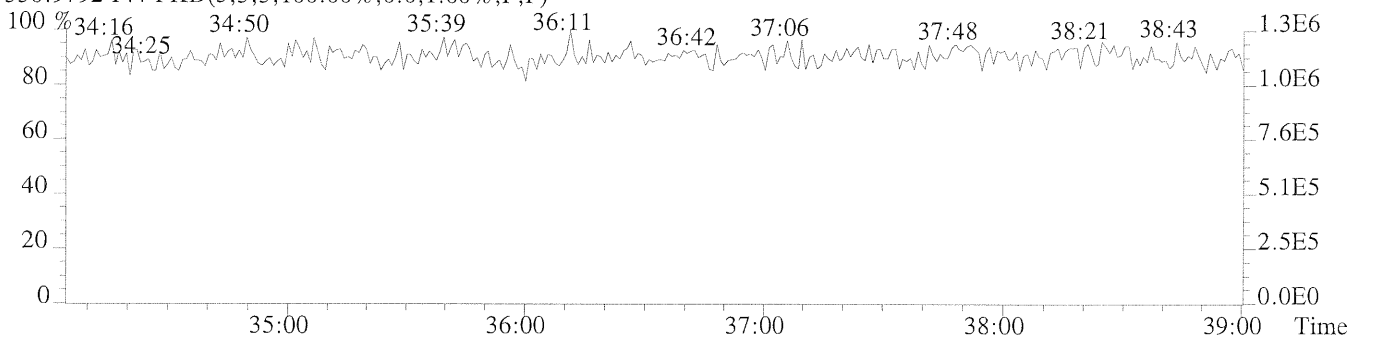
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1024.0,1.00%,F,T)



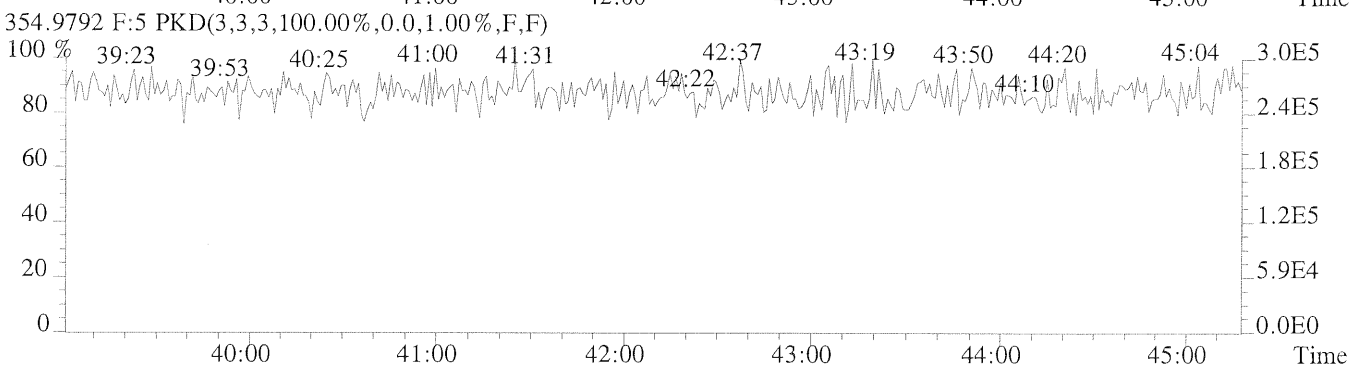
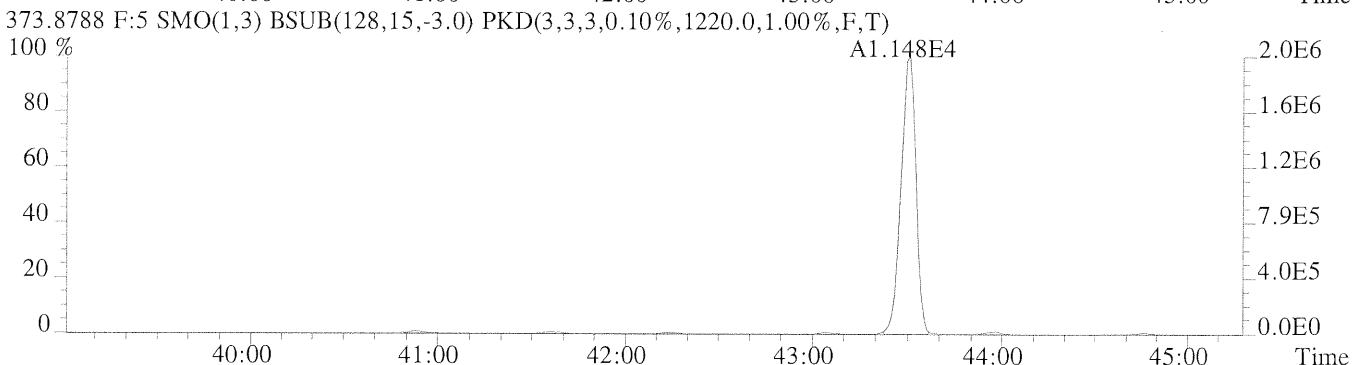
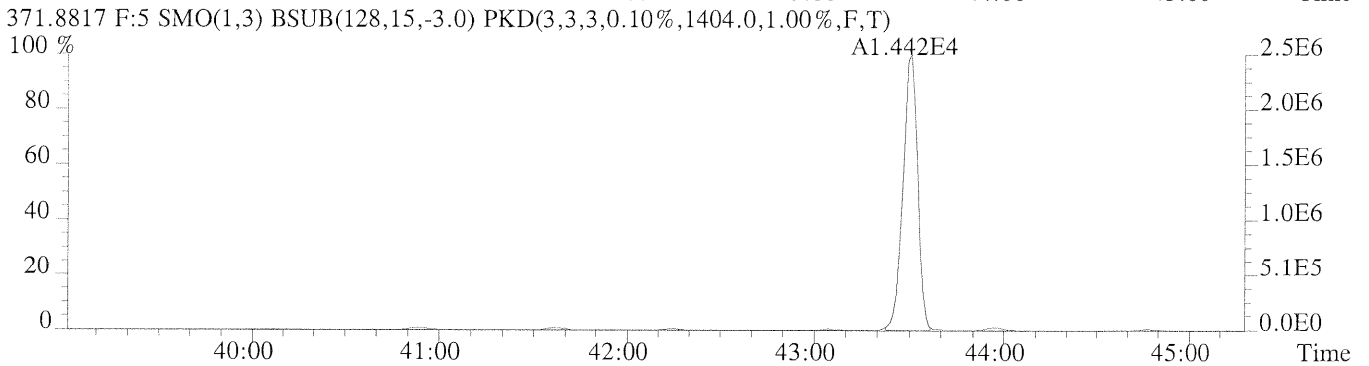
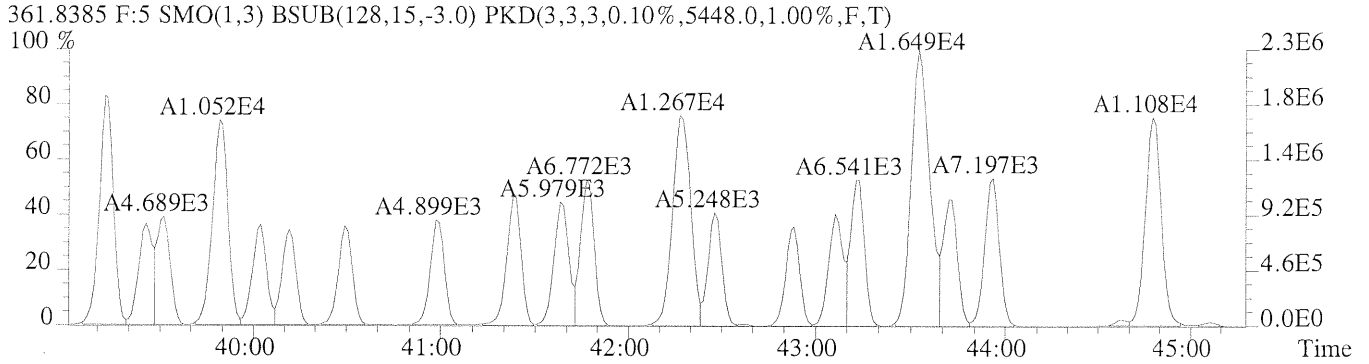
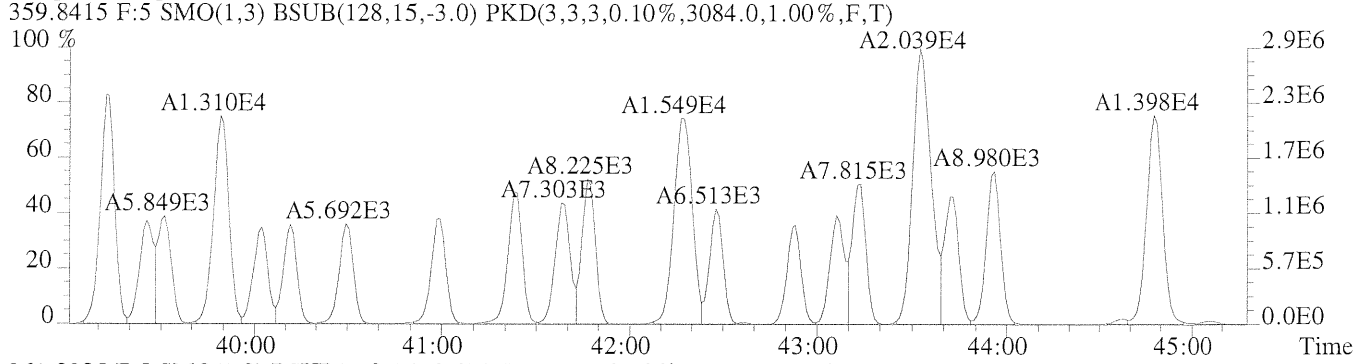
373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,940.0,1.00%,F,T)



330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

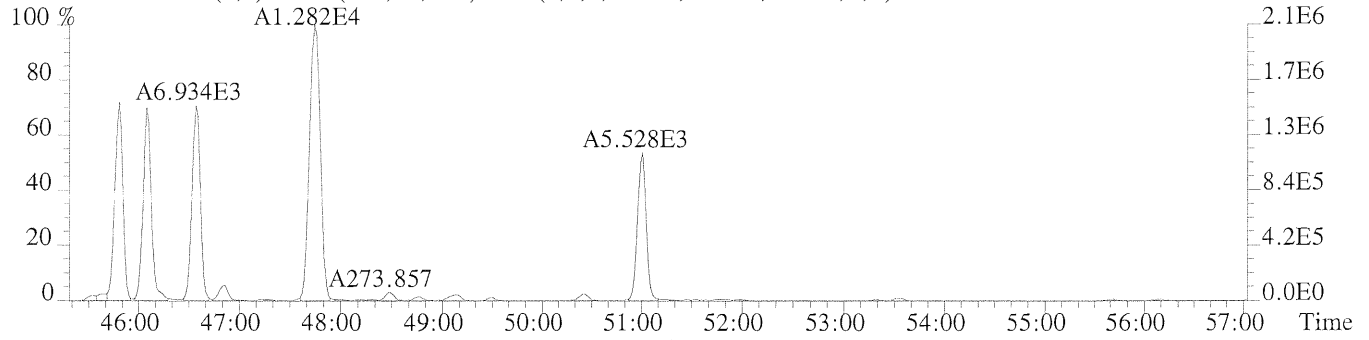


File:U221015 #1-402 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

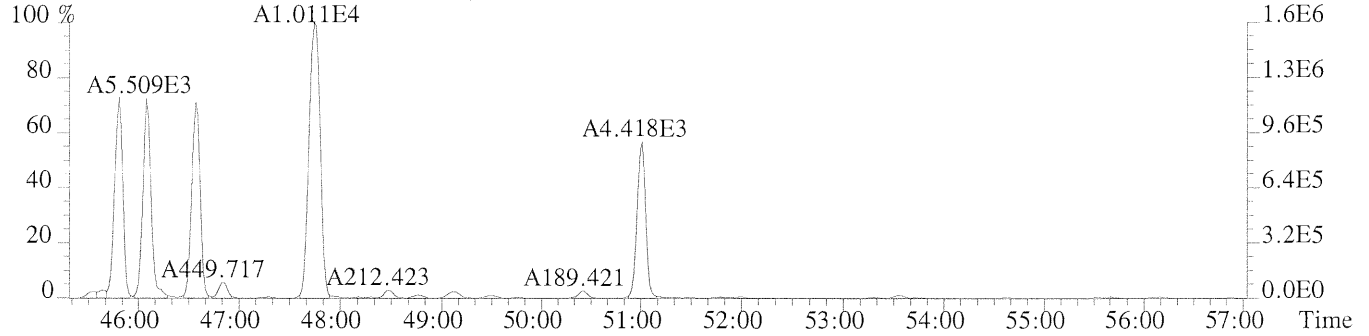


File:U221015 #1-581 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

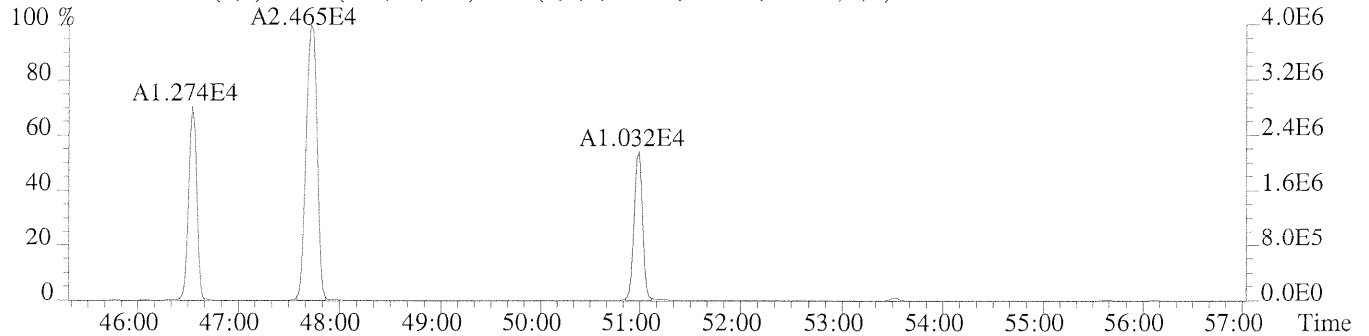
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2276.0,1.00%,F,T)



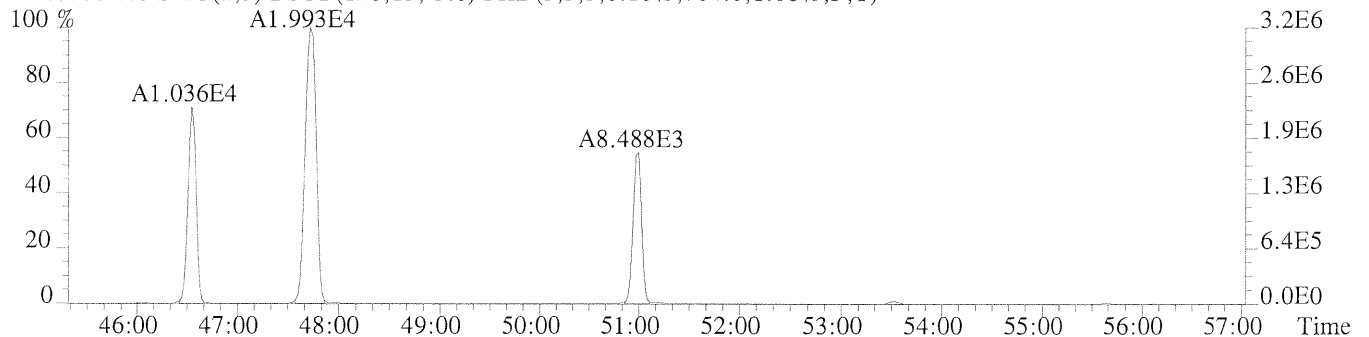
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1640.0,1.00%,F,T)



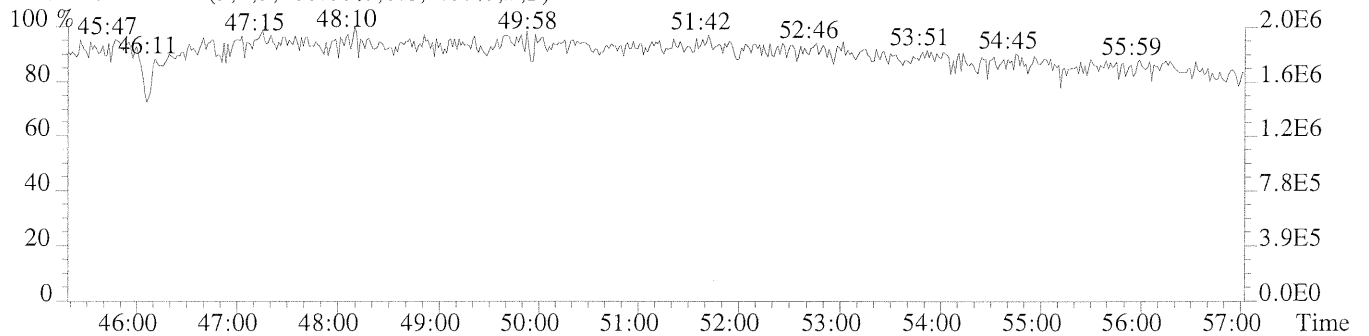
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1252.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,704.0,1.00%,F,T)



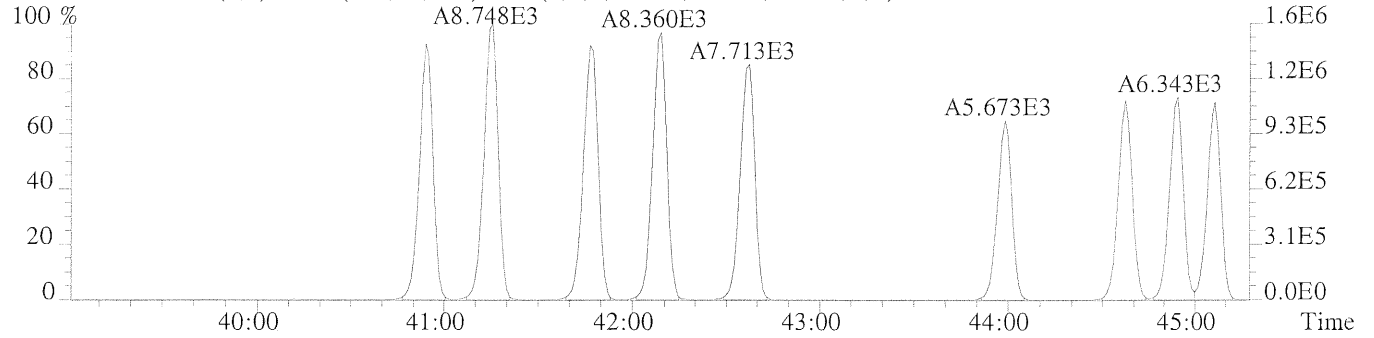
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



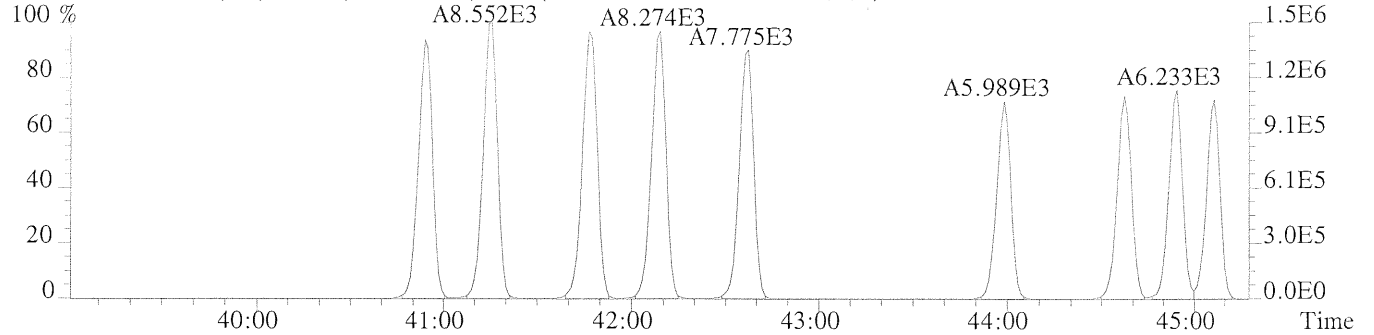
File:U221015 #1-402 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

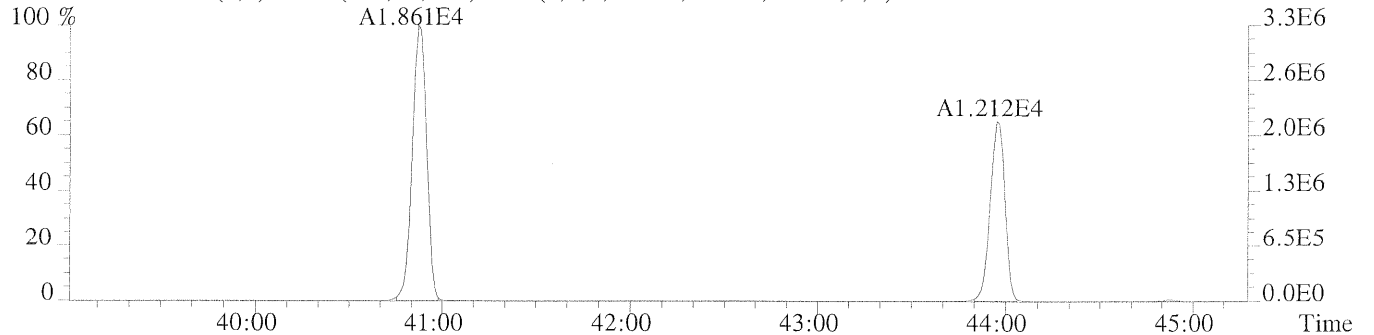
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1000.0,1.00%,F,T)



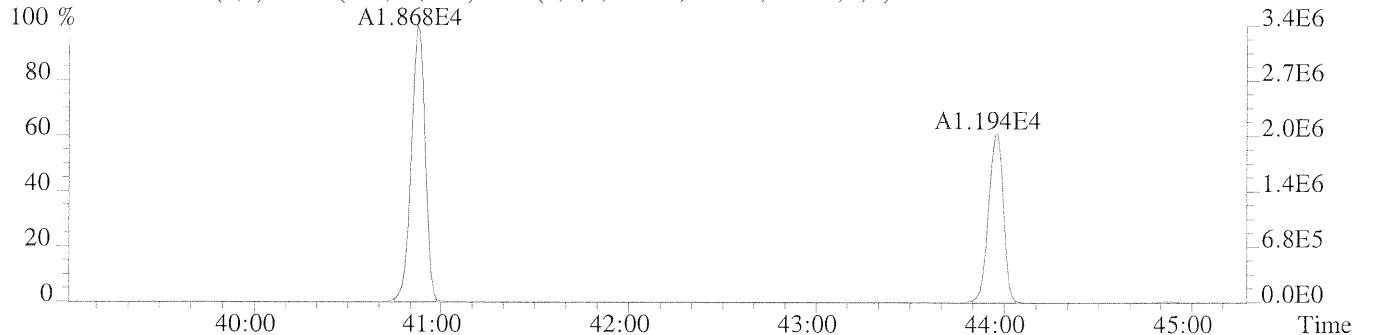
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,876.0,1.00%,F,T)



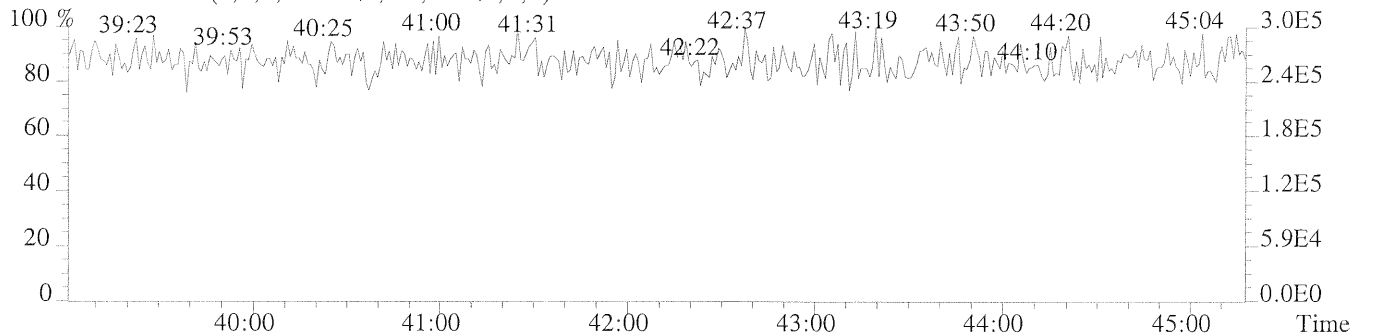
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1460.0,1.00%,F,T)



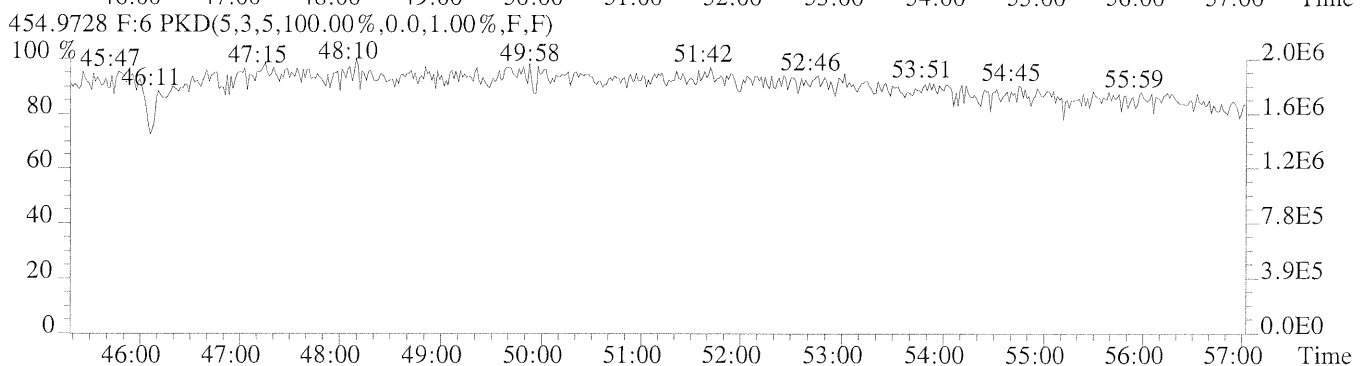
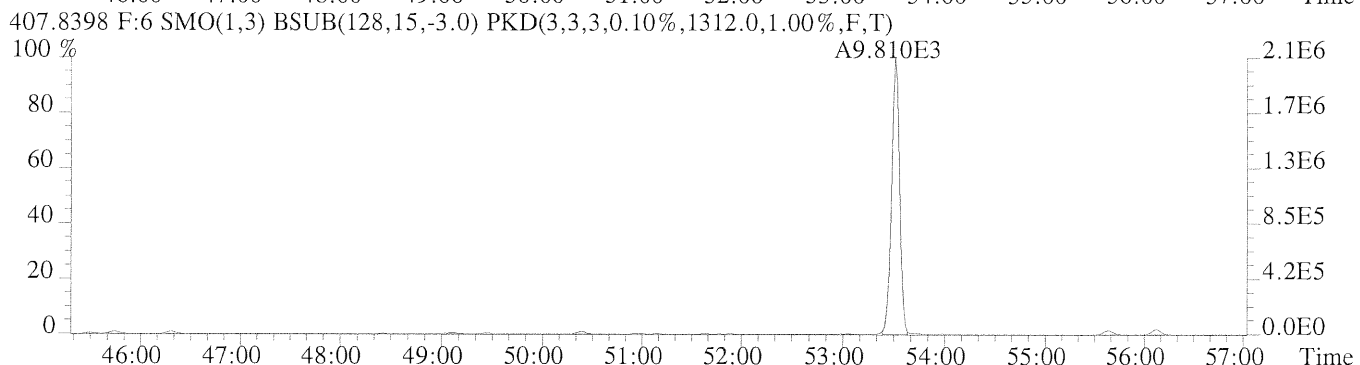
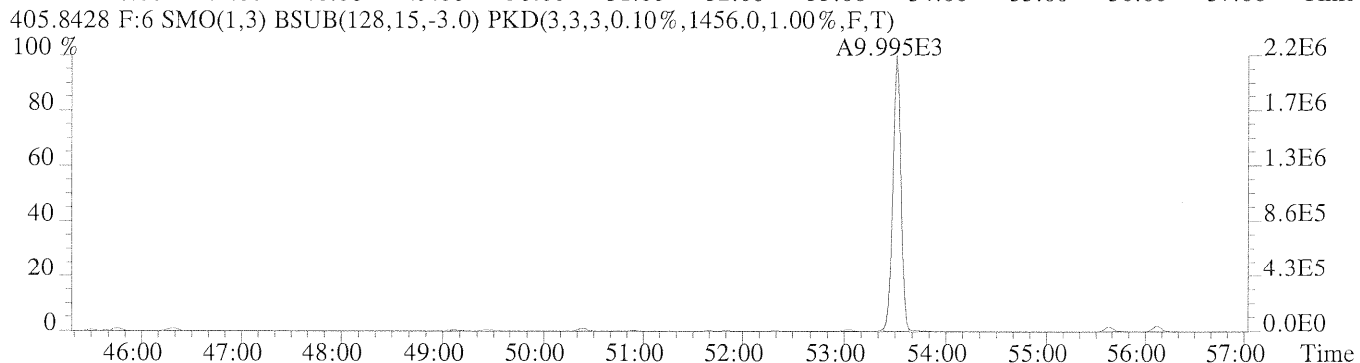
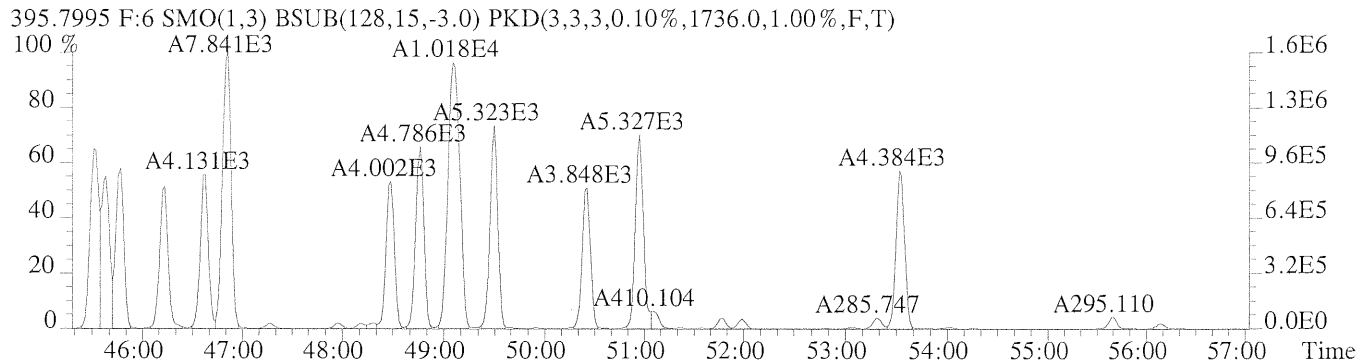
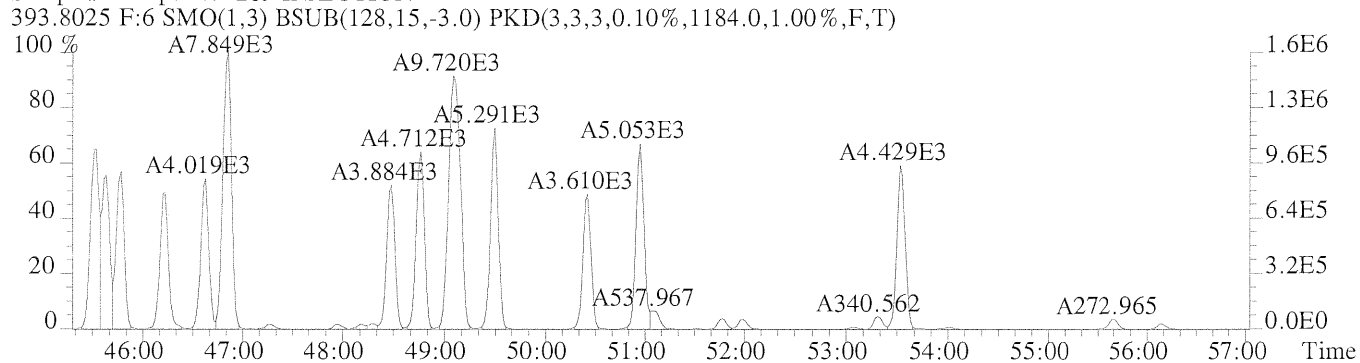
407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1004.0,1.00%,F,T)



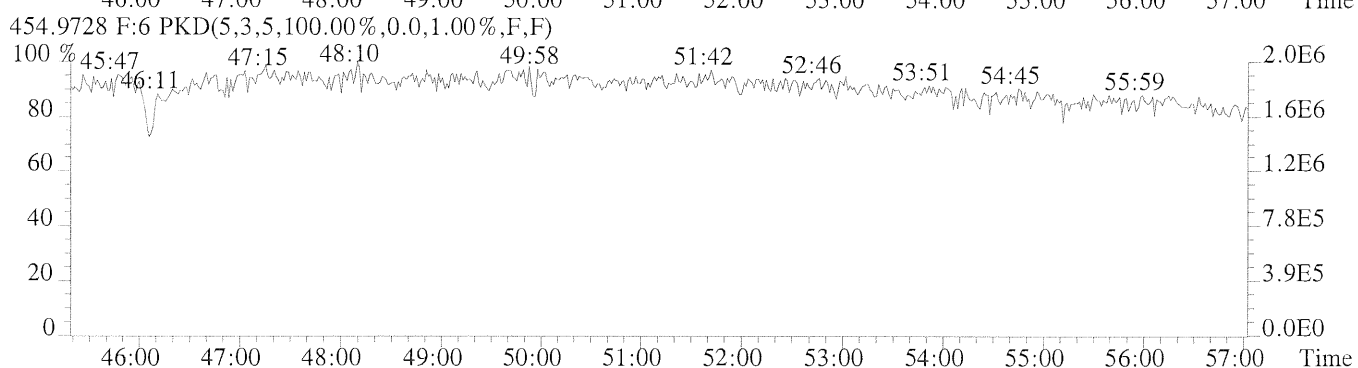
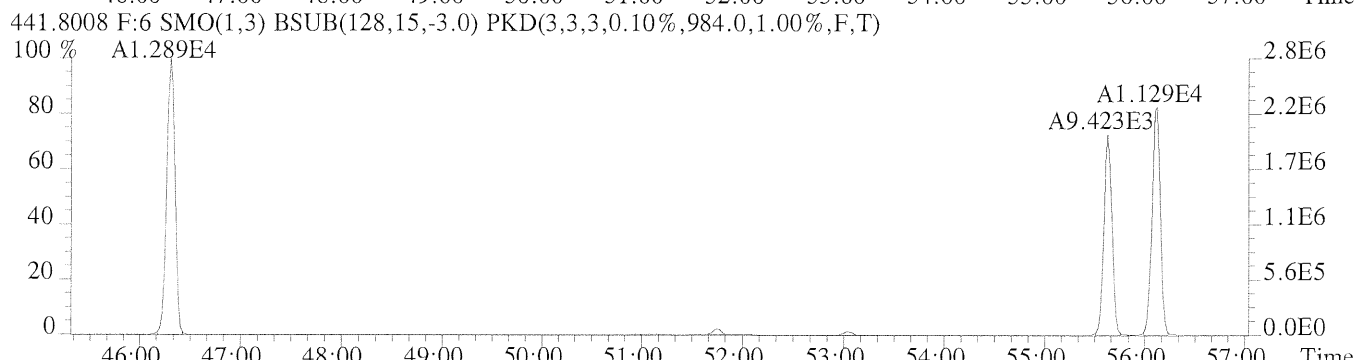
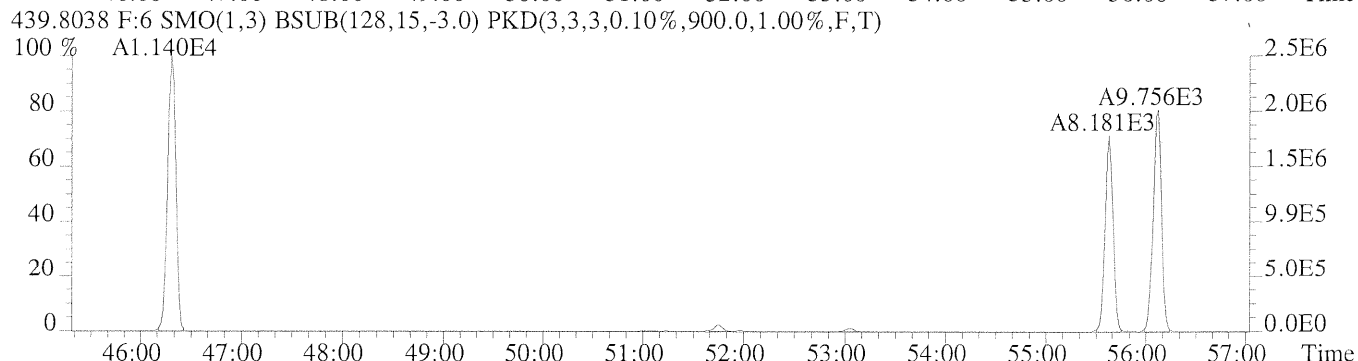
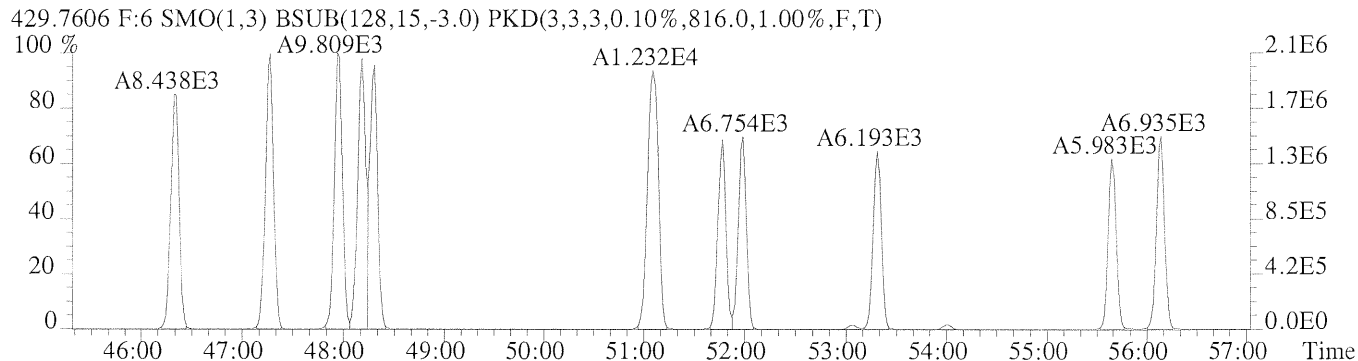
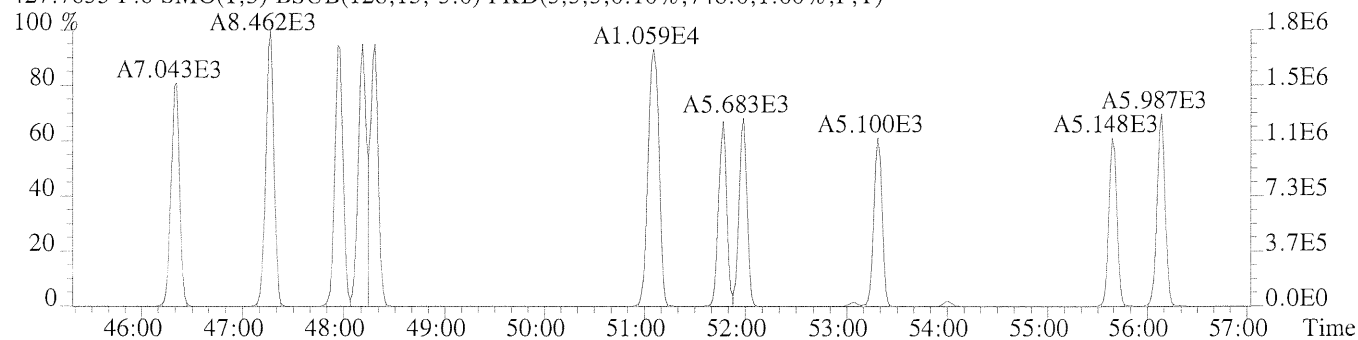
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U221015 #1-581 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION



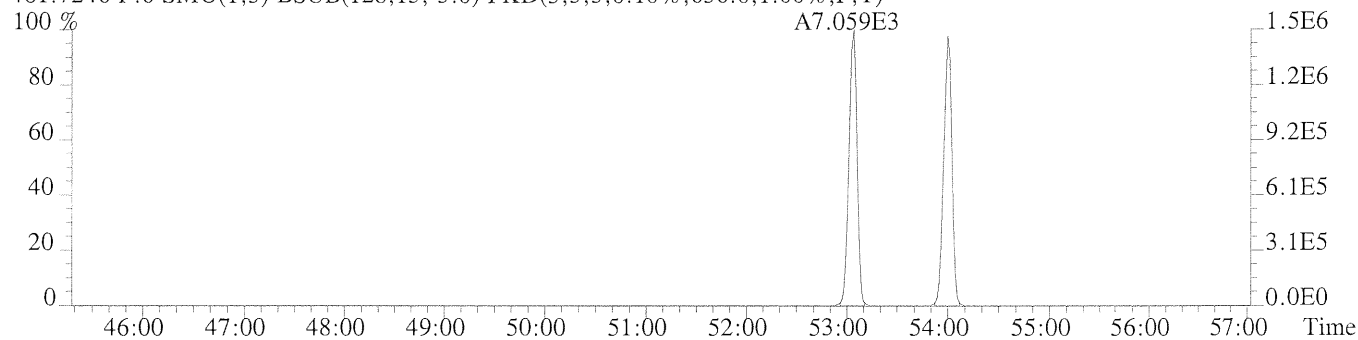
File:U221015 #1-581 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,748.0,1.00%,F,T)



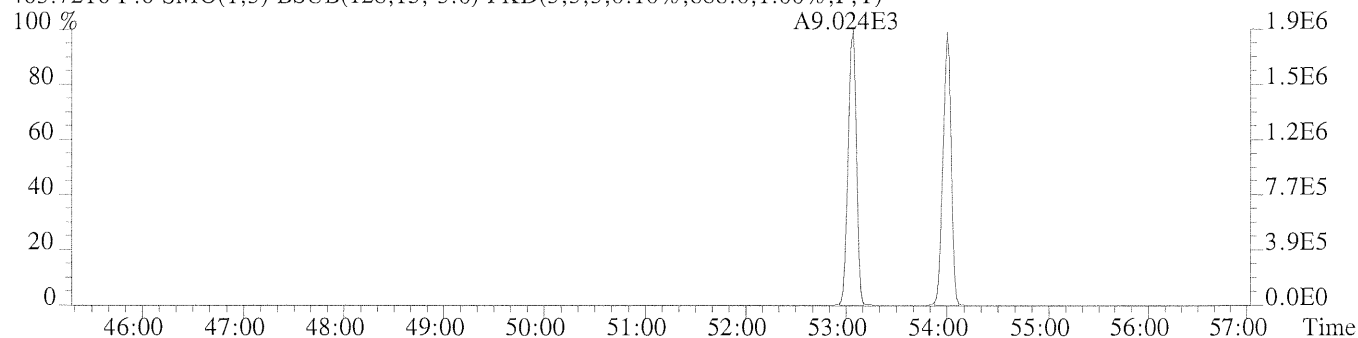
File:U221015 #1-581 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

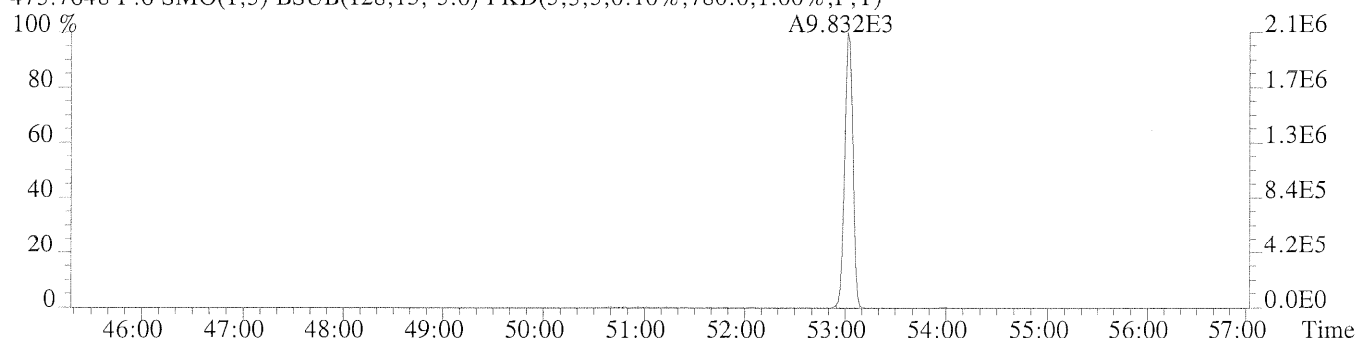
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,636.0,1.00%,F,T)



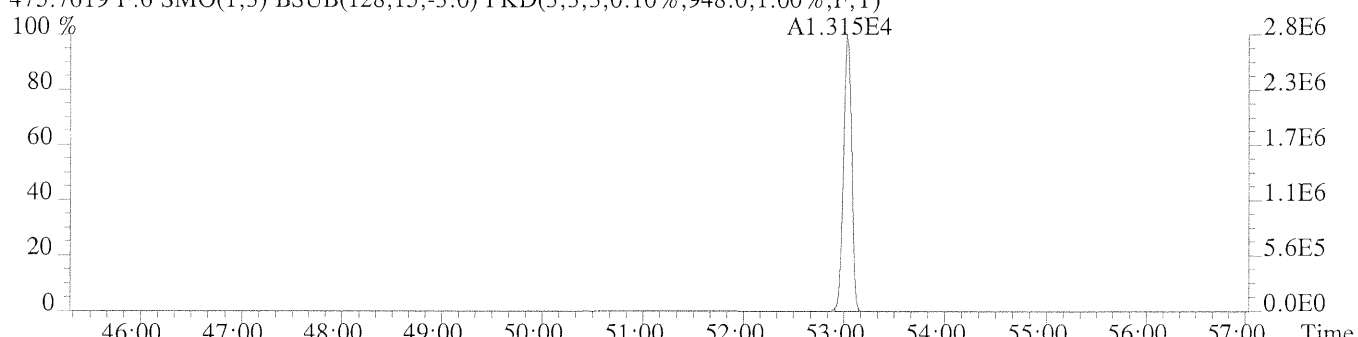
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,888.0,1.00%,F,T)



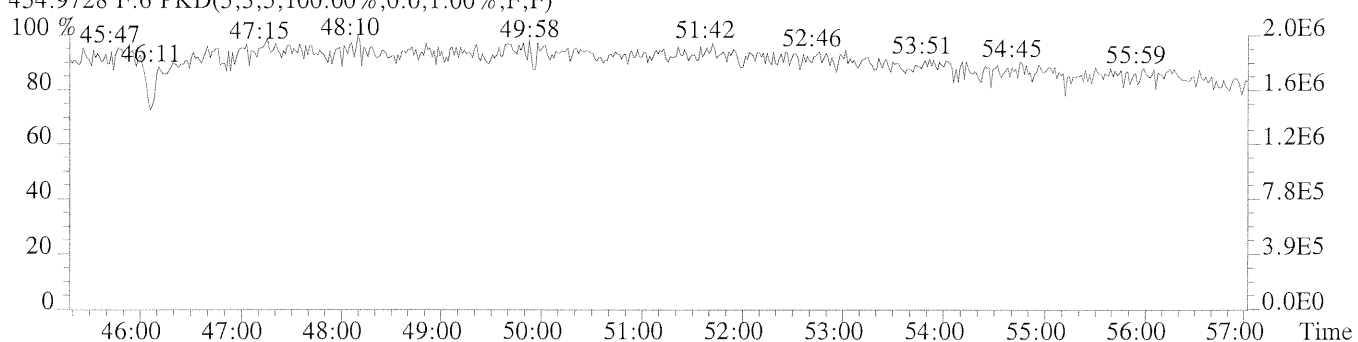
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,780.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,948.0,1.00%,F,T)

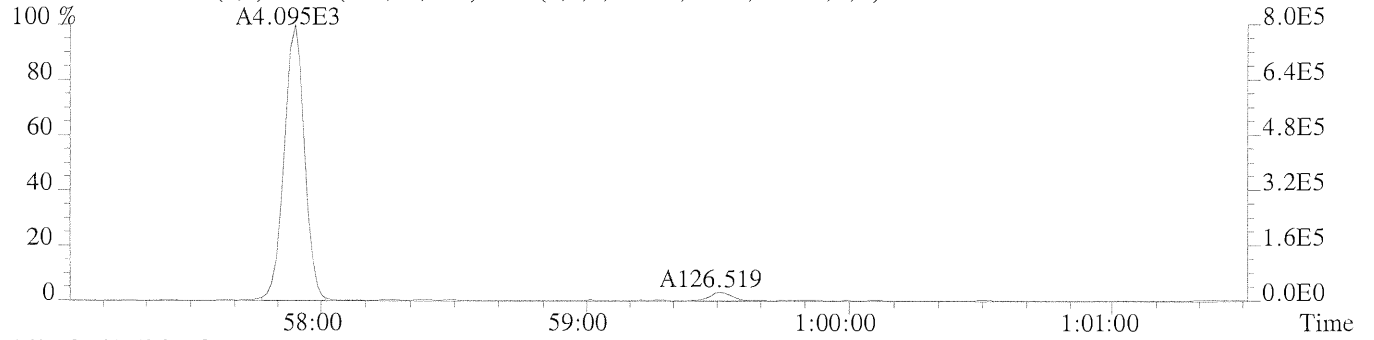


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

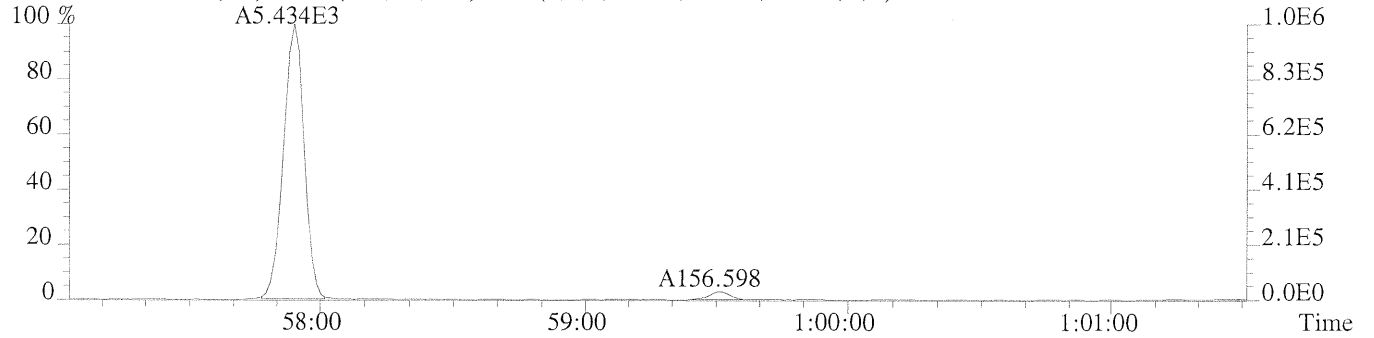


File:U221015 #1-253 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

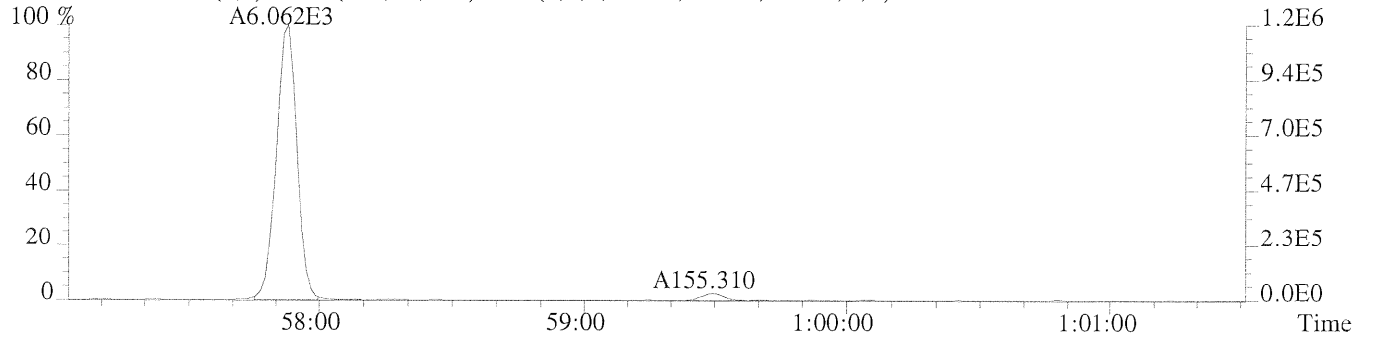
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,824.0,1.00%,F,T)



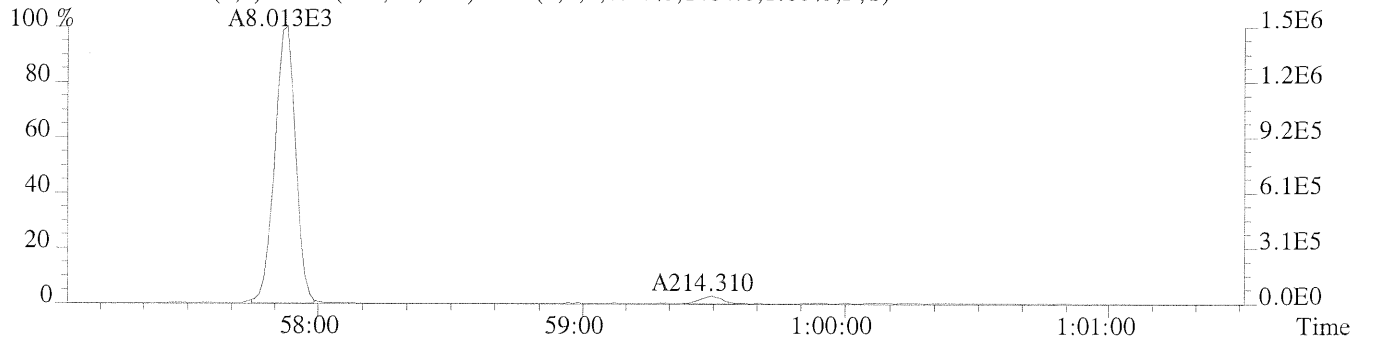
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1652.0,1.00%,F,T)



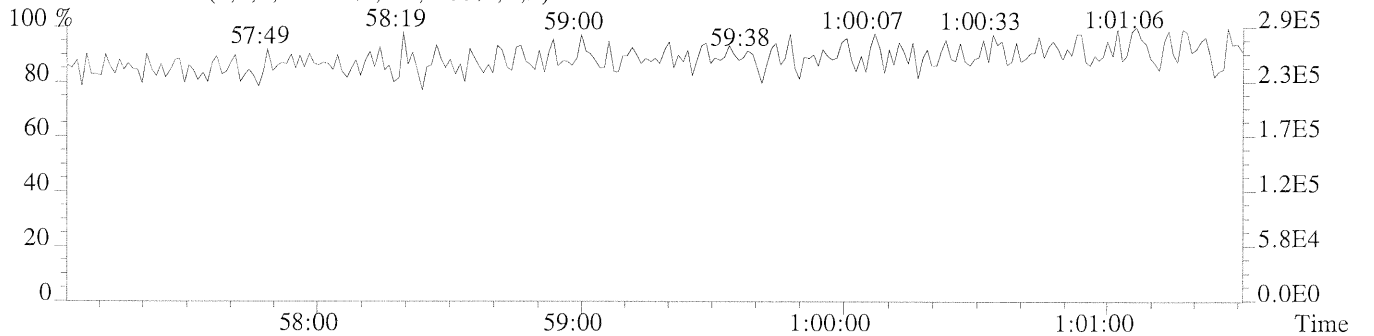
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1172.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1484.0,1.00%,F,T)



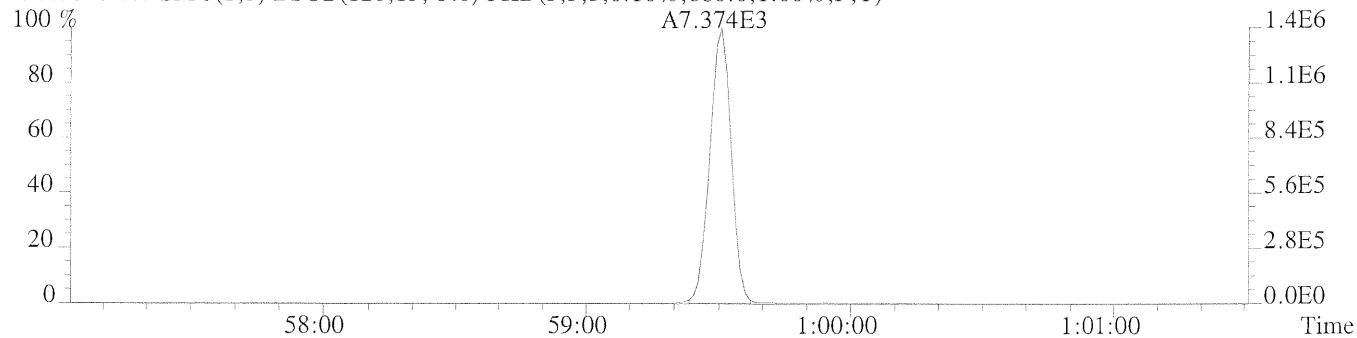
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



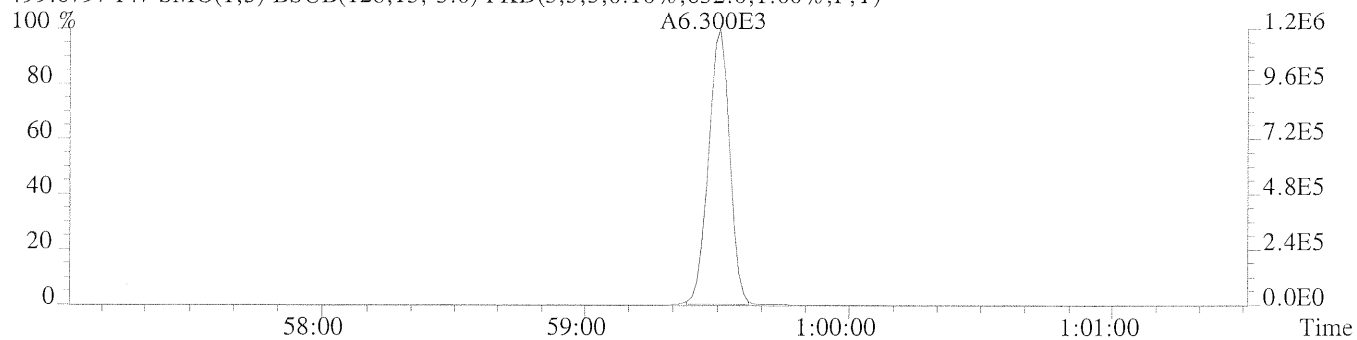
File:U221015 #1-253 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:PCB 209 INJECTION

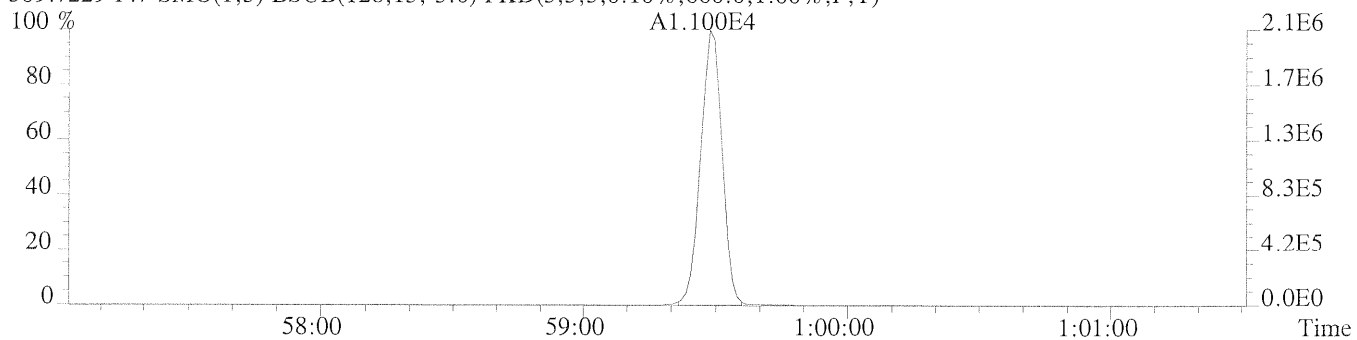
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,880.0,1.00%,F,T)



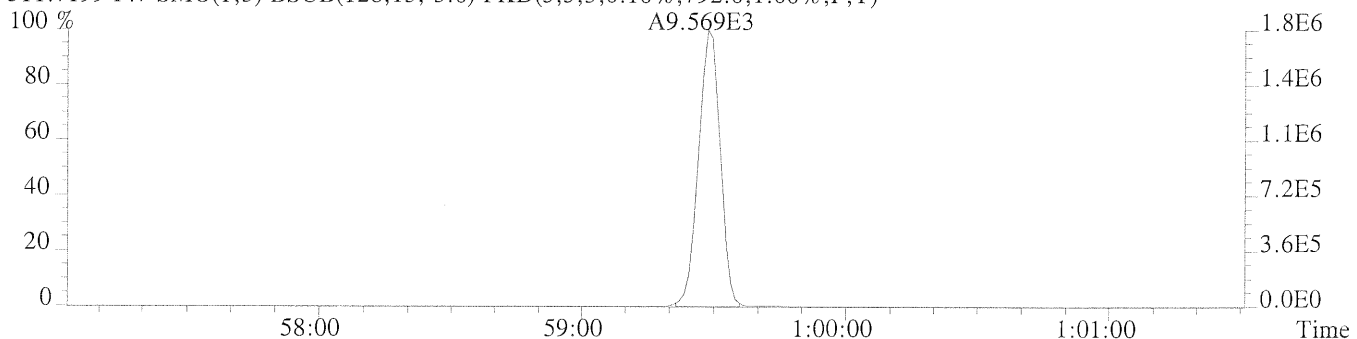
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,632.0,1.00%,F,T)



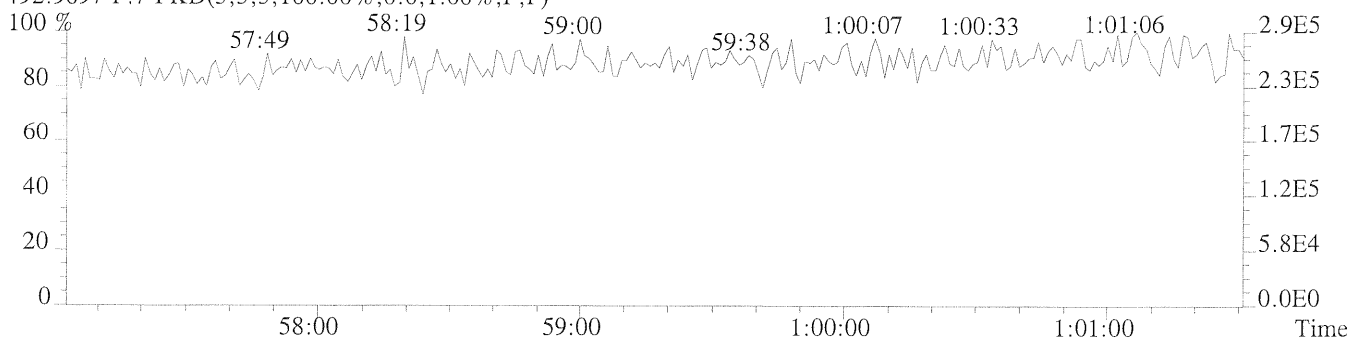
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,660.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,792.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



FORM 3A
PCB INITIAL CALIBRATION RELATIVE RESPONSES

Lab Name: Columbia Analytical Services Episode No.:

Contract No.: SDG No.:

Initial Calibration Date: 10/19/09

Instrument ID: AutoSpec-Ultima GC Column: SPB-Octyl

CS1 Data Filename: U221016 CS4 Data Filename: U221019

CS2 Data Filename: U221017 CS5 Data Filename: U221020

CS3 Data Filename: U221018

NATIVE ANALYTES	IUPAC	RELATIVE RESPONSE (RR)					MEAN RR	Cv (RSD) (1)
		CS1	CS2	CS3	CS4	CS5		
2-MoCB	1	1.04	1.04	1.05	1.09	1.09	1.06	2.53
4-MoCB	3	1.06	1.01	1.07	1.08	1.06	1.06	2.39
22'-DiCB	4	0.94	0.94	0.96	0.96	0.97	0.95	1.68
44'-DiCB	15	0.95	0.96	0.97	1.03	0.99	0.98	3.37
22'6'-TrCB	19	1.06	0.99	1.01	1.02	1.03	1.02	2.45
344'-TrCB	37	1.06	1.02	1.08	1.14	1.10	1.08	4.14
22'66'-TeCB	54	0.92	0.95	0.99	0.99	0.96	0.96	3.15
344'5'-TeCB	81	1.08	1.05	1.12	1.08	1.09	1.08	2.32
33'44'-TeCB	77	1.04	0.94	1.11	1.04	1.05	1.04	5.90
22'466'-PeCB	104	0.98	0.99	1.03	1.02	1.01	1.00	2.14
2'344'5'-PeCB	123	1.07	1.05	1.09	1.08	1.09	1.08	1.53
23'44'5'-PeCB	118	1.14	1.10	1.04	1.13	1.10	1.10	3.65
2344'5'-PeCB	114	1.10	1.05	1.08	1.08	1.08	1.08	1.61
233'44'-PeCB	105	1.05	1.03	1.07	1.07	1.08	1.06	1.72
33'44'5'-PeCB	126	1.02	1.00	1.07	1.05	1.06	1.04	2.65
22'44'66'-HxCB	155	0.92	0.99	1.00	0.98	0.98	0.98	3.25
23'44'55'-HxCB	167	1.03	0.99	1.06	1.04	1.04	1.03	2.37
233'44'5'-HxCB	156 ₁₁	1.03	1.03	1.09	1.08	1.10	1.06	2.94
33'44'55'-HxCB	169	1.02	1.01	1.09	1.02	1.04	1.04	3.09
22'34'566'-HpCB	188	0.89	0.97	0.93	0.97	0.98	0.95	3.84
233'44'55'-HpCB	189	0.85	0.92	1.01	0.88	0.90	0.91	6.40
22'33'55'66'-OcCB	202	0.79	0.87	0.94	0.85	0.89	0.87	6.28
233'44'55'6'-OcCB	205	0.92	0.94	0.96	0.88	0.97	0.93	3.50
22'33'4'55'66'-NoCB	208	0.85	0.90	1.00	0.93	0.90	0.91	6.19
22'33'44'55'6'-NoCB	206	0.89	0.89	0.97	0.98	0.95	0.94	4.61
DeCB	209	0.94	0.90	0.95	0.92	0.92	0.92	2.26

(1) The %RSD for the 26 unlabeled standard must not exceed +/- 20%(PCB156/157 coeluted), see Section 10.4.4, Method 1668A.

SP1668F3A

Columbia Analytical Services, Inc.

Sample Response Summary

CLIENT ID.

ICAL CS1

Run #1 Filename U221016 #1 Samp: 1 Inj: 1 Acquired: 19-OCT-09 12:41:45
 Processed: 20-APR-10 10:37:18 LAB. ID: ICAL CS1

Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT	
1	1	2-MoCB	14:06	5.786e+02	1.934e+02	2.99	yes	no	1.001
2	3	4-MoCB	16:32	6.167e+02	1.965e+02	3.14	yes	no	1.002
3	4	22'-DiCB	16:48	3.445e+02	2.283e+02	1.51	yes	no	1.001
4	15	44'-DiCB	23:11	4.091e+02	2.425e+02	1.69	yes	yes	1.000
5	19	22'6'-TrCB	20:13	2.141e+02	2.241e+02	0.96	yes	no	1.002
6	37	344'-TrCB	30:32	3.566e+02	3.816e+02	0.93	yes	no	1.001
7	54	22'66'-TeCB	23:31	2.584e+02	3.529e+02	0.73	yes	no	1.002
8	81	344'5'-TeCB	37:26	2.686e+02	3.708e+02	0.72	yes	no	1.001
9	77	33'44'-TeCB	38:01	2.641e+02	3.622e+02	0.73	yes	no	1.001
10	104	22'466'-PeCB	29:15	3.840e+02	2.490e+02	1.54	yes	no	1.001
11	123	2'344'5'-PeCB	40:01	3.539e+02	2.177e+02	1.63	yes	no	1.000
12	118	23'44'5'-PeCB	40:22	3.845e+02	2.479e+02	1.55	yes	no	1.001
13	114	2344'5'-PeCB	40:55	3.831e+02	2.222e+02	1.72	yes	no	1.001
14	105	233'44'-PeCB	41:34	3.343e+02	2.282e+02	1.47	yes	no	1.001
15	126	33'44'5'-PeCB	44:41	3.231e+02	1.976e+02	1.63	yes	no	1.000
16	155	22'44'66'-HxCB	35:05	3.294e+02	2.688e+02	1.23	yes	no	1.001
17	167	23'44'55'-HxCB	46:34	2.306e+02	2.029e+02	1.14	yes	no	1.000
18	156/7	233'44'5'-HxCB	47:44	4.368e+02	3.607e+02	1.21	yes	no	1.000
19	169	33'44'55'-HxCB	51:00	1.919e+02	1.819e+02	1.05	yes	yes	1.001
20	188	22'34'566'-HpCB	40:54	2.486e+02	2.391e+02	1.04	yes	no	1.001
21	189	233'44'55'-HpCB	53:32	1.523e+02	1.513e+02	1.01	yes	no	1.000
22	202	22'33'55'66'-OxCB	46:19	1.578e+02	1.665e+02	0.95	yes	no	1.000
23	205	233'44'55'6'-OxCB	56:07	1.311e+02	1.604e+02	0.82	yes	no	1.000
24	208	22'33'4'55'66'-NoCB	53:03	1.326e+02	1.685e+02	0.79	yes	no	1.000
25	206	22'33'44'55'6'-NoCB	57:53	1.022e+02	1.306e+02	0.78	yes	no	1.000
26	209	DeCB	59:29	1.830e+02	1.513e+02	1.21	yes	no	1.000
27	1L	13C-2-MoCB	14:05	5.601e+04	1.813e+04	3.09	yes	no	0.743
28	3L	13C-4-MoCB	16:30	5.824e+04	1.877e+04	3.10	yes	no	0.871
29	4L	13C-22'-DiCB	16:47	3.702e+04	2.422e+04	1.53	yes	no	0.886
30	15L	13C-44'-DiCB	23:10	4.186e+04	2.696e+04	1.55	yes	no	1.223
31	19L	13C-22'6'-TrCB	20:11	2.098e+04	2.047e+04	1.03	yes	no	1.065
32	37L	13C-344'-TrCB	30:30	3.578e+04	3.380e+04	1.06	yes	no	1.080
33	54L	13C-22'66'-TeCB	23:29	2.924e+04	3.736e+04	0.78	yes	no	0.831
34	81L	13C-344'5'-TeCB	37:24	2.582e+04	3.348e+04	0.77	yes	no	1.324
35	77L	13C-33'44'-TeCB	37:59	2.658e+04	3.353e+04	0.79	yes	no	1.344
36	104L	13C-22'466'-PeCB	29:13	3.907e+04	2.574e+04	1.52	yes	no	0.828
37	123L	13C-2'344'5'-PeCB	40:00	3.284e+04	2.073e+04	1.58	yes	no	1.134
38	118L	13C-23'44'5'-PeCB	40:20	3.418e+04	2.129e+04	1.61	yes	no	1.143
39	114L	13C-2344'5'-PeCB	40:53	3.386e+04	2.133e+04	1.59	yes	no	1.159
40	105L	13C-233'44'-PeCB	41:32	3.294e+04	2.078e+04	1.59	yes	no	1.177
41	126L	13C-33'44'5'-PeCB	44:40	3.099e+04	1.986e+04	1.56	yes	no	1.266
42	155L	13C-22'44'66'-HxCB	35:03	3.611e+04	2.876e+04	1.26	yes	no	0.806
43	167L	13C-23'44'55'-HxCB	46:33	2.341e+04	1.885e+04	1.24	yes	no	1.070
44	156/7	13C-233'44'5'-HxCB	47:43	4.370e+04	3.384e+04	1.29	yes	no	1.097
45	169L	13C-33'44'55'-HxCB	50:58	2.070e+04	1.593e+04	1.30	yes	no	1.172
46	188L	13C-22'34'566'-HpCB	40:52	2.765e+04	2.699e+04	1.02	yes	no	0.735
47	189L	13C-233'44'55'-HpCB	53:31	1.845e+04	1.736e+04	1.06	yes	no	0.962
48	202L	13C-22'33'55'66'-OxCB	46:18	1.926e+04	2.165e+04	0.89	yes	no	0.832
49	205L	13C-233'44'55'6'-OxCB	56:06	1.479e+04	1.692e+04	0.87	yes	no	1.008
50	208L	13C-22'33'4'55'66'-NoCB	53:02	1.571e+04	1.980e+04	0.79	yes	no	0.953
51	206L	13C-22'33'44'55'6'-NoCB	57:52	1.146e+04	1.461e+04	0.78	yes	no	1.040
52	209L	13C-DeCB	59:28	1.952e+04	1.622e+04	1.20	yes	no	1.069

53	28L	13C-244'-TrCB	26:21	4.027e+04	3.864e+04	1.04	yes	no	0.932
54	111L	13C-233'55'-PeCB	38:00	3.376e+04	2.184e+04	1.55	yes	no	1.077
55	178L	13C-22'33'55'6'-HpCB	43:57	1.957e+04	1.867e+04	1.05	yes	no	1.010
56	9L	13C-2,5-DiCB	18:57	4.015e+04	2.520e+04	1.59	yes	no	*
57	52L	13C-22'55'-TeCB	28:15	2.299e+04	2.937e+04	0.78	yes	no	*
58	101L	13C-22'4'55'-PeCB	35:17	2.701e+04	1.709e+04	1.58	yes	no	*
59	138L	13C-22'3'44'5'-HxCB	43:30	2.290e+04	1.835e+04	1.25	yes	no	*
60	194L	13C-22'33'44'55'-OxCB	55:38	1.143e+04	1.307e+04	0.87	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
ICAL CS1

Run #1 Filename U221016 Samp: 1 Inj: 1 Acquired: 19-OCT-09 12:41:45
Processed: 20-APR-10 10:37:181 LAB. ID: ICAL CS1

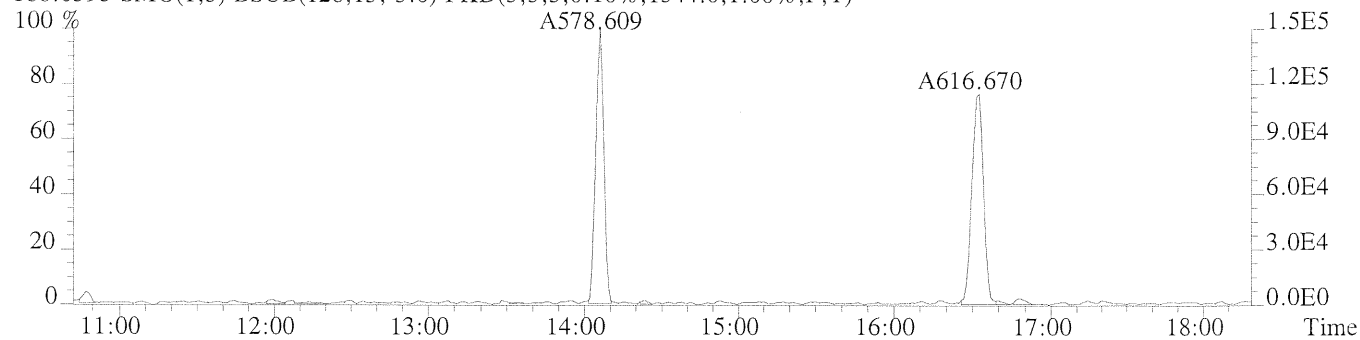
	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	1.49e+05	1.34e+03	1.1e+02	4.86e+04	1.48e+03	3.3e+01
2	4-MoCB	1.14e+05	1.34e+03	8.5e+01	3.68e+04	1.48e+03	2.5e+01
3	22'-DiCB	6.10e+04	2.06e+03	3.0e+01	4.31e+04	1.06e+04	4.1e+00
4	44'-DiCB	5.98e+04	1.76e+03	3.4e+01	4.01e+04	8.89e+03	4.5e+00
5	22'6'-TrCB	3.56e+04	1.05e+03	3.4e+01	3.57e+04	1.73e+03	2.1e+01
6	344'-TrCB	4.19e+04	1.18e+03	3.6e+01	4.22e+04	1.74e+03	2.4e+01
7	22'66'-TeCB	3.85e+04	8.44e+02	4.6e+01	5.07e+04	1.07e+03	4.7e+01
8	344'5-TeCB	3.43e+04	1.01e+03	3.4e+01	5.59e+04	1.02e+03	5.5e+01
9	33'44'-TeCB	3.67e+04	1.01e+03	3.6e+01	4.70e+04	1.02e+03	4.6e+01
10	22'466'-PeCB	4.73e+04	1.44e+03	3.3e+01	2.82e+04	1.67e+03	1.7e+01
11	2'344'5-PeCB	5.42e+04	9.88e+02	5.5e+01	3.48e+04	1.99e+03	1.8e+01
12	23'44'5-PeCB	5.91e+04	9.88e+02	6.0e+01	3.63e+04	1.99e+03	1.8e+01
13	2344'5-PeCB	5.93e+04	9.88e+02	6.0e+01	3.17e+04	1.99e+03	1.6e+01
14	233'44'-PeCB	5.13e+04	9.88e+02	5.2e+01	3.37e+04	1.99e+03	1.7e+01
15	33'44'5-PeCB	5.20e+04	9.88e+02	5.3e+01	3.13e+04	1.99e+03	1.6e+01
16	22'44'66'-HxCB	4.40e+04	7.16e+02	6.1e+01	3.33e+04	7.84e+02	4.3e+01
17	23'44'55'-HxCB	4.47e+04	7.64e+02	5.9e+01	4.23e+04	5.28e+02	8.0e+01
18	233'44'5-HxCB	6.03e+04	7.64e+02	7.9e+01	5.61e+04	5.28e+02	1.1e+02
19	33'44'55'-HxCB	3.56e+04	7.64e+02	4.7e+01	3.58e+04	5.28e+02	6.8e+01
20	22'34'566'-HpCB	3.89e+04	1.19e+03	3.3e+01	3.81e+04	1.11e+03	3.4e+01
21	233'44'55'-HpCB	2.96e+04	7.16e+02	4.1e+01	3.16e+04	8.48e+02	3.7e+01
22	22'33'55'66'-OcCB	3.46e+04	8.16e+02	4.2e+01	3.36e+04	7.92e+02	4.2e+01
23	233'44'55'6-OcCB	2.70e+04	8.16e+02	3.3e+01	3.37e+04	7.92e+02	4.3e+01
24	22'33'4'55'66'-NoCB	2.78e+04	7.88e+02	3.5e+01	3.47e+04	8.56e+02	4.1e+01
25	22'33'44'55'6-NoCB	1.85e+04	8.84e+02	2.1e+01	2.56e+04	1.55e+03	1.7e+01
26	DeCB	3.41e+04	8.20e+02	4.2e+01	2.97e+04	7.32e+02	4.1e+01
27	13C-2-MoCB	1.41e+07	1.93e+03	7.3e+03	4.62e+06	1.71e+04	2.7e+02
28	13C-4-MoCB	1.08e+07	1.93e+03	5.6e+03	3.55e+06	1.71e+04	2.1e+02
29	13C-22'-DiCB	6.74e+06	1.40e+03	4.8e+03	4.42e+06	1.16e+03	3.8e+03
30	13C-44'-DiCB	5.98e+06	1.83e+03	3.3e+03	3.84e+06	1.18e+03	3.3e+03
31	13C-22'6'-TrCB	3.35e+06	2.43e+04	1.4e+02	3.33e+06	8.16e+03	4.1e+02
32	13C-344'-TrCB	4.39e+06	1.39e+04	3.2e+02	4.17e+06	6.43e+03	6.5e+02
33	13C-22'66'-TeCB	4.26e+06	1.11e+03	3.8e+03	5.48e+06	1.13e+03	4.9e+03
34	13C-344'5-TeCB	3.52e+06	2.70e+03	1.3e+03	4.59e+06	2.72e+03	1.7e+03
35	13C-33'44'-TeCB	3.73e+06	2.70e+03	1.4e+03	4.66e+06	2.72e+03	1.7e+03
36	13C-22'466'-PeCB	4.67e+06	1.38e+03	3.4e+03	3.13e+06	1.30e+03	2.4e+03
37	13C-2'344'5-PeCB	4.93e+06	1.98e+03	2.5e+03	3.14e+06	2.14e+03	1.5e+03
38	13C-23'44'5-PeCB	5.19e+06	1.98e+03	2.6e+03	3.21e+06	2.14e+03	1.5e+03
39	13C-2344'5-PeCB	5.15e+06	1.98e+03	2.6e+03	3.25e+06	2.14e+03	1.5e+03
40	13C-233'44'-PeCB	5.06e+06	1.98e+03	2.6e+03	3.19e+06	2.14e+03	1.5e+03
41	13C-33'44'5-PeCB	4.81e+06	1.98e+03	2.4e+03	3.10e+06	2.14e+03	1.5e+03
42	13C-22'44'66'-HxCB	4.83e+06	1.24e+03	3.9e+03	3.83e+06	1.03e+03	3.7e+03
43	13C-23'44'55'-HxCB	4.69e+06	4.60e+03	1.0e+03	3.79e+06	1.64e+03	2.3e+03
44	13C-233'44'5'-HxCB	6.64e+06	4.60e+03	1.4e+03	5.09e+06	1.64e+03	3.1e+03
45	13C-33'44'55'-HxCB	4.06e+06	4.60e+03	8.8e+02	3.14e+06	1.64e+03	1.9e+03
46	13C-22'34'566'-HpCB	4.30e+06	1.66e+03	2.6e+03	4.16e+06	1.23e+03	3.4e+03
47	13C-233'44'55'-HpCB	3.81e+06	1.04e+03	3.7e+03	3.54e+06	1.64e+03	2.2e+03
48	13C-22'33'55'66'-OcCB	3.78e+06	1.30e+03	2.9e+03	4.28e+06	8.44e+02	5.1e+03
49	13C-233'44'55'6-OcCB	3.01e+06	1.30e+03	2.3e+03	3.42e+06	8.44e+02	4.1e+03
50	13C-22'33'4'55'66'-NoCB	3.32e+06	1.12e+03	3.0e+03	4.14e+06	1.02e+03	4.1e+03
51	13C-22'33'44'55'6-NoCB	2.10e+06	1.76e+03	1.2e+03	2.70e+06	1.70e+03	1.6e+03
52	13C-DeCB	3.69e+06	1.05e+03	3.5e+03	3.00e+06	7.44e+02	4.0e+03

53	13C-244'-TrCB	4.89e+06	1.39e+04	3.5e+02	4.68e+06	6.43e+03	7.3e+02
54	13C-233'55'-PeCB	4.96e+06	1.24e+03	4.0e+03	3.22e+06	1.26e+03	2.5e+03
55	13C-22'33'55'6-HpCB	3.19e+06	1.66e+03	1.9e+03	3.04e+06	1.23e+03	2.5e+03
56	13C-2,5-DiCB	6.86e+06	1.83e+03	3.7e+03	4.29e+06	1.18e+03	3.7e+03
57	13C-22'55'-TeCB	2.77e+06	1.37e+03	2.0e+03	3.53e+06	1.40e+03	2.5e+03
58	13C-22'4'55'-PeCB	3.64e+06	1.24e+03	2.9e+03	2.33e+06	1.26e+03	1.8e+03
59	13C-22'3'44'5'-HxCB	3.71e+06	1.29e+03	2.9e+03	2.99e+06	1.28e+03	2.3e+03
60	13C-22'33'44'55'-OxCB	2.39e+06	1.30e+03	1.8e+03	2.76e+06	8.44e+02	3.3e+03

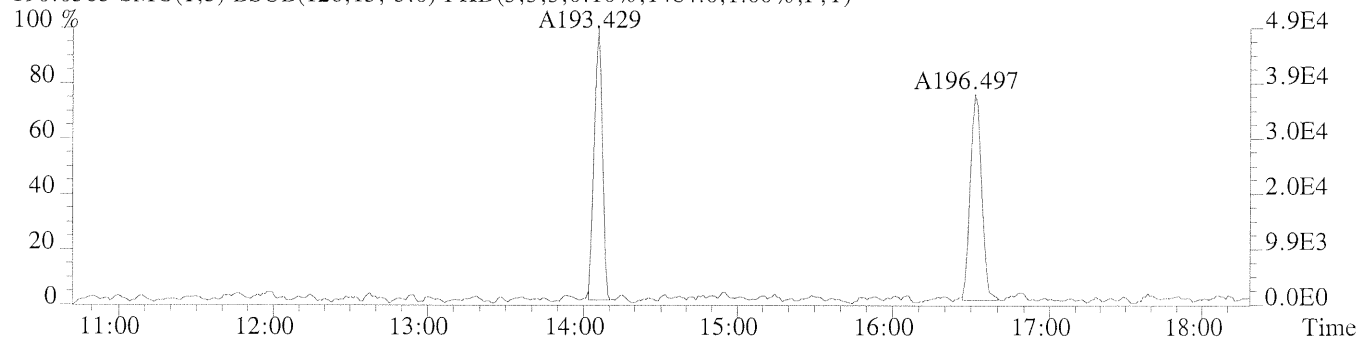
File:U221016 #1-489 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

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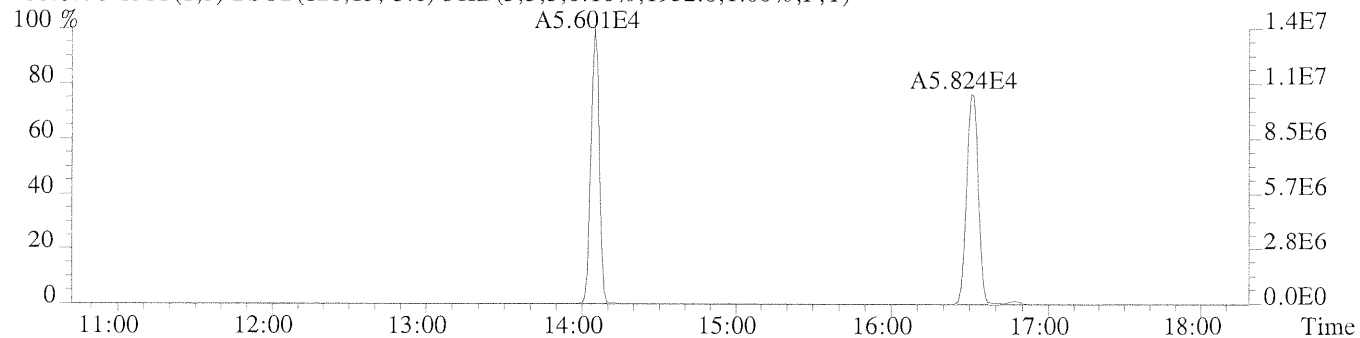
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1344.0,1.00%,F,T)



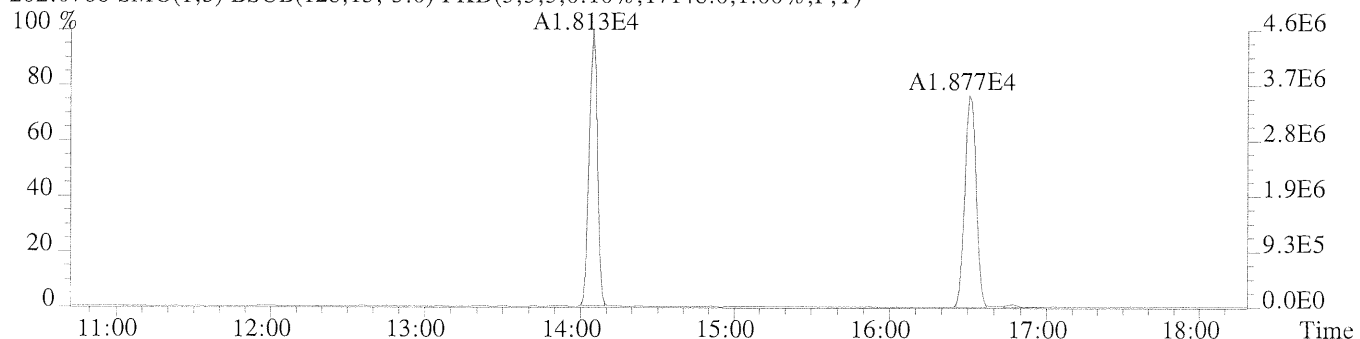
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1484.0,1.00%,F,T)



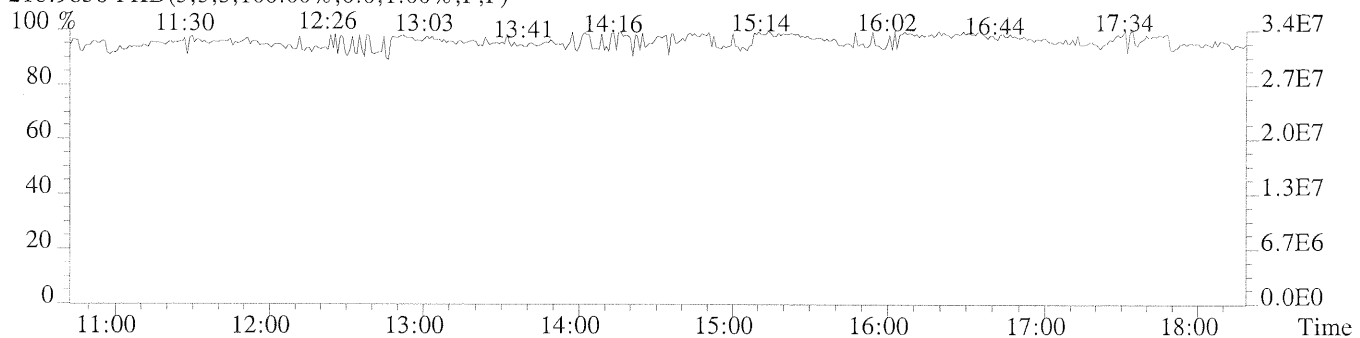
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1932.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,17148.0,1.00%,F,T)



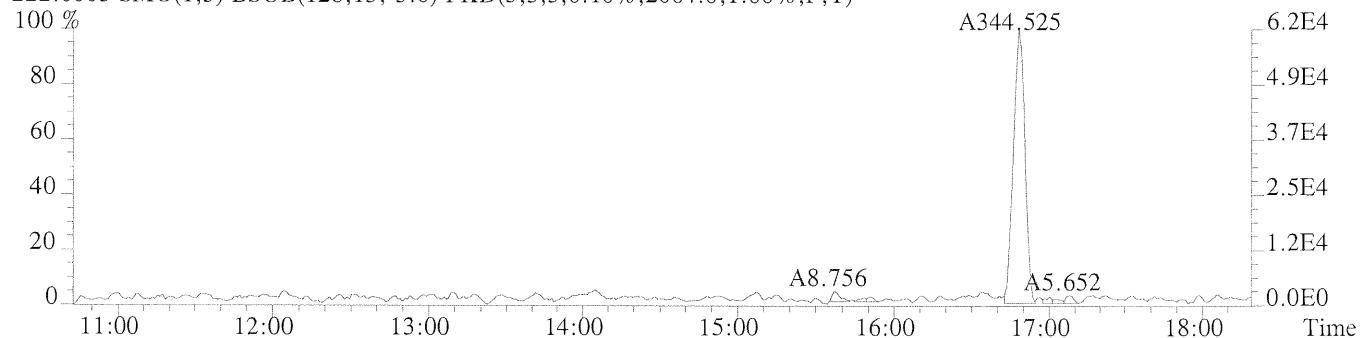
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



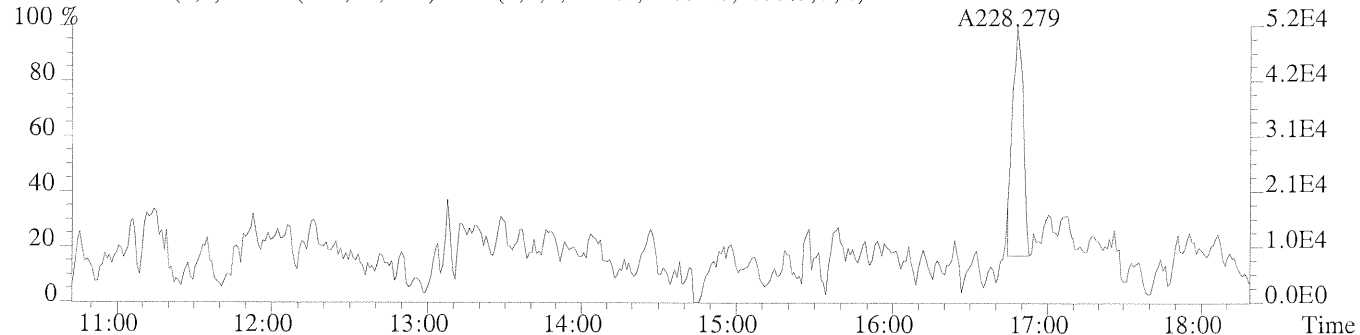
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Sample#1 Exp:ICAL CSI

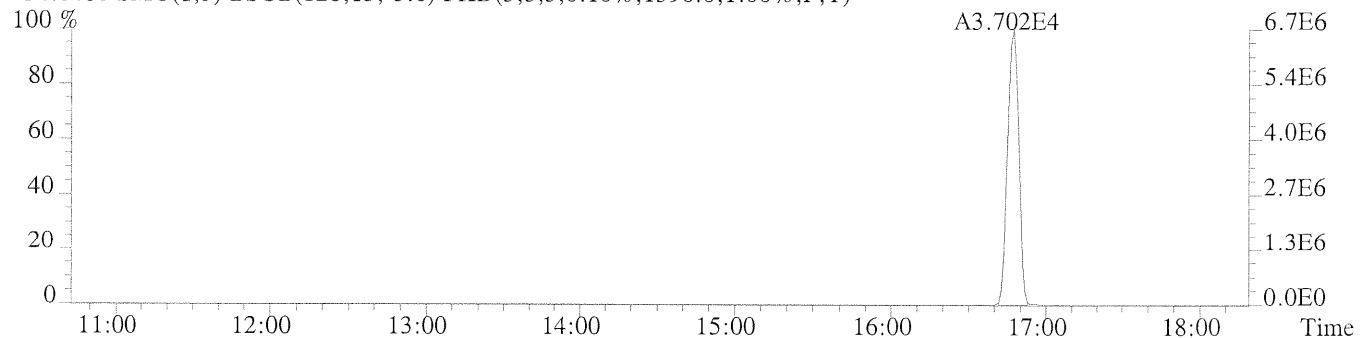
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2064.0,1.00%,F,T)



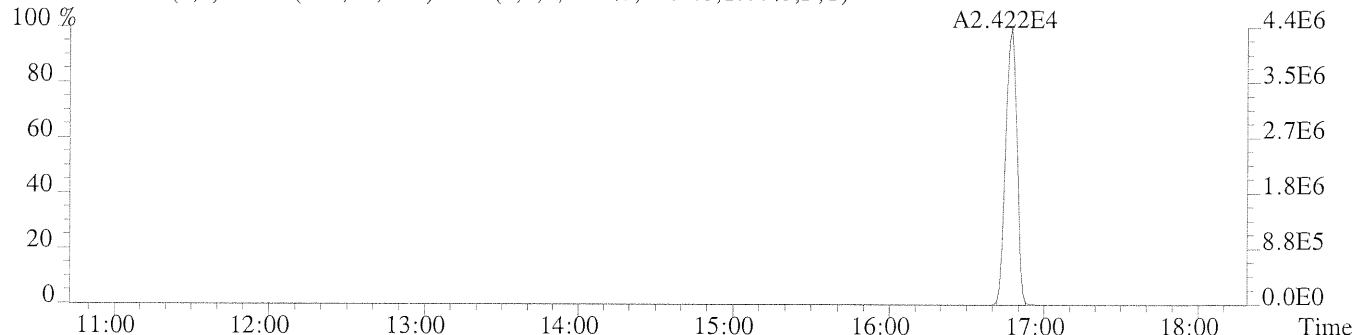
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10604.0,1.00%,F,T)



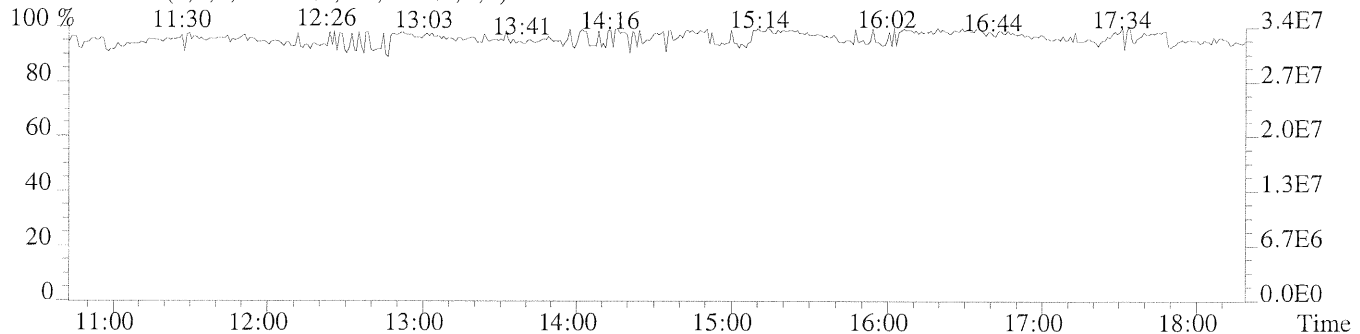
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1396.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1164.0,1.00%,F,T)



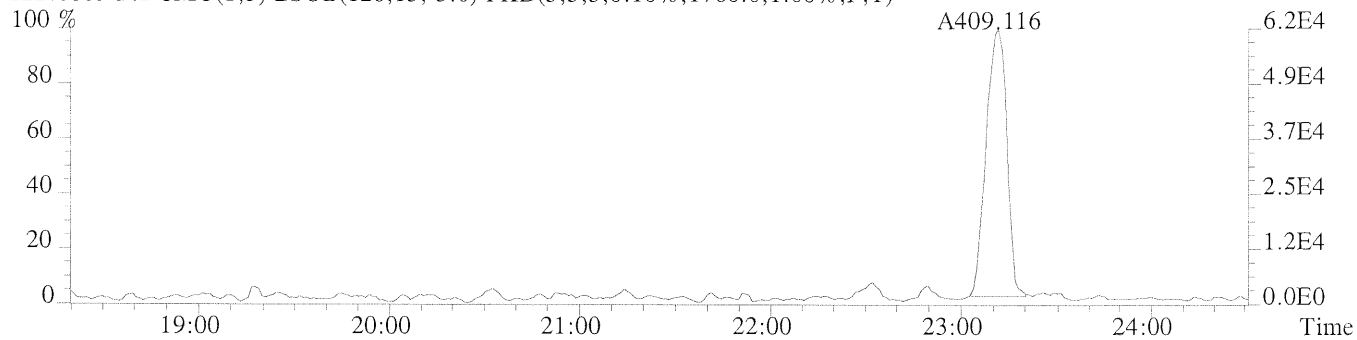
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



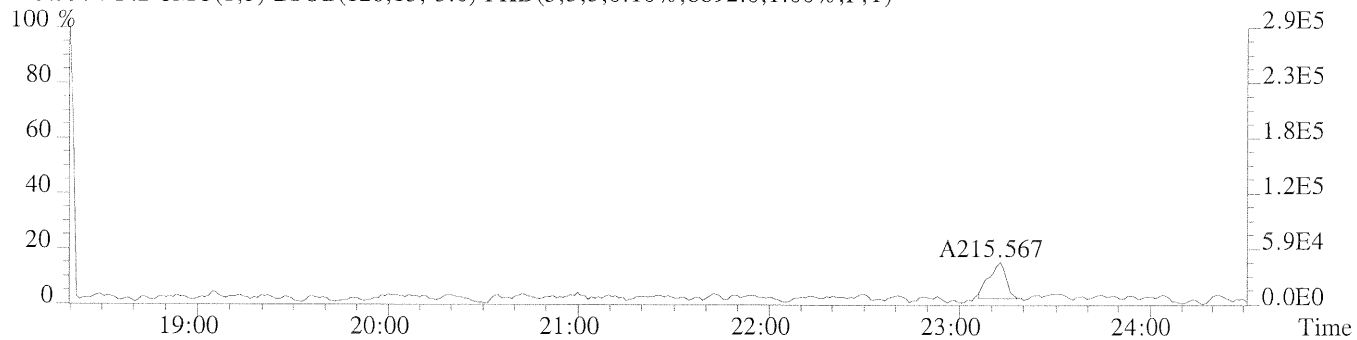
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Sample#1 Exp:ICAL CSI

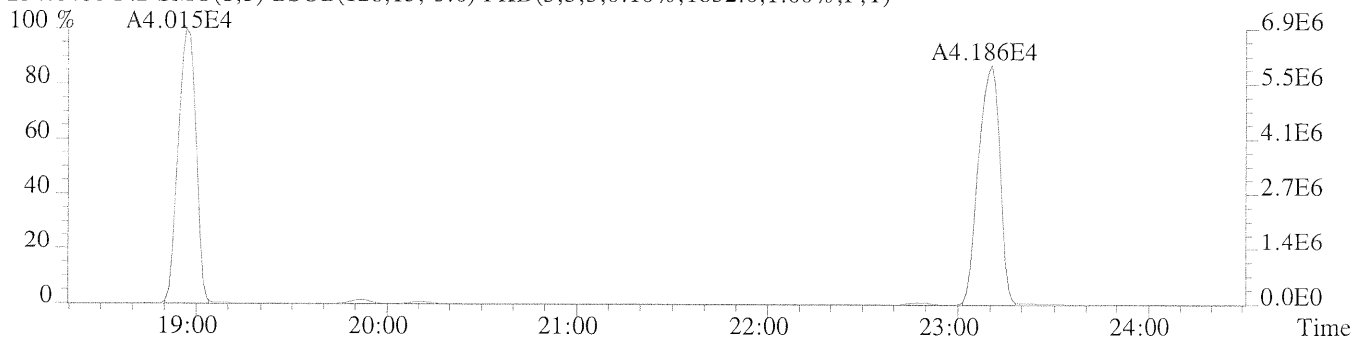
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1760.0,1.00%,F,T)



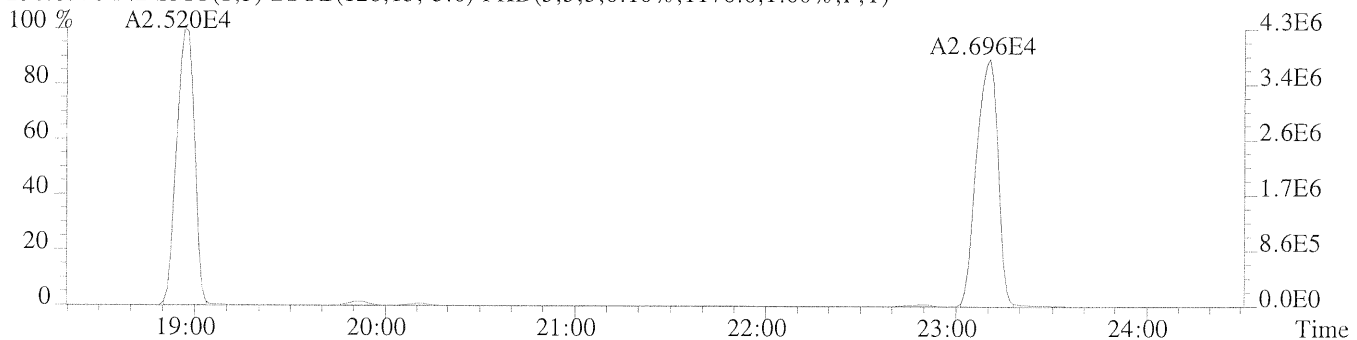
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8892.0,1.00%,F,T)



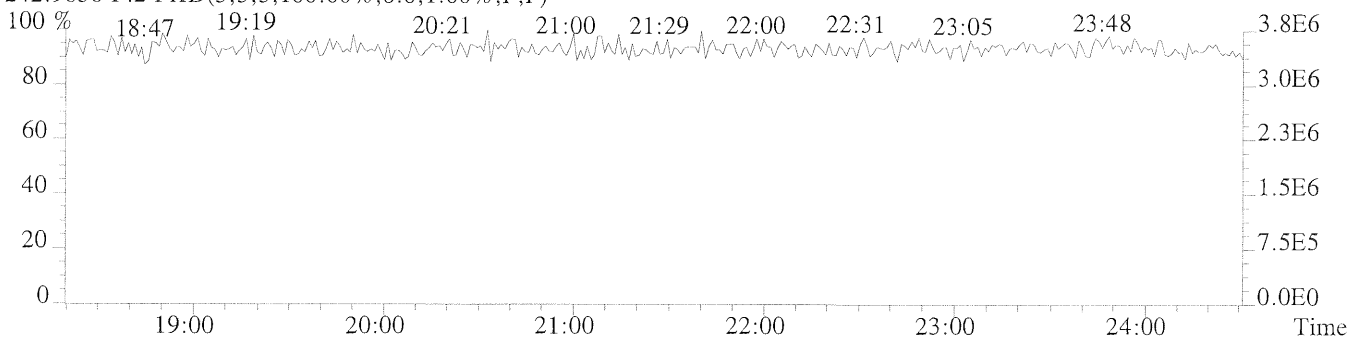
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1832.0,1.00%,F,T)



236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1176.0,1.00%,F,T)

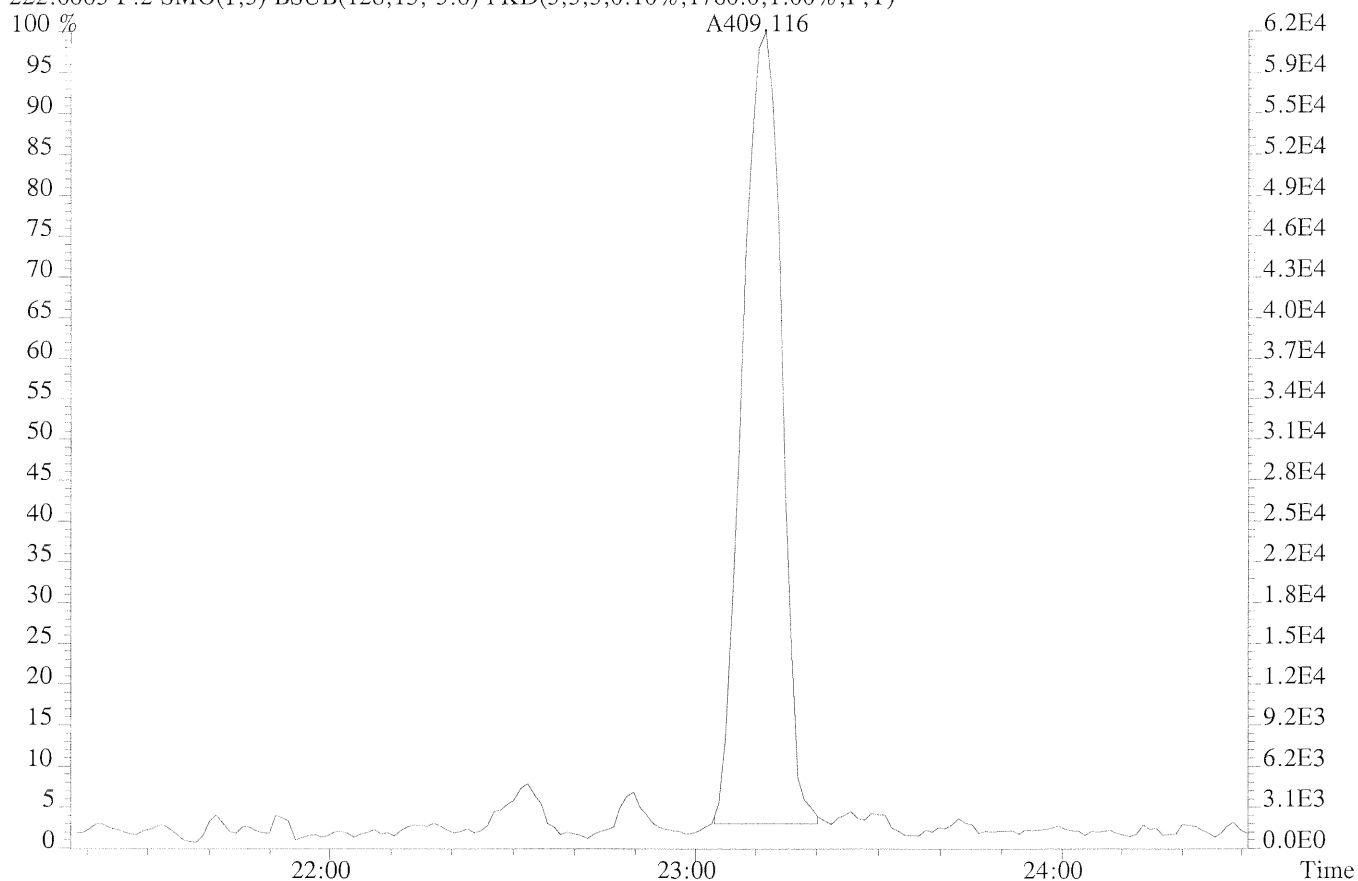


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

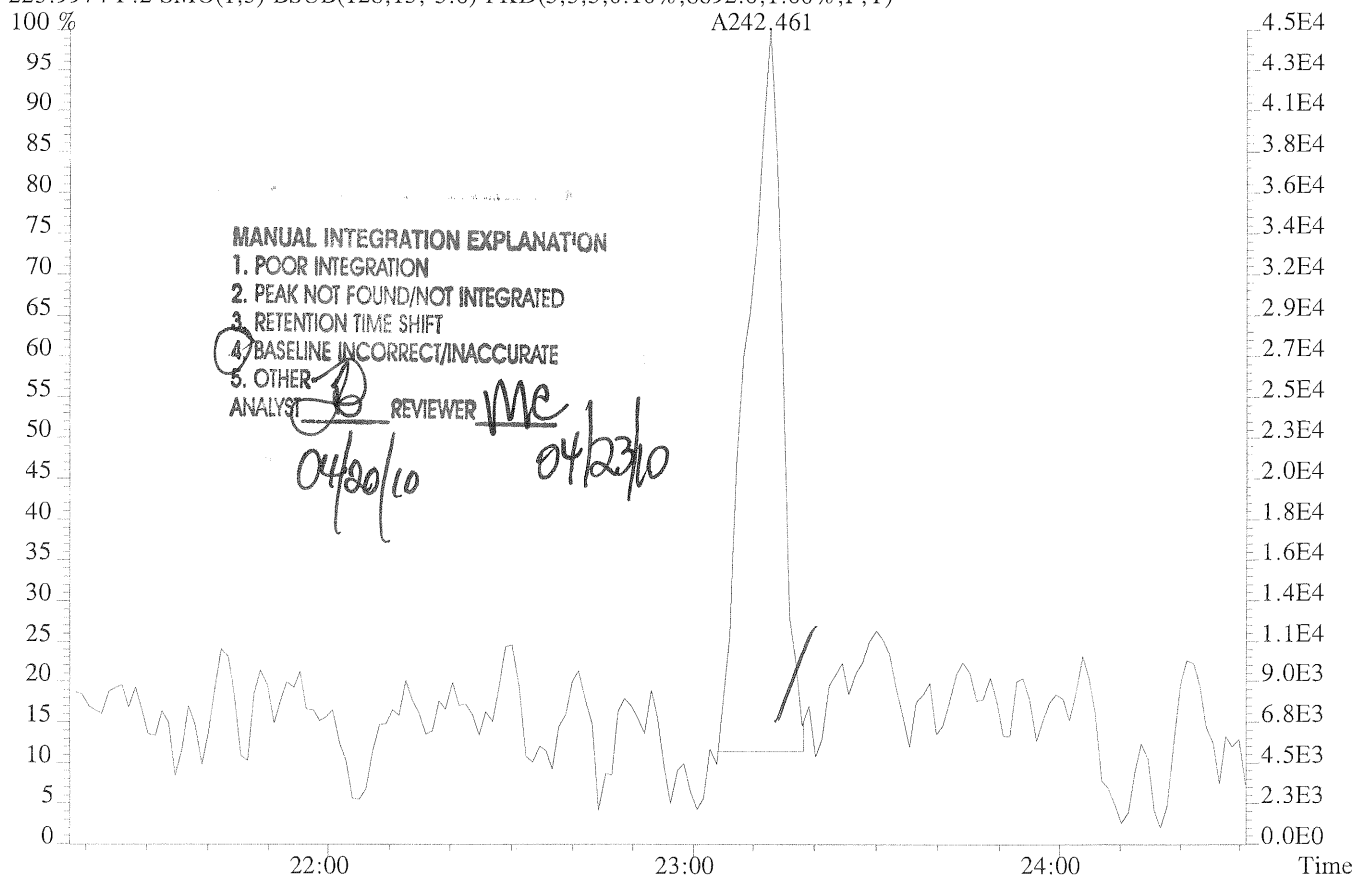


File:U221016 #1-342 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS1

222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1760.0,1.00%,F,T)



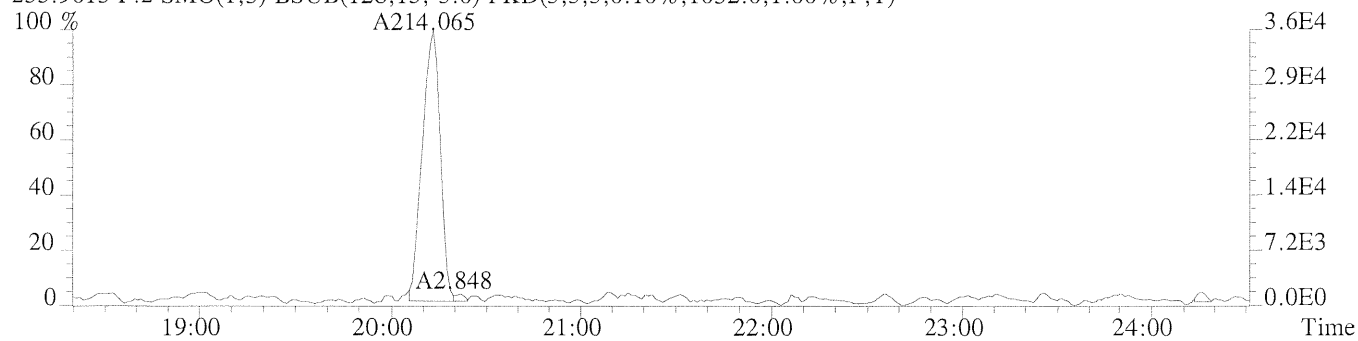
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8892.0,1.00%,F,T)



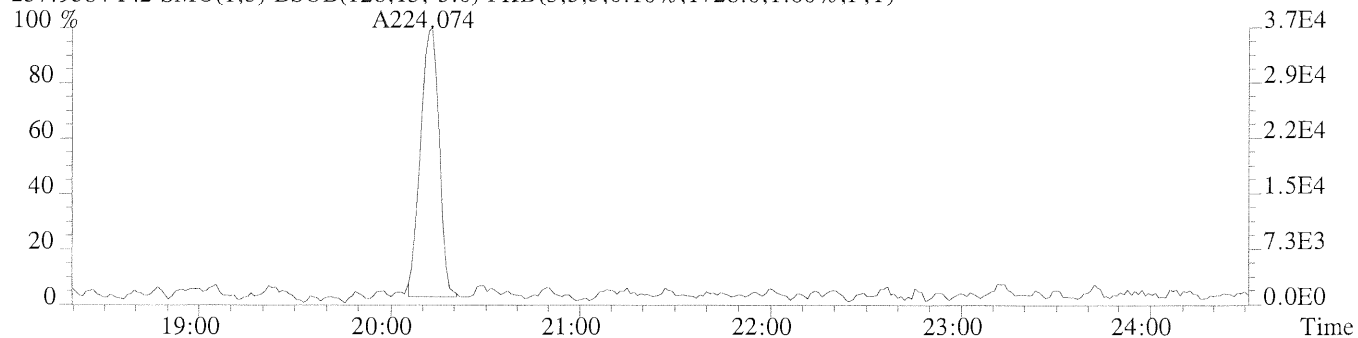
File:U221016 #1-342 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS1

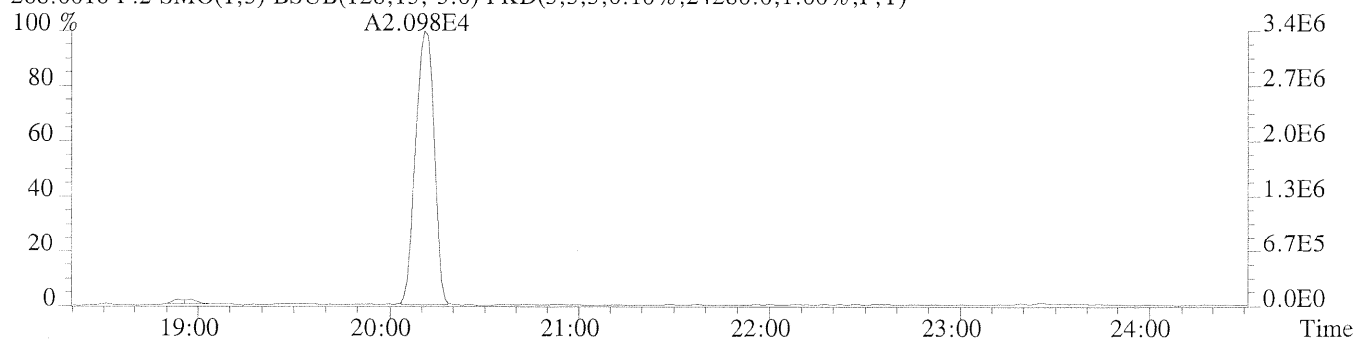
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1052.0,1.00%,F,T)



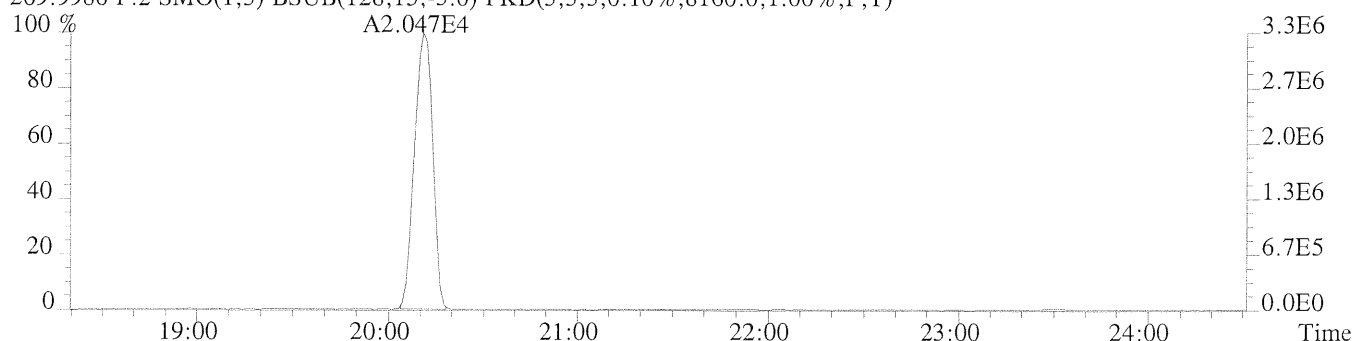
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1728.0,1.00%,F,T)



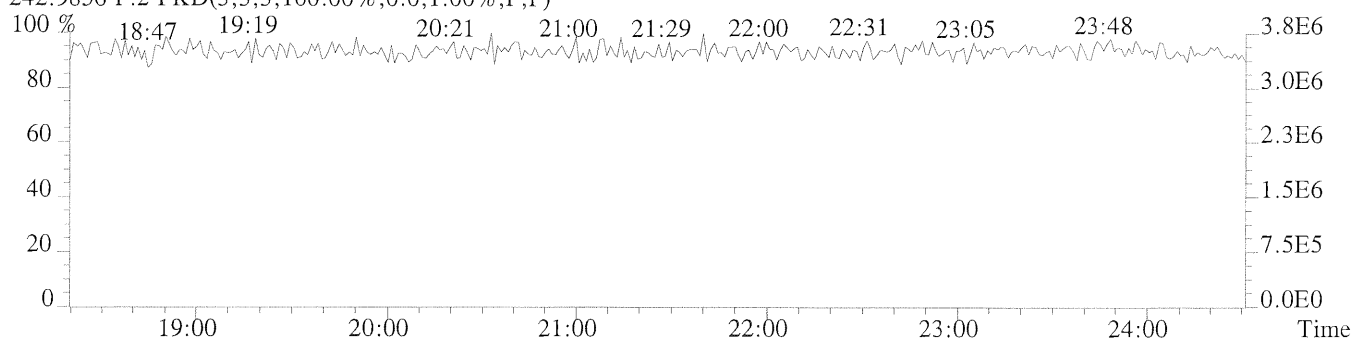
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,24280.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8160.0,1.00%,F,T)



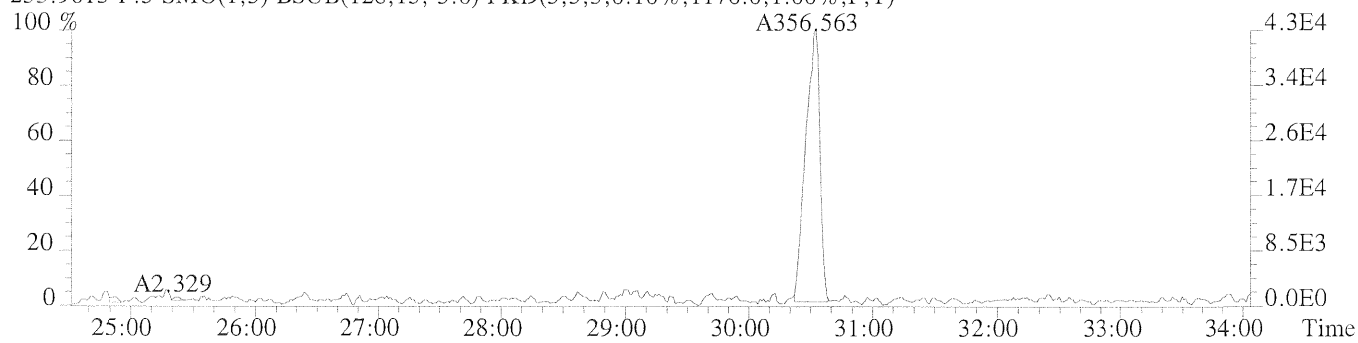
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



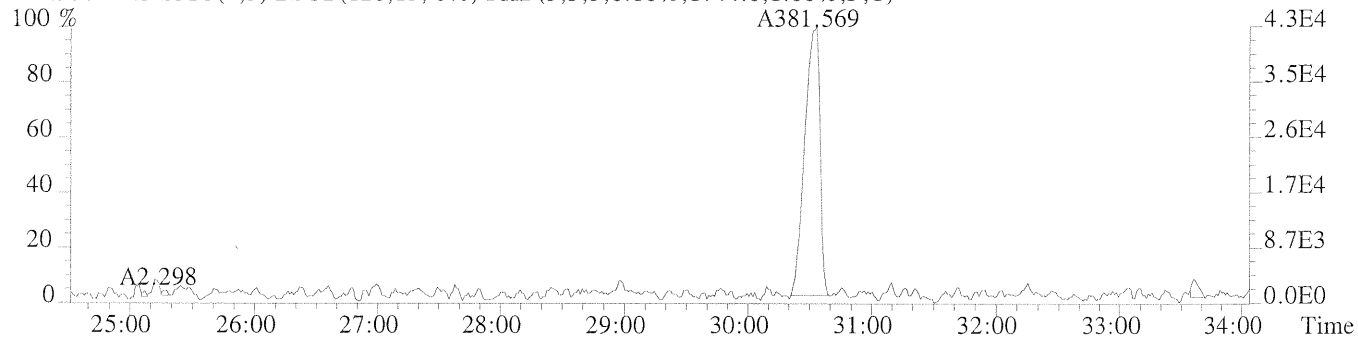
File:U221016 #1-610 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS1

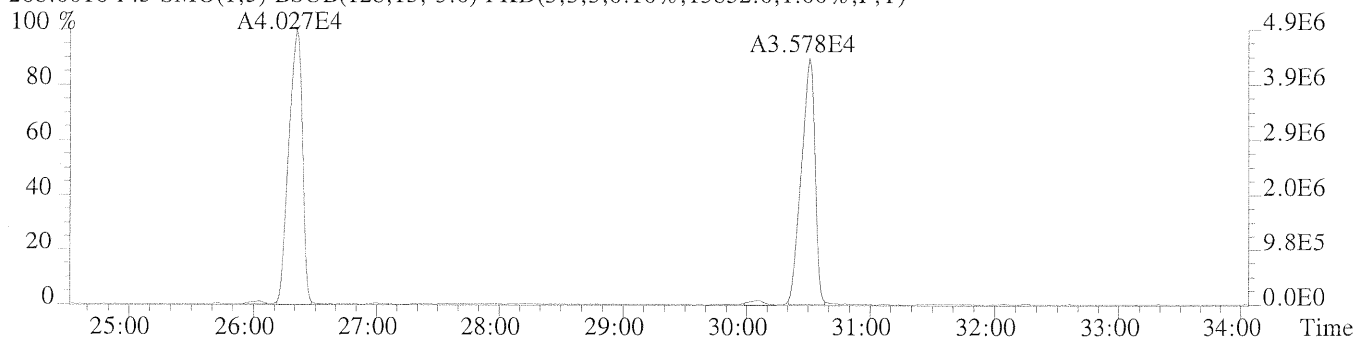
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1176.0,1.00%,F,T)



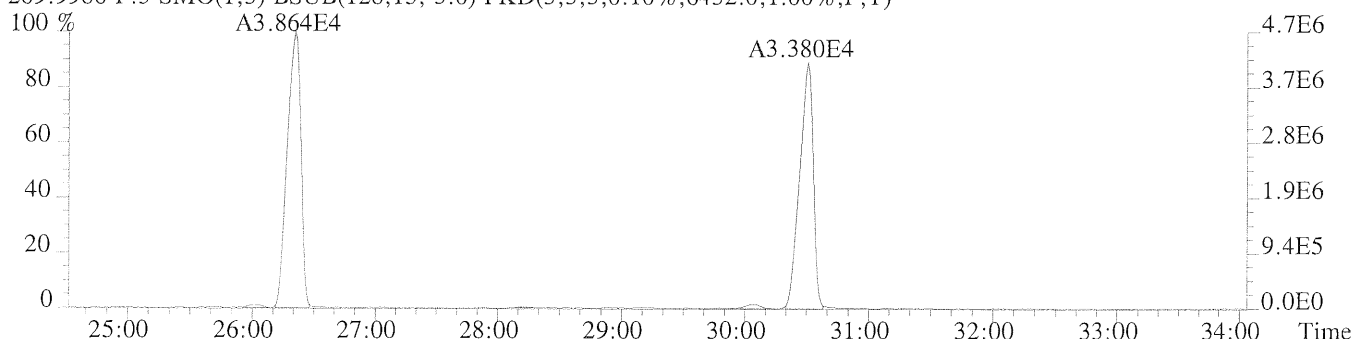
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1744.0,1.00%,F,T)



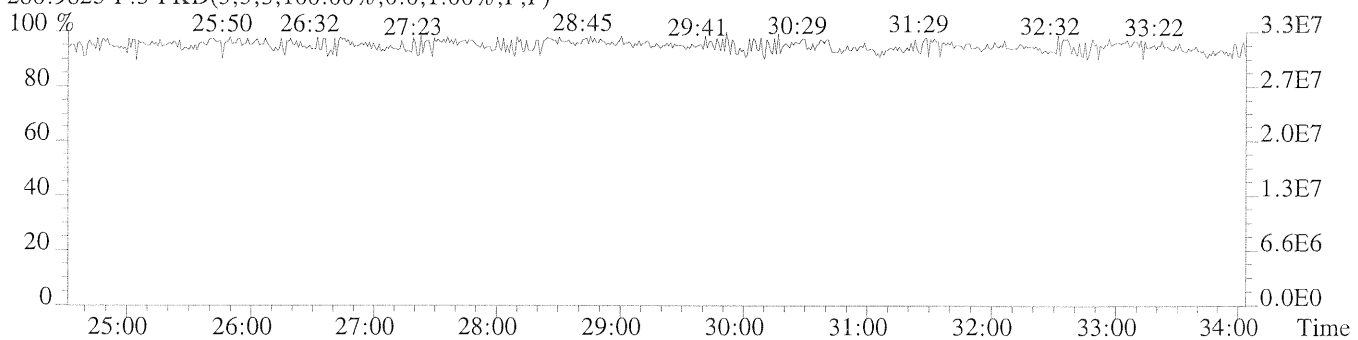
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13852.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6432.0,1.00%,F,T)



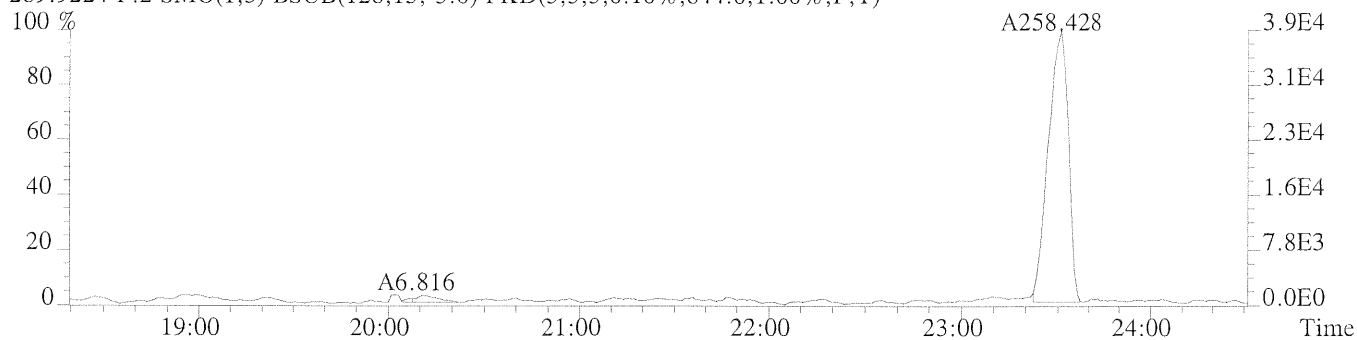
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



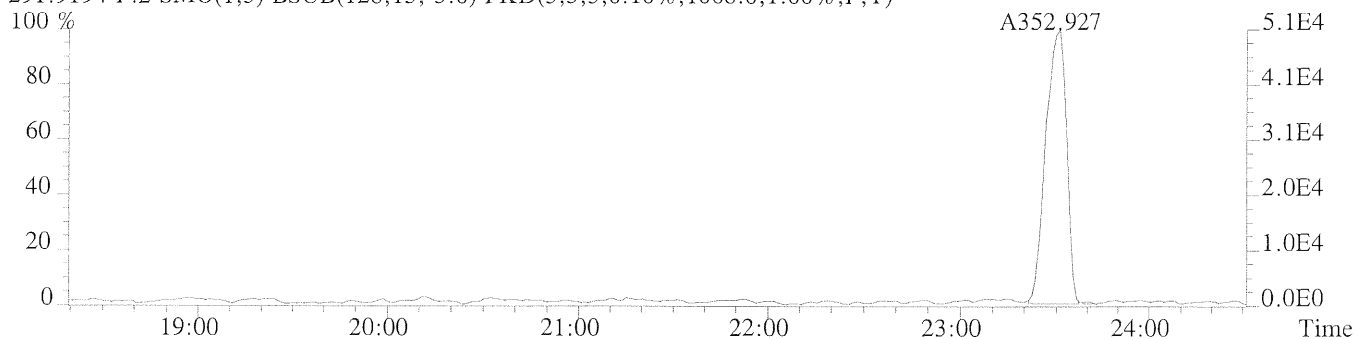
File:U221016 #1-342 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectr

Sample#1 Exp:ICAL CS1

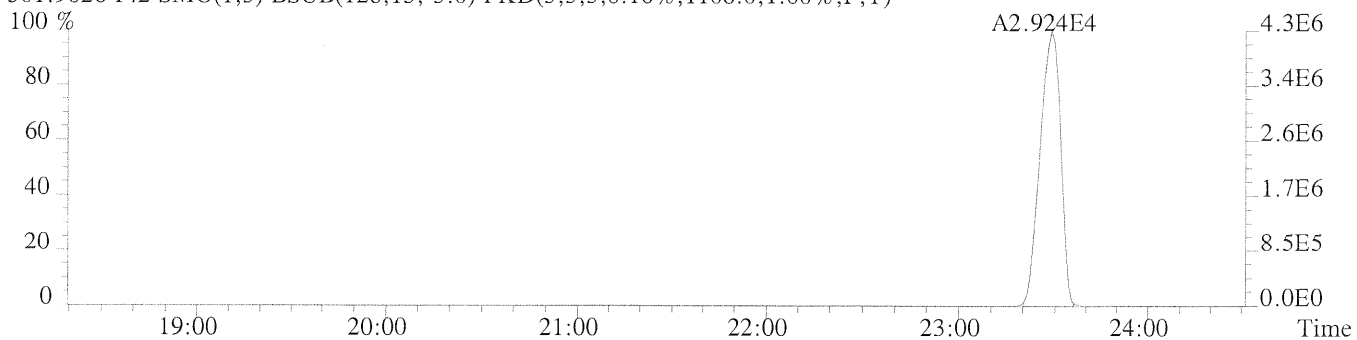
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,844.0,1.00%,F,T)



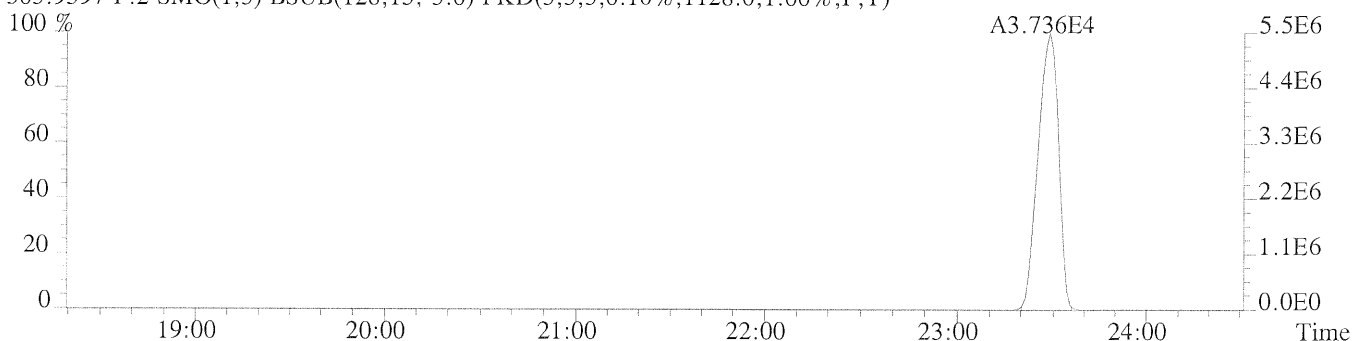
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1068.0,1.00%,F,T)



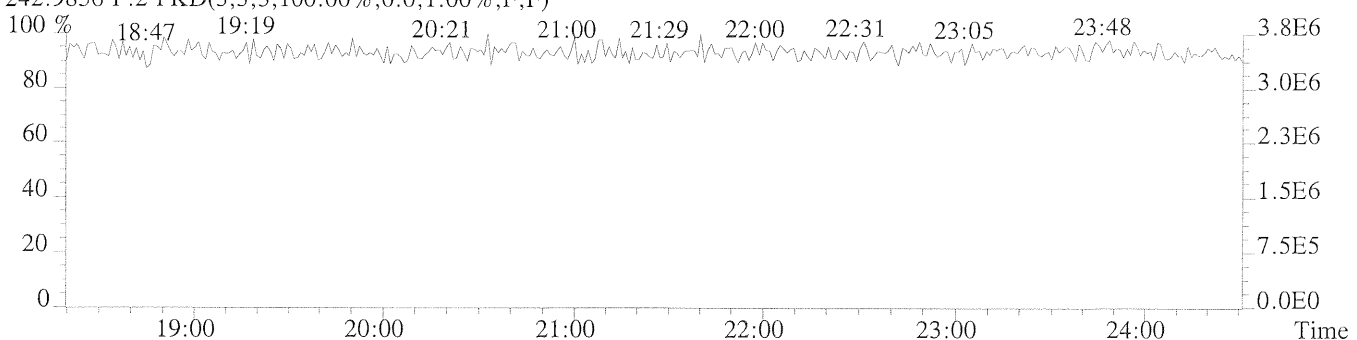
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1108.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1128.0,1.00%,F,T)



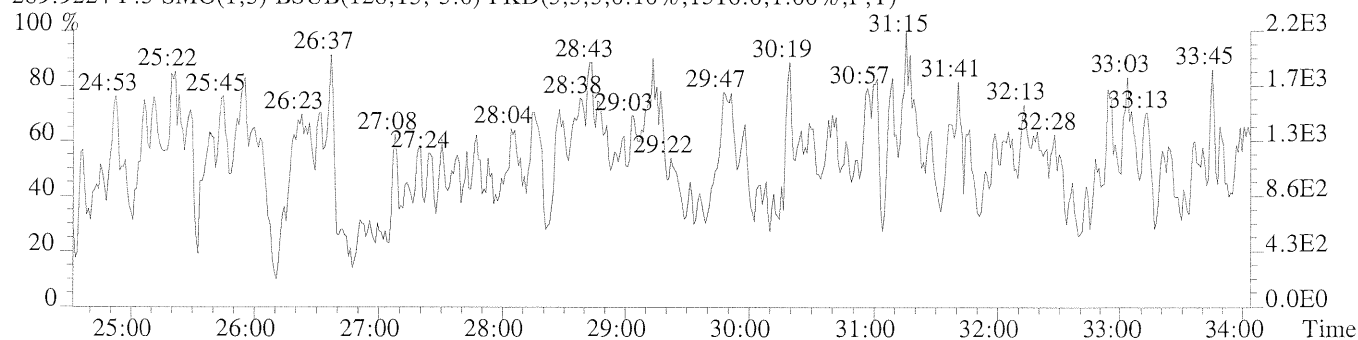
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



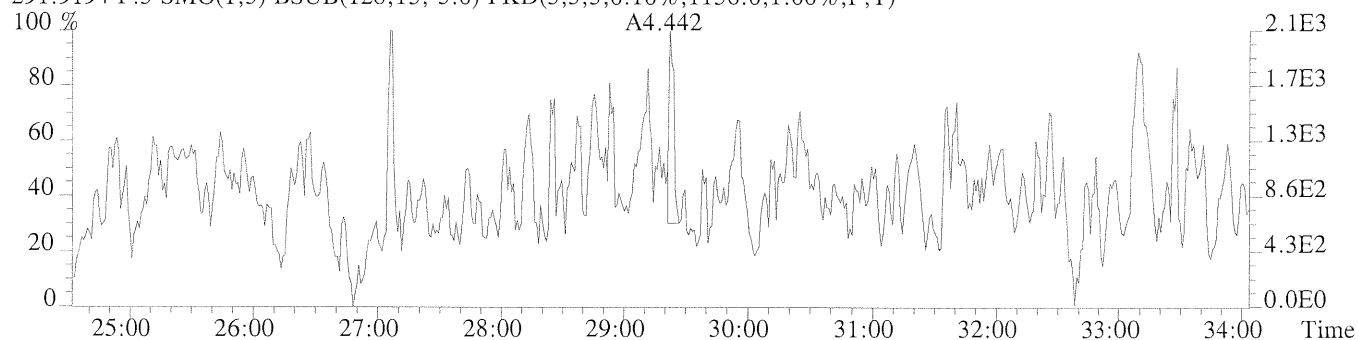
File:U221016 #1-610 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CSI

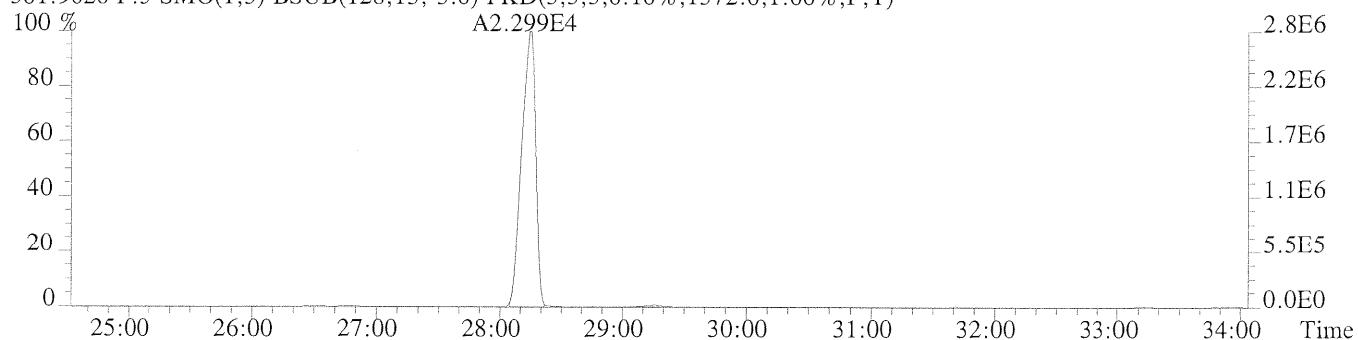
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1516.0,1.00%,F,T)



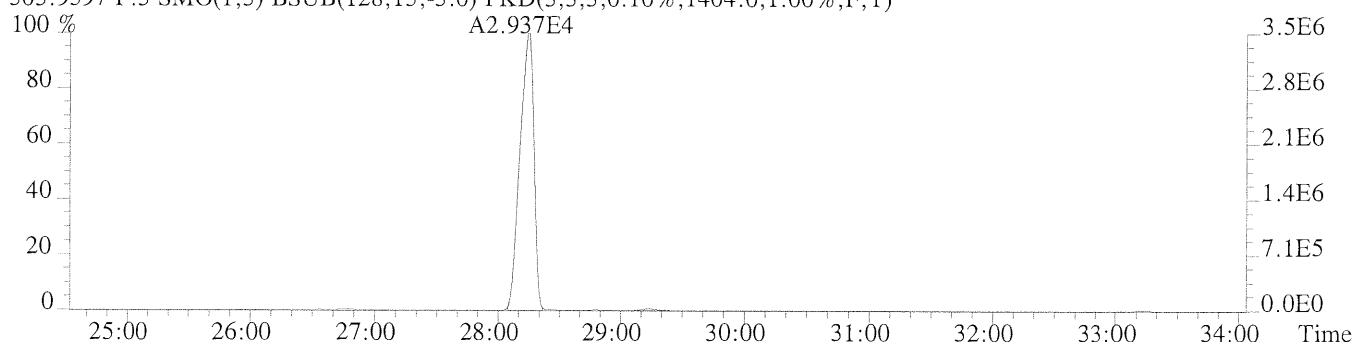
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1156.0,1.00%,F,T)



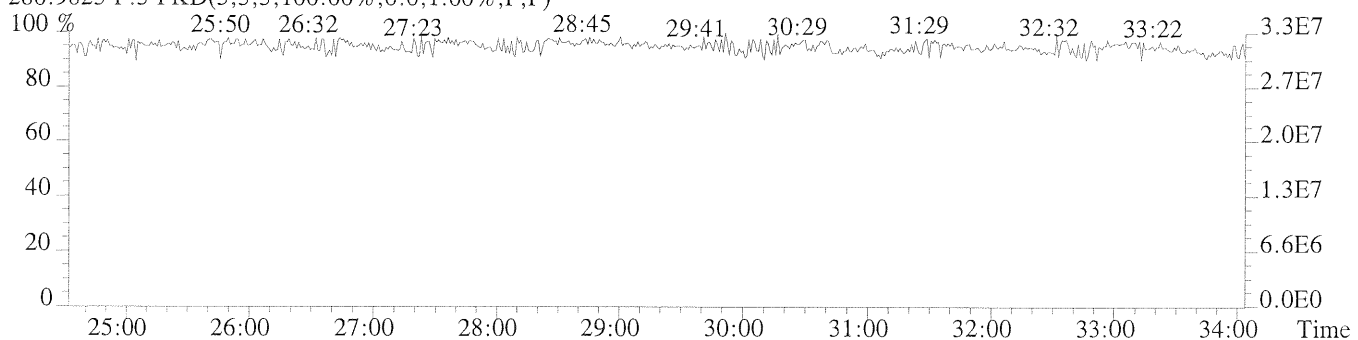
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1372.0,1.00%,F,T)



303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1404.0,1.00%,F,T)



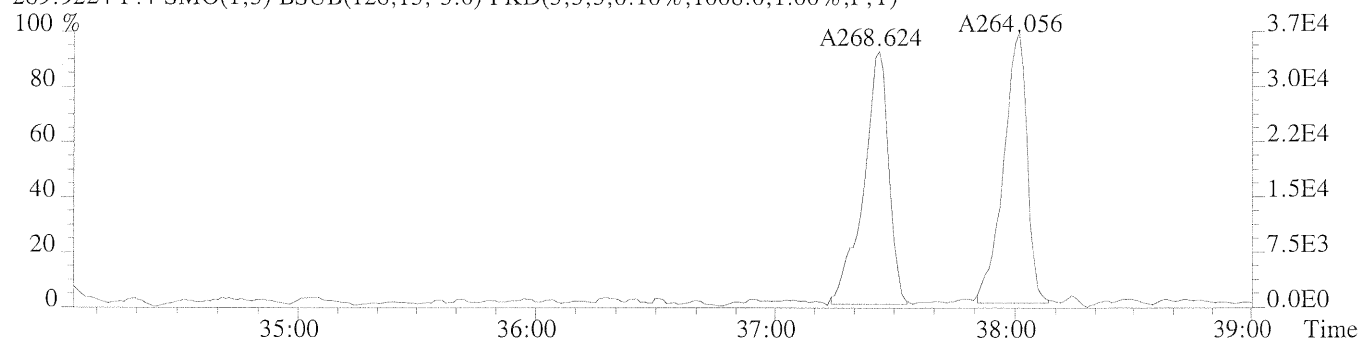
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



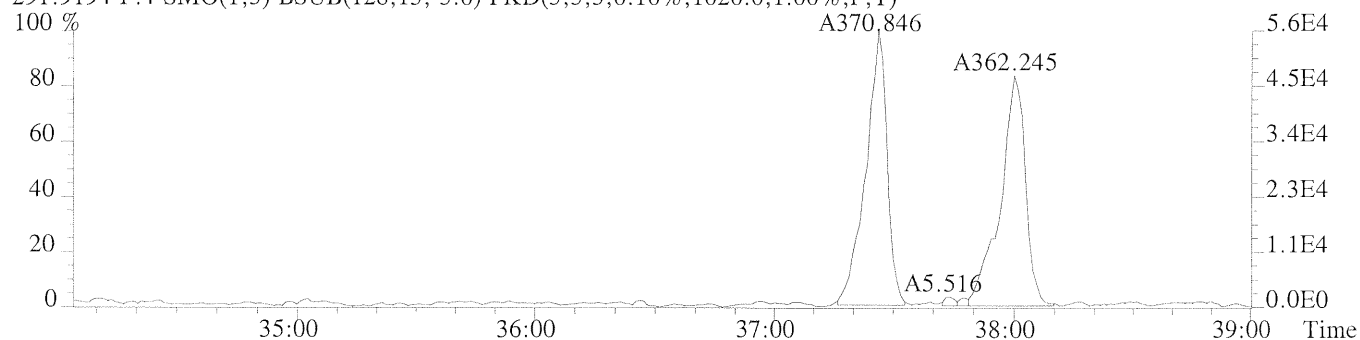
File:U221016 #1-316 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CSI

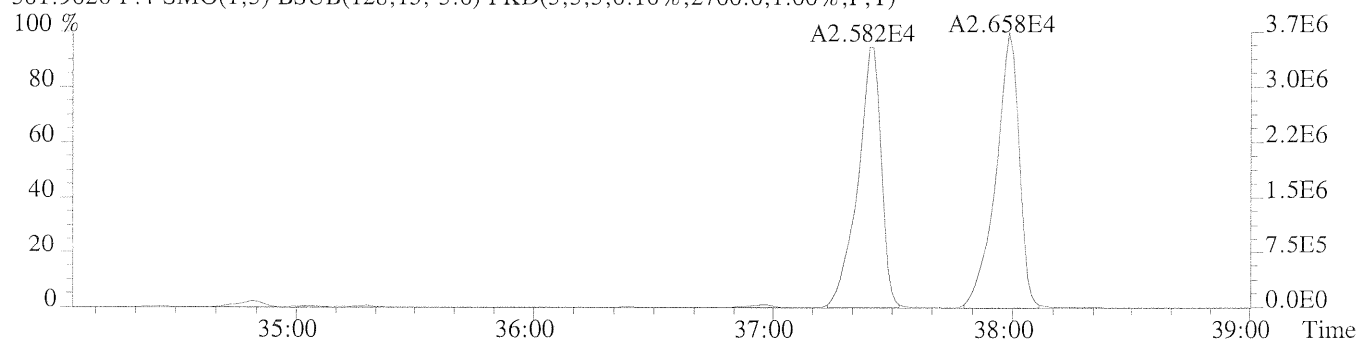
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1008.0,1.00%,F,T)



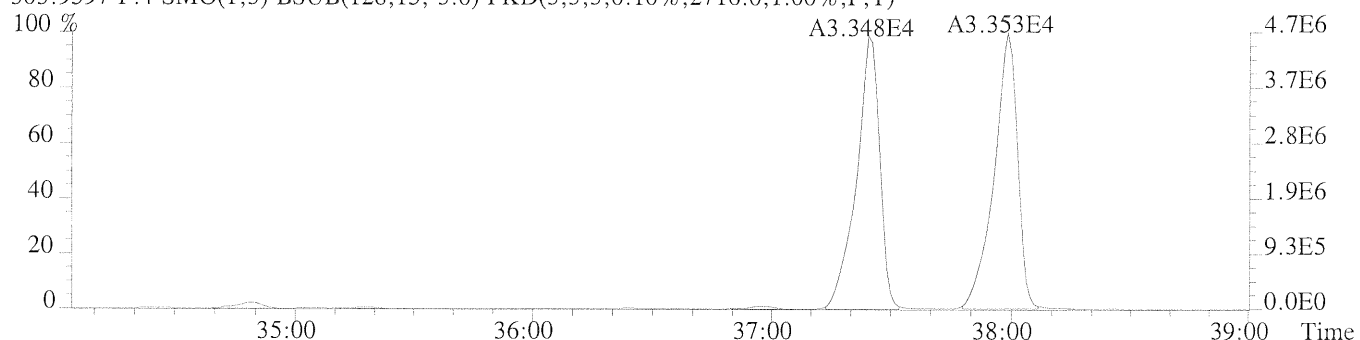
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1020.0,1.00%,F,T)



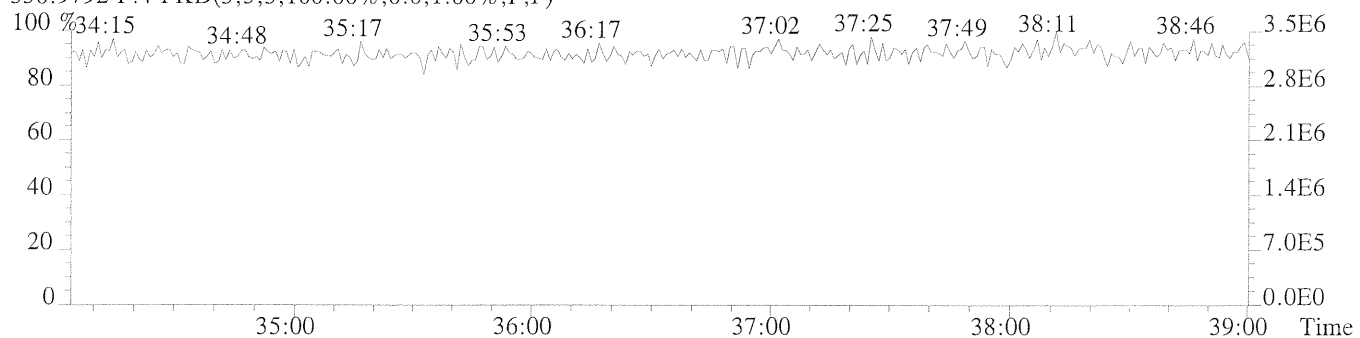
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2700.0,1.00%,F,T)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2716.0,1.00%,F,T)



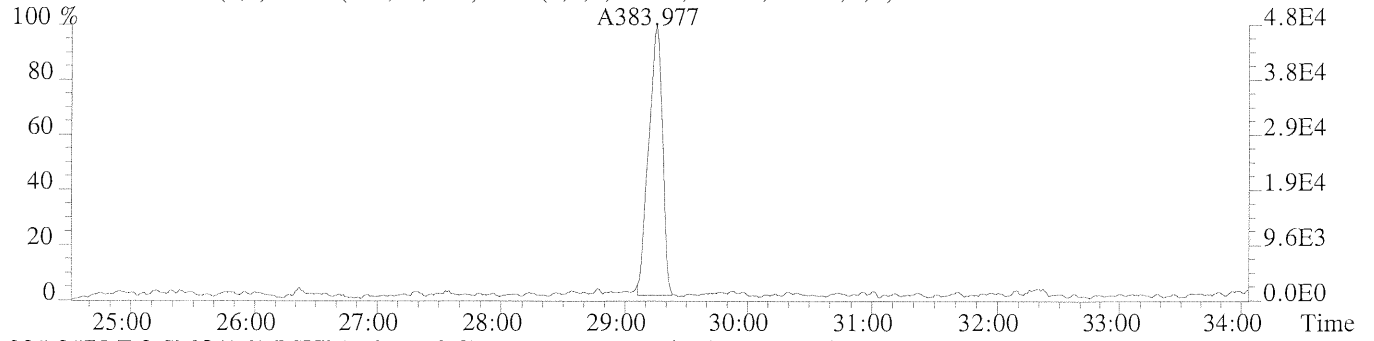
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



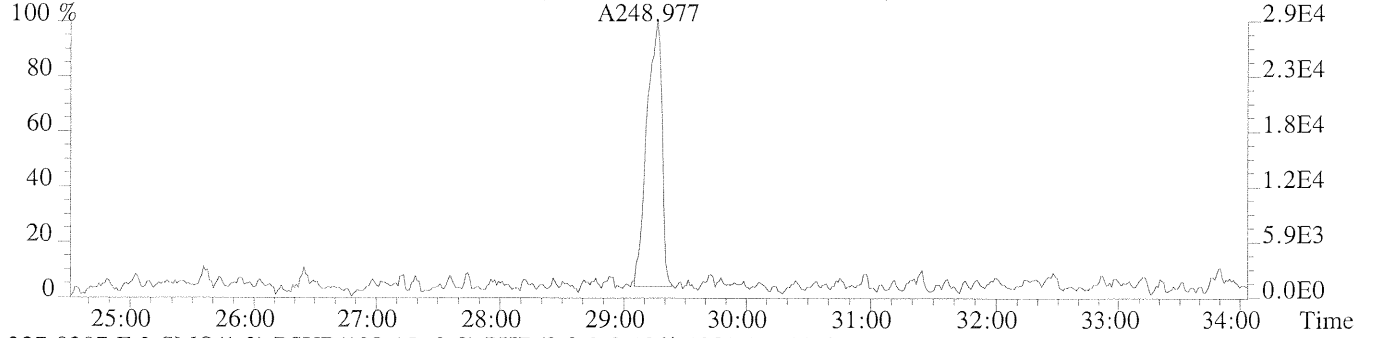
File:U221016 #1-610 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CSI

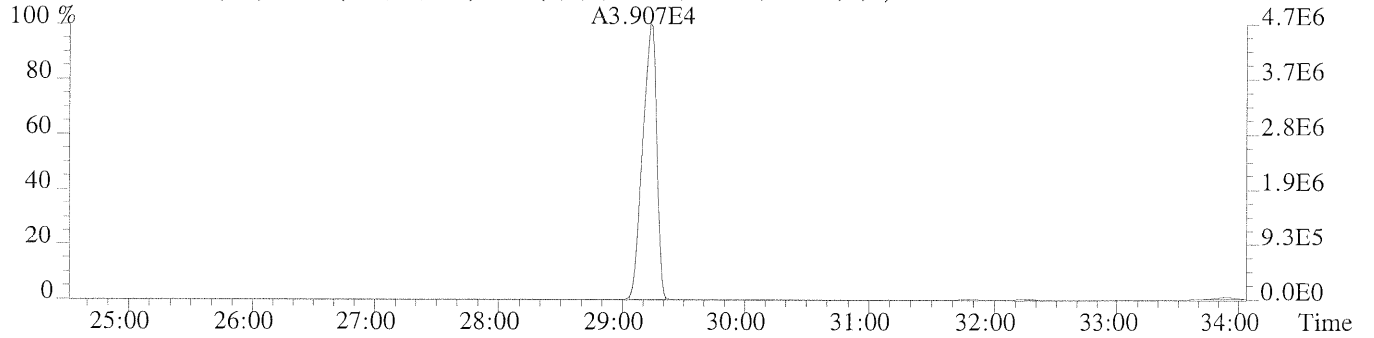
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1444.0,1.00%,F,T)



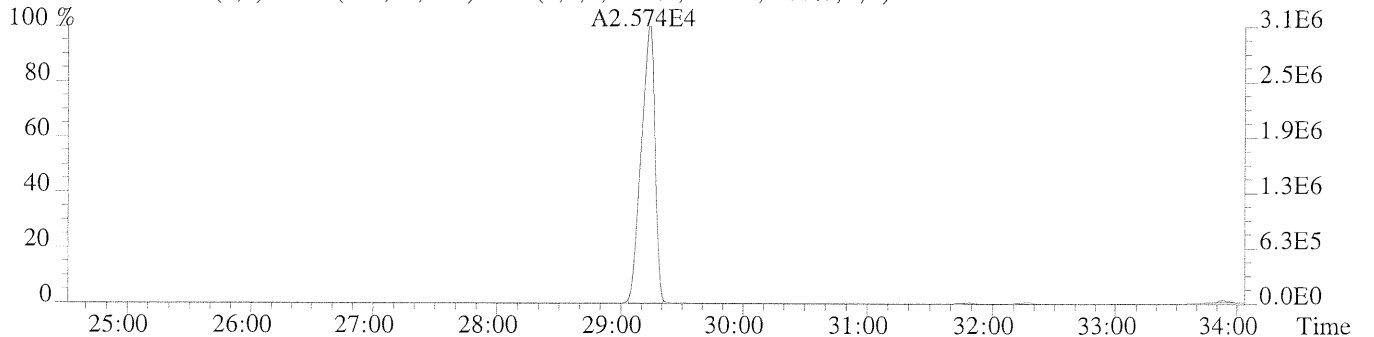
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1668.0,1.00%,F,T)



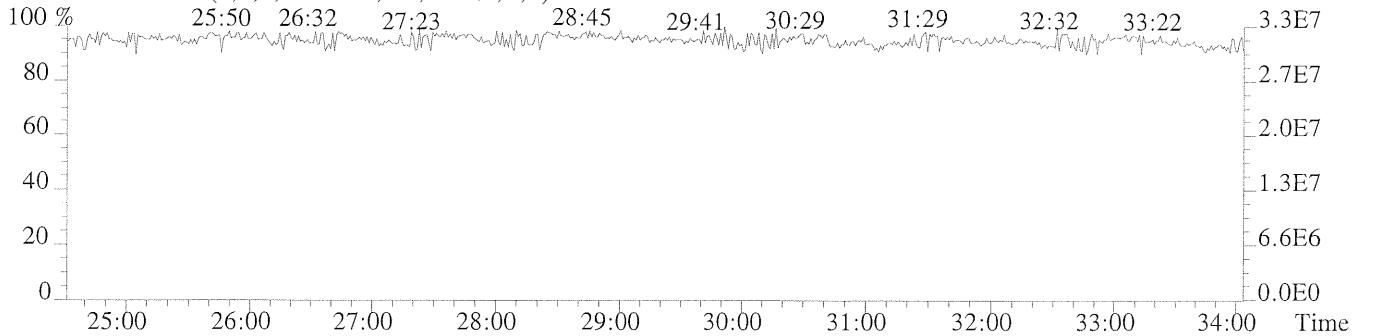
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1380.0,1.00%,F,T)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1304.0,1.00%,F,T)



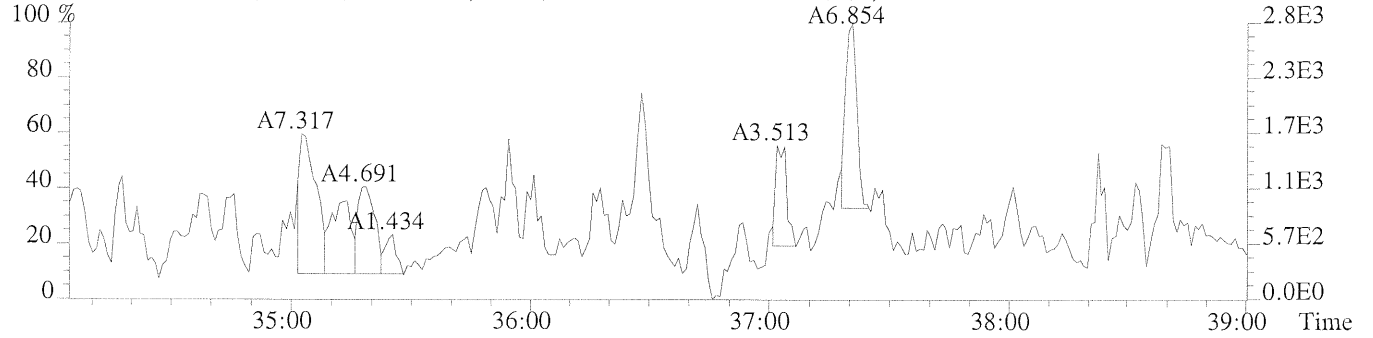
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



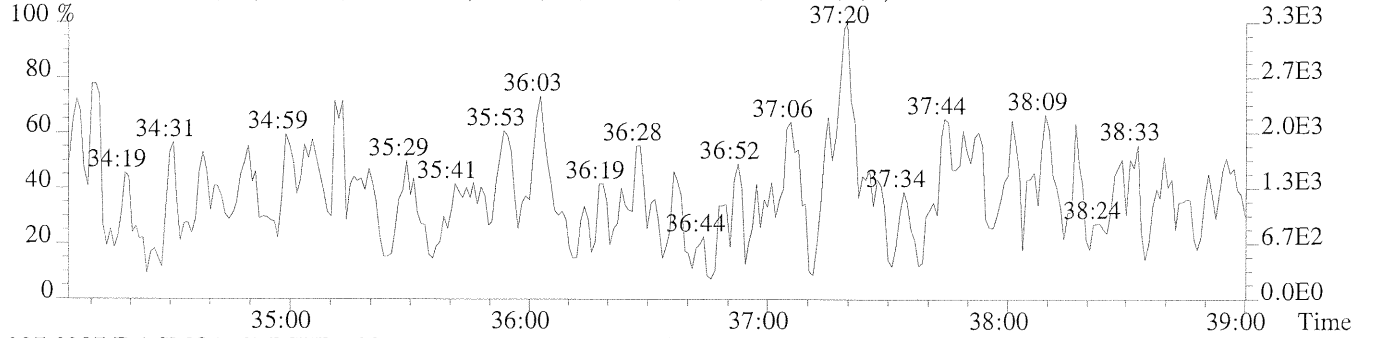
File:U221016 #1-316 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS1

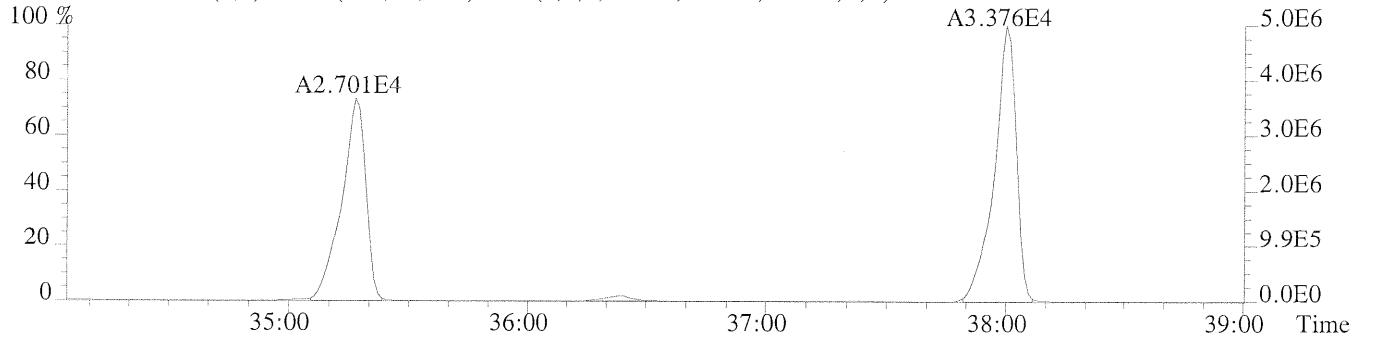
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,860.0,1.00%,F,T)



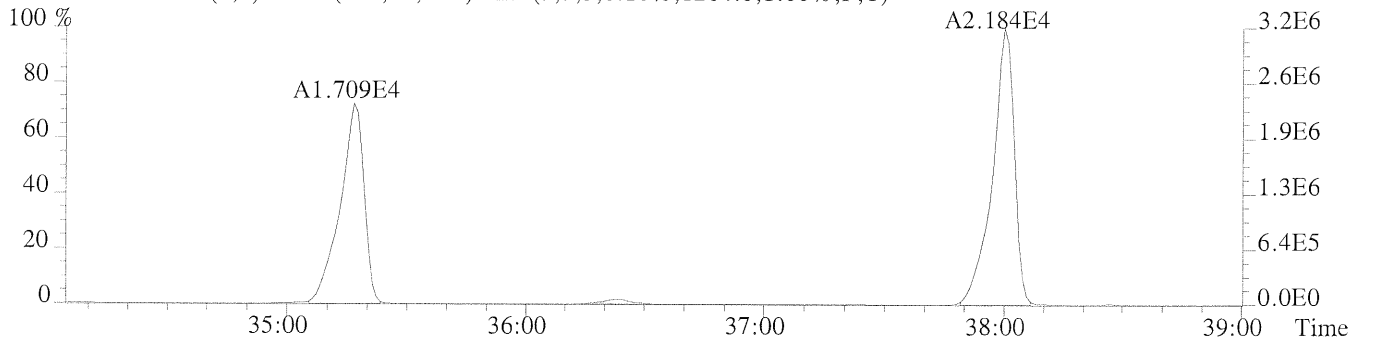
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1528.0,1.00%,F,T)



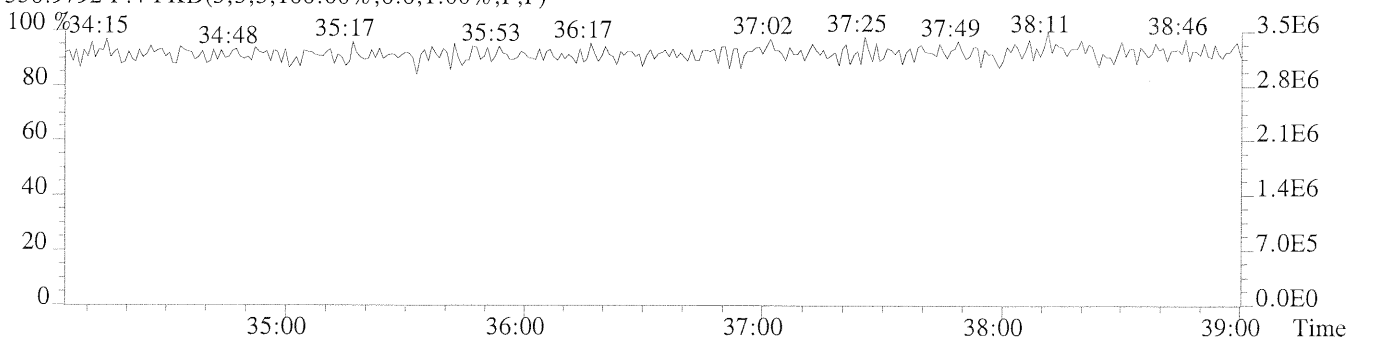
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1240.0,1.00%,F,T)



339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1264.0,1.00%,F,T)



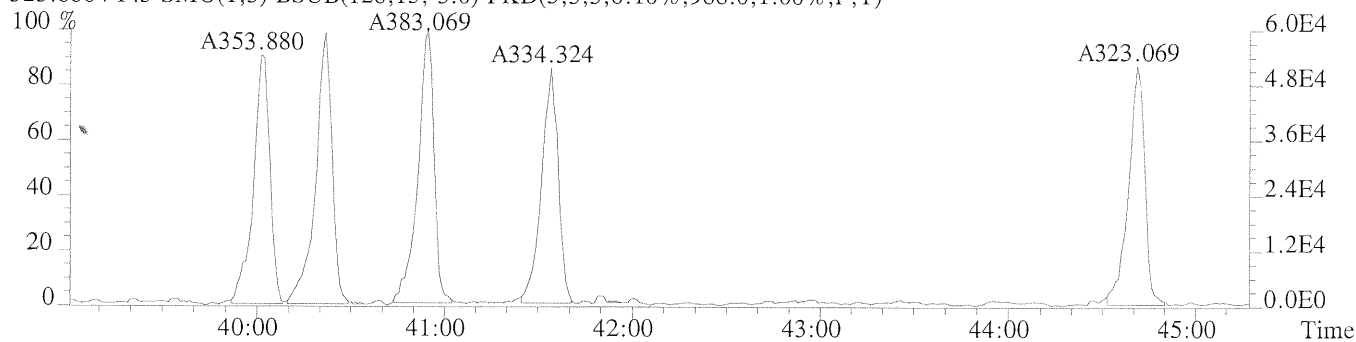
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



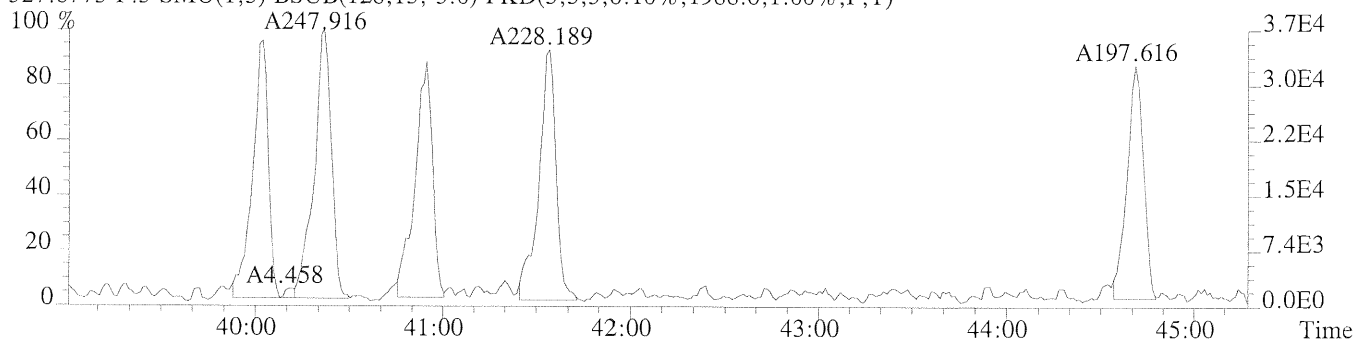
File:U221016 #1-402 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS1

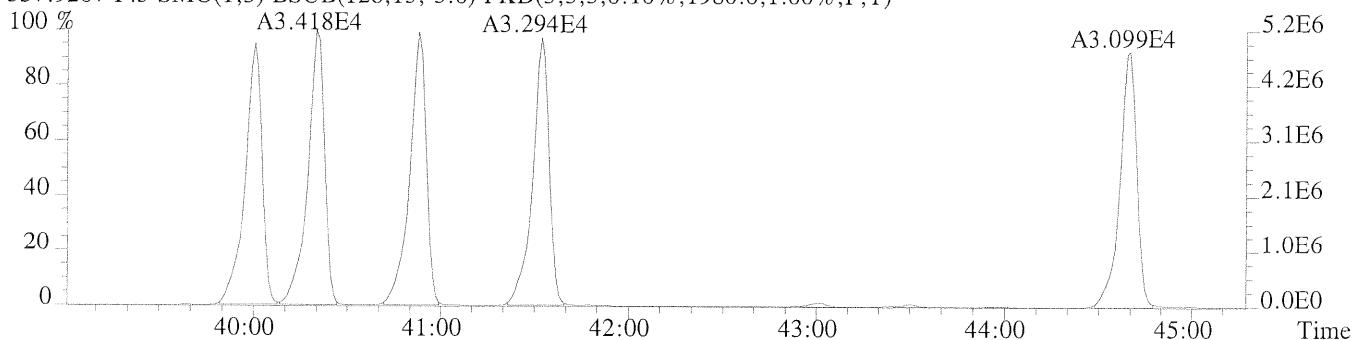
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,988.0,1.00%,F,T)



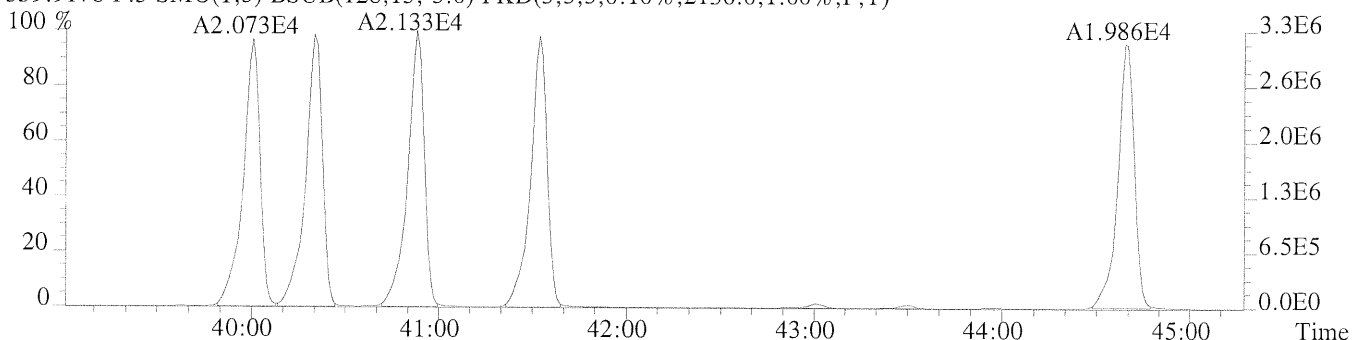
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1988.0,1.00%,F,T)



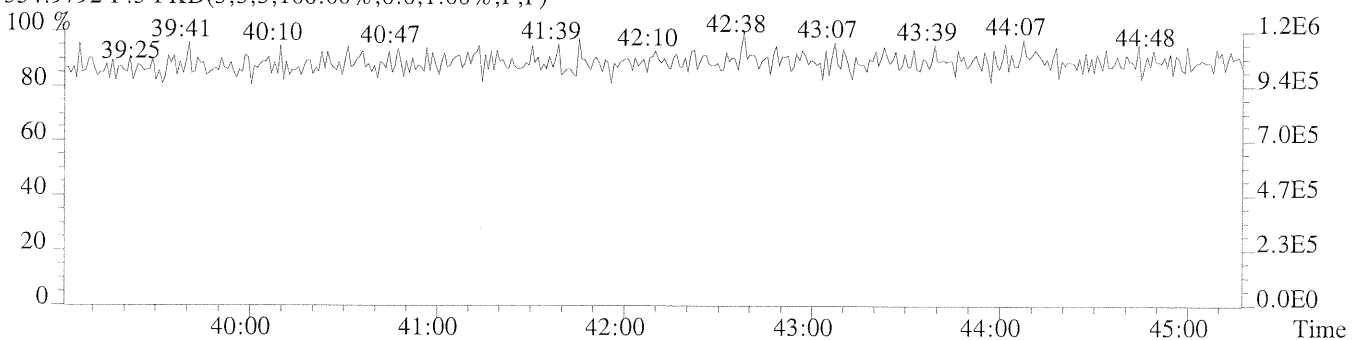
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1980.0,1.00%,F,T)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2136.0,1.00%,F,T)



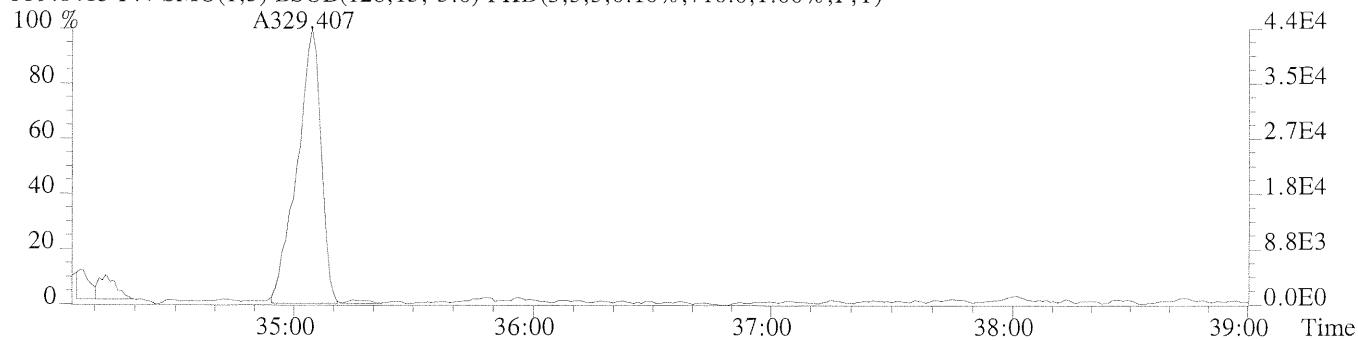
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



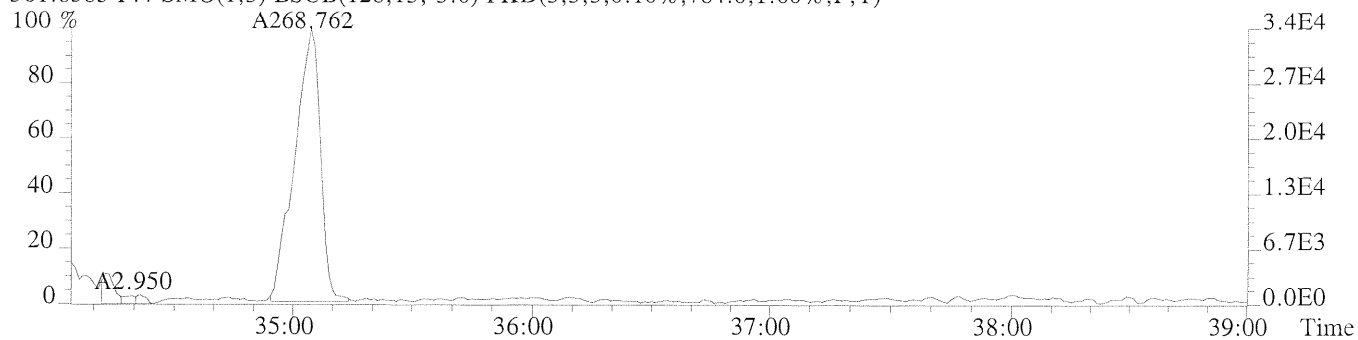
File:U221016 #1-316 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS1

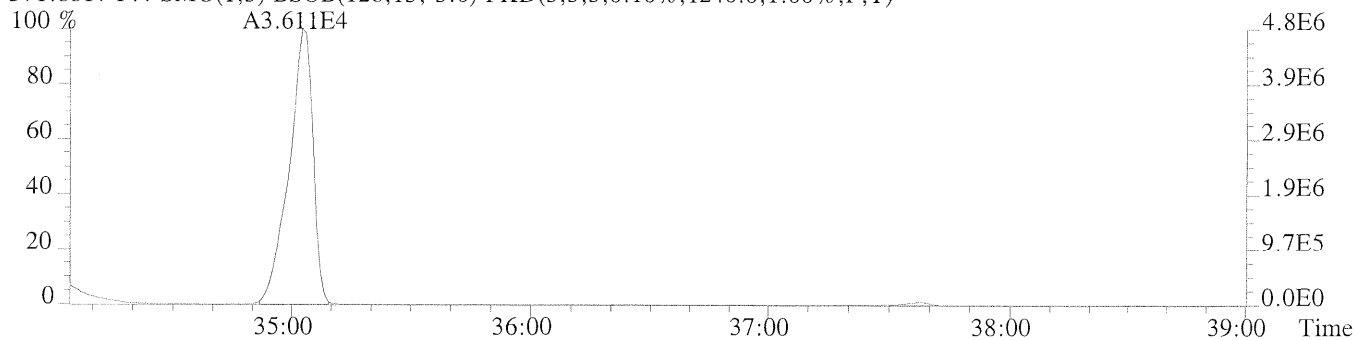
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,716.0,1.00%,F,T)



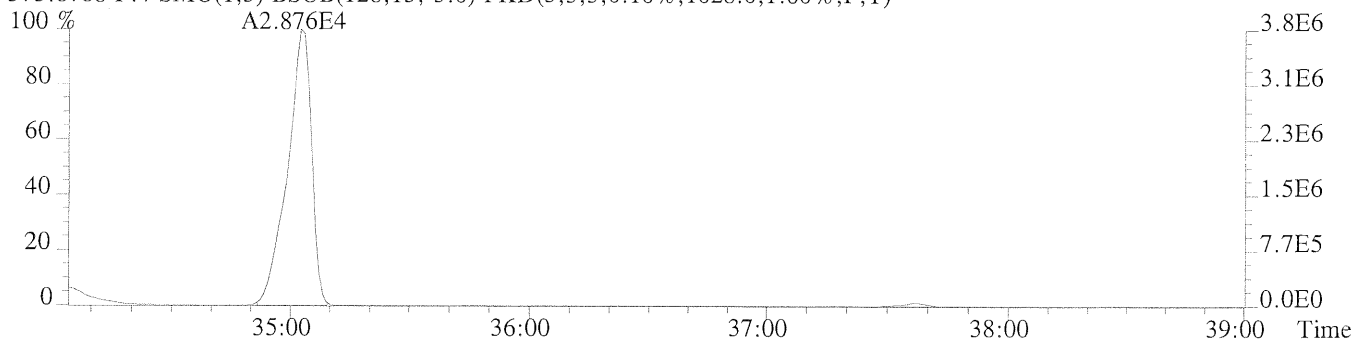
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,784.0,1.00%,F,T)



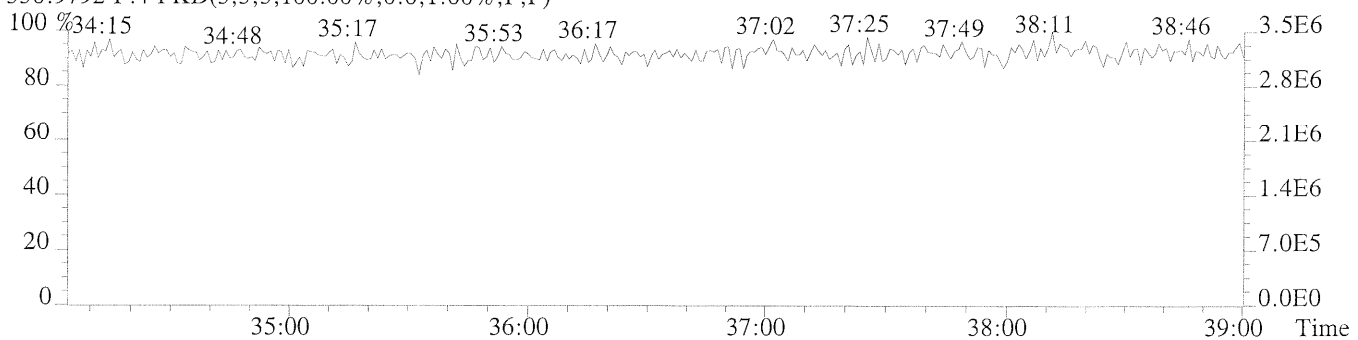
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1240.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1028.0,1.00%,F,T)



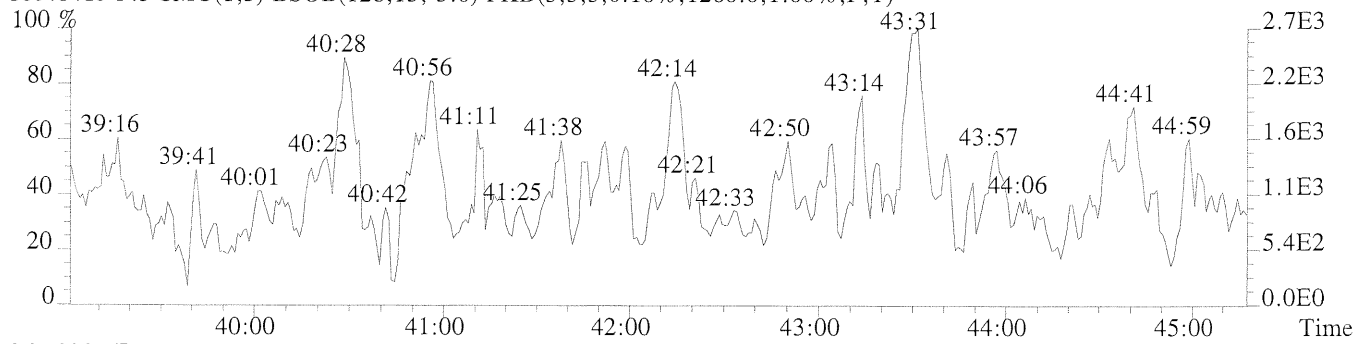
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



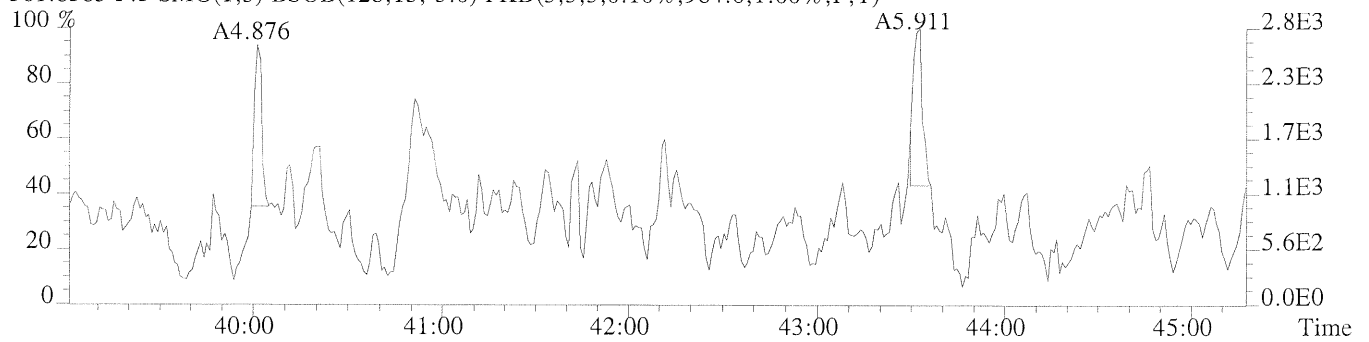
File:U221016 #1-402 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS1

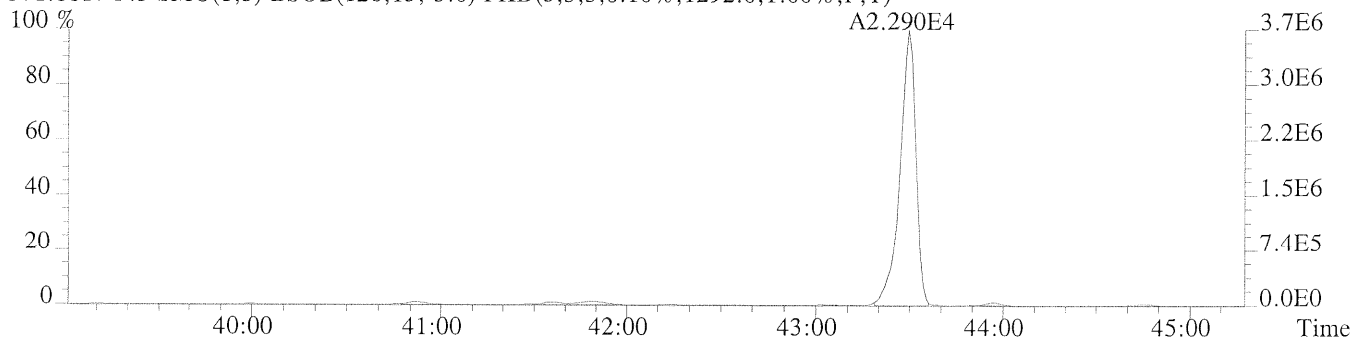
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1260.0,1.00%,F,T)



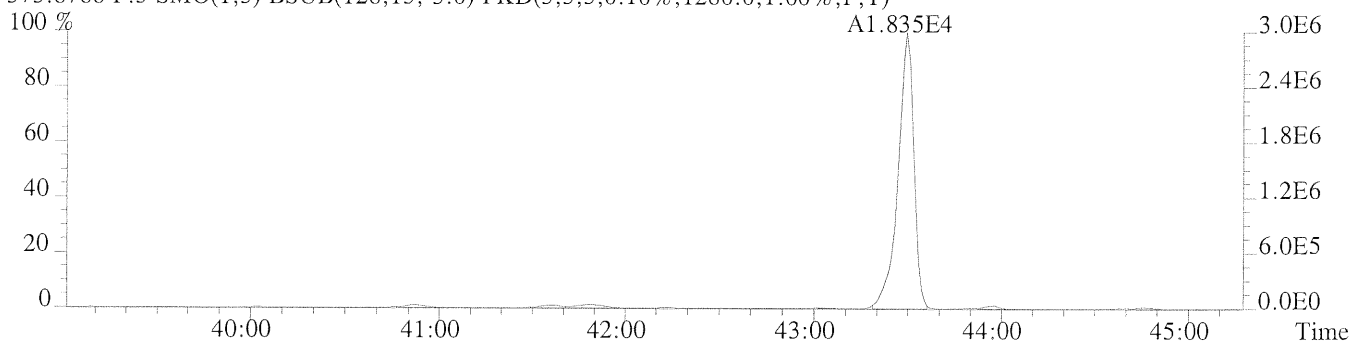
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,984.0,1.00%,F,T)



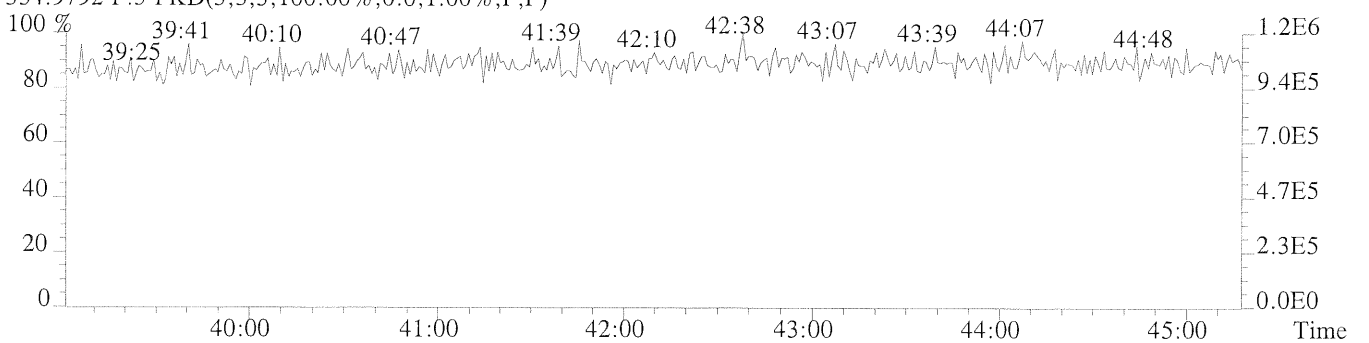
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1292.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,T)



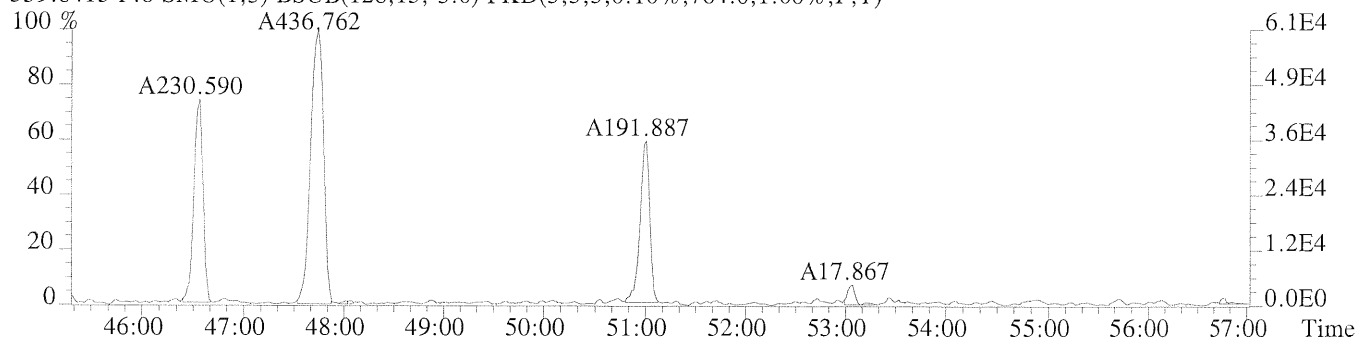
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



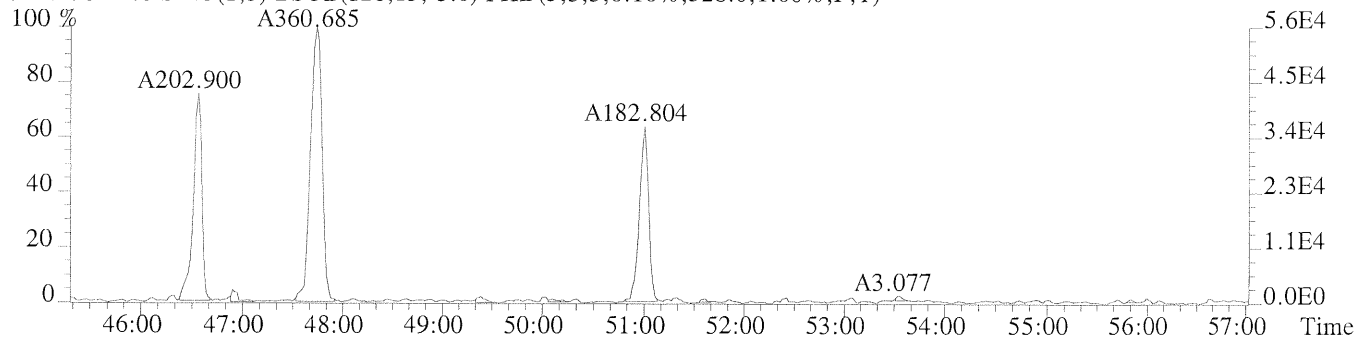
File:U221016 #1-581 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS1

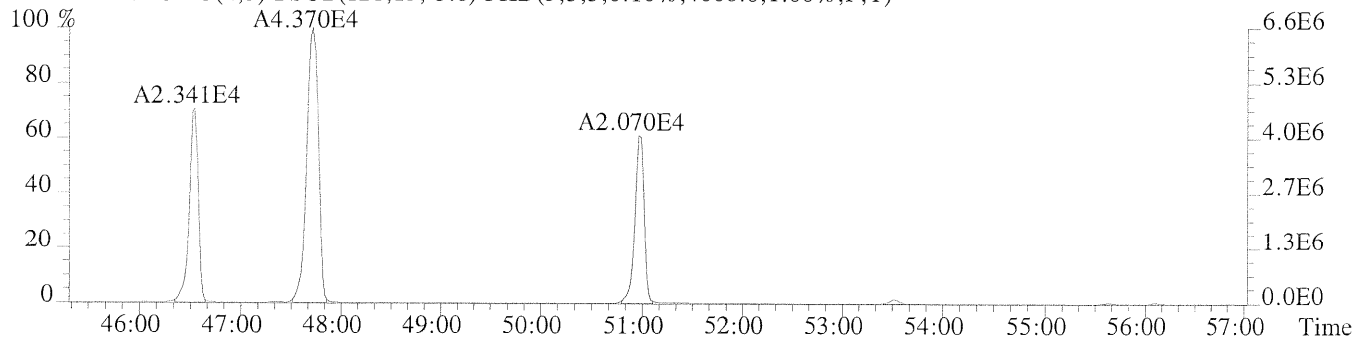
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,764.0,1.00%,F,T)



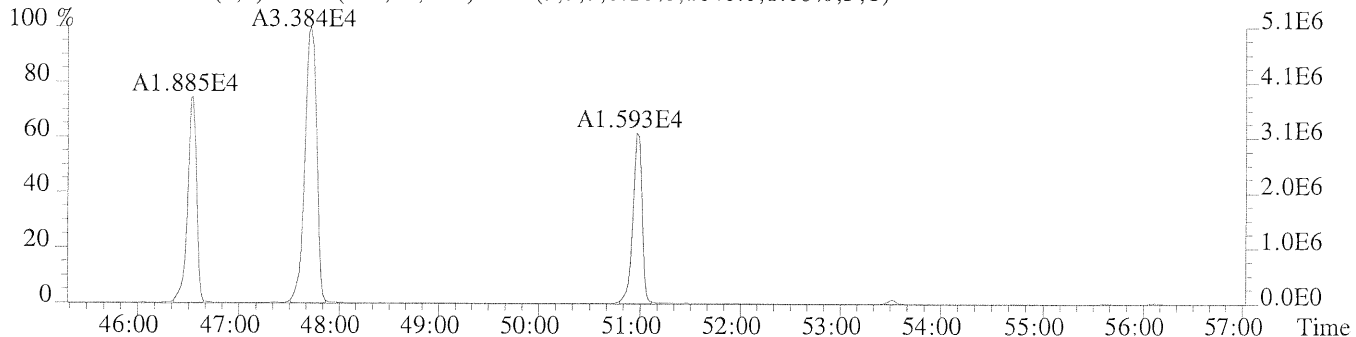
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,528.0,1.00%,F,T)



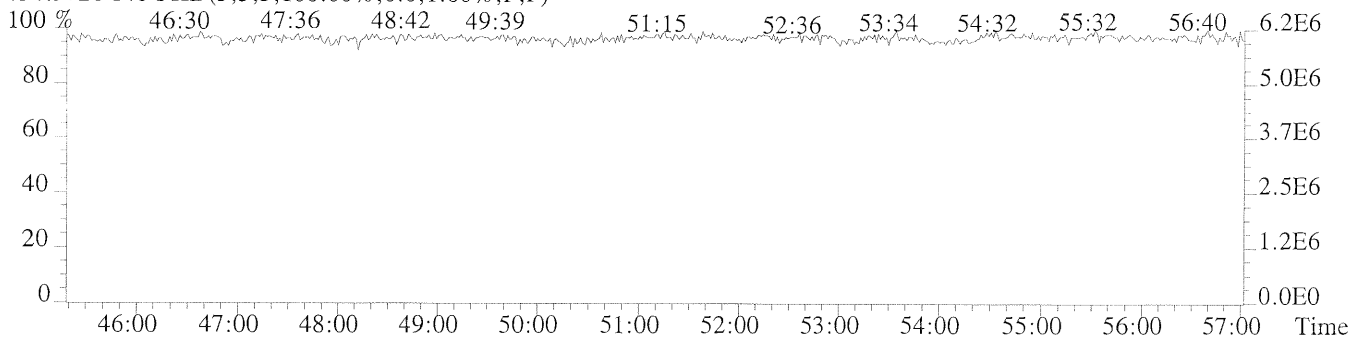
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4600.0,1.00%,F,T)



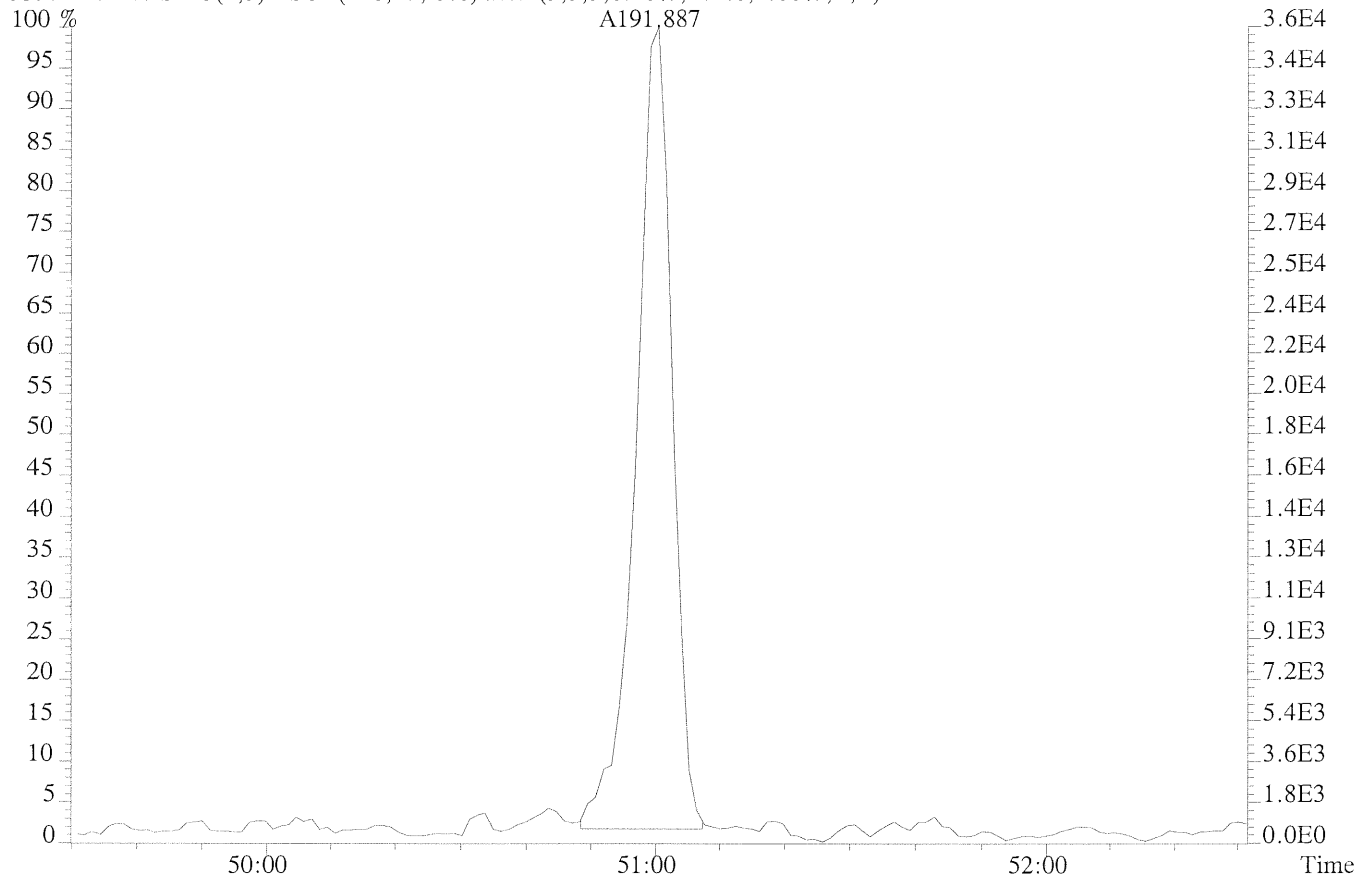
373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1640.0,1.00%,F,T)



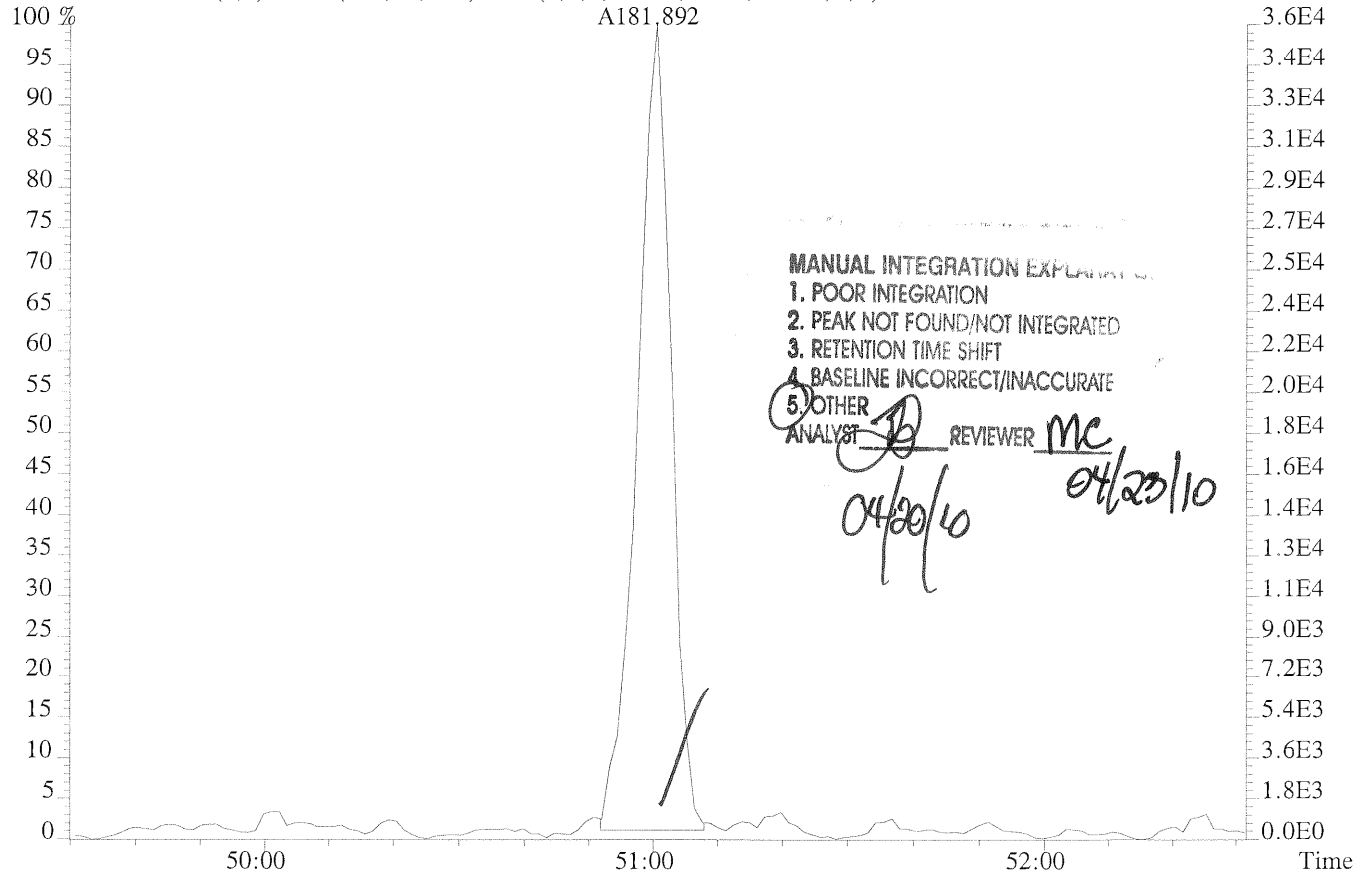
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



File:U221016 #1-581 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS1
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,764.0,1.00%,F,T)



361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,528.0,1.00%,F,T)



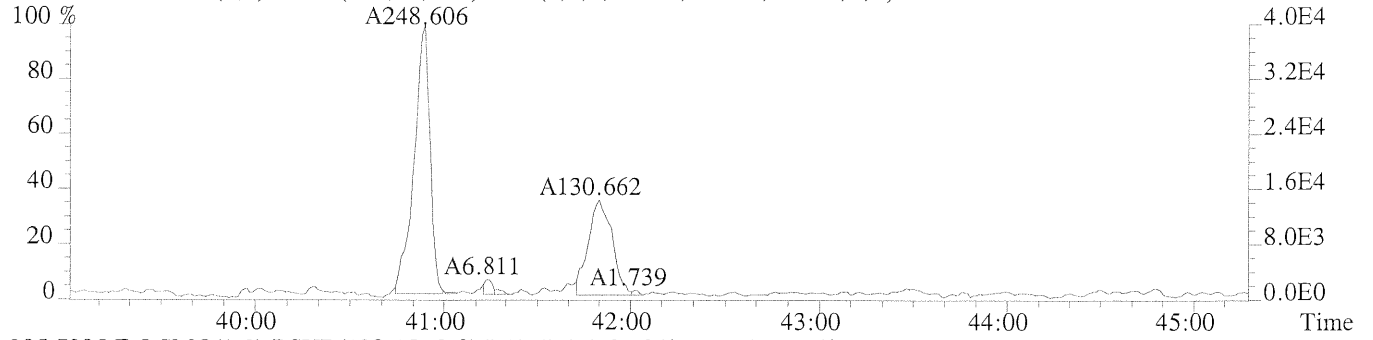
MANUAL INTEGRATION EXPLANATION

- 1. POOR INTEGRATION
- 2. PEAK NOT FOUND/NOT INTEGRATED
- 3. RETENTION TIME SHIFT
- 4. BASELINE INCORRECT/INACCURATE
- 5. OTHER

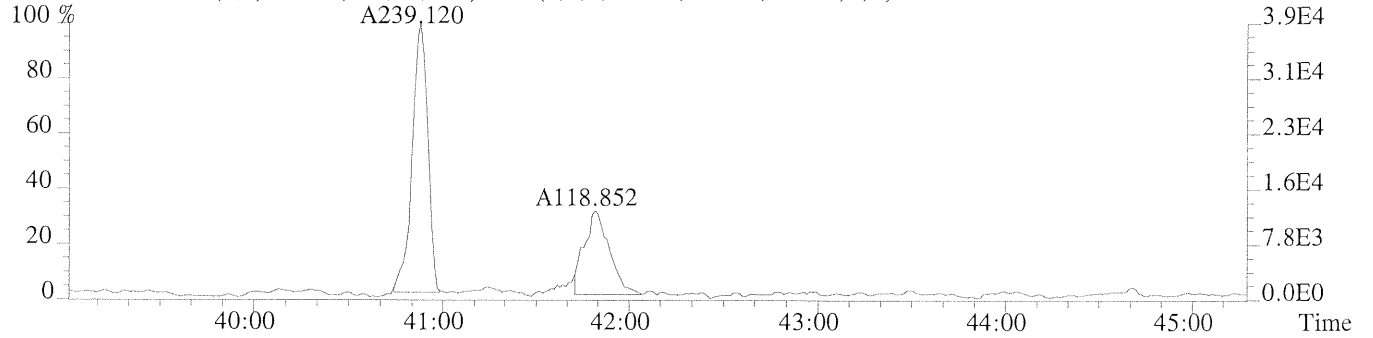
ANALYST DB REVIEWER MC
04/20/10 04/23/10

File:U221016 #1-402 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS1

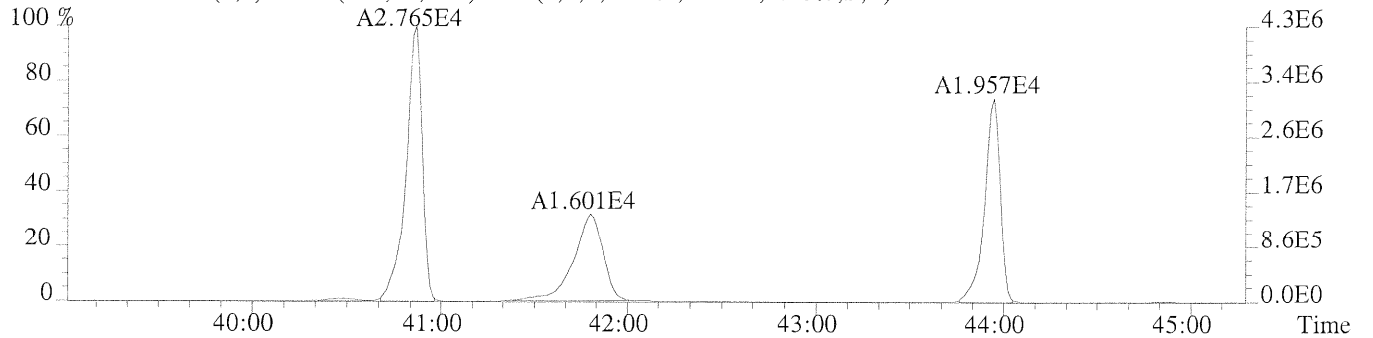
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1188.0,1.00%,F,T)



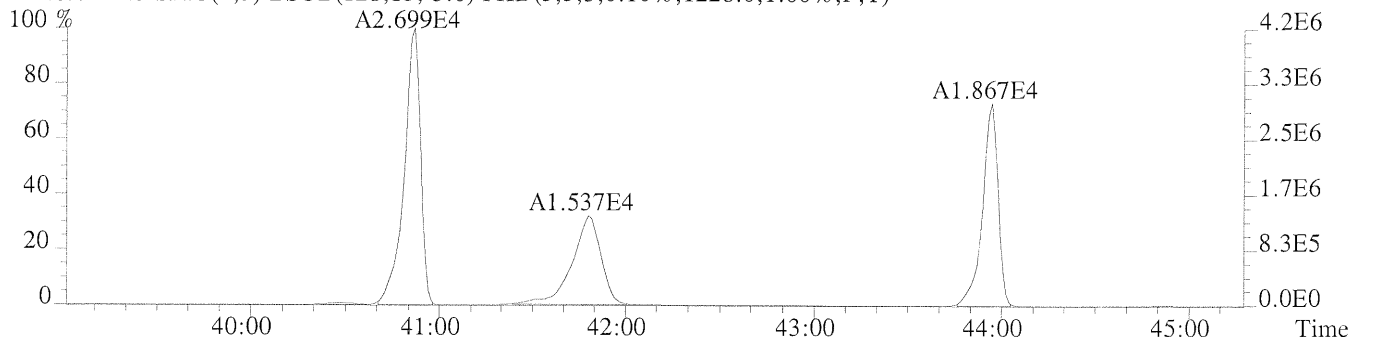
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1112.0,1.00%,F,T)



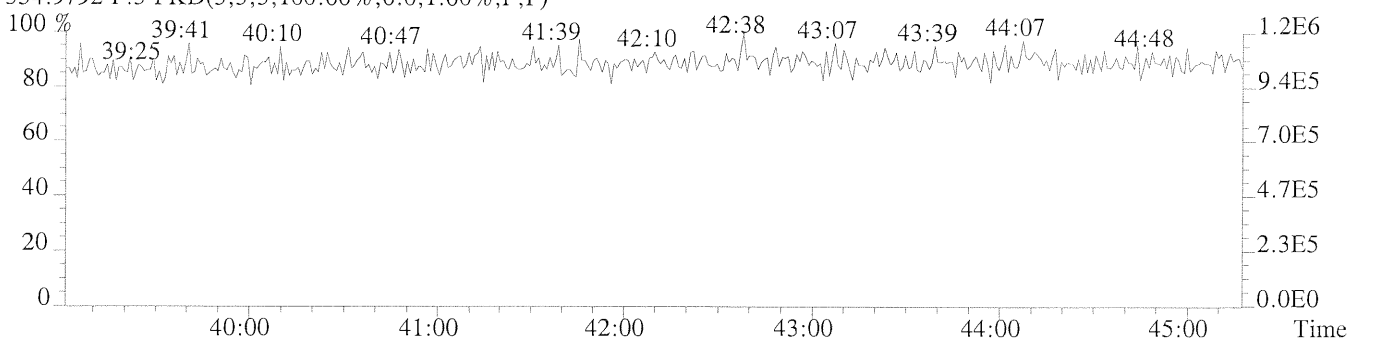
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1656.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1228.0,1.00%,F,T)



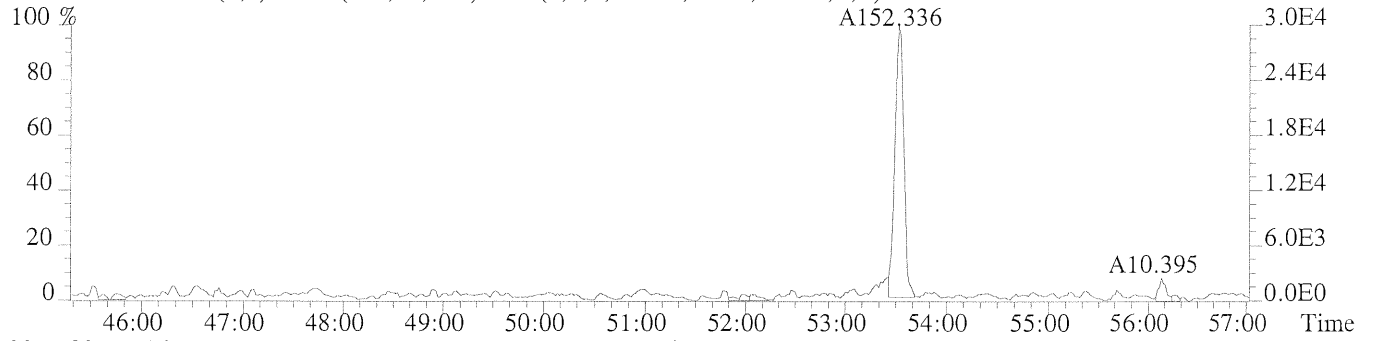
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



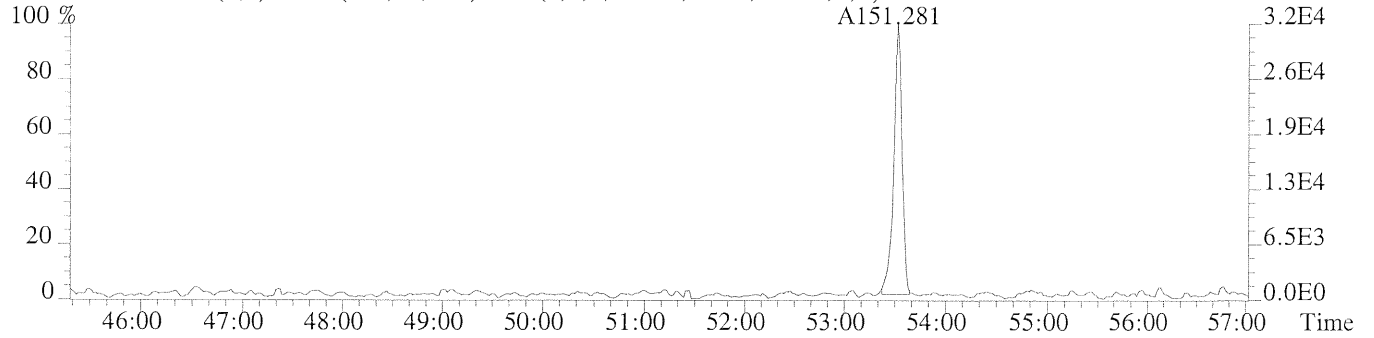
File:U221016 #1-581 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CSI

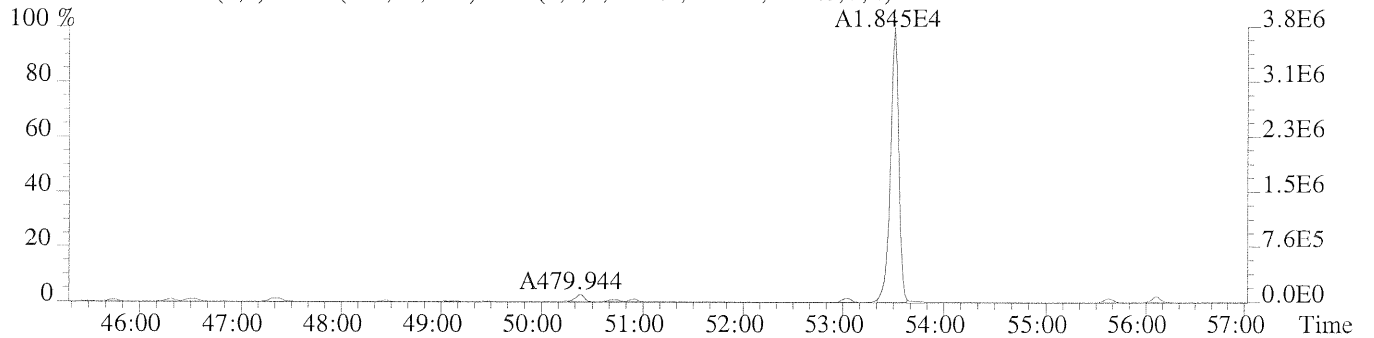
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,716.0,1.00%,F,T)



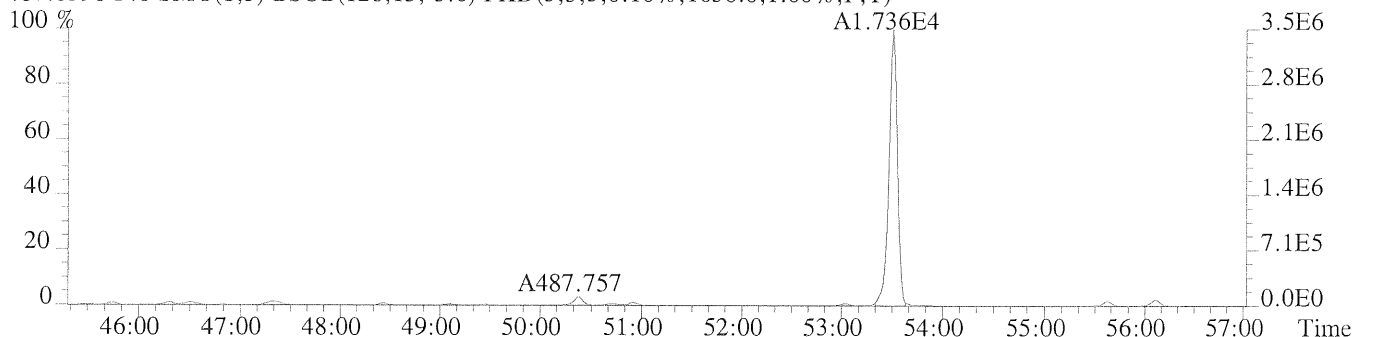
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,848.0,1.00%,F,T)



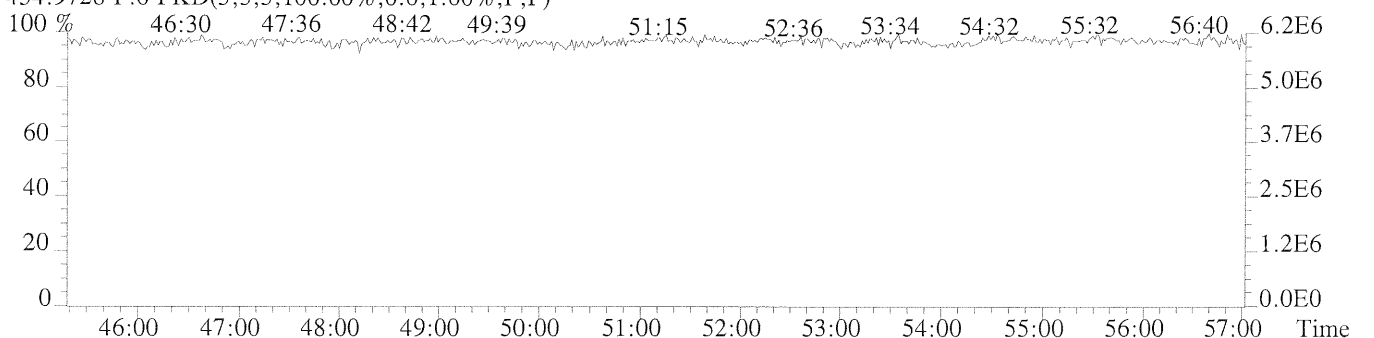
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1044.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1636.0,1.00%,F,T)



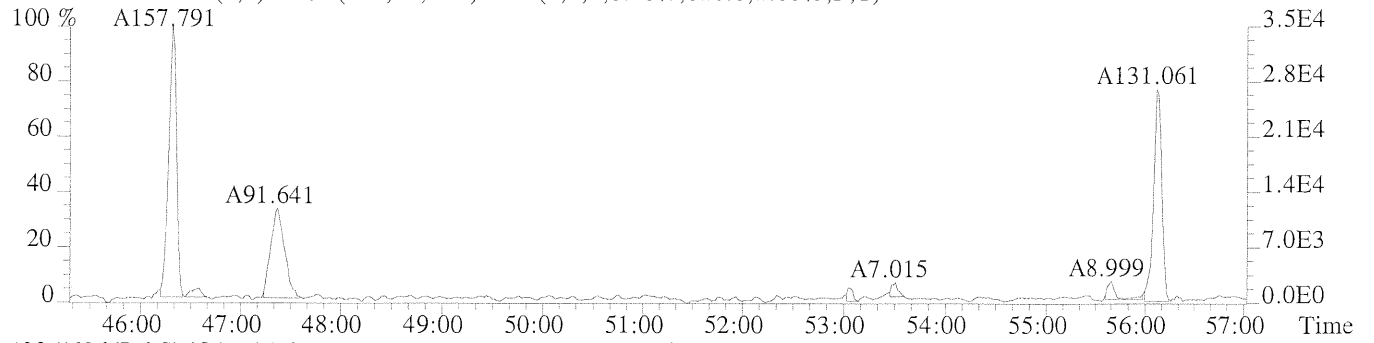
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



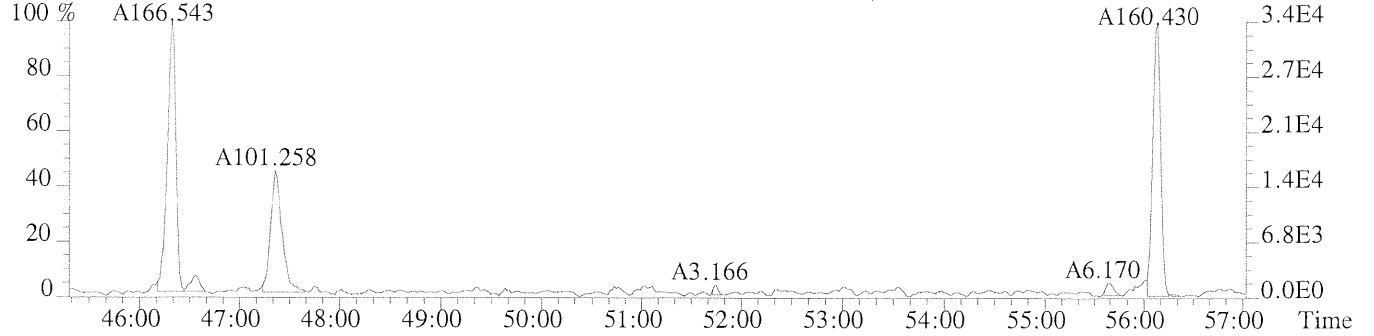
File:U221016 #1-581 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CSI

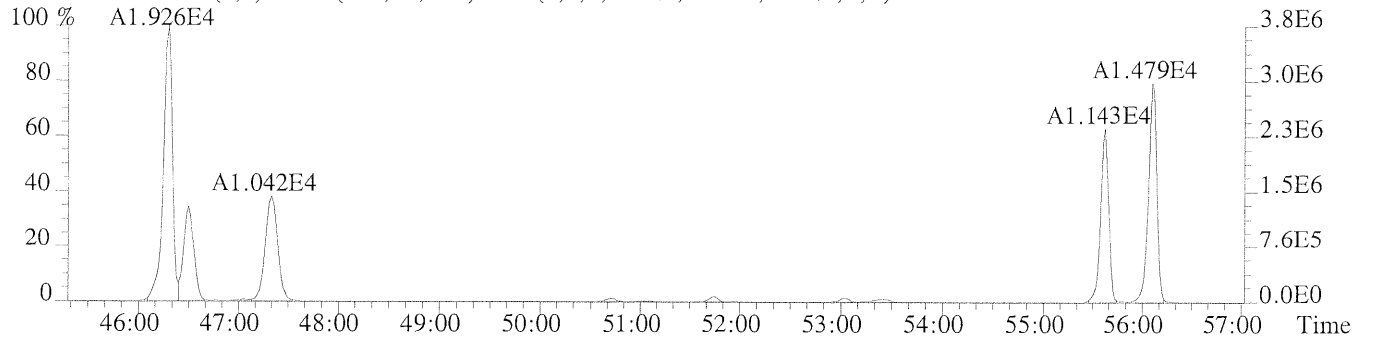
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,816.0,1.00%,F,T)



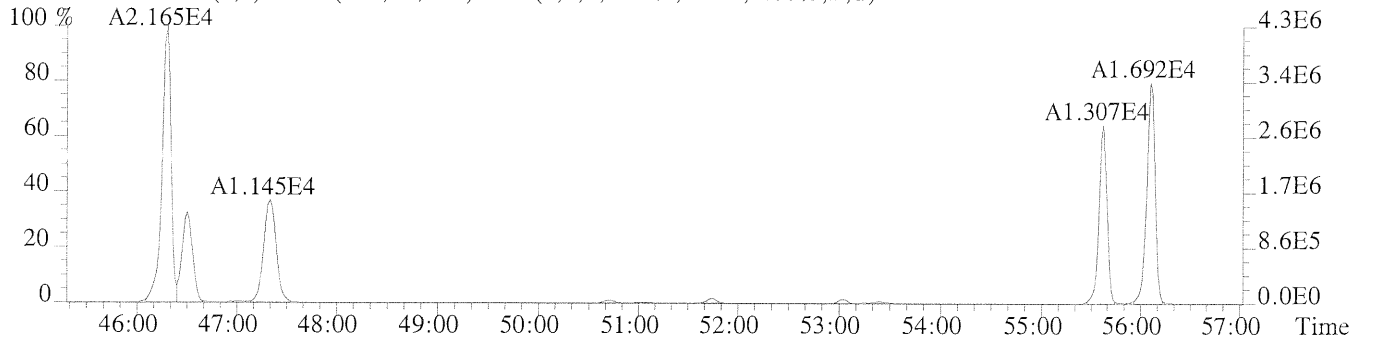
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,792.0,1.00%,F,T)



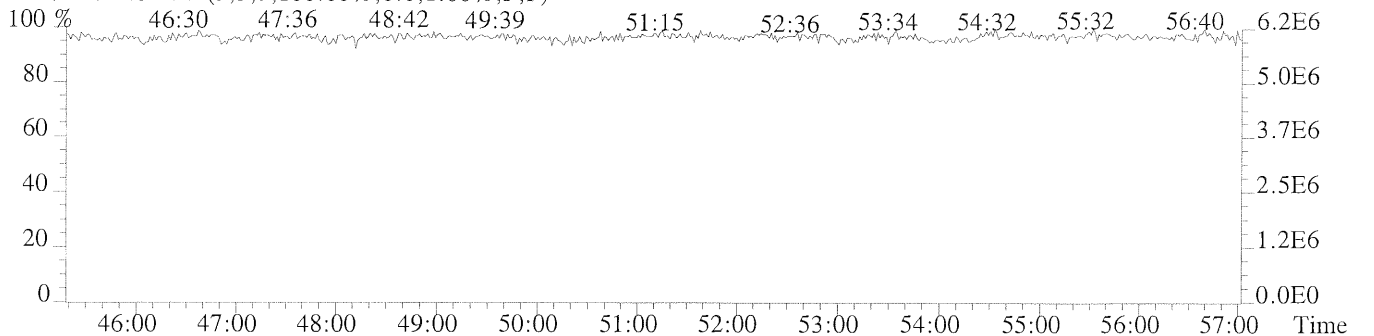
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1296.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,844.0,1.00%,F,T)



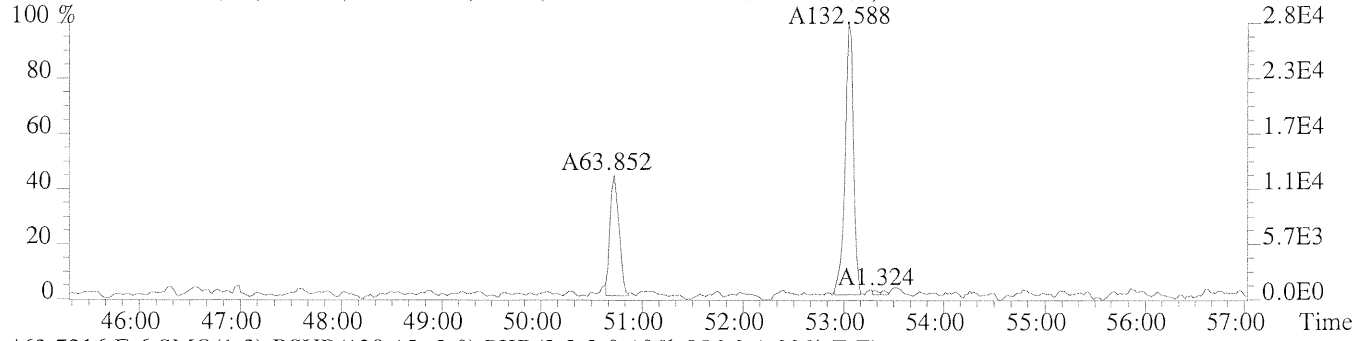
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



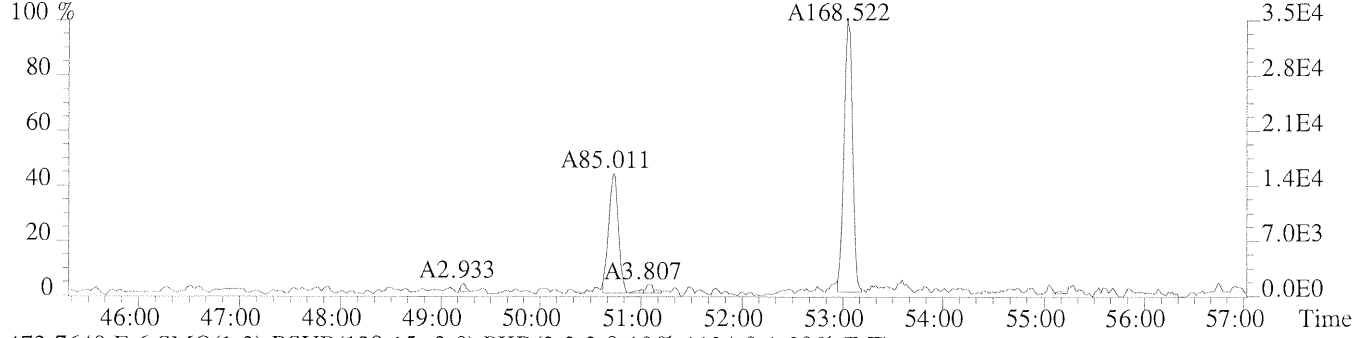
File:U221016 #1-581 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS1

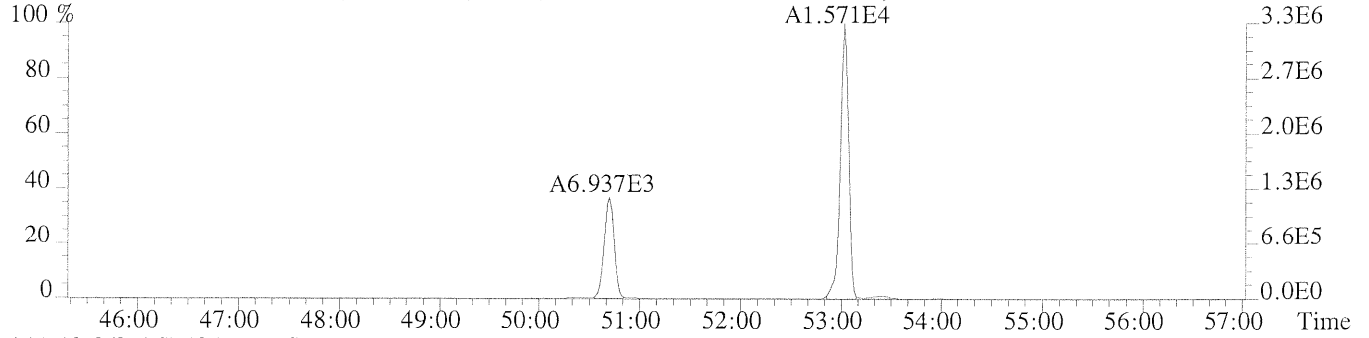
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,788.0,1.00%,F,T)



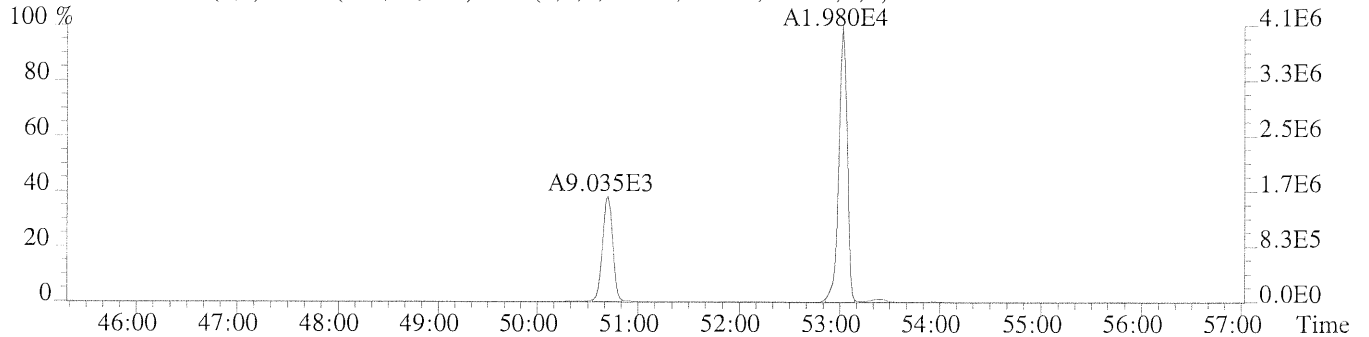
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,856.0,1.00%,F,T)



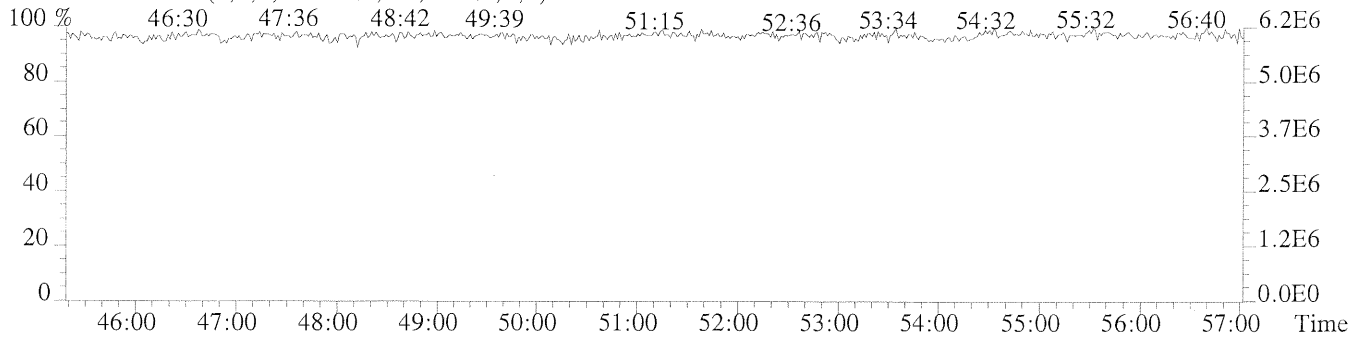
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1124.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1020.0,1.00%,F,T)



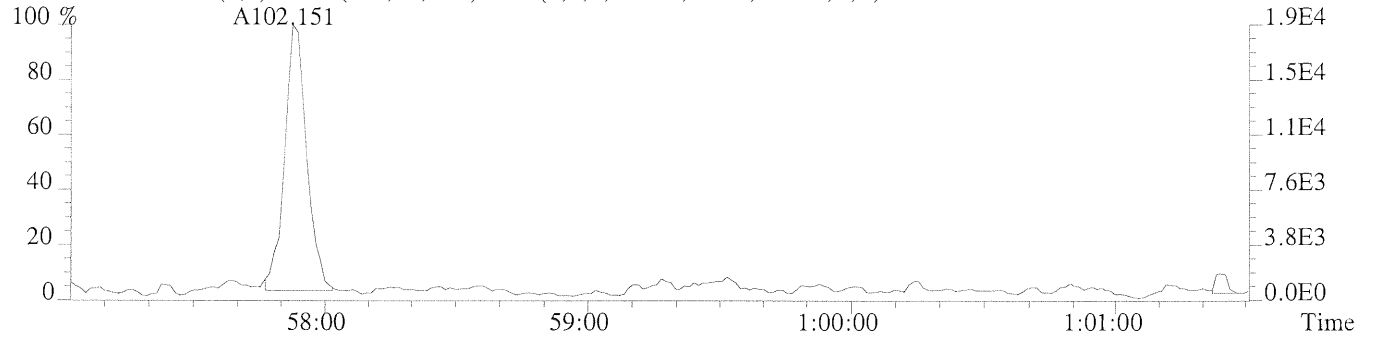
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



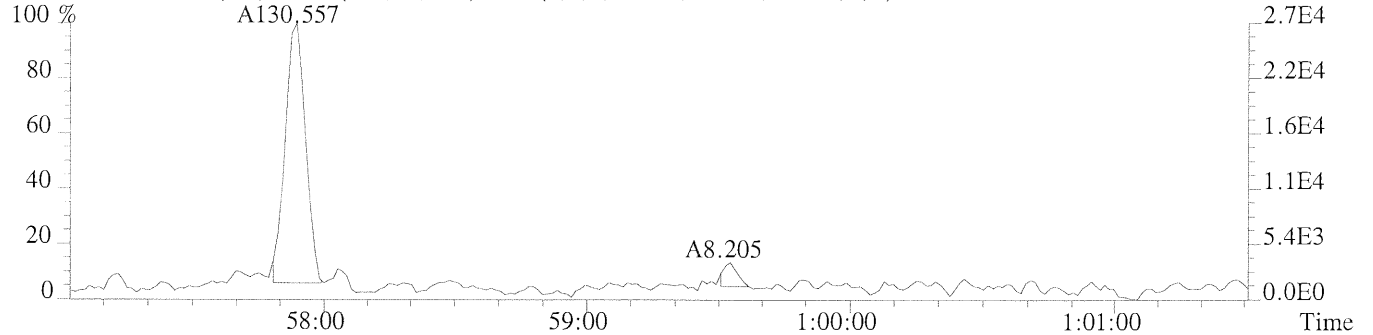
File:U221016 #1-253 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS1

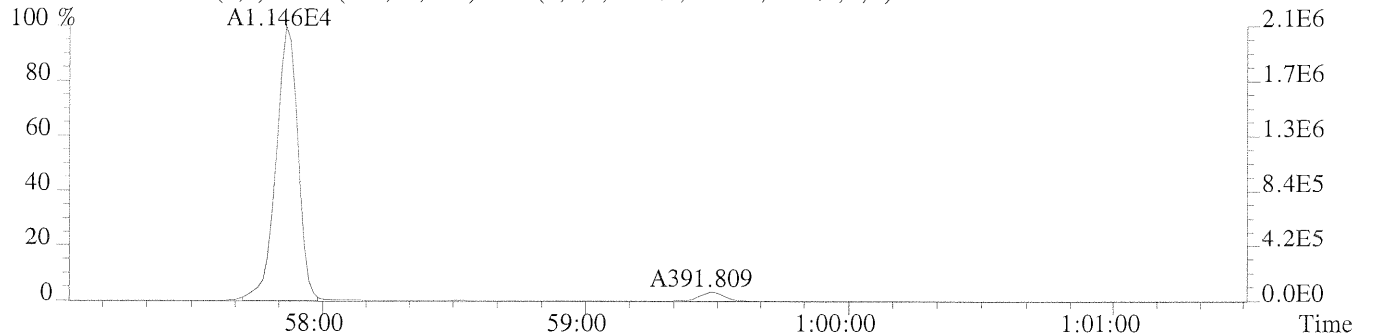
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,884.0,1.00%,F,T)



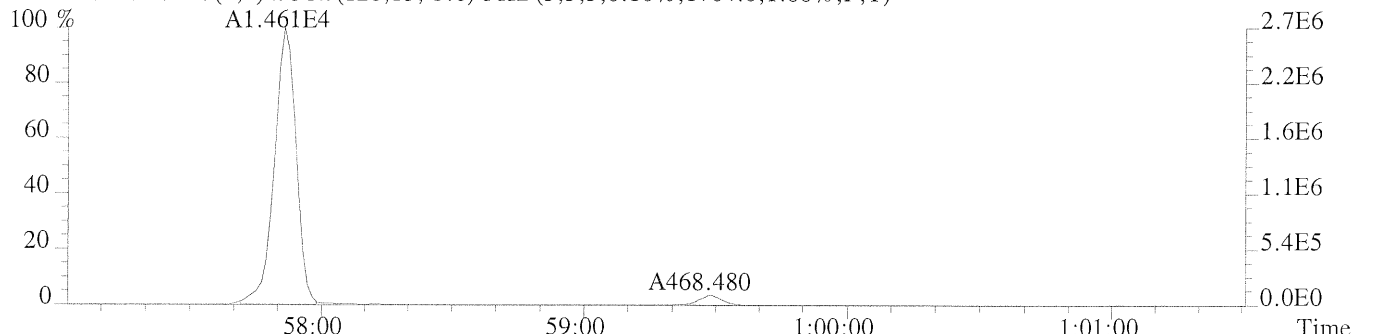
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1552.0,1.00%,F,T)



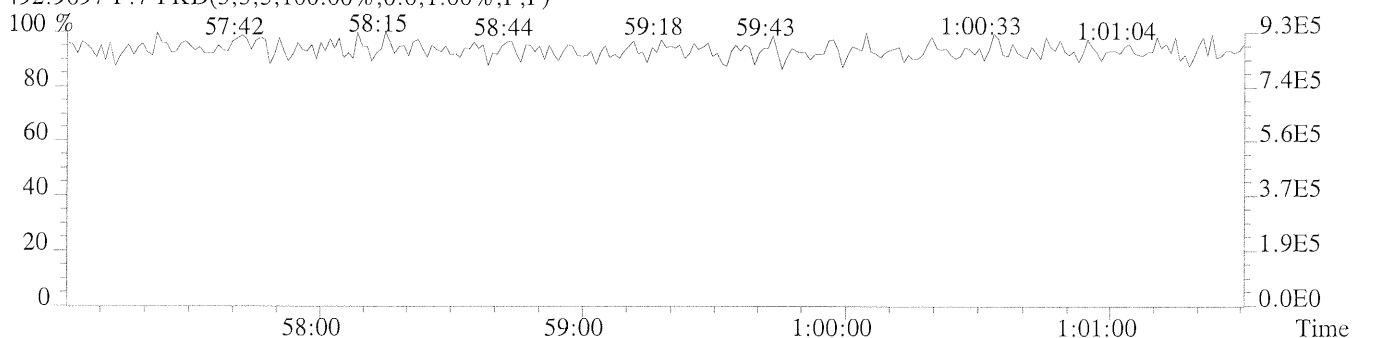
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1760.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1704.0,1.00%,F,T)

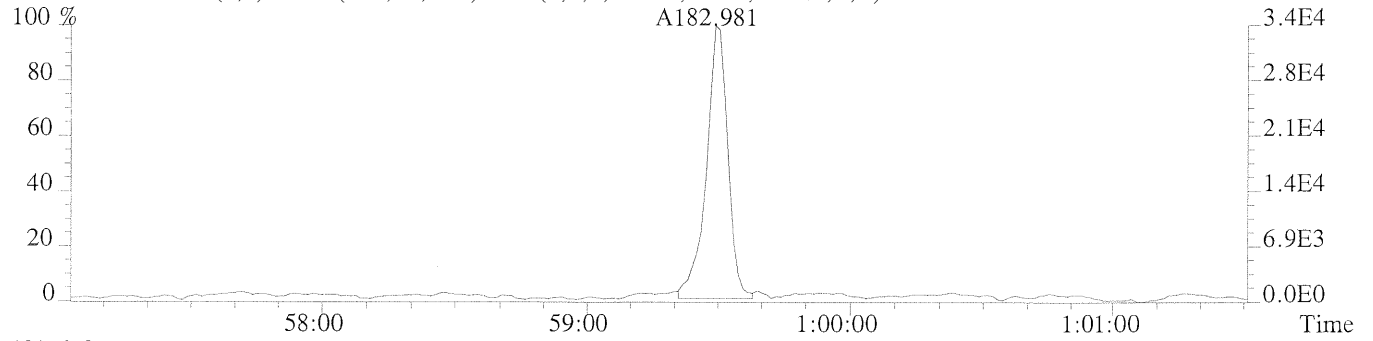


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

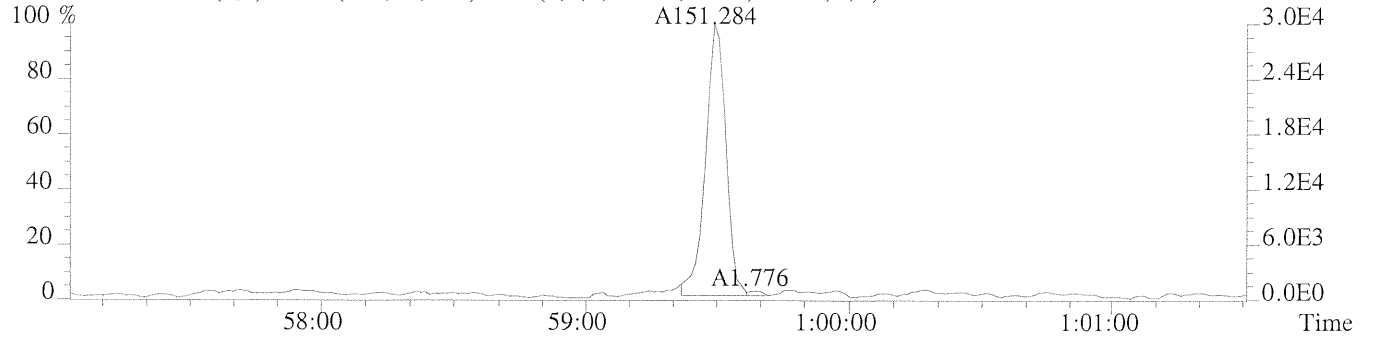


File:U221016 #1-253 Acq:19-OCT-2009 12:41:45 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS1

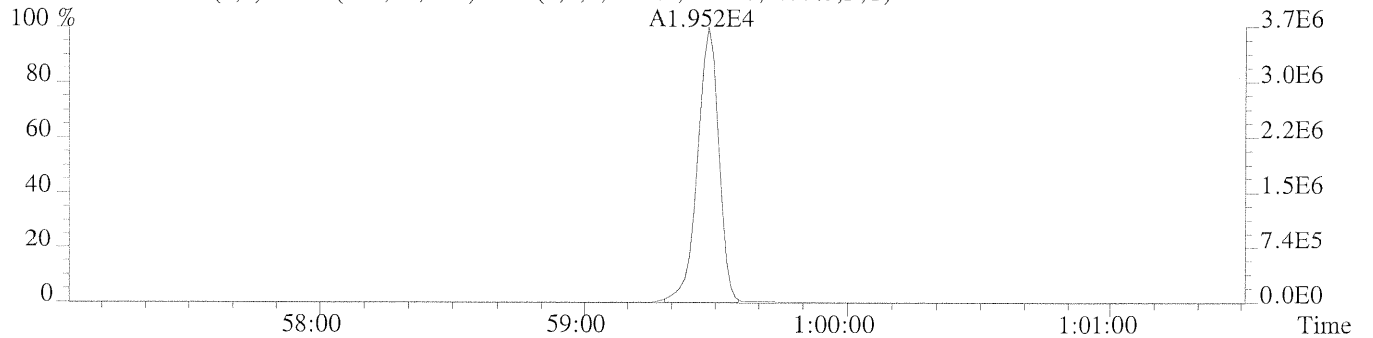
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,820.0,1.00%,F,T)



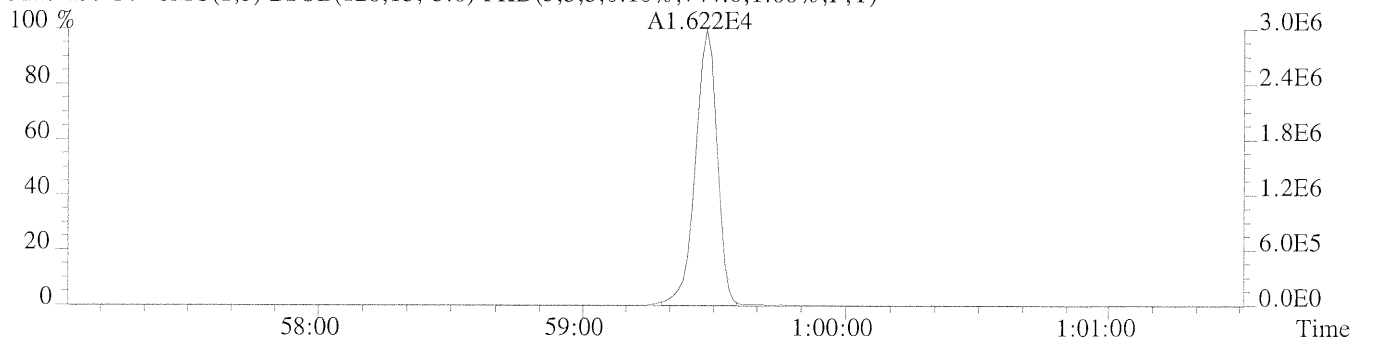
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,732.0,1.00%,F,T)



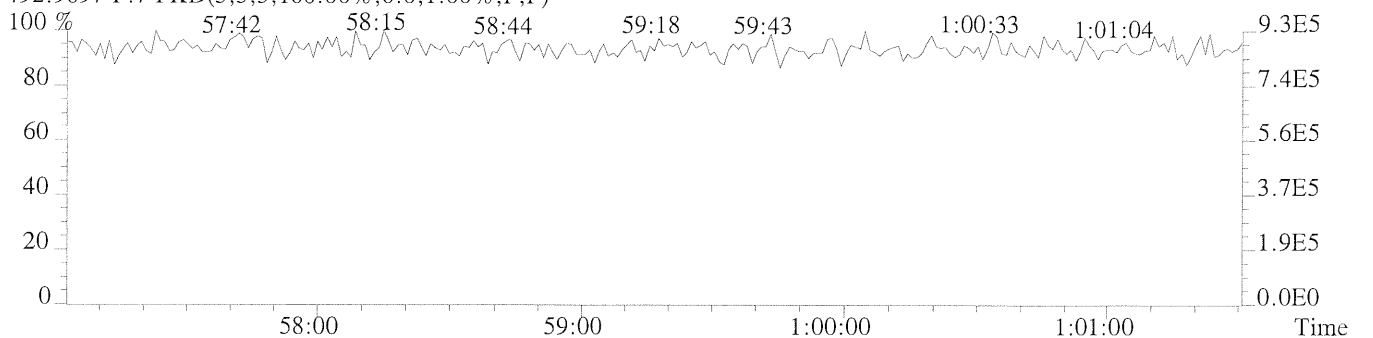
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1048.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,744.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
ICAL CS2

Run #2 Filename U221017 #1 Samp: 1 Inj: 1 Acquired: 19-OCT-09 13:46:32
Processed: 20-APR-10 10:37:20 LAB. ID: ICAL CS2

Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT	
1	1	2-MoCB	14:07	2.192e+03	7.366e+02	2.98	yes	no	1.001
2	3	4-MoCB	16:32	2.229e+03	7.127e+02	3.13	yes	no	1.001
3	4	22'-DiCB	16:49	1.299e+03	8.356e+02	1.55	yes	no	1.001
4	15	44'-DiCB	23:13	1.451e+03	9.798e+02	1.48	yes	no	1.001
5	19	22'6'-TrCB	20:13	7.835e+02	7.454e+02	1.05	yes	no	1.001
6	37	344'-TrCB	30:32	1.202e+03	1.279e+03	0.94	yes	no	1.001
7	54	22'66'-TeCB	23:31	9.539e+02	1.391e+03	0.69	yes	no	1.001
8	81	344'5'-TeCB	37:26	8.946e+02	1.228e+03	0.73	yes	no	1.000
9	77	33'44'-TeCB	38:01	8.483e+02	1.065e+03	0.80	yes	no	1.001
10	104	22'466'-PeCB	29:16	1.421e+03	9.338e+02	1.52	yes	no	1.001
11	123	2'344'5'-PeCB	40:02	1.209e+03	7.487e+02	1.61	yes	no	1.001
12	118	23'44'5'-PeCB	40:22	1.261e+03	8.079e+02	1.56	yes	no	1.001
13	114	2344'5'-PeCB	40:55	1.211e+03	7.835e+02	1.55	yes	no	1.001
14	105	233'44'-PeCB	41:34	1.119e+03	7.334e+02	1.53	yes	no	1.001
15	126	33'44'5'-PeCB	44:41	9.856e+02	6.565e+02	1.50	yes	no	1.000
16	155	22'44'66'-HxCB	35:05	1.272e+03	1.093e+03	1.16	yes	no	1.000
17	167	23'44'55'-HxCB	46:34	7.320e+02	6.294e+02	1.16	yes	no	1.000
18	156/7	233'44'5'-HxCB	47:44	1.407e+03	1.170e+03	1.20	yes	no	1.000
19	169	33'44'55'-HxCB	50:59	6.673e+02	5.228e+02	1.28	yes	no	1.000
20	188	22'34'566'-HpCB	40:54	9.557e+02	9.396e+02	1.02	yes	no	1.001
21	189	233'44'55'-HpCB	53:32	5.246e+02	4.869e+02	1.08	yes	no	1.000
22	202	22'33'55'66'-OcCB	46:19	5.527e+02	6.289e+02	0.88	yes	no	1.000
23	205	233'44'55'6'-OcCB	56:08	4.359e+02	4.720e+02	0.92	yes	no	1.001
24	208	22'33'4'55'66'-NoCB	53:03	4.286e+02	5.778e+02	0.74	yes	no	1.000
25	206	22'33'44'55'6'-NoCB	57:54	3.616e+02	4.087e+02	0.88	yes	yes	1.001
26	209	DeCB	59:29	5.782e+02	4.837e+02	1.20	yes	no	1.000
27	1L	13C-2-MoCB	14:06	4.247e+04	1.412e+04	3.01	yes	no	0.743
28	3L	13C-4-MoCB	16:31	4.373e+04	1.423e+04	3.07	yes	no	0.871
29	4L	13C-22'-DiCB	16:48	2.736e+04	1.828e+04	1.50	yes	no	0.886
30	15L	13C-44'-DiCB	23:11	3.097e+04	1.944e+04	1.59	yes	no	1.223
31	19L	13C-22'6'-TrCB	20:12	1.581e+04	1.504e+04	1.05	yes	no	1.065
32	37L	13C-344'-TrCB	30:31	2.478e+04	2.372e+04	1.04	yes	no	1.080
33	54L	13C-22'66'-TeCB	23:30	2.145e+04	2.772e+04	0.77	yes	no	0.832
34	81L	13C-344'5'-TeCB	37:25	1.789e+04	2.246e+04	0.80	yes	no	1.324
35	77L	13C-33'44'-TeCB	37:59	1.794e+04	2.280e+04	0.79	yes	no	1.344
36	104L	13C-22'466'-PeCB	29:14	2.915e+04	1.855e+04	1.57	yes	no	0.829
37	123L	13C-2'344'5'-PeCB	40:00	2.279e+04	1.446e+04	1.58	yes	no	1.134
38	118L	13C-23'44'5'-PeCB	40:20	2.296e+04	1.458e+04	1.58	yes	no	1.143
39	114L	13C-2344'5'-PeCB	40:53	2.327e+04	1.473e+04	1.58	yes	no	1.159
40	105L	13C-233'44'-PeCB	41:32	2.219e+04	1.361e+04	1.63	yes	no	1.177
41	126L	13C-33'44'5'-PeCB	44:40	2.007e+04	1.272e+04	1.58	yes	no	1.266
42	155L	13C-22'44'66'-HxCB	35:04	2.592e+04	2.167e+04	1.20	yes	no	0.806
43	167L	13C-23'44'55'-HxCB	46:33	1.527e+04	1.220e+04	1.25	yes	no	1.070
44	156/7	13C-233'44'5'-HxCB	47:43	2.798e+04	2.184e+04	1.28	yes	no	1.097
45	169L	13C-33'44'55'-HxCB	50:58	1.303e+04	1.046e+04	1.24	yes	no	1.172
46	188L	13C-22'34'566'-HpCB	40:52	1.980e+04	1.909e+04	1.04	yes	no	0.735
47	189L	13C-233'44'55'-HpCB	53:31	1.141e+04	1.066e+04	1.07	yes	no	0.962
48	202L	13C-22'33'55'66'-OcCB	46:18	1.280e+04	1.424e+04	0.90	yes	no	0.832
49	205L	13C-233'44'55'6'-OcCB	56:06	9.140e+03	1.014e+04	0.90	yes	no	1.008
50	208L	13C-22'33'4'55'66'-NoCB	53:02	9.888e+03	1.259e+04	0.79	yes	no	0.953
51	206L	13C-22'33'44'55'6'-NoCB	57:52	7.629e+03	9.641e+03	0.79	yes	no	1.040
52	209L	13C-DeCB	59:28	1.281e+04	1.080e+04	1.19	yes	no	1.069

53	28L	13C-244'-TrCB	26:22	3.018e+04	2.874e+04	1.05	yes	no	0.933
54	111L	13C-233'55'-PeCB	38:00	2.371e+04	1.506e+04	1.57	yes	no	1.077
55	178L	13C-22'33'55'6'-HpCB	43:57	1.321e+04	1.274e+04	1.04	yes	no	1.010
56	9L	13C-2,5-DiCB	18:58	3.095e+04	1.936e+04	1.60	yes	no	*
57	52L	13C-22'55'-TeCB	28:15	1.754e+04	2.243e+04	0.78	yes	no	*
58	101L	13C-22'4'55'-PeCB	35:17	1.938e+04	1.240e+04	1.56	yes	no	*
59	138L	13C-22'3'44'5'-HxCB	43:30	1.542e+04	1.225e+04	1.26	yes	no	*
60	194L	13C-22'33'44'55'-OxCB	55:38	7.170e+03	7.935e+03	0.90	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
ICAL CS2

Run #2 Filename U221017 Samp: 1 Inj: 1 Acquired: 19-OCT-09 13:46:32
Processed: 20-APR-10 10:37:201 LAB. ID: ICAL CS2

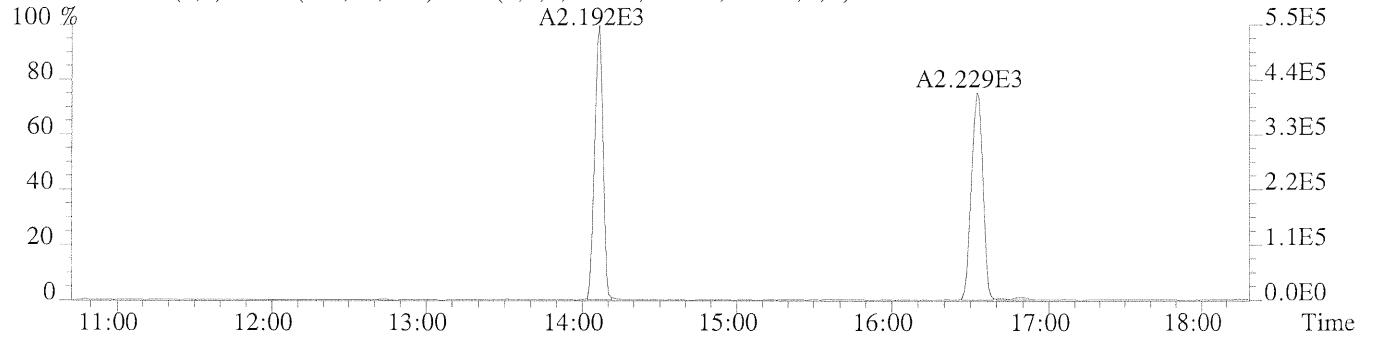
	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	5.51e+05	1.32e+03	4.2e+02	1.83e+05	1.24e+03	1.5e+02
2	4-MoCB	4.16e+05	1.32e+03	3.1e+02	1.35e+05	1.24e+03	1.1e+02
3	22'-DiCB	2.49e+05	1.56e+03	1.6e+02	1.59e+05	1.23e+04	1.3e+01
4	44'-DiCB	2.39e+05	1.40e+03	1.7e+02	1.55e+05	9.35e+03	1.7e+01
5	22'6'-TrCB	1.33e+05	9.44e+02	1.4e+02	1.22e+05	1.63e+03	7.5e+01
6	344'-TrCB	1.63e+05	1.17e+03	1.4e+02	1.75e+05	1.82e+03	9.6e+01
7	22'66'-TeCB	1.50e+05	7.20e+02	2.1e+02	2.22e+05	8.40e+02	2.6e+02
8	344'5-TeCB	1.44e+05	1.15e+03	1.3e+02	1.86e+05	1.86e+03	1.0e+02
9	33'44'-TeCB	1.31e+05	1.15e+03	1.1e+02	1.63e+05	1.86e+03	8.8e+01
10	22'466'-PeCB	2.04e+05	8.20e+02	2.5e+02	1.23e+05	1.94e+03	6.3e+01
11	2'344'5-PeCB	1.94e+05	8.60e+02	2.3e+02	1.21e+05	1.51e+03	8.0e+01
12	23'44'5-PeCB	2.13e+05	8.60e+02	2.5e+02	1.33e+05	1.51e+03	8.8e+01
13	2344'5-PeCB	1.93e+05	8.60e+02	2.2e+02	1.14e+05	1.51e+03	7.6e+01
14	233'44'-PeCB	1.86e+05	8.60e+02	2.2e+02	1.18e+05	1.51e+03	7.8e+01
15	33'44'5-PeCB	1.52e+05	8.60e+02	1.8e+02	1.09e+05	1.51e+03	7.2e+01
16	22'44'66'-HxCB	1.92e+05	1.13e+03	1.7e+02	1.64e+05	1.21e+03	1.4e+02
17	23'44'55'-HxCB	1.59e+05	1.15e+03	1.4e+02	1.36e+05	1.16e+03	1.2e+02
18	233'44'5-HxCB	2.22e+05	1.15e+03	1.9e+02	1.88e+05	1.16e+03	1.6e+02
19	33'44'55'-HxCB	1.37e+05	1.15e+03	1.2e+02	1.06e+05	1.16e+03	9.1e+01
20	22'34'566'-HpCB	1.55e+05	1.18e+03	1.3e+02	1.53e+05	9.04e+02	1.7e+02
21	233'44'55'-HpCB	1.13e+05	9.84e+02	1.1e+02	1.00e+05	8.40e+02	1.2e+02
22	22'33'55'66'-OcCB	1.13e+05	9.04e+02	1.3e+02	1.30e+05	8.56e+02	1.5e+02
23	233'44'55'6-OcCB	8.68e+04	9.04e+02	9.6e+01	1.00e+05	8.56e+02	1.2e+02
24	22'33'4'55'66'-NoCB	8.89e+04	9.12e+02	9.7e+01	1.24e+05	9.60e+02	1.3e+02
25	22'33'44'55'6-NoCB	7.06e+04	4.84e+02	1.5e+02	7.55e+04	1.45e+03	5.2e+01
26	DeCB	1.15e+05	5.92e+02	1.9e+02	9.00e+04	7.12e+02	1.3e+02
27	13C-2-MoCB	1.07e+07	1.69e+03	6.4e+03	3.52e+06	1.76e+04	2.0e+02
28	13C-4-MoCB	8.21e+06	1.69e+03	4.9e+03	2.72e+06	1.76e+04	1.5e+02
29	13C-22'-DiCB	5.16e+06	1.88e+03	2.7e+03	3.43e+06	1.16e+03	3.0e+03
30	13C-44'-DiCB	4.92e+06	3.18e+03	1.5e+03	3.08e+06	1.48e+03	2.1e+03
31	13C-22'6'-TrCB	2.66e+06	1.36e+04	2.0e+02	2.56e+06	7.74e+03	3.3e+02
32	13C-344'-TrCB	3.35e+06	1.37e+04	2.4e+02	3.17e+06	7.81e+03	4.1e+02
33	13C-22'66'-TeCB	3.42e+06	8.92e+02	3.8e+03	4.42e+06	7.36e+02	6.0e+03
34	13C-344'5-TeCB	2.71e+06	1.15e+03	2.4e+03	3.41e+06	1.24e+03	2.7e+03
35	13C-33'44'-TeCB	2.71e+06	1.15e+03	2.4e+03	3.44e+06	1.24e+03	2.8e+03
36	13C-22'466'-PeCB	4.07e+06	1.27e+03	3.2e+03	2.59e+06	1.05e+03	2.5e+03
37	13C-2'344'5-PeCB	3.76e+06	4.56e+03	8.3e+02	2.35e+06	4.05e+03	5.8e+02
38	13C-23'44'5-PeCB	3.71e+06	4.56e+03	8.1e+02	2.34e+06	4.05e+03	5.8e+02
39	13C-2344'5-PeCB	3.73e+06	4.56e+03	8.2e+02	2.35e+06	4.05e+03	5.8e+02
40	13C-233'44'-PeCB	3.62e+06	4.56e+03	7.9e+02	2.24e+06	4.05e+03	5.5e+02
41	13C-33'44'5-PeCB	3.27e+06	4.56e+03	7.2e+02	2.09e+06	4.05e+03	5.2e+02
42	13C-22'44'66'-HxCB	3.90e+06	1.06e+03	3.7e+03	3.24e+06	1.44e+03	2.2e+03
43	13C-23'44'55'-HxCB	3.16e+06	1.34e+03	2.4e+03	2.52e+06	7.56e+02	3.3e+03
44	13C-233'44'5'-HxCB	4.41e+06	1.34e+03	3.3e+03	3.45e+06	7.56e+02	4.6e+03
45	13C-33'44'55'-HxCB	2.73e+06	1.34e+03	2.0e+03	2.19e+06	7.56e+02	2.9e+03
46	13C-22'34'566'-HpCB	3.23e+06	7.36e+02	4.4e+03	3.12e+06	6.32e+02	4.9e+03
47	13C-233'44'55'-HpCB	2.42e+06	1.48e+03	1.6e+03	2.26e+06	8.32e+02	2.7e+03
48	13C-22'33'55'66'-OcCB	2.68e+06	9.16e+02	2.9e+03	3.01e+06	8.92e+02	3.4e+03
49	13C-233'44'55'6-OcCB	1.94e+06	9.16e+02	2.1e+03	2.14e+06	8.92e+02	2.4e+03
50	13C-22'33'4'55'66'-NoCB	2.12e+06	8.92e+02	2.4e+03	2.69e+06	9.12e+02	3.0e+03
51	13C-22'33'44'55'6-NoCB	1.47e+06	8.32e+02	1.8e+03	1.87e+06	7.16e+02	2.6e+03
52	13C-DeCB	2.50e+06	6.36e+02	3.9e+03	2.07e+06	6.92e+02	3.0e+03

53	13C-244'-TrCB	4.16e+06	1.37e+04	3.0e+02	3.90e+06	7.81e+03	5.0e+02
54	13C-233'55'-PeCB	3.77e+06	1.35e+03	2.8e+03	2.39e+06	1.18e+03	2.0e+03
55	13C-22'33'55'6'-HpCB	2.24e+06	7.36e+02	3.0e+03	2.15e+06	6.32e+02	3.4e+03
56	13C-2,5-DiCB	5.68e+06	3.18e+03	1.8e+03	3.49e+06	1.48e+03	2.4e+03
57	13C-22'55'-TeCB	2.46e+06	1.05e+03	2.3e+03	3.15e+06	1.02e+03	3.1e+03
58	13C-22'4'55'-PeCB	2.78e+06	1.35e+03	2.1e+03	1.83e+06	1.18e+03	1.6e+03
59	13C-22'3'44'5'-HxCB	2.62e+06	8.68e+02	3.0e+03	2.08e+06	9.72e+02	2.1e+03
60	13C-22'33'44'55'-OxCB	1.51e+06	9.16e+02	1.6e+03	1.68e+06	8.92e+02	1.9e+03

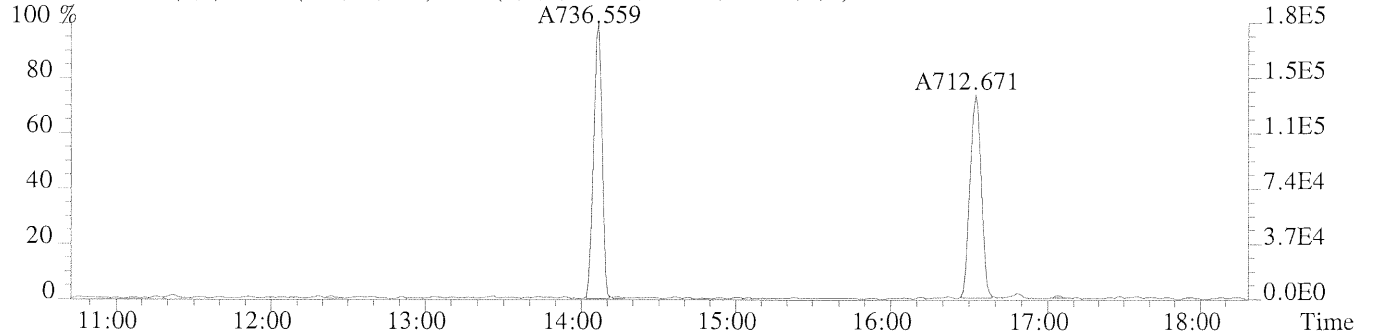
File:U221017 #1-489 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

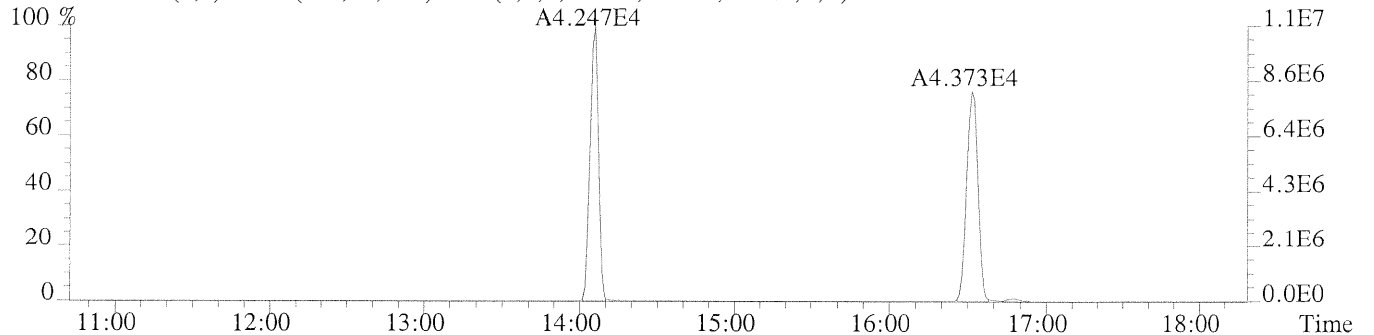
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1324.0,1.00%,F,T)



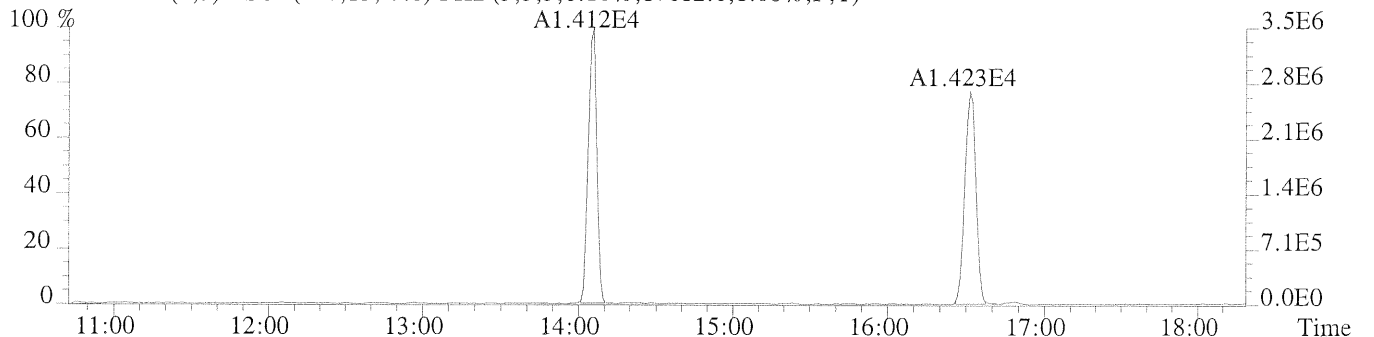
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1244.0,1.00%,F,T)



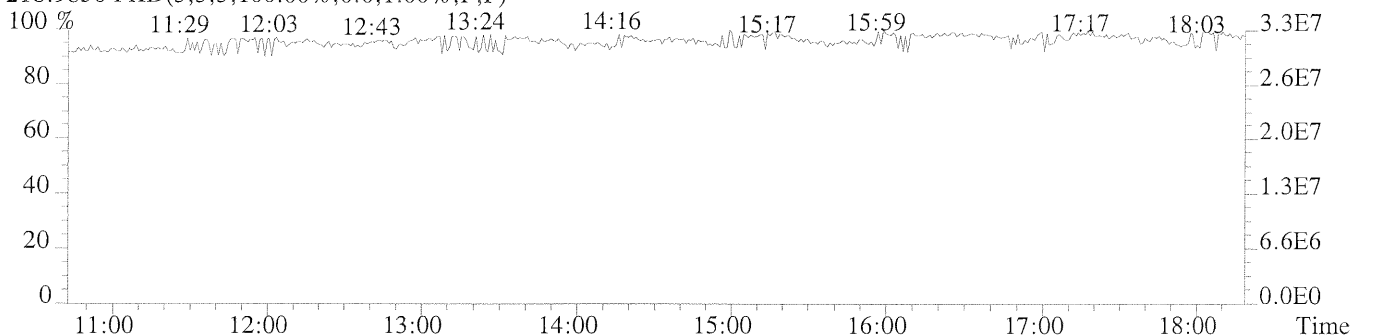
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1688.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,17612.0,1.00%,F,T)



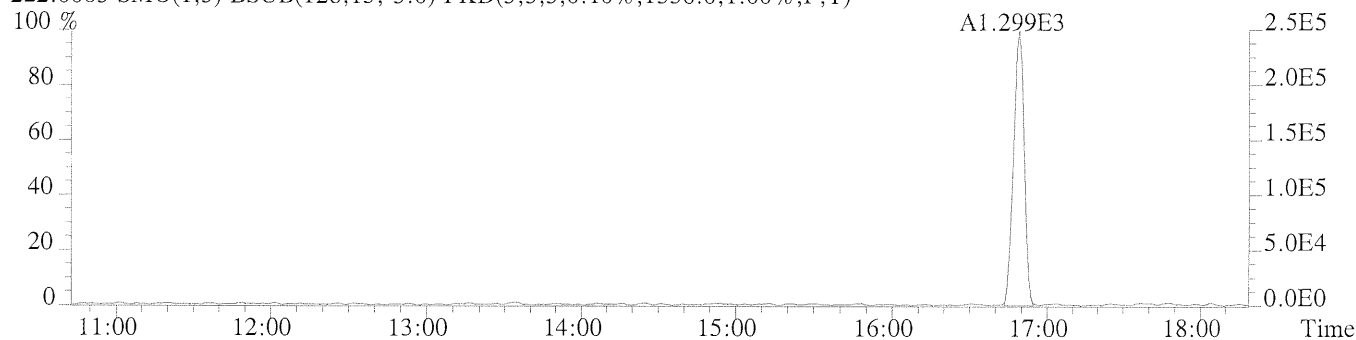
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



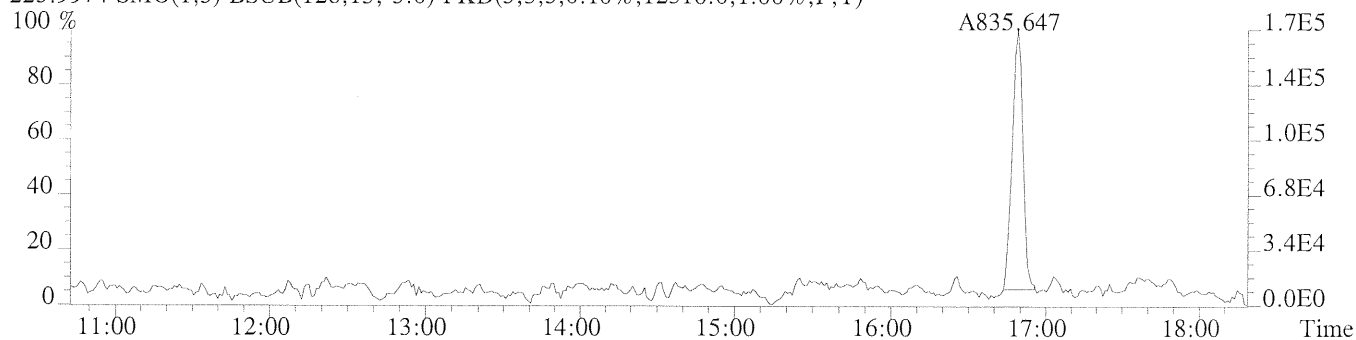
File:U221017 #1-489 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

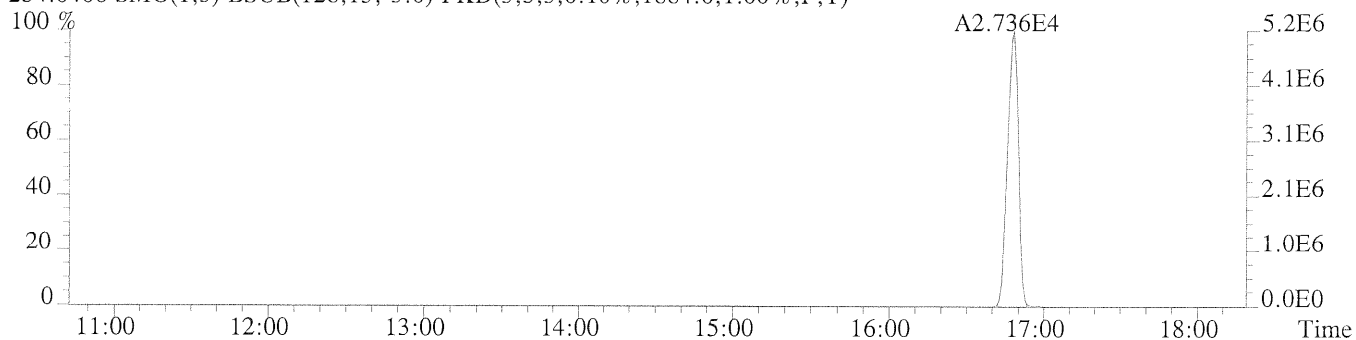
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1556.0,1.00%,F,T)



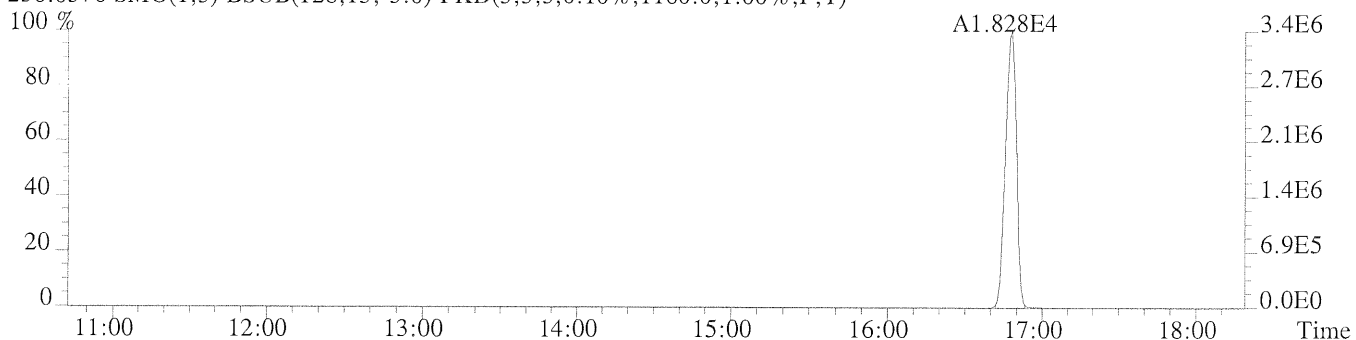
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12316.0,1.00%,F,T)



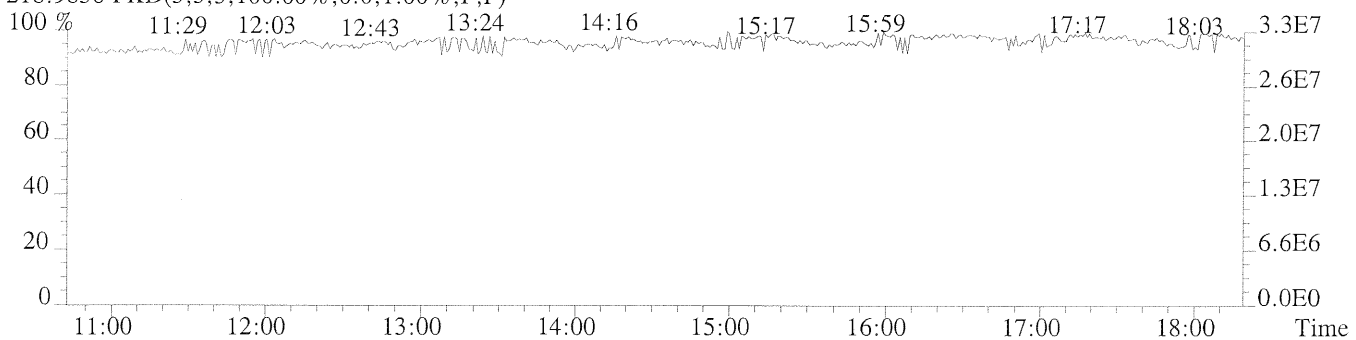
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1884.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1160.0,1.00%,F,T)



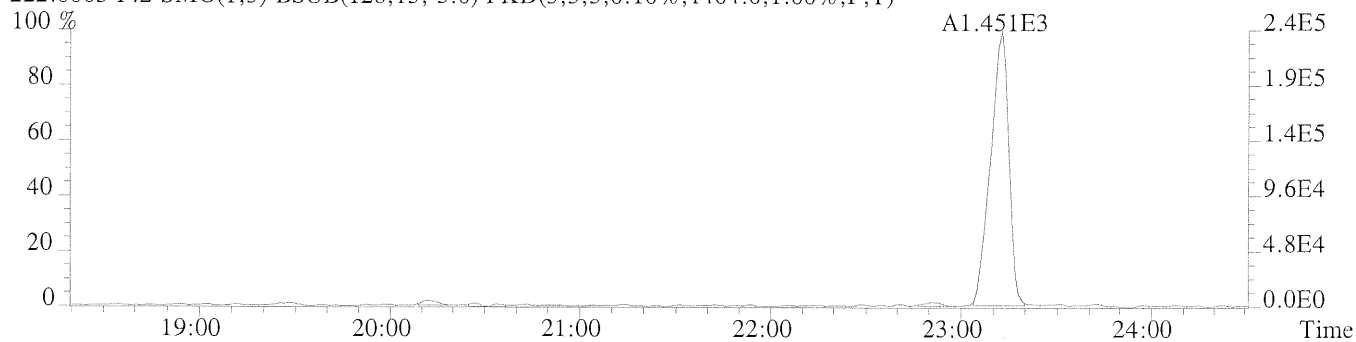
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U221017 #1-342 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

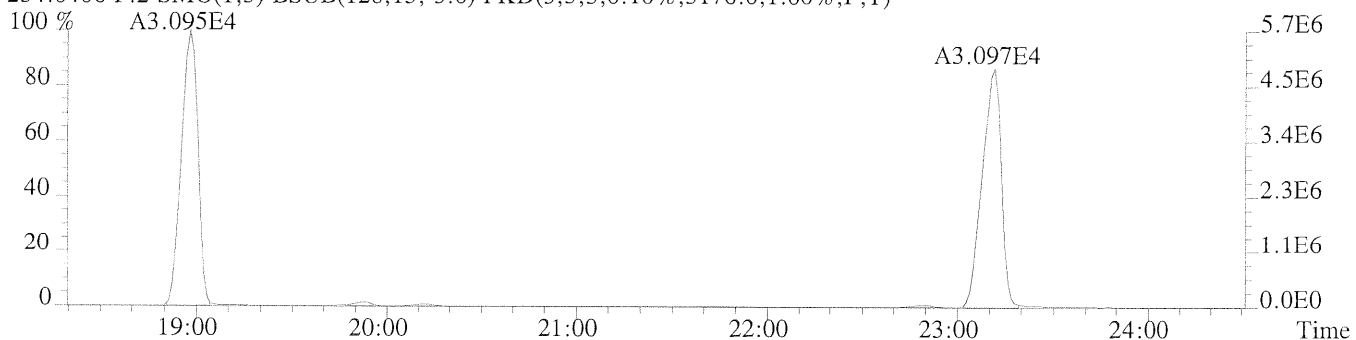
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1404.0,1.00%,F,T)



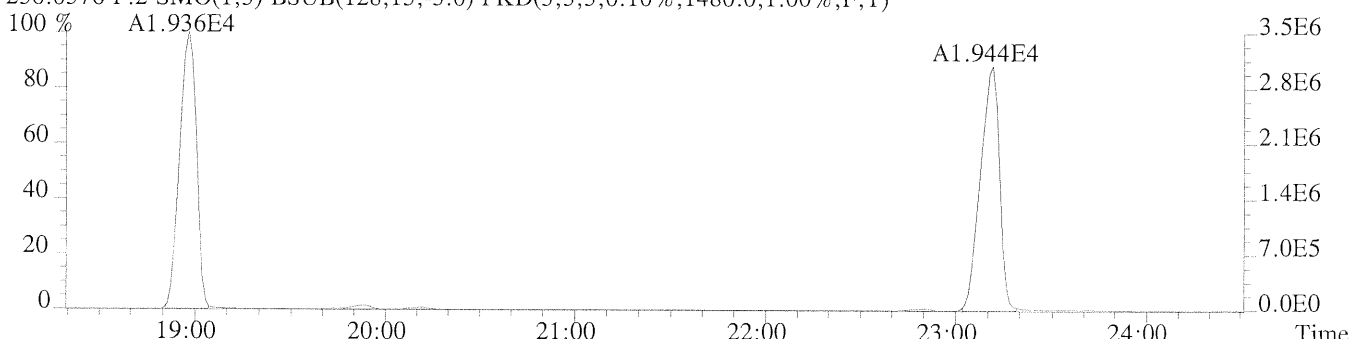
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9352.0,1.00%,F,T)



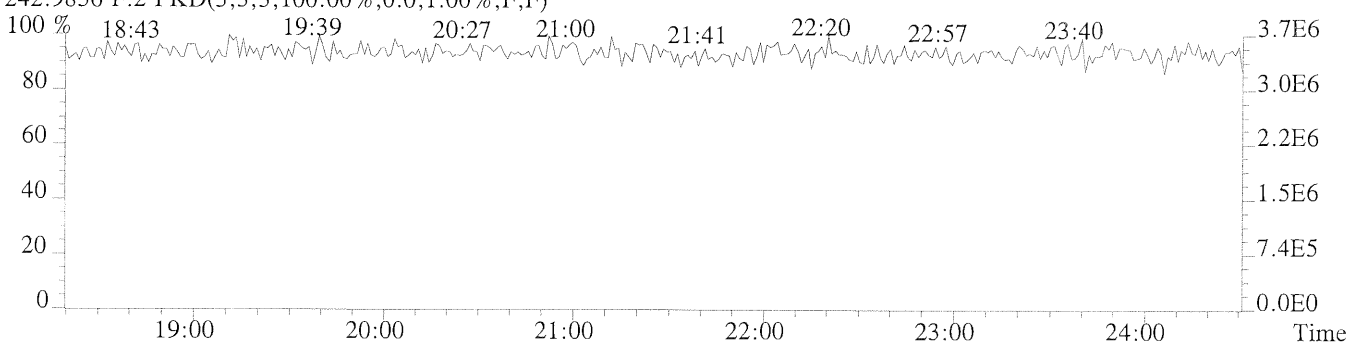
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3176.0,1.00%,F,T)



236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1480.0,1.00%,F,T)



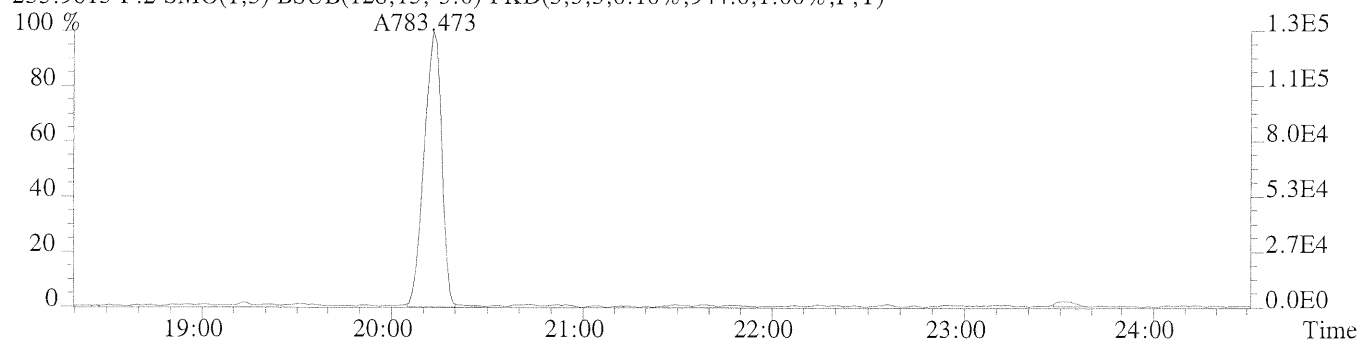
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



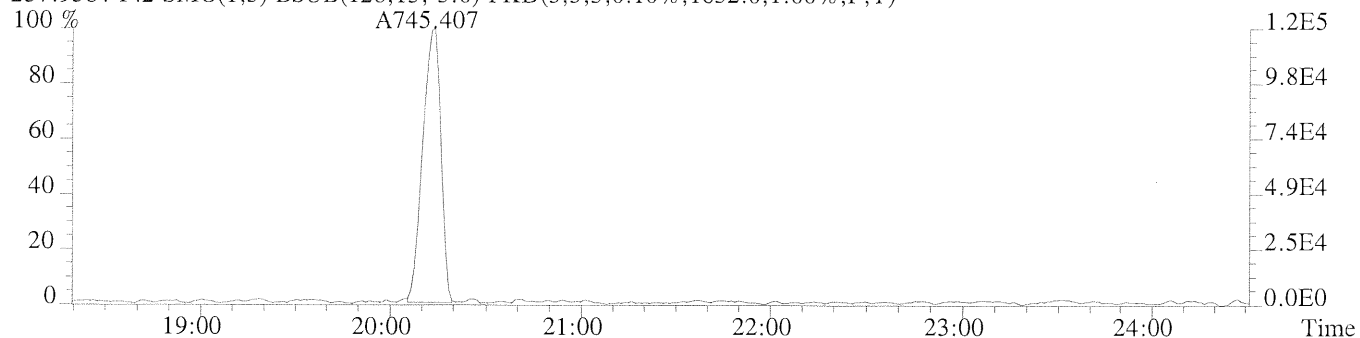
File:U221017 #1-342 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

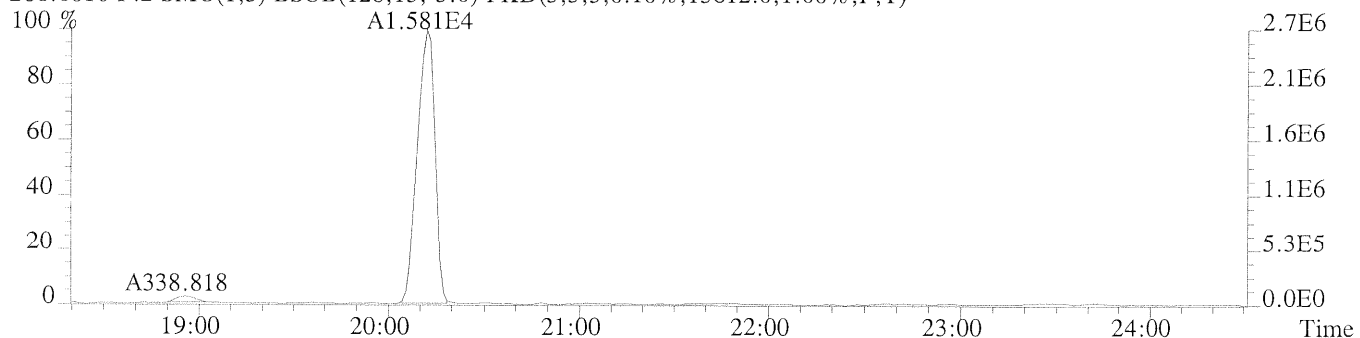
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,944.0,1.00%,F,T)



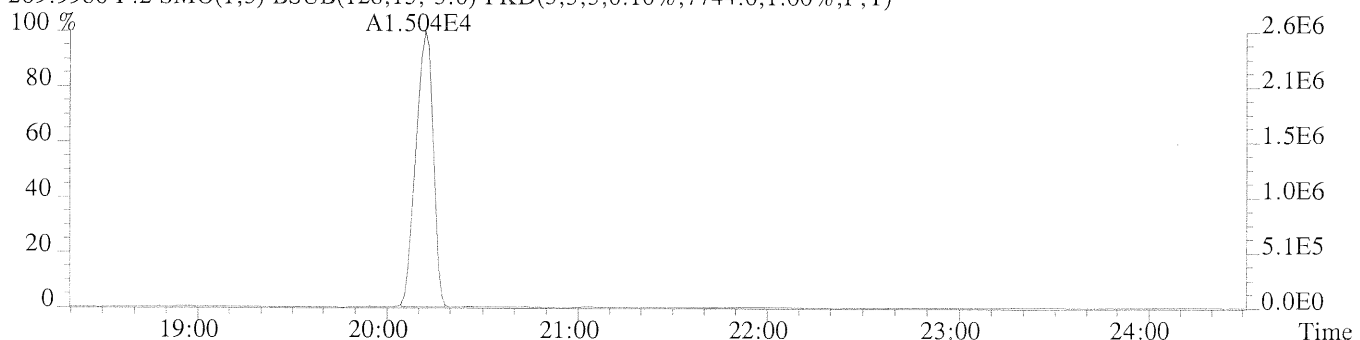
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1632.0,1.00%,F,T)



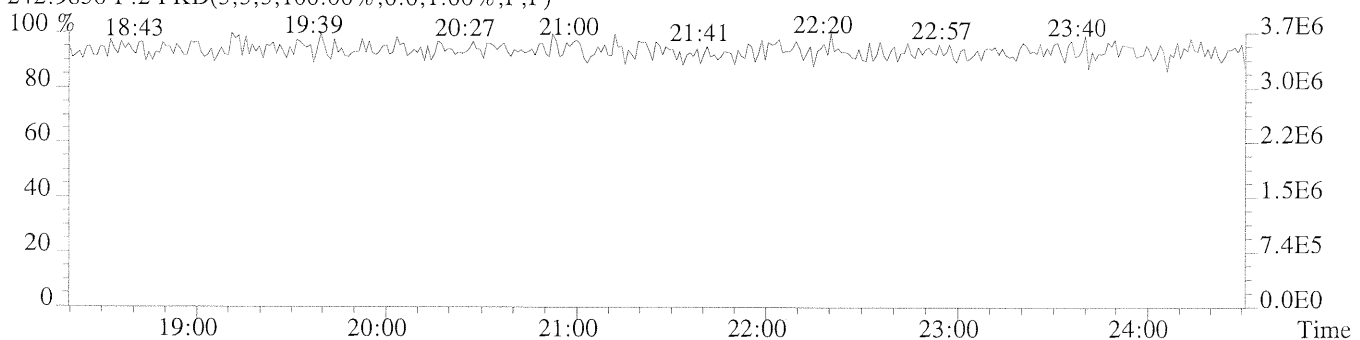
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13612.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7744.0,1.00%,F,T)



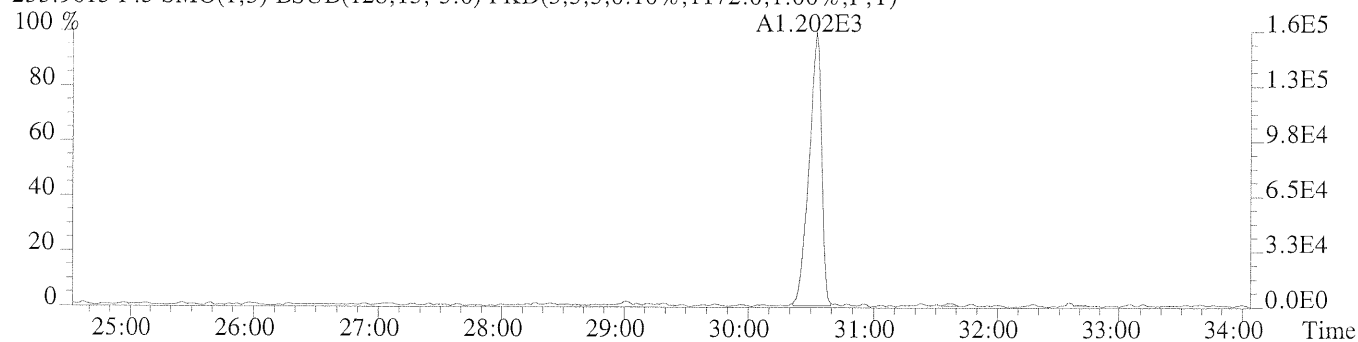
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



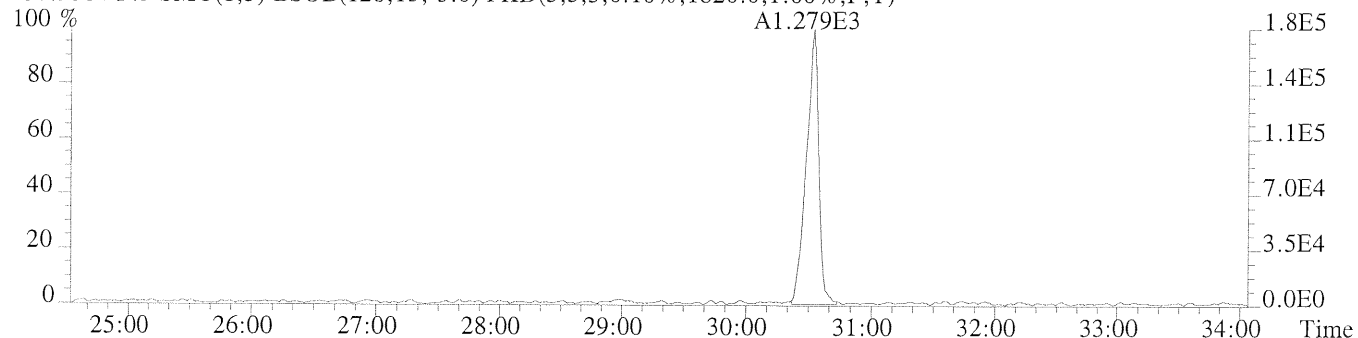
File:U221017 #1-610 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

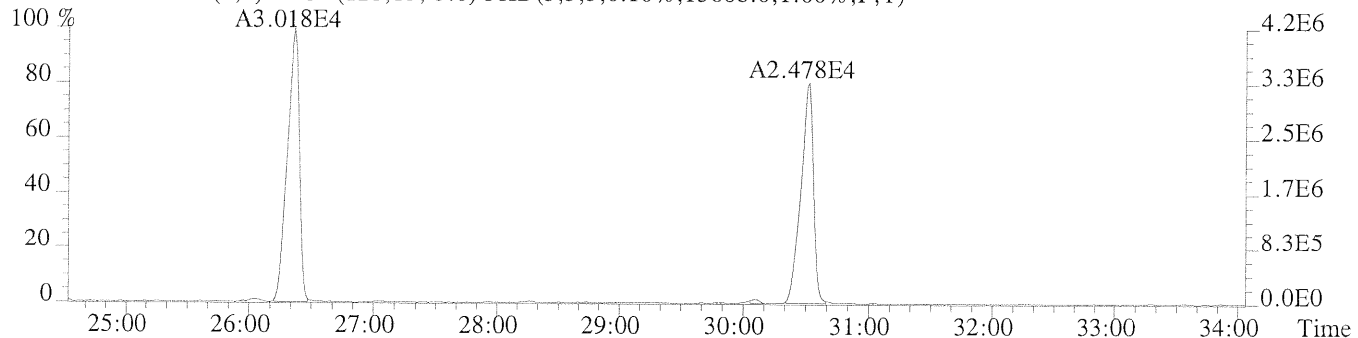
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1172.0,1.00%,F,T)



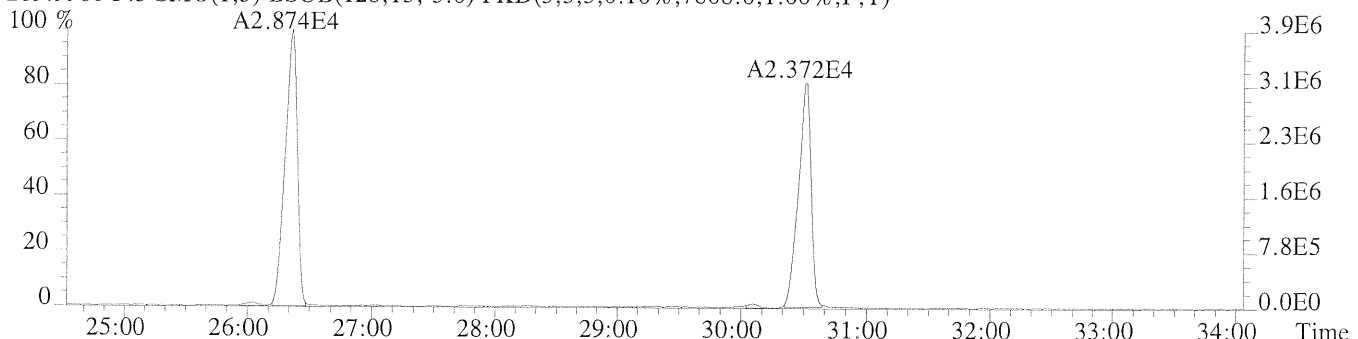
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1820.0,1.00%,F,T)



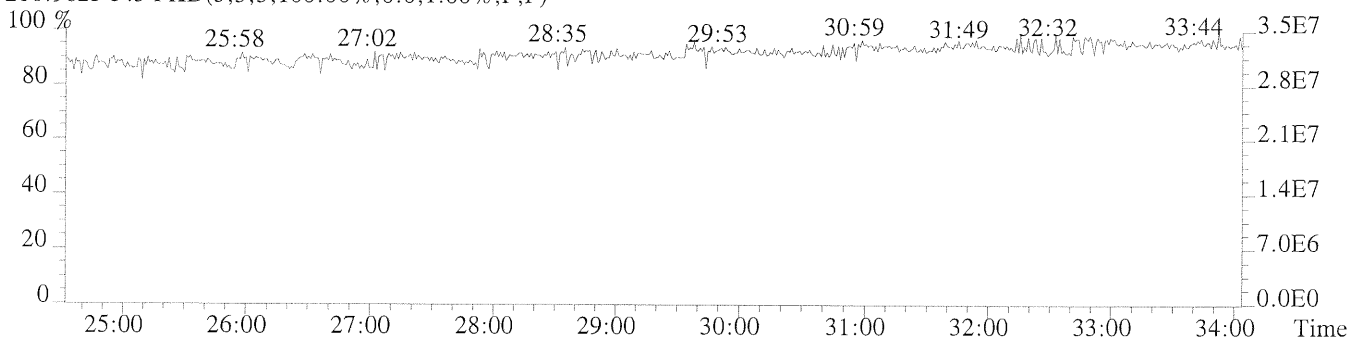
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13668.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7808.0,1.00%,F,T)



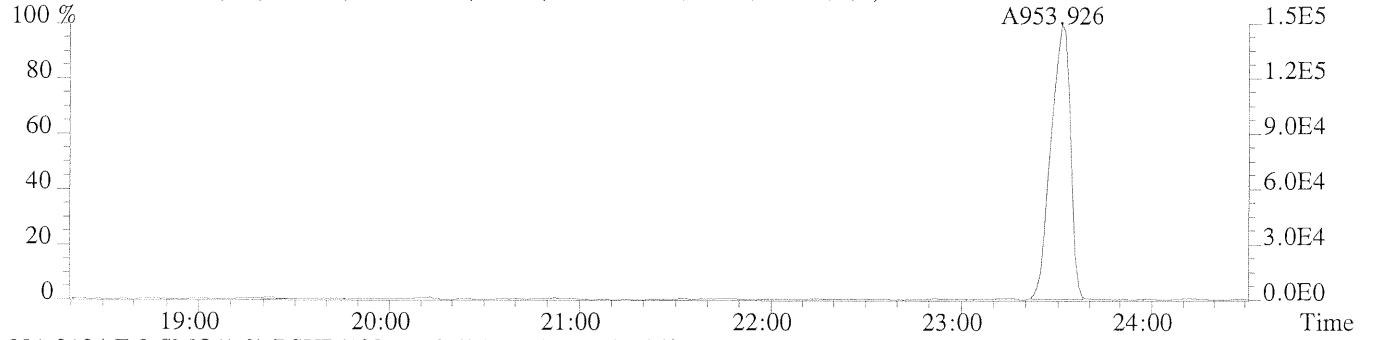
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



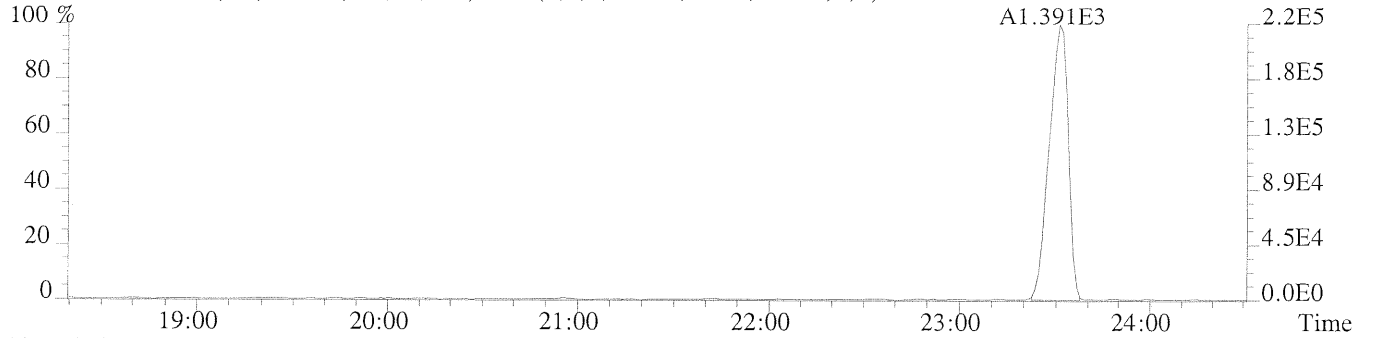
File:U221017 #1-342 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

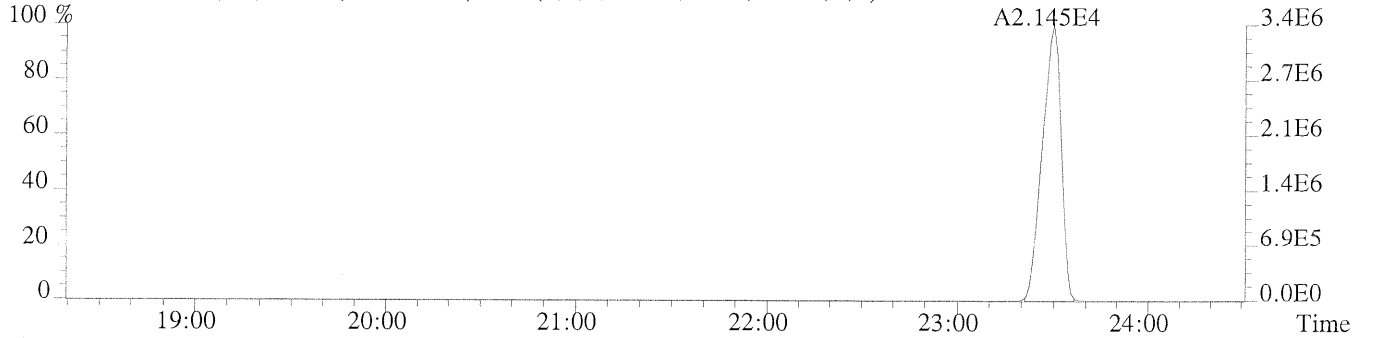
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,720.0,1.00%,F,T)



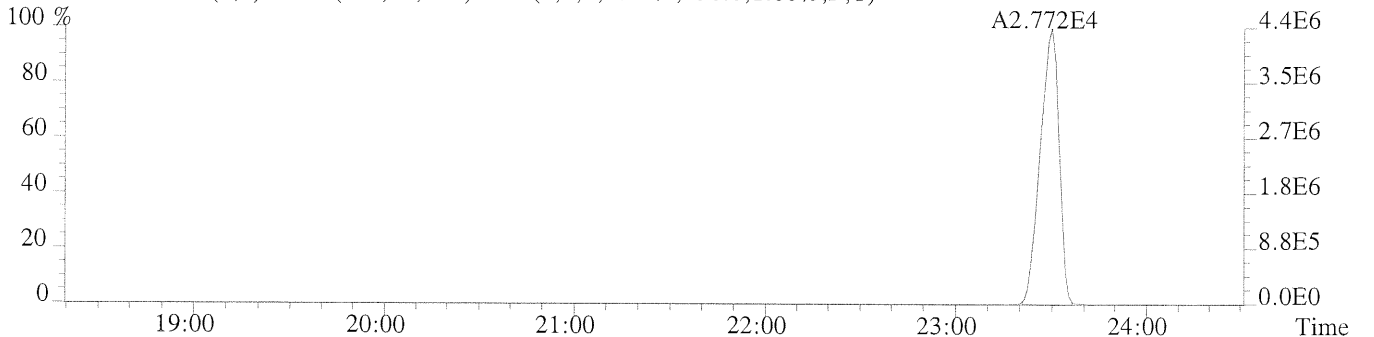
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,840.0,1.00%,F,T)



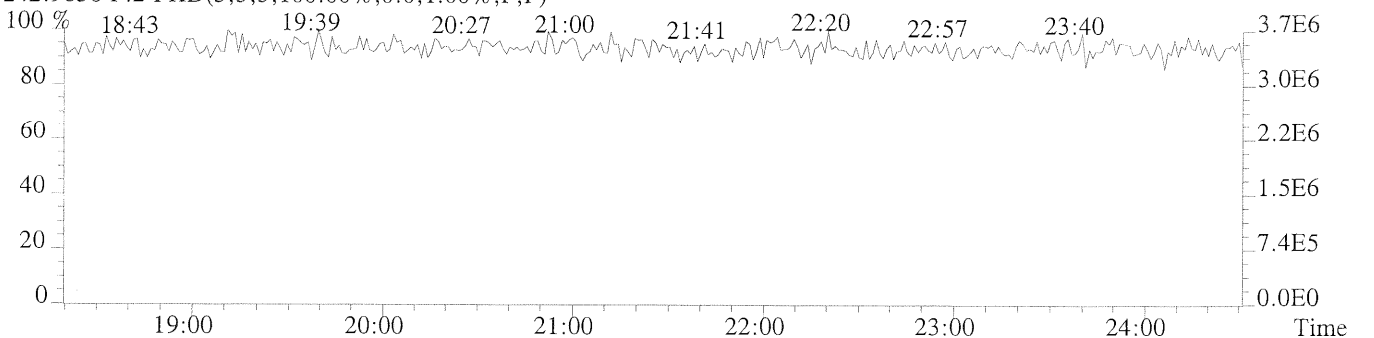
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,736.0,1.00%,F,T)



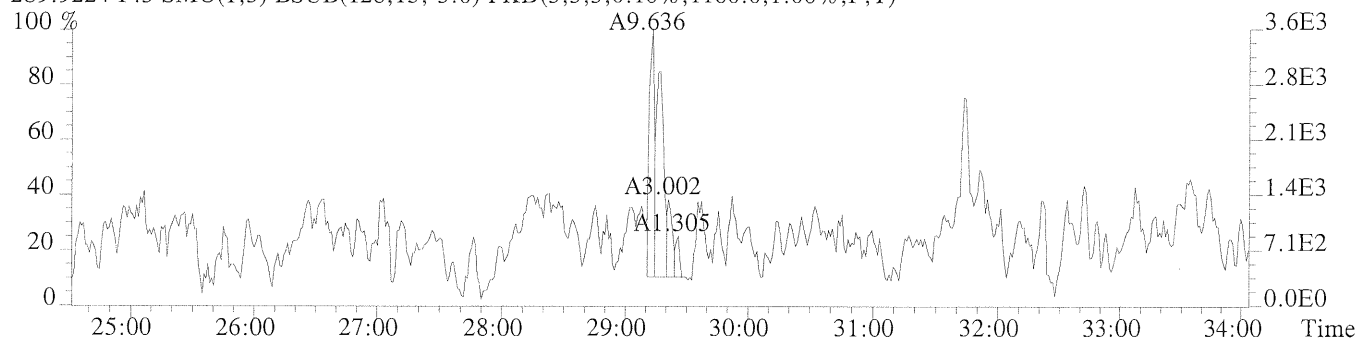
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



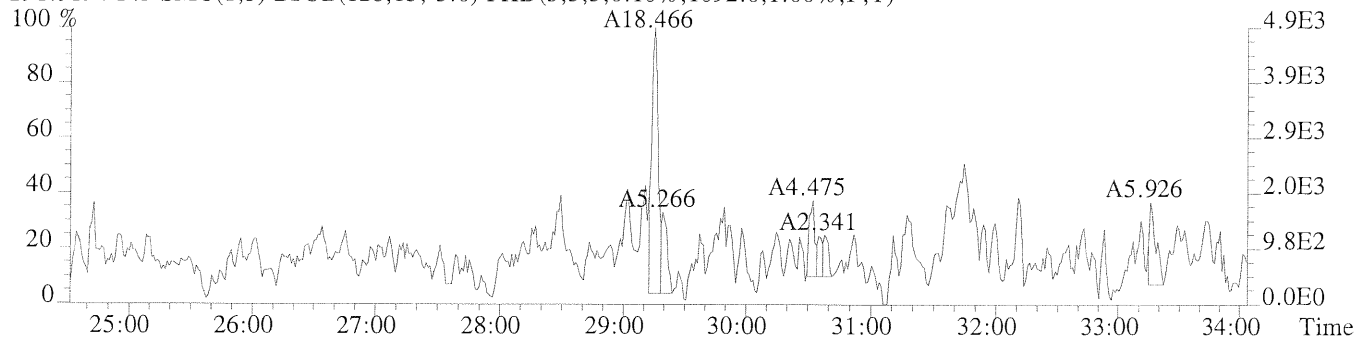
File:U221017 #1-610 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

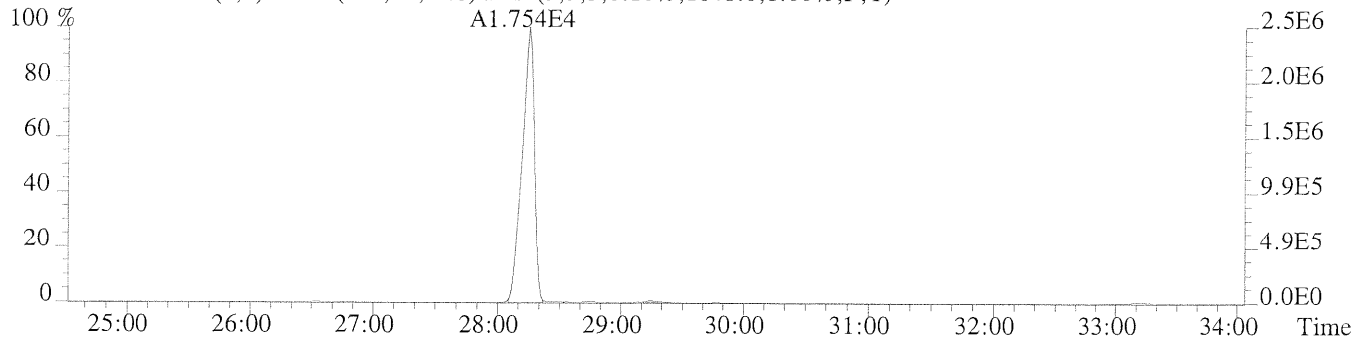
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1160.0,1.00%,F,T)



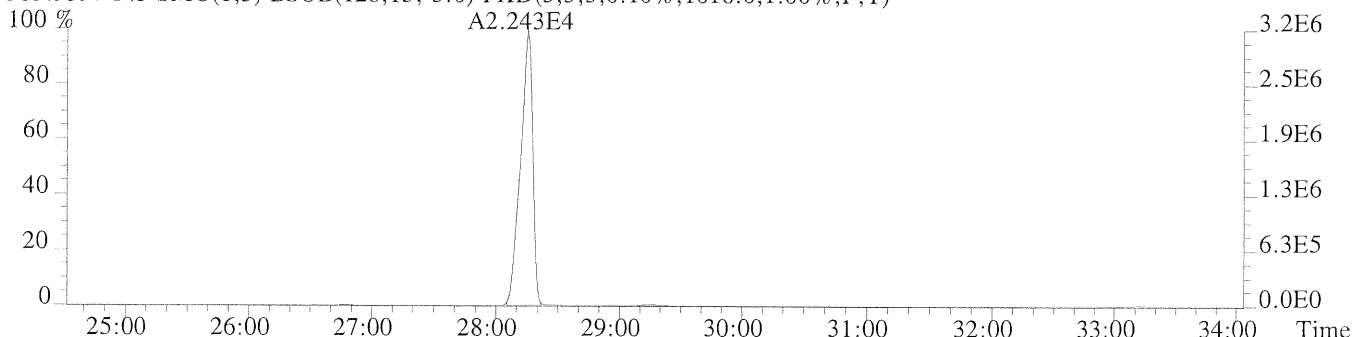
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1092.0,1.00%,F,T)



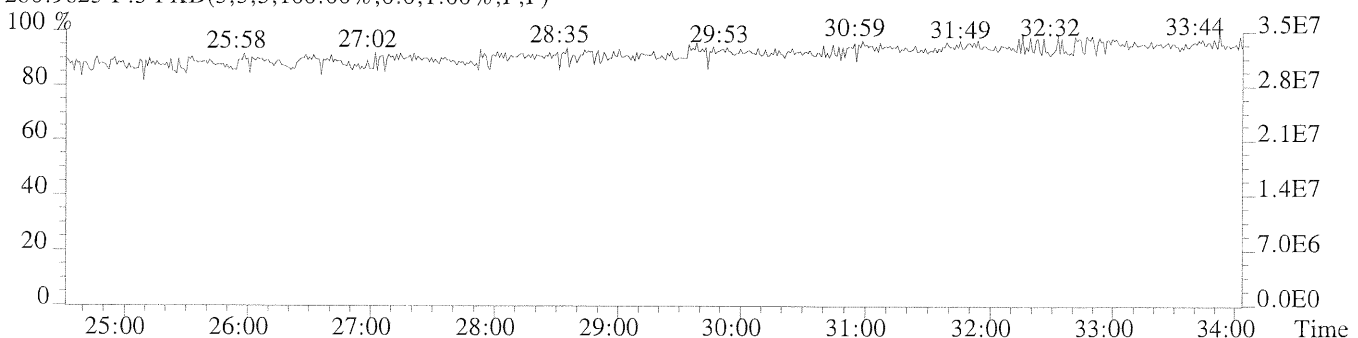
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1048.0,1.00%,F,T)



303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1016.0,1.00%,F,T)



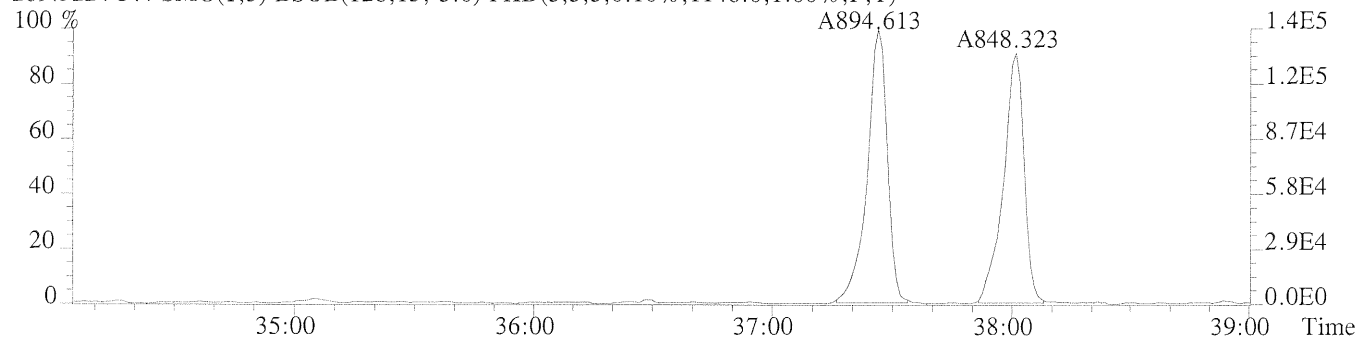
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



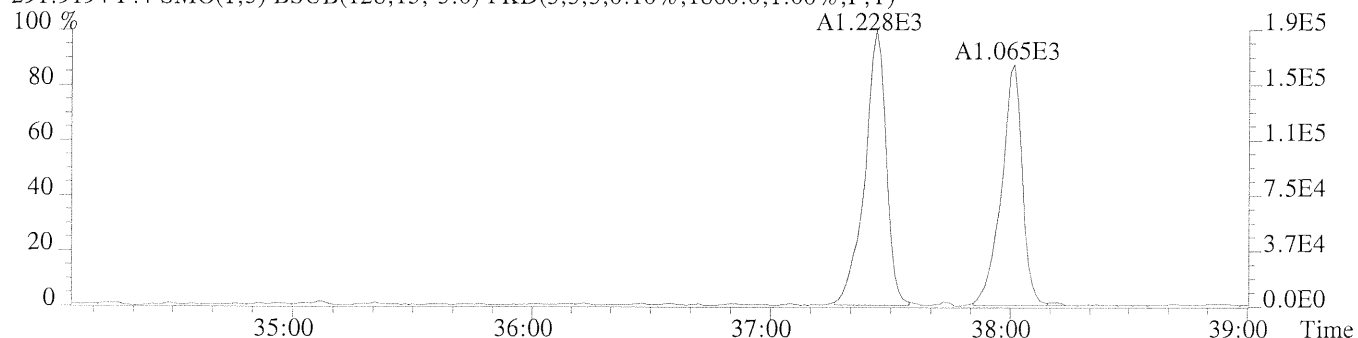
File:U221017 #1-316 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

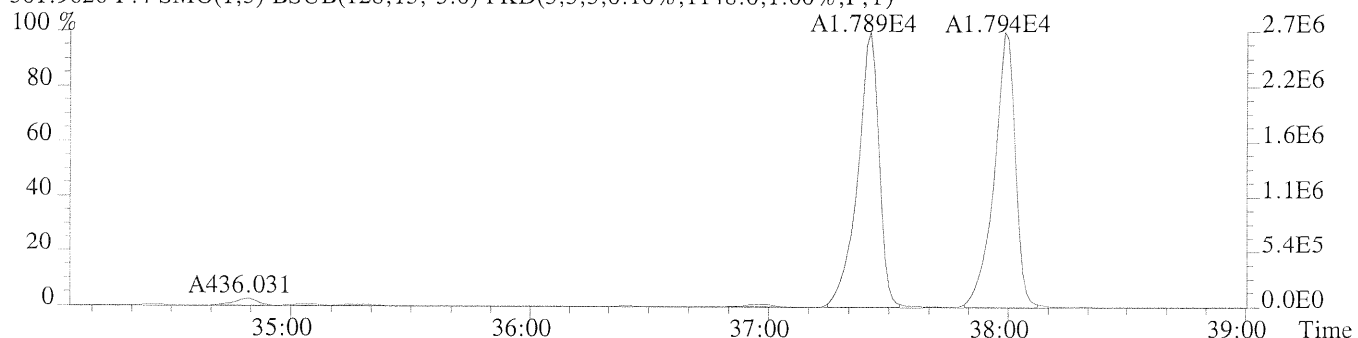
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1148.0,1.00%,F,T)



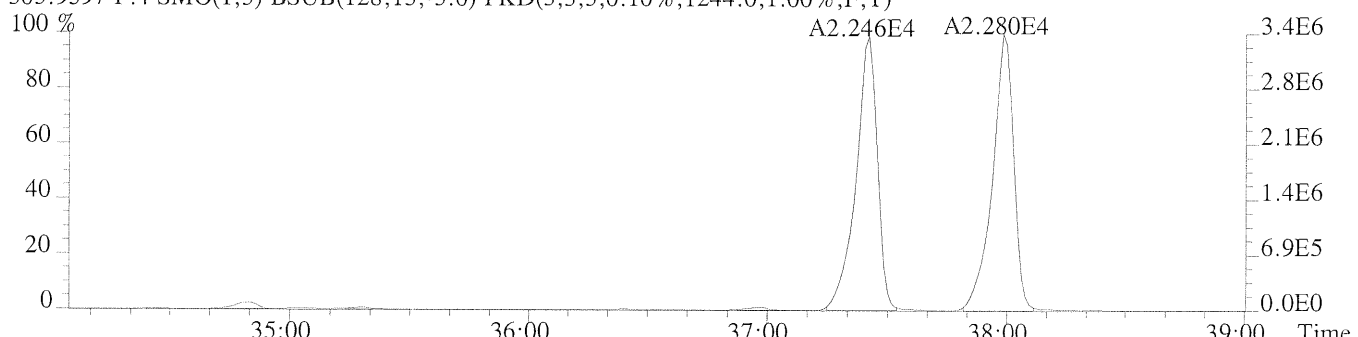
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1860.0,1.00%,F,T)



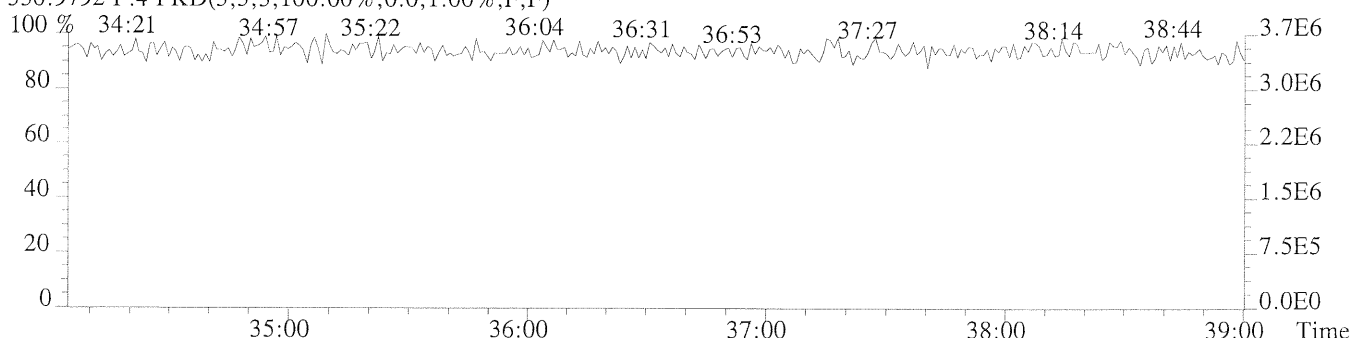
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1148.0,1.00%,F,T)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1244.0,1.00%,F,T)



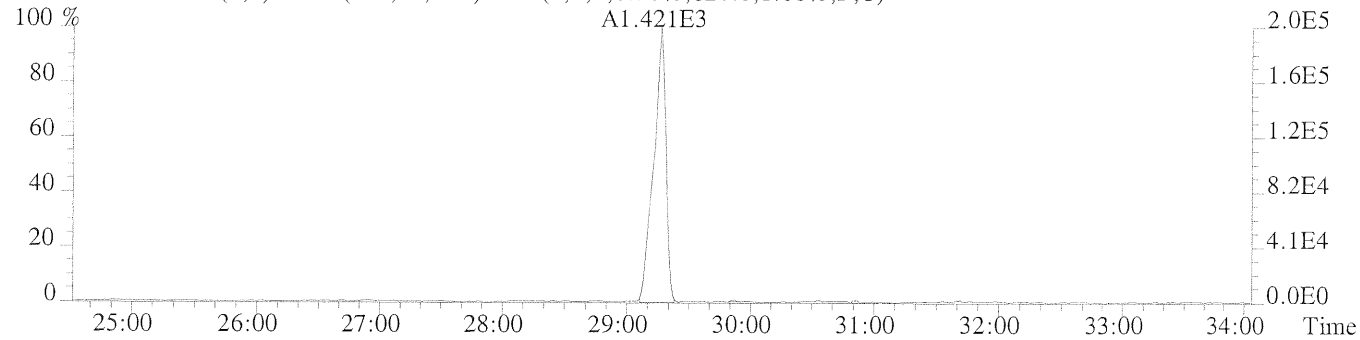
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



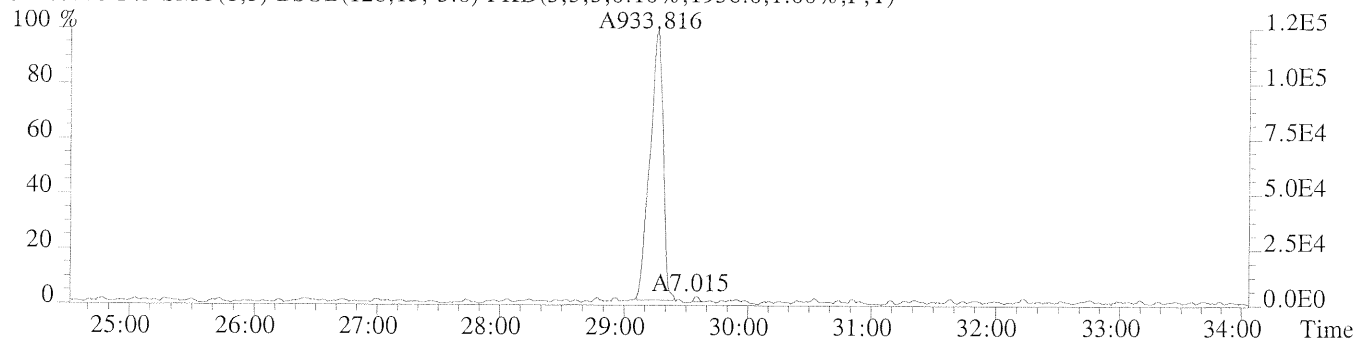
File:U221017 #1-610 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

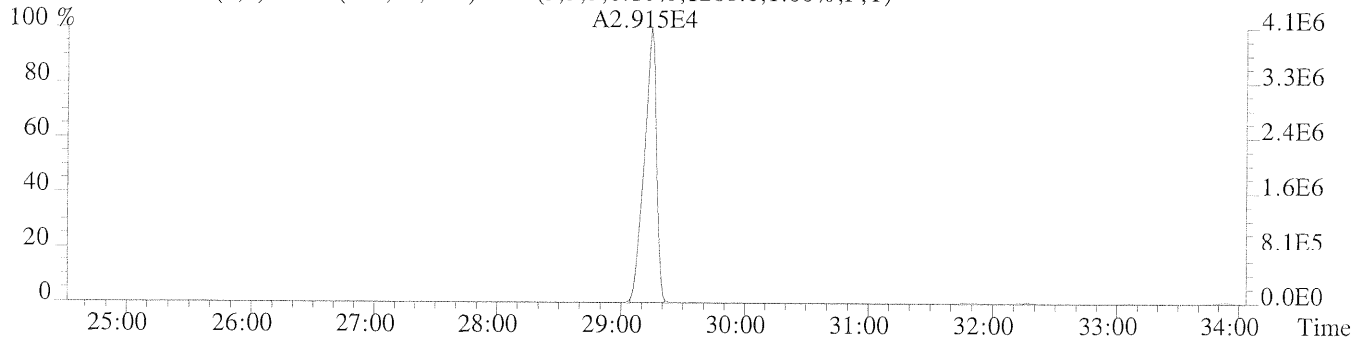
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,820.0,1.00%,F,T)



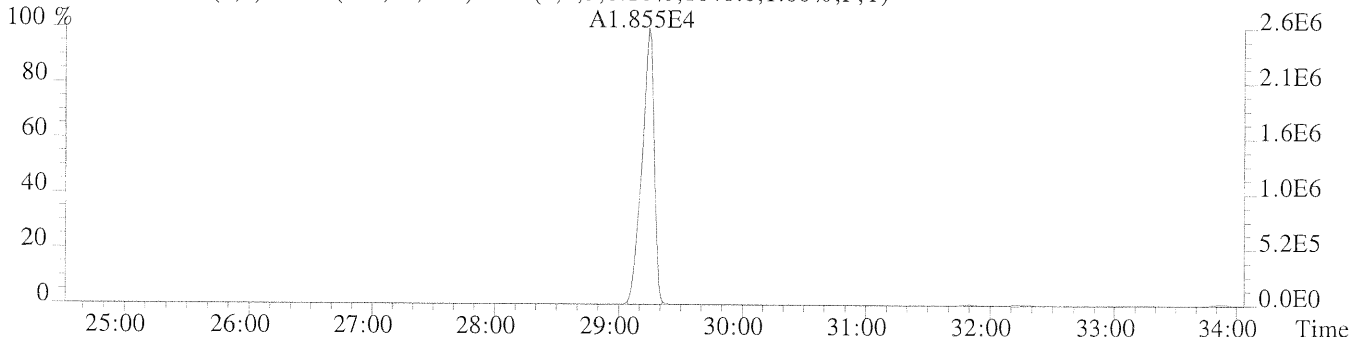
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1936.0,1.00%,F,T)



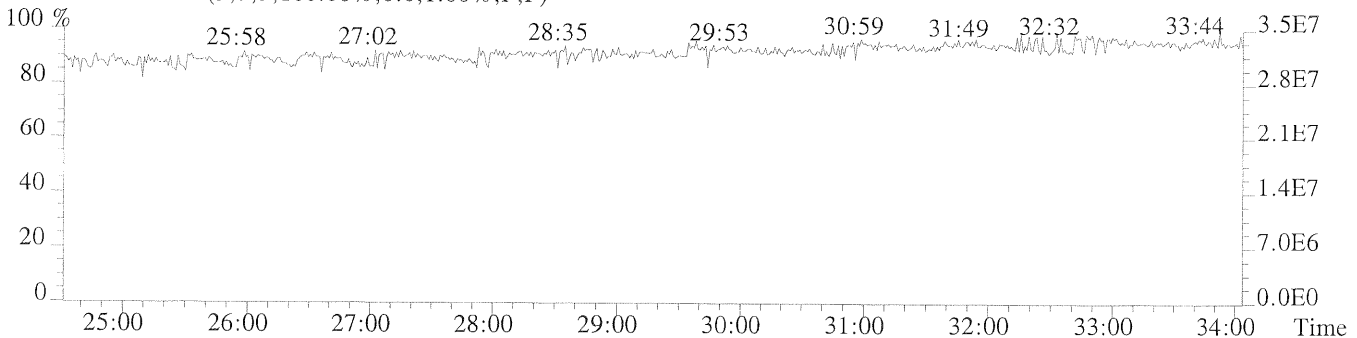
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1268.0,1.00%,F,T)



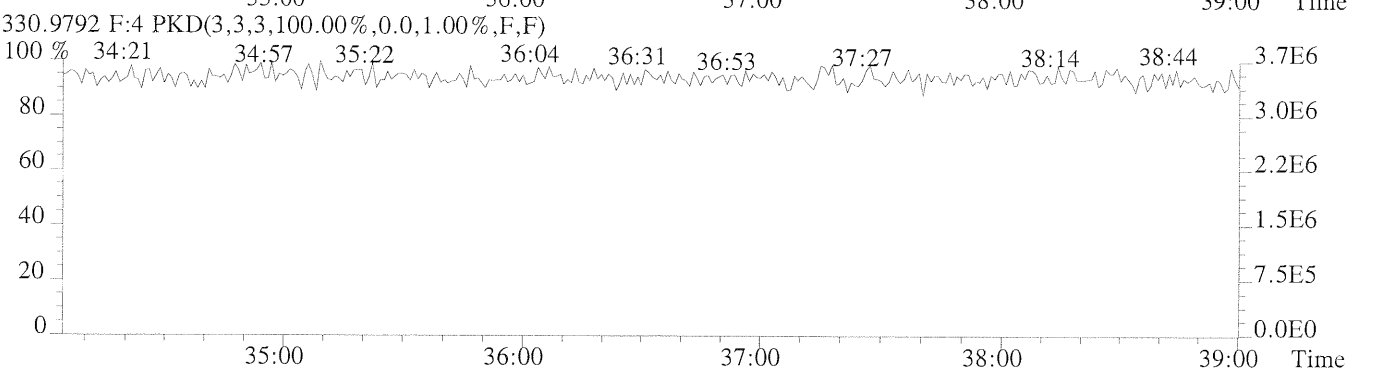
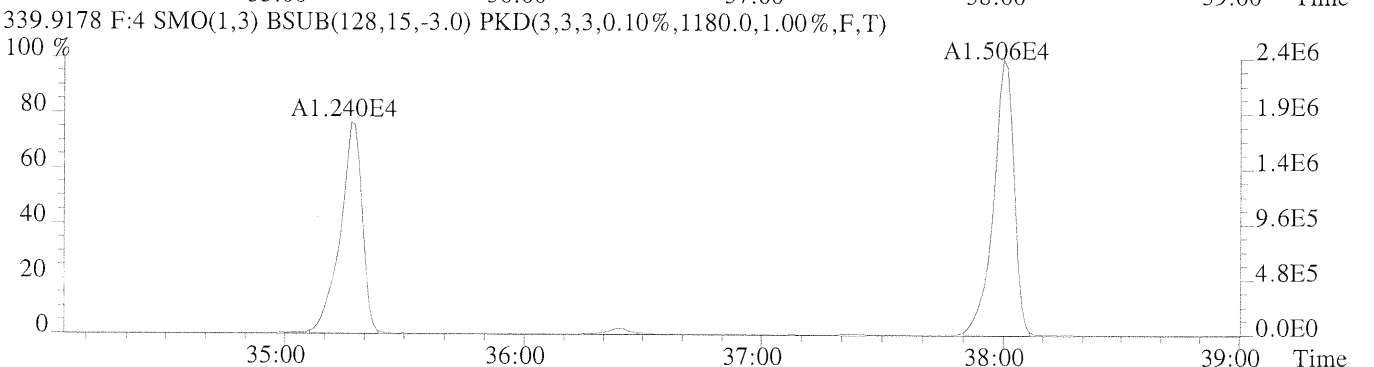
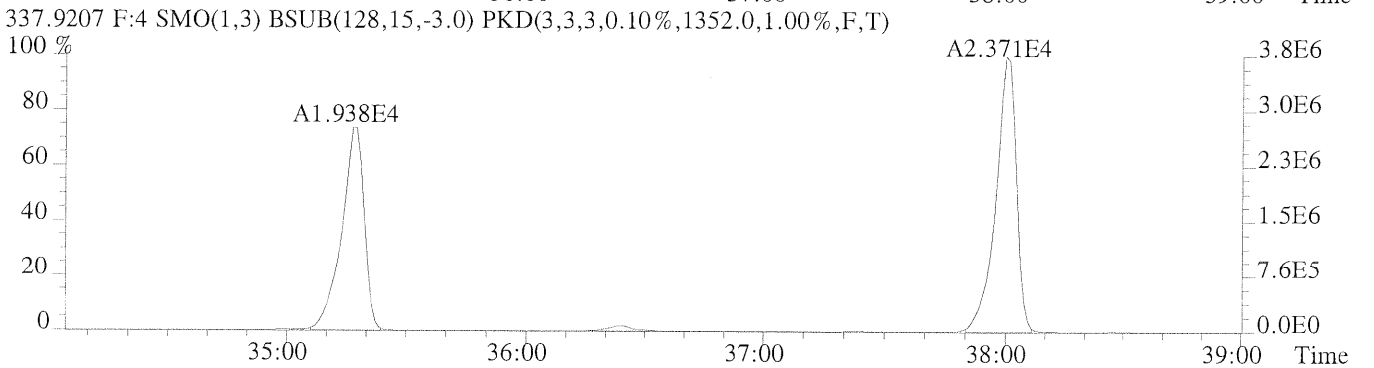
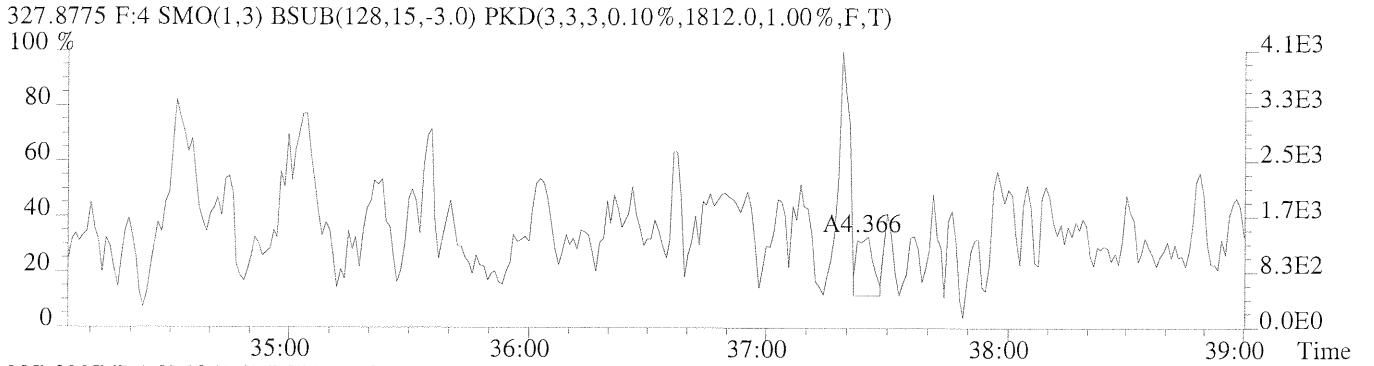
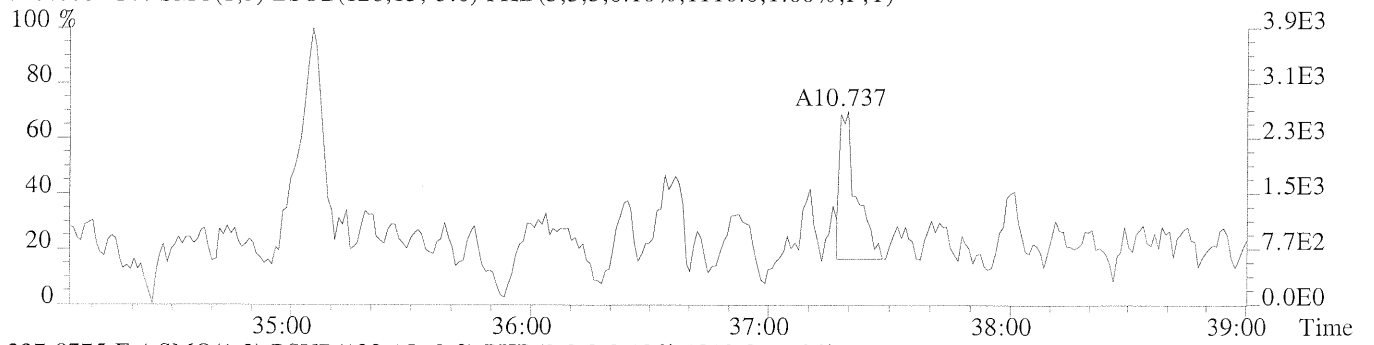
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1048.0,1.00%,F,T)



280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



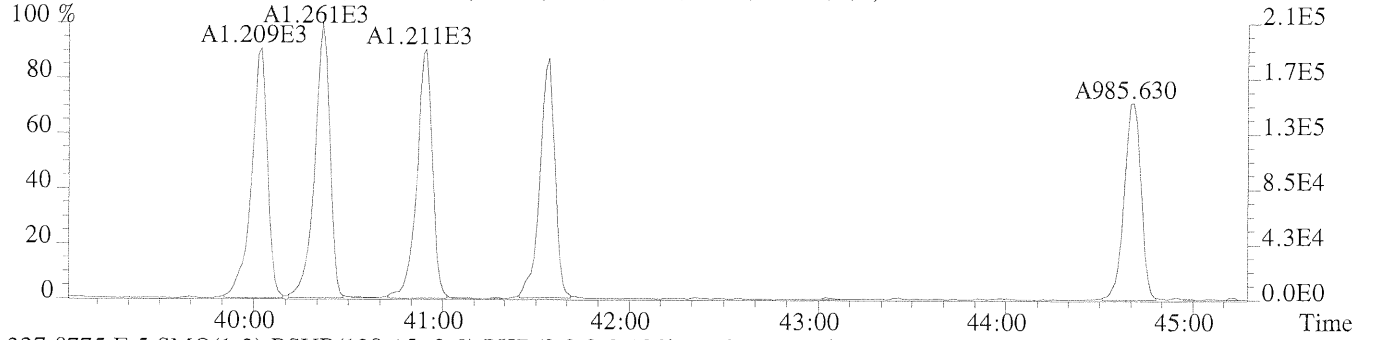
File:U221017 #1-316 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS2
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1116.0,1.00%,F,T)



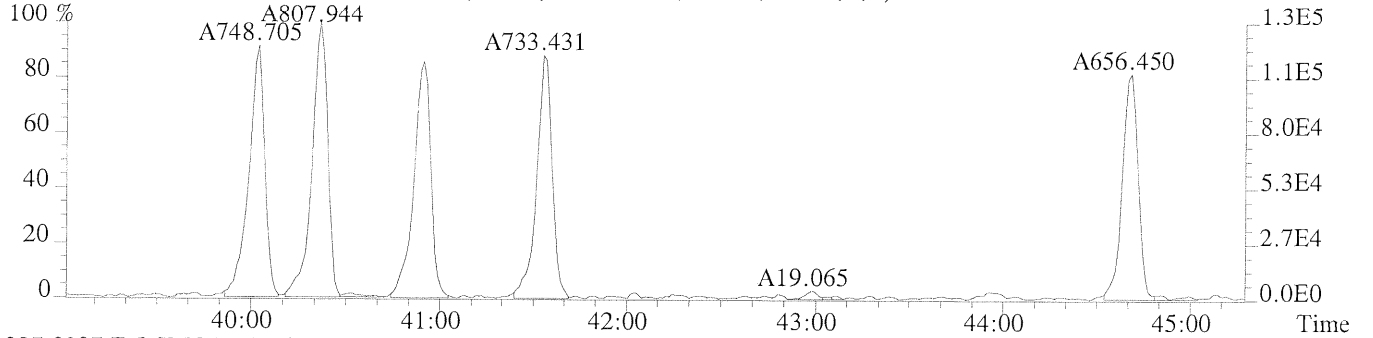
File:U221017 #1-402 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

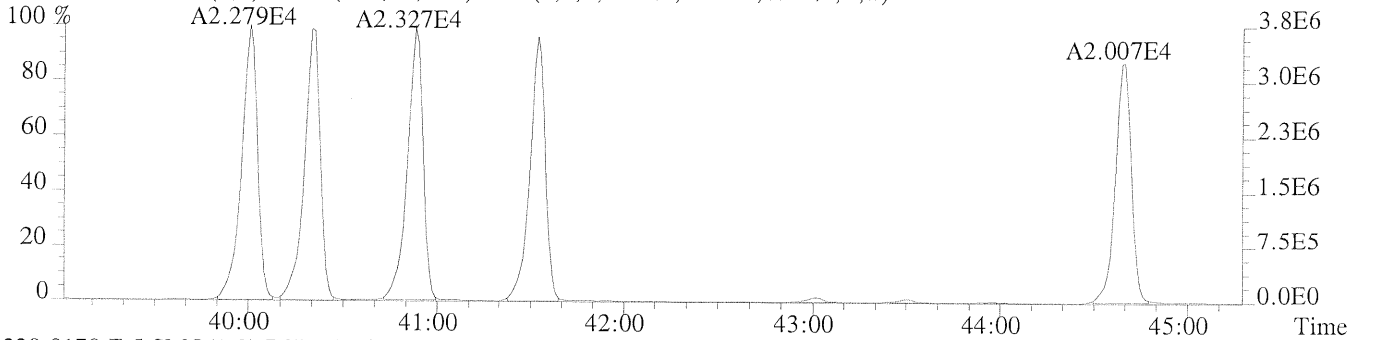
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,860.0,1.00%,F,T)



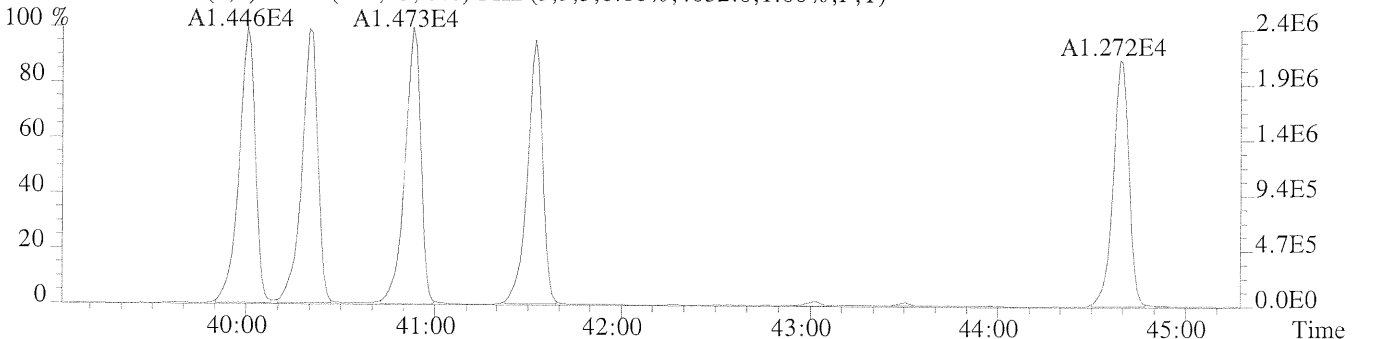
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1512.0,1.00%,F,T)



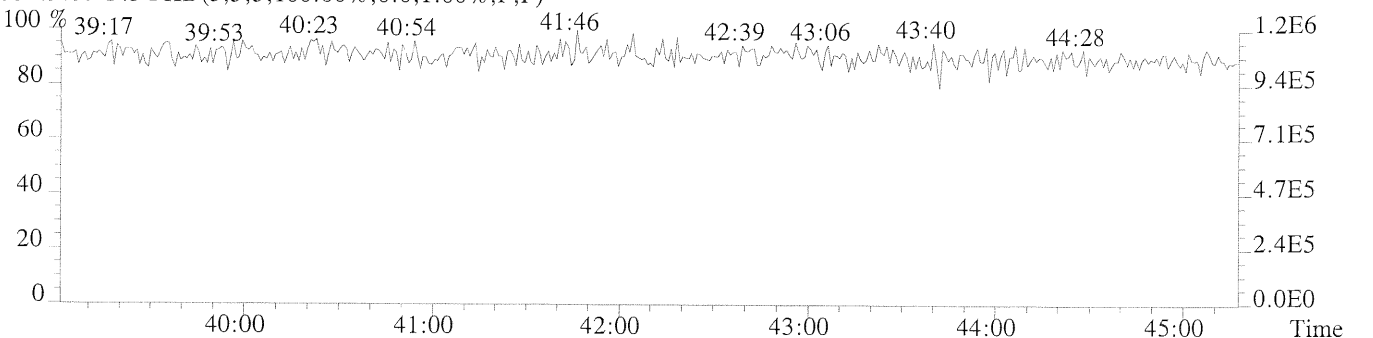
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4560.0,1.00%,F,T)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4052.0,1.00%,F,T)



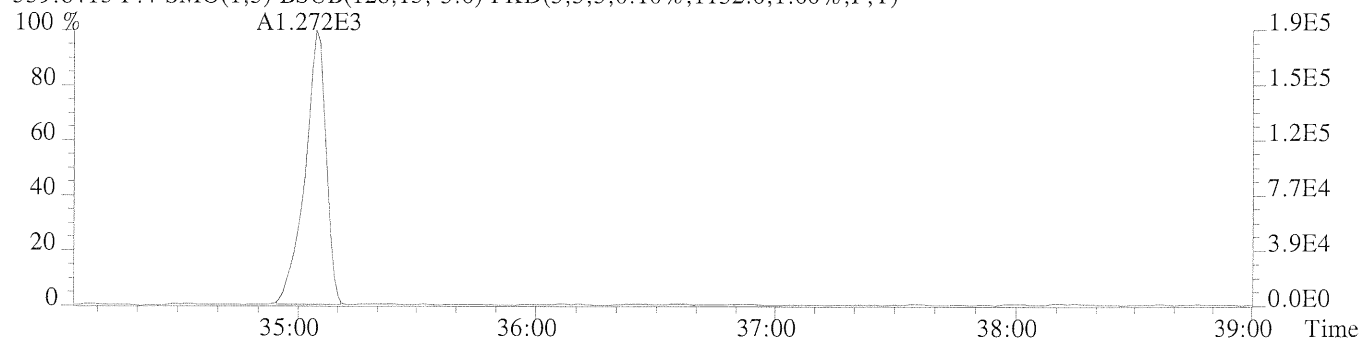
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



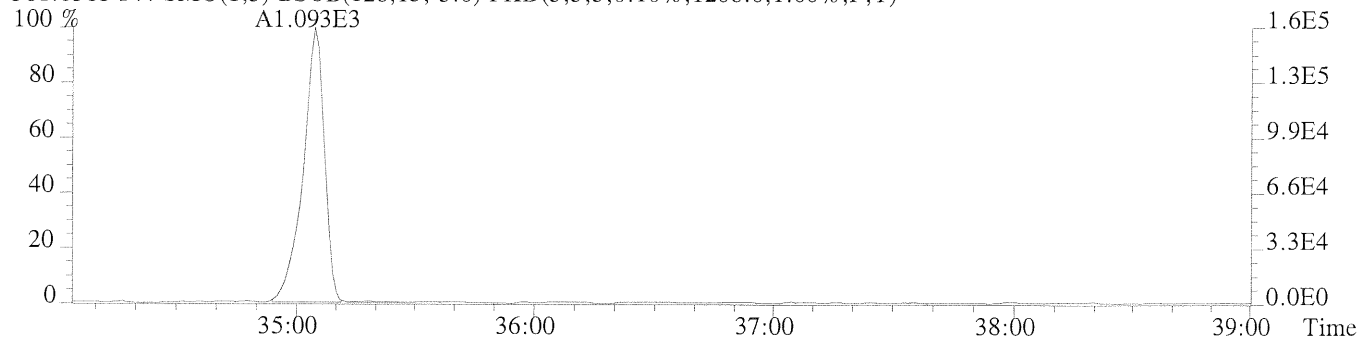
File:U221017 #1-316 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

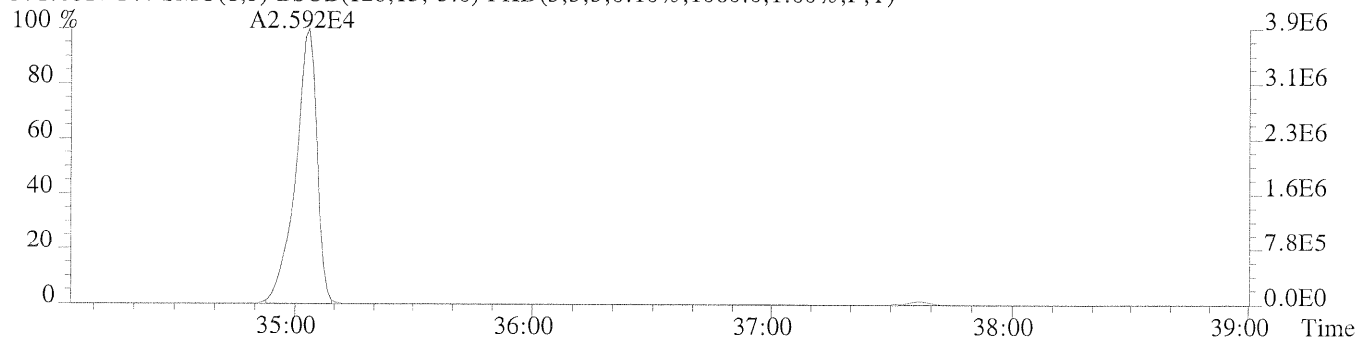
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1132.0,1.00%,F,T)



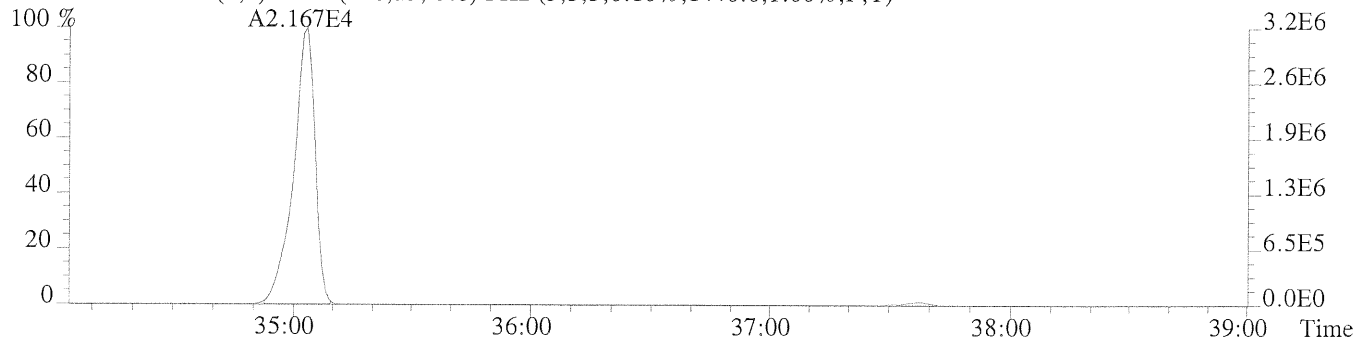
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1208.0,1.00%,F,T)



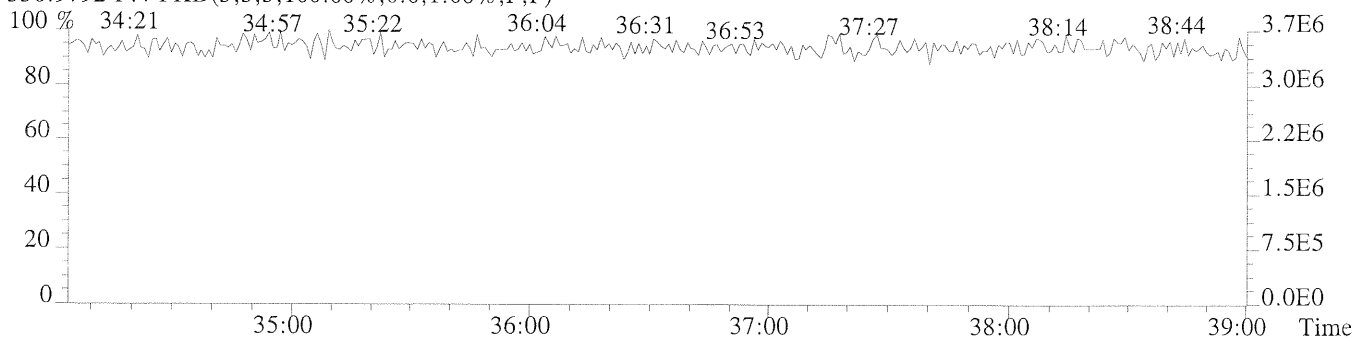
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1060.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1440.0,1.00%,F,T)



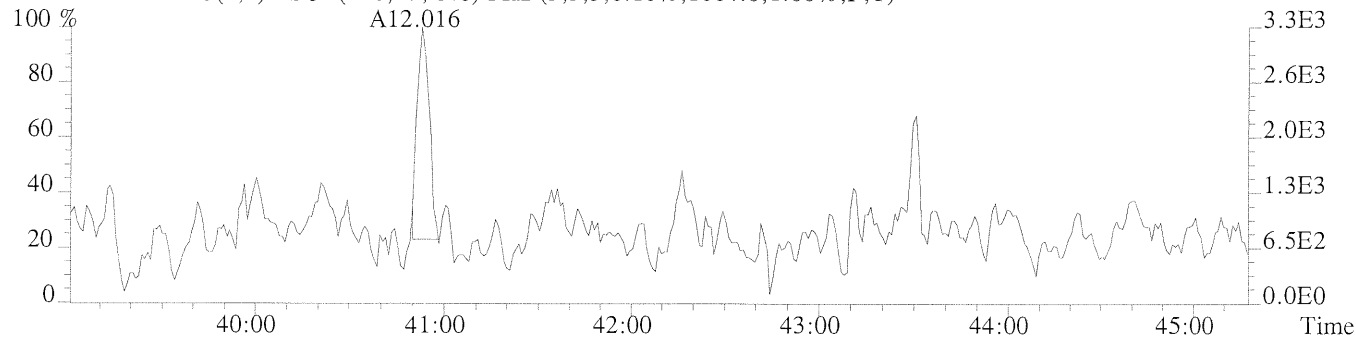
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



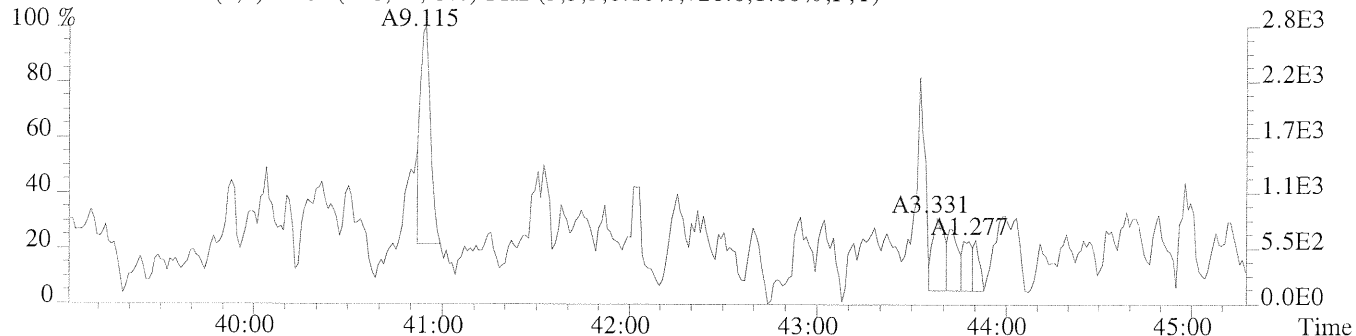
File:U221017 #1-402 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

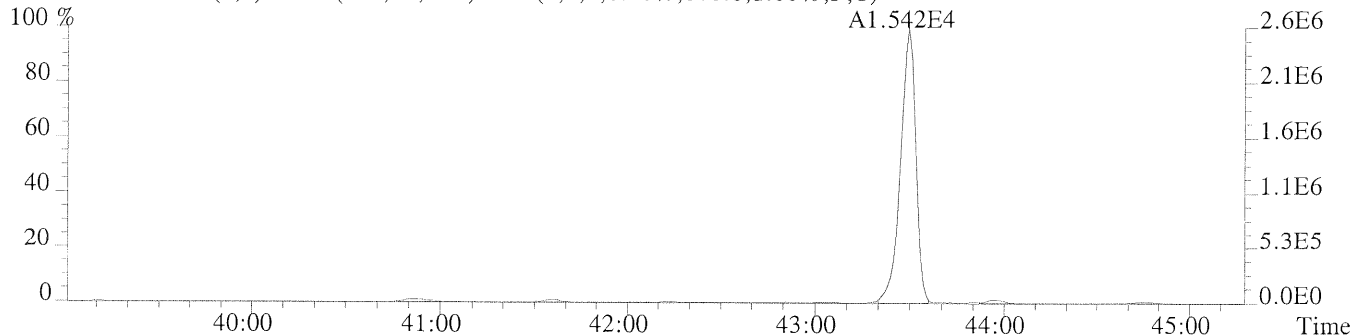
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1064.0,1.00%,F,T)



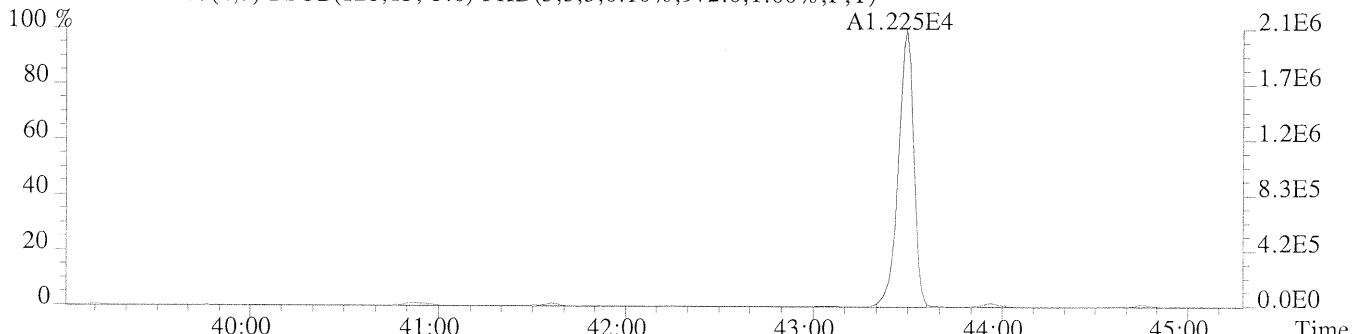
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,728.0,1.00%,F,T)



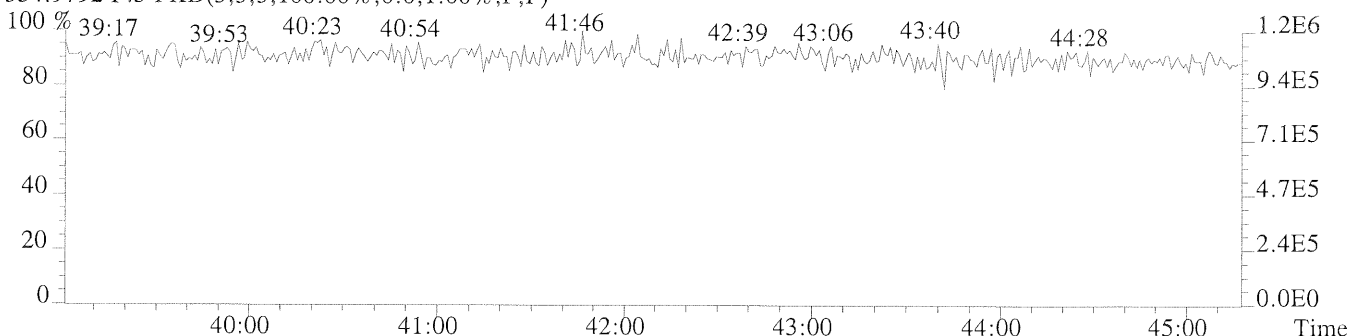
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,868.0,1.00%,F,T)



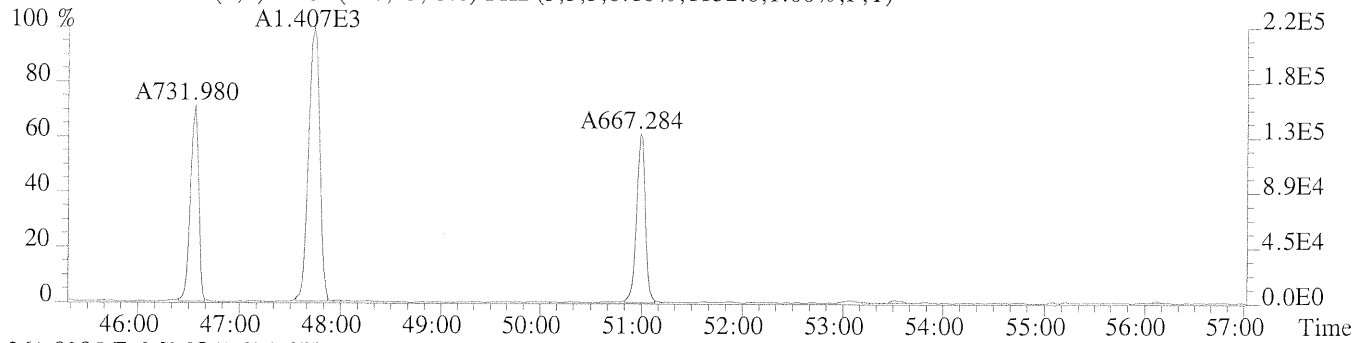
373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,972.0,1.00%,F,T)



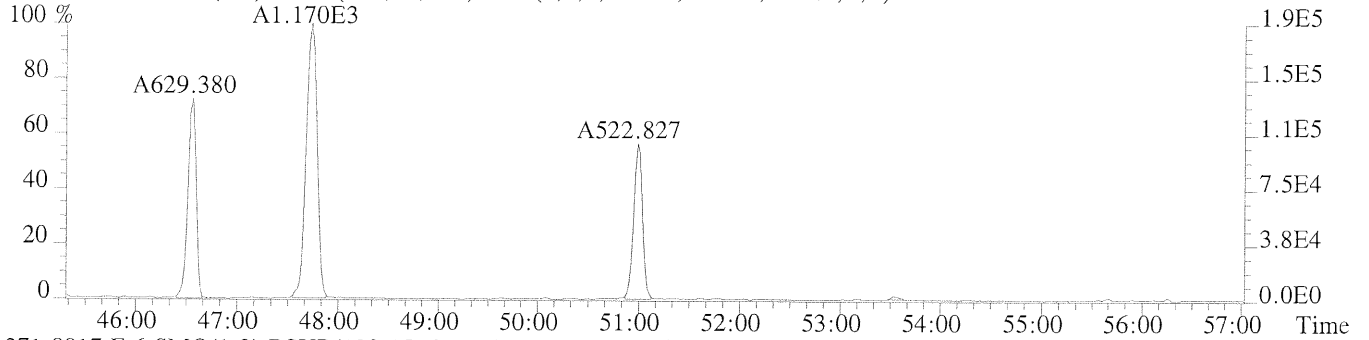
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



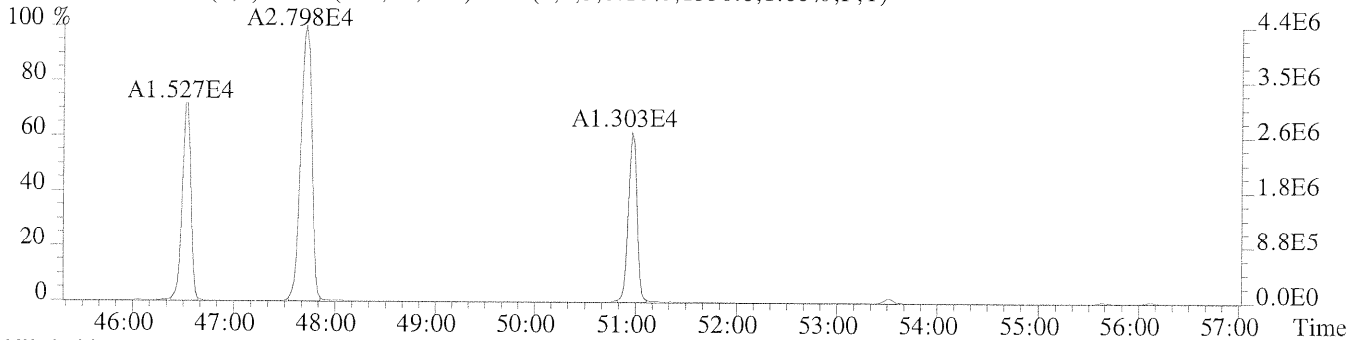
File:U221017 #1-581 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS2
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1152.0,1.00%,F,T)



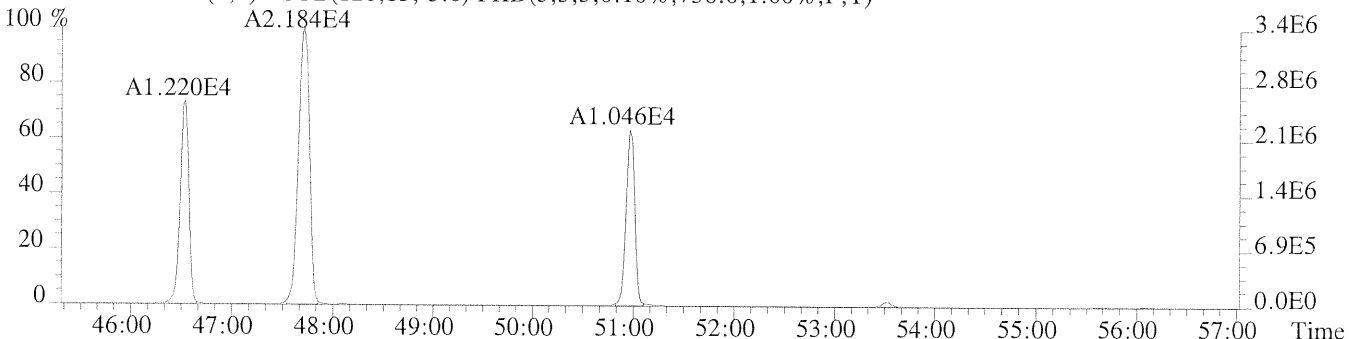
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1160.0,1.00%,F,T)



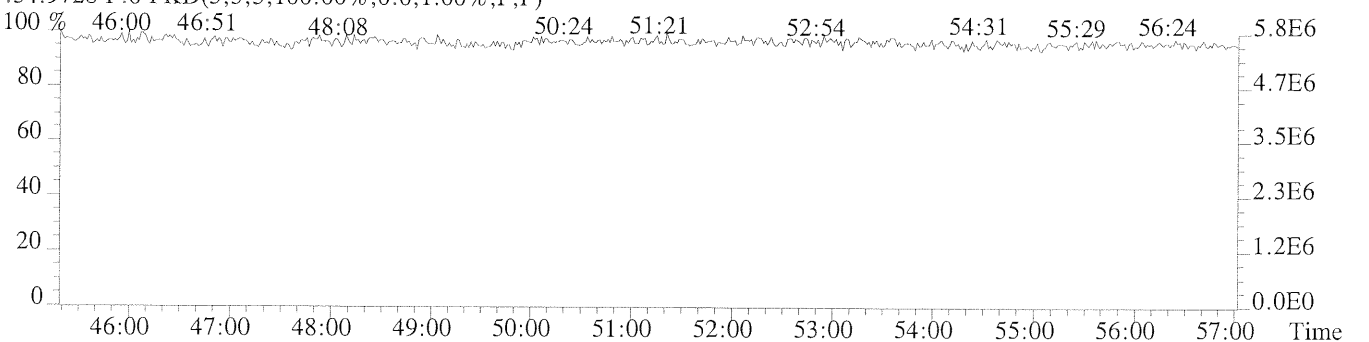
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1336.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,756.0,1.00%,F,T)



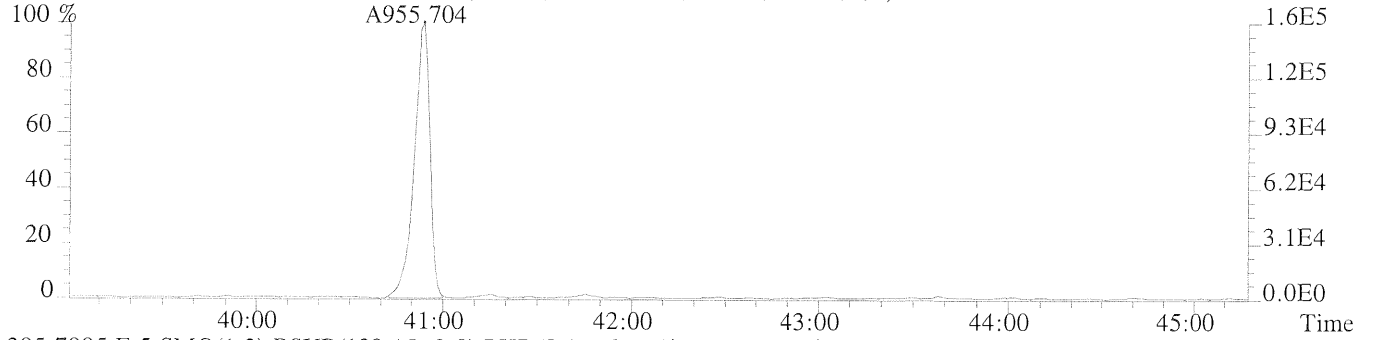
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



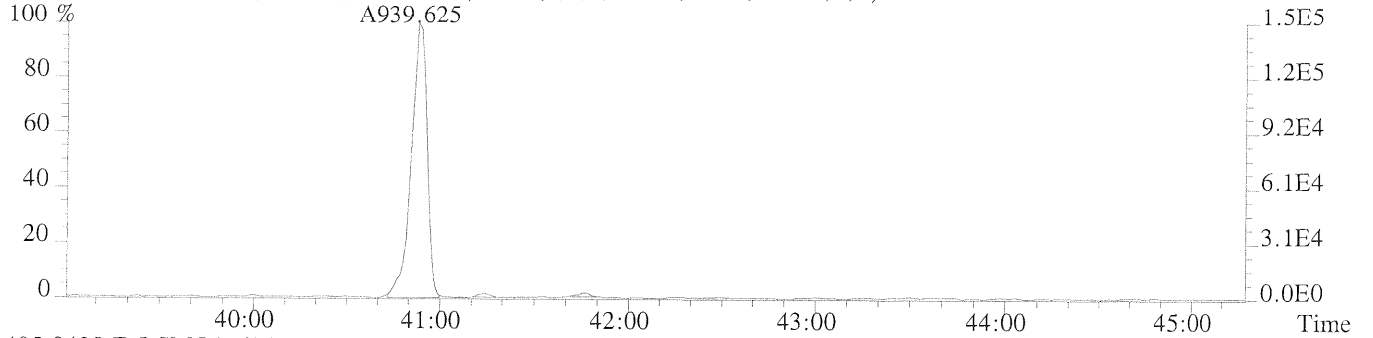
File:U221017 #1-402 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

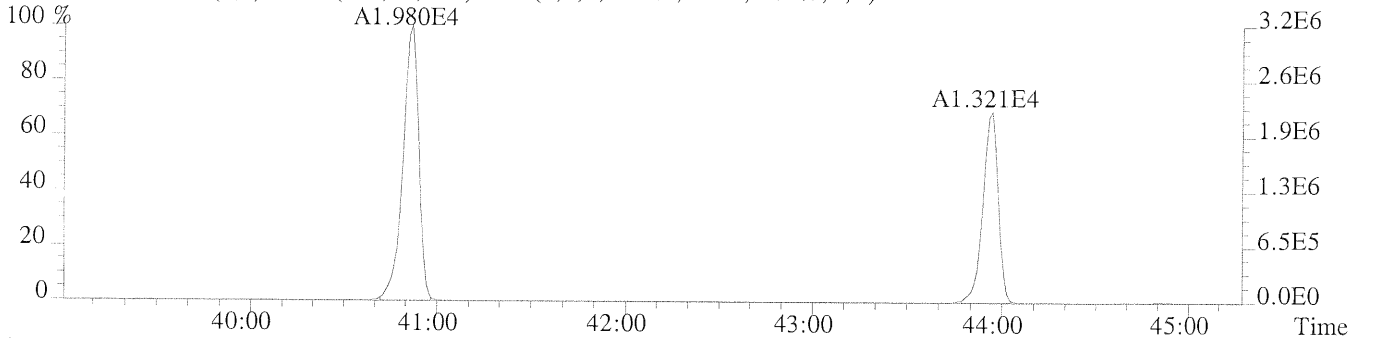
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1180.0,1.00%,F,T)



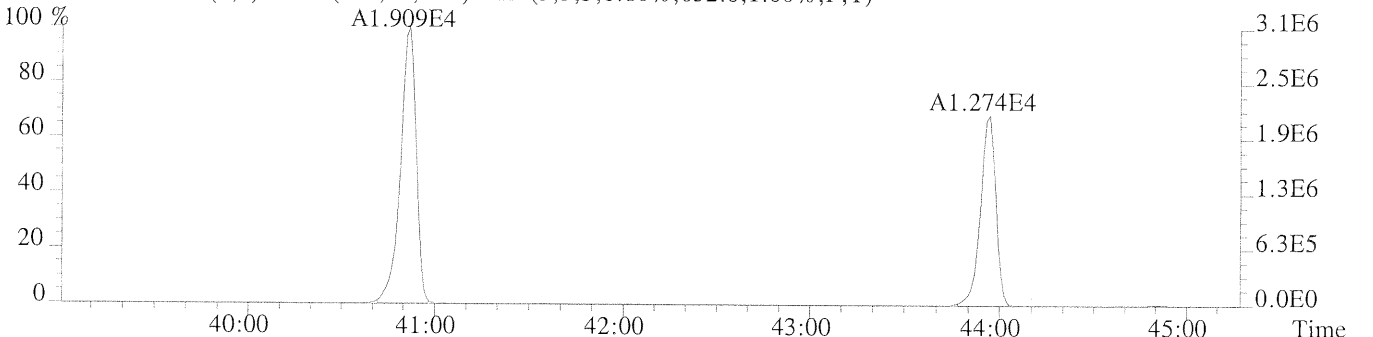
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,904.0,1.00%,F,T)



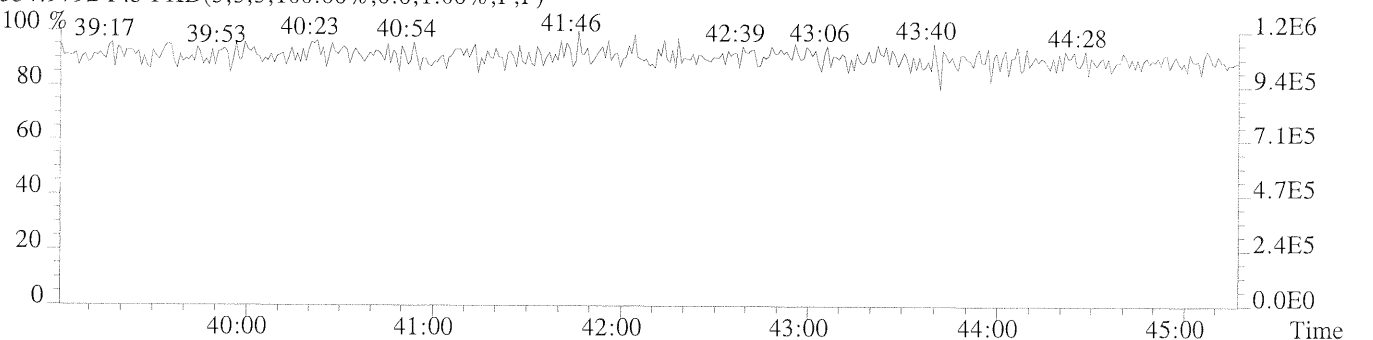
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,736.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,632.0,1.00%,F,T)



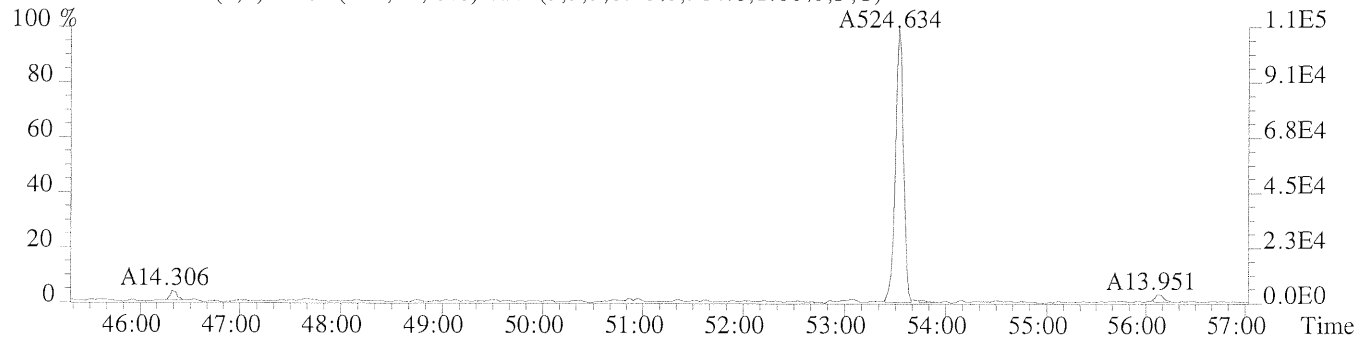
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



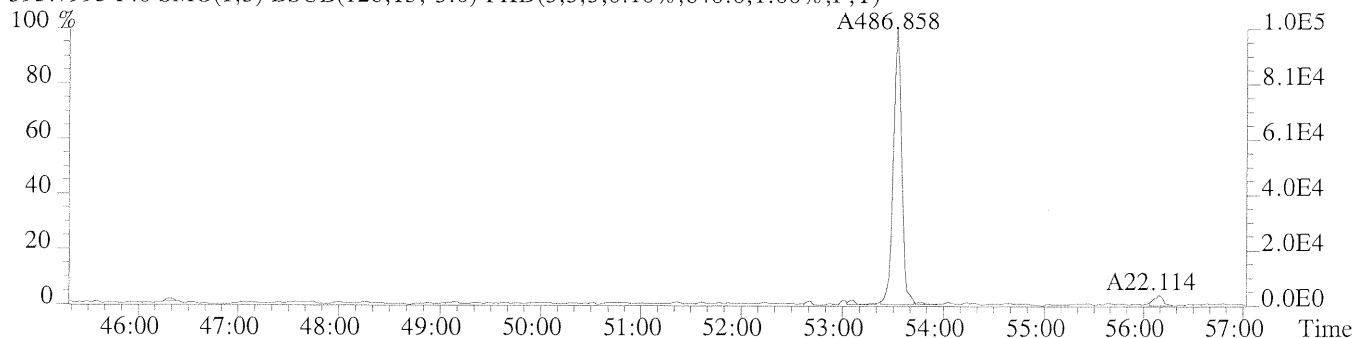
File:U221017 #1-581 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

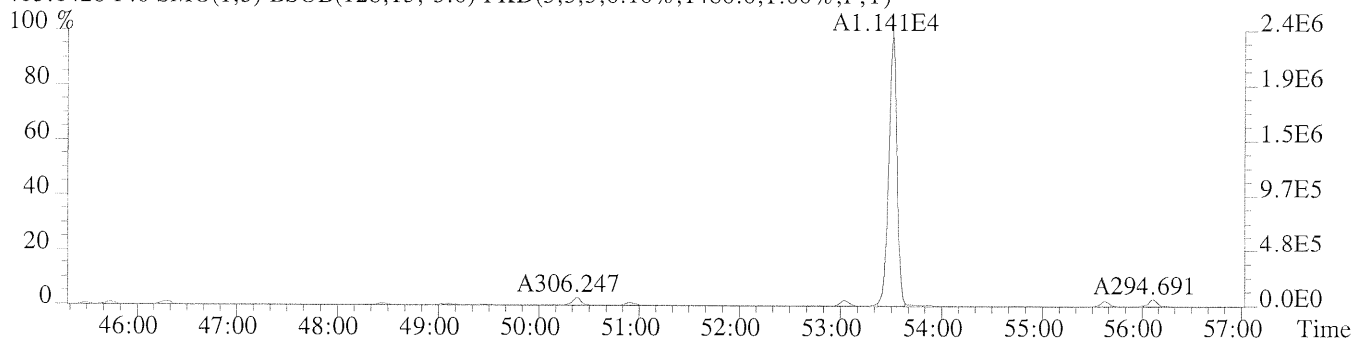
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,984.0,1.00%,F,T)



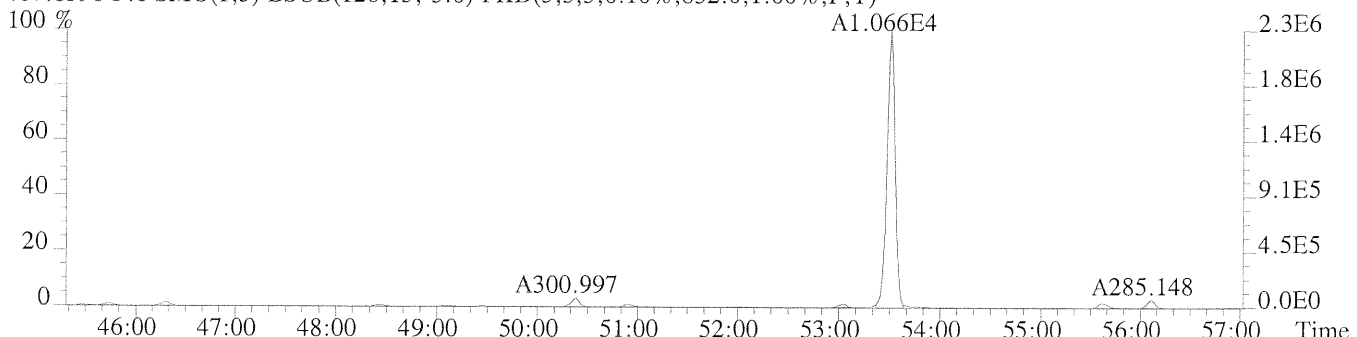
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,840.0,1.00%,F,T)



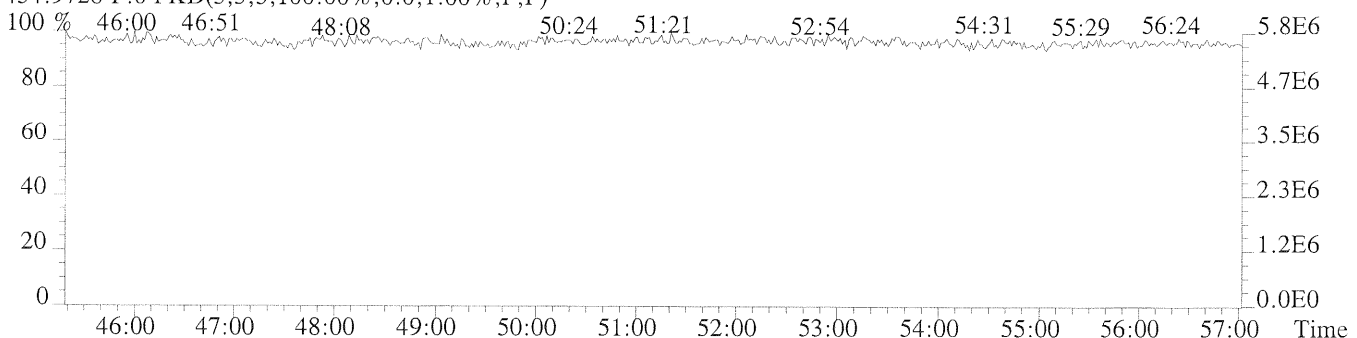
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1480.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,832.0,1.00%,F,T)



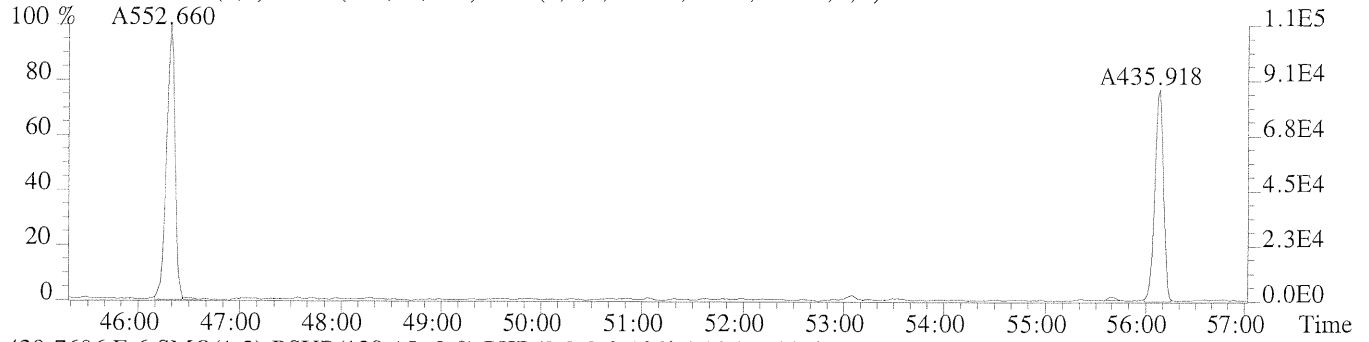
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



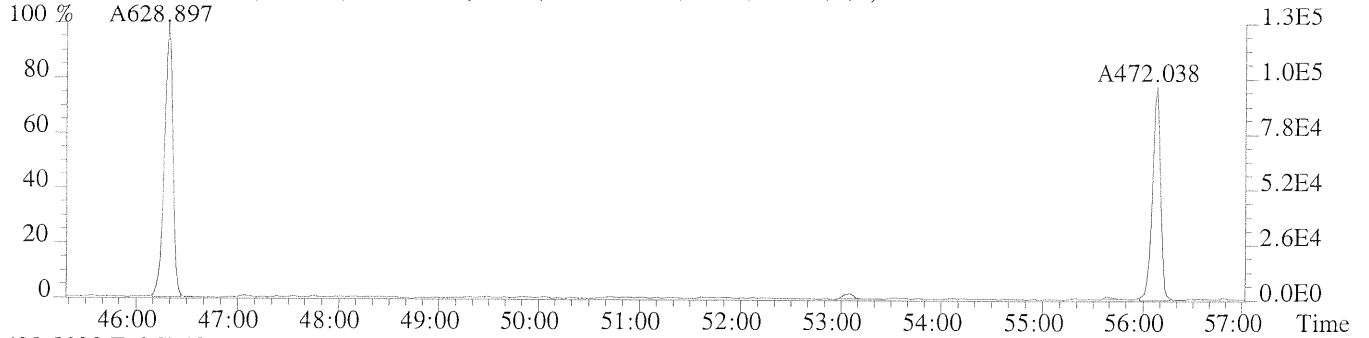
File:U221017 #1-581 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

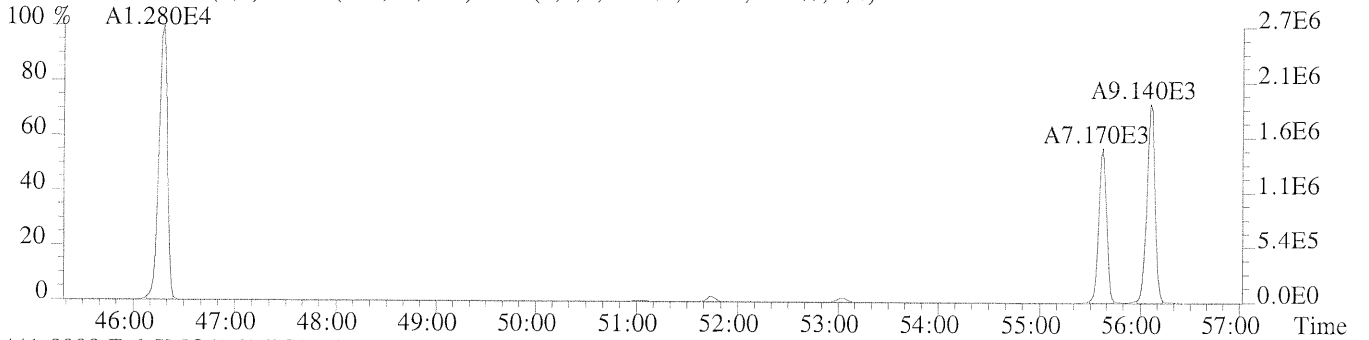
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,904.0,1.00%,F,T)



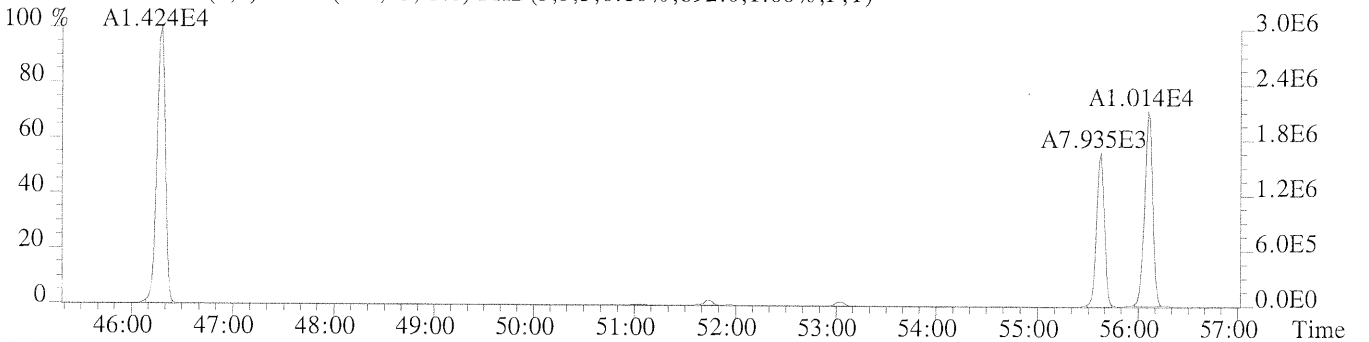
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,856.0,1.00%,F,T)



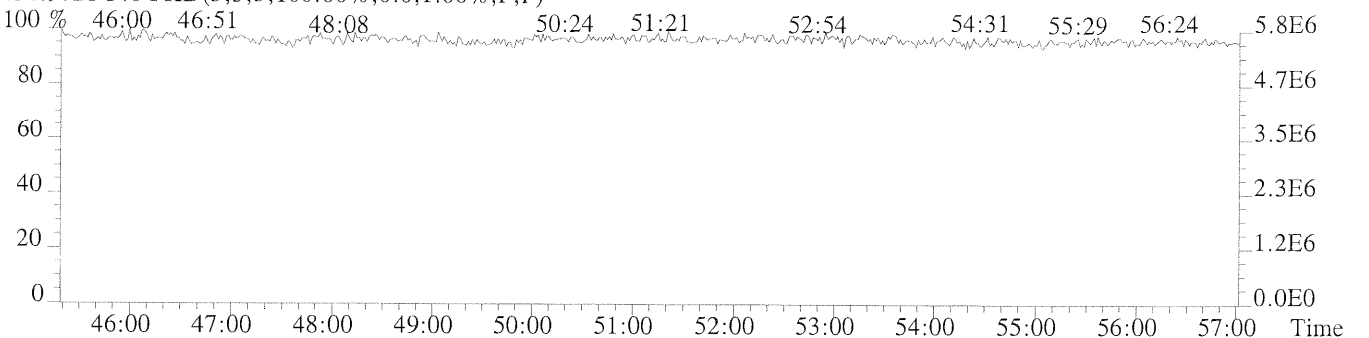
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,916.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,T)

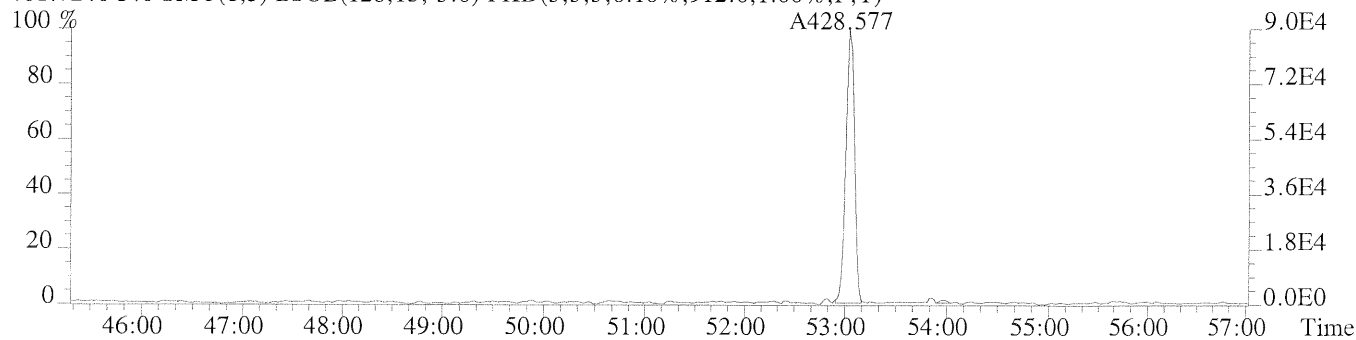


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

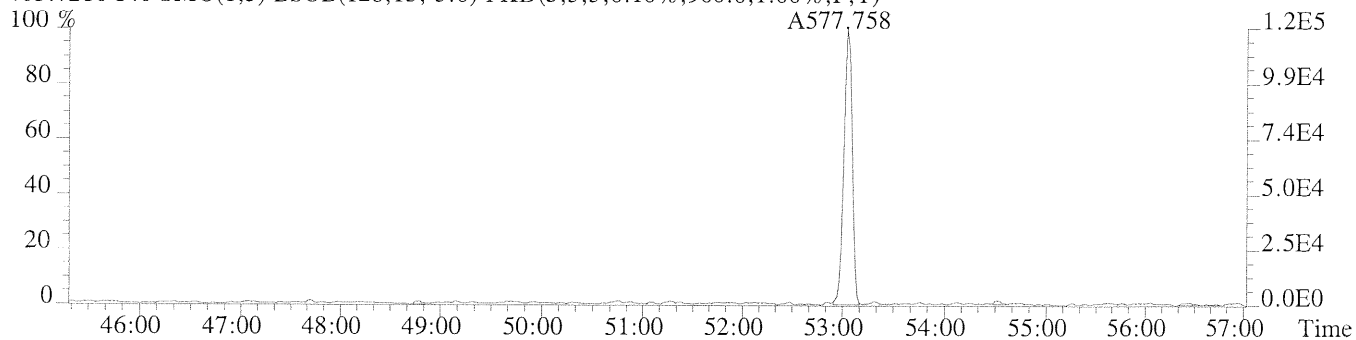


Sample#1 Exp:ICAL CS2

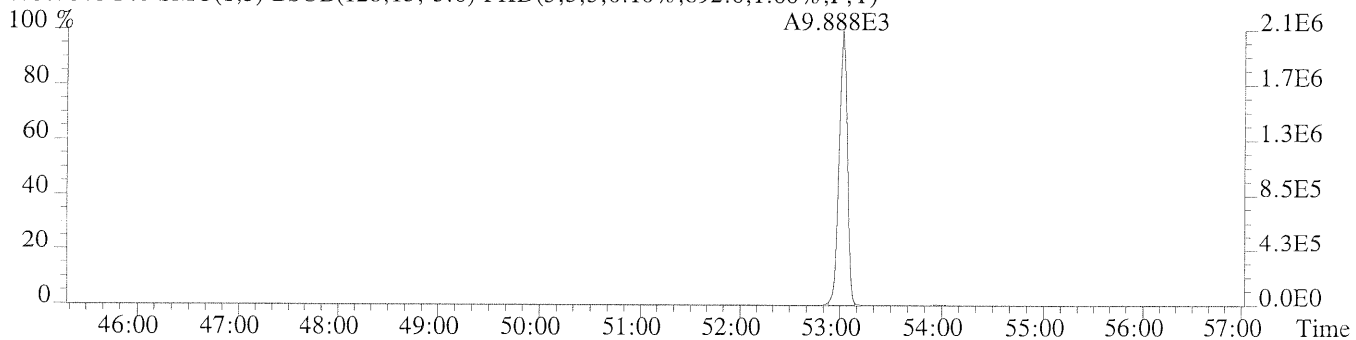
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,912.0,1.00%,F,T)



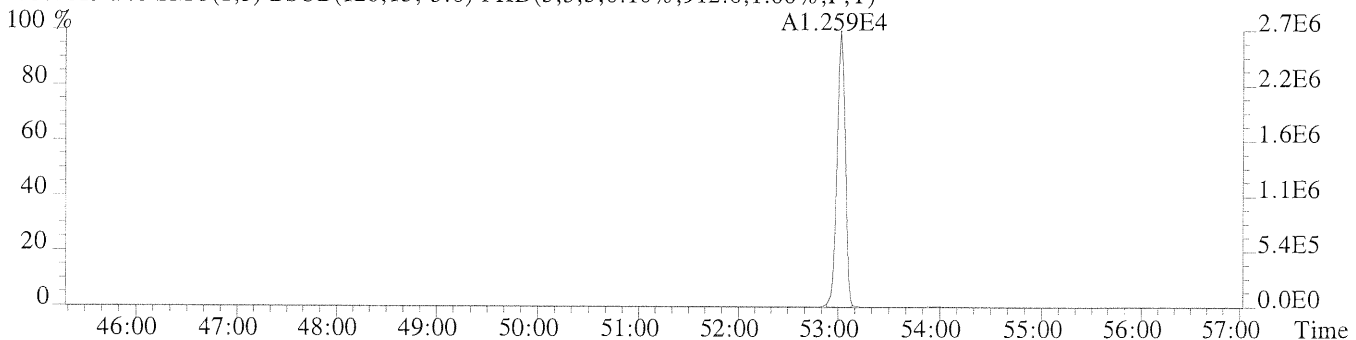
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,960.0,1.00%,F,T)



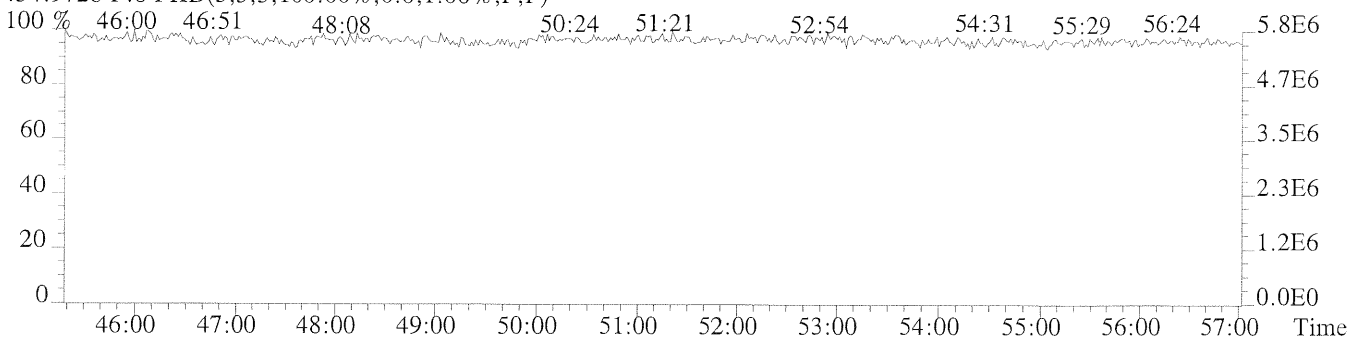
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,912.0,1.00%,F,T)



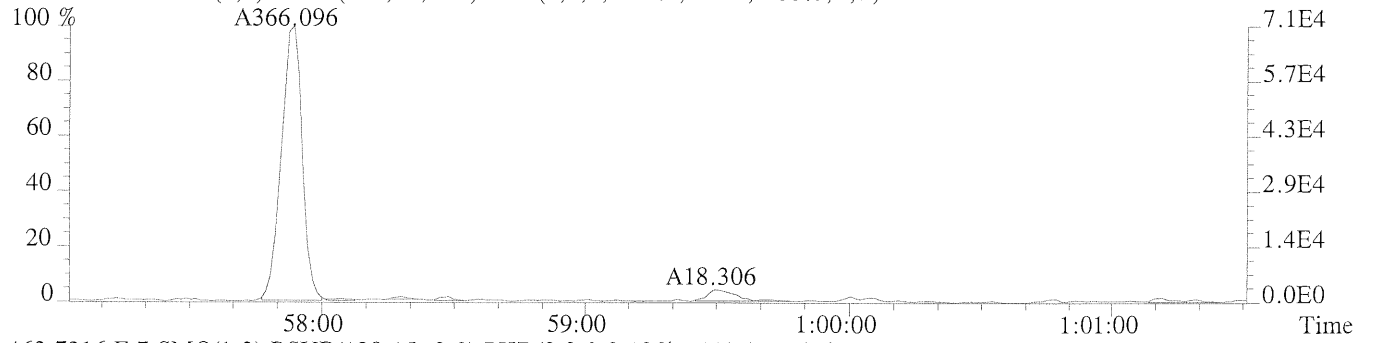
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



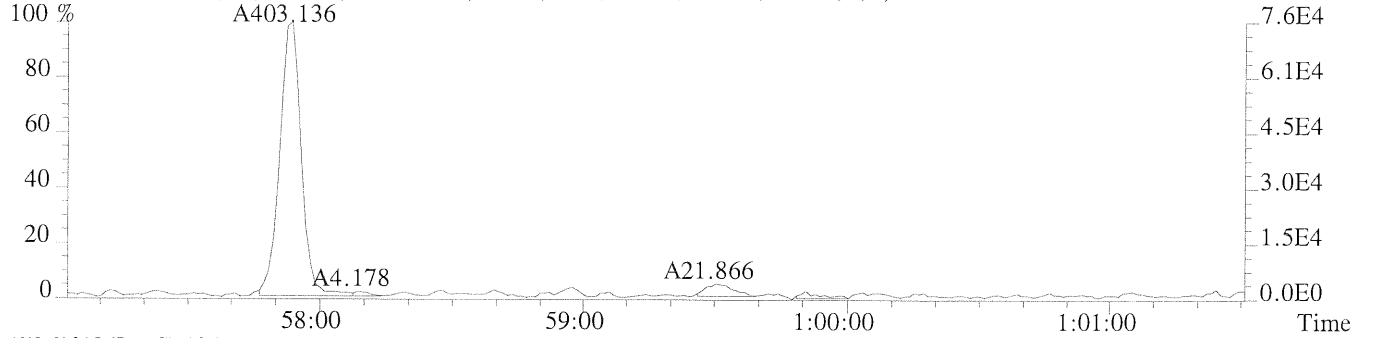
File:U221017 #1-253 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

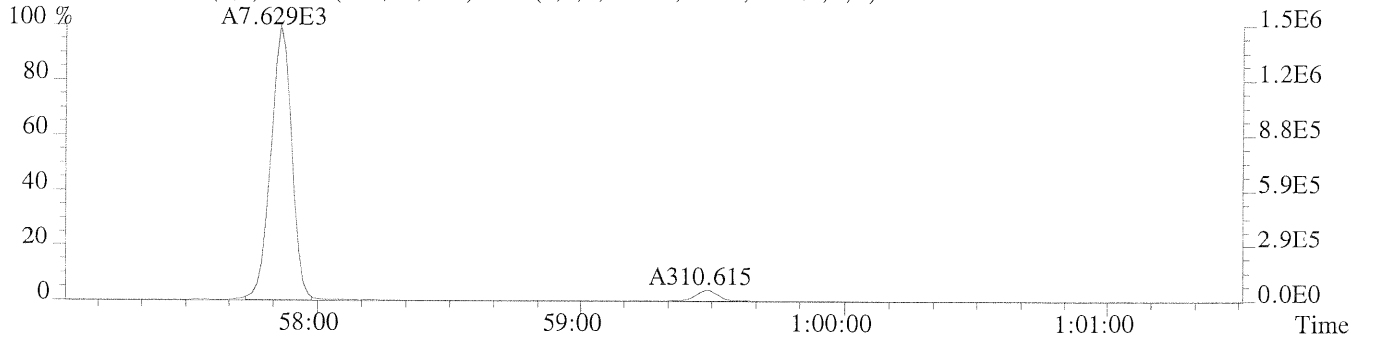
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,484.0,1.00%,F,T)



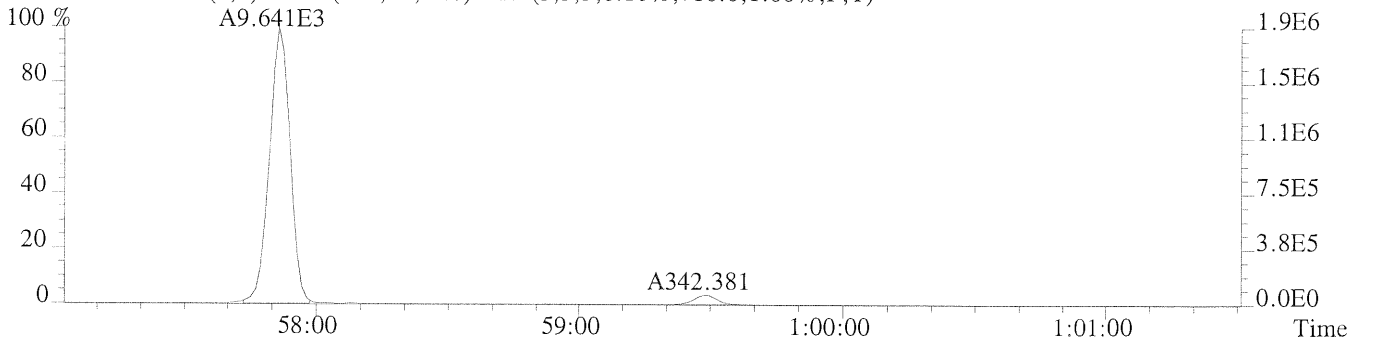
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1448.0,1.00%,F,T)



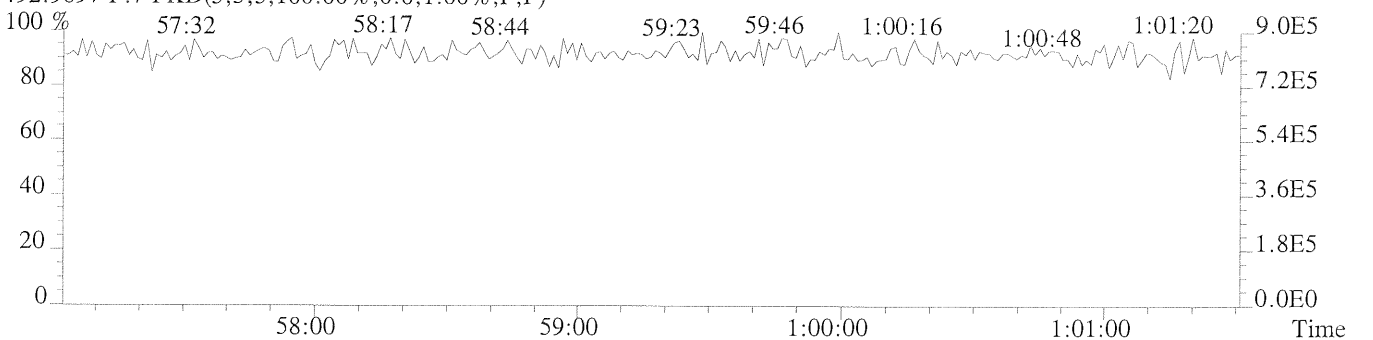
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,832.0,1.00%,F,T)



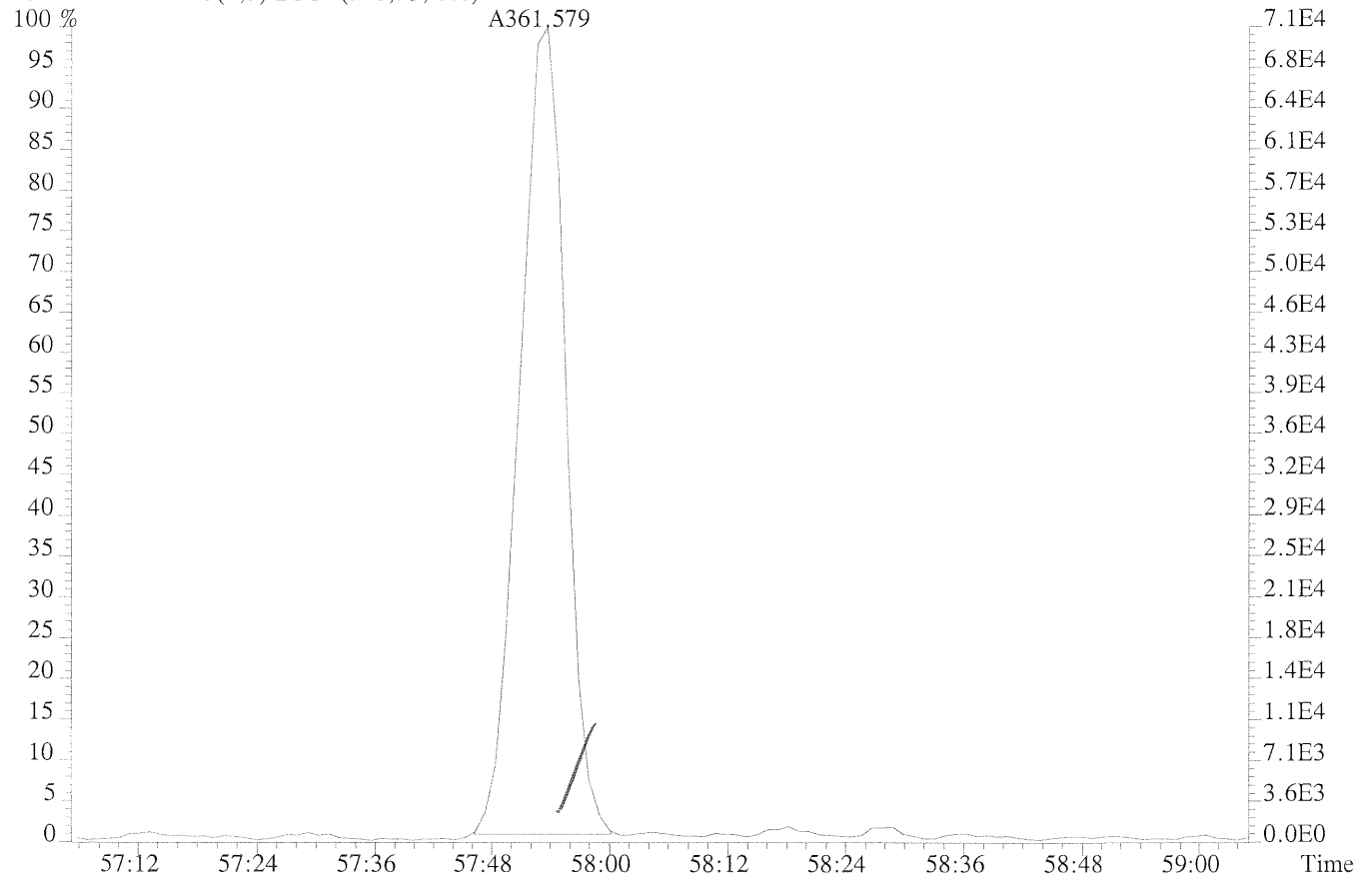
475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,716.0,1.00%,F,T)



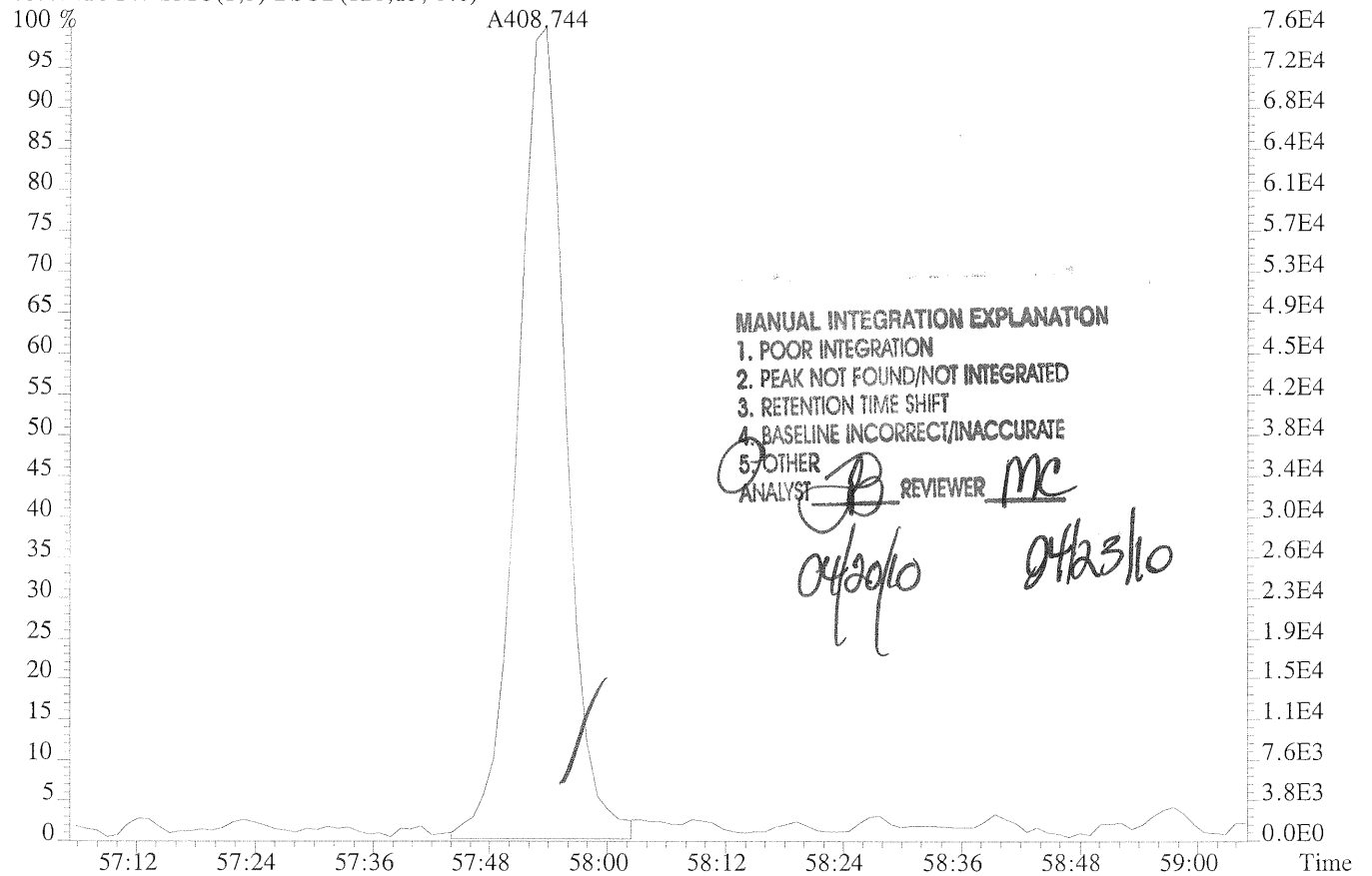
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



File:U221017 #1-253 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS2
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0)



463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0)



MANUAL INTEGRATION EXPLANATION

- 1. POOR INTEGRATION
- 2. PEAK NOT FOUND/NOT INTEGRATED
- 3. RETENTION TIME SHIFT
- 4. BASELINE INCORRECT/INACCURATE
- 5. OTHER

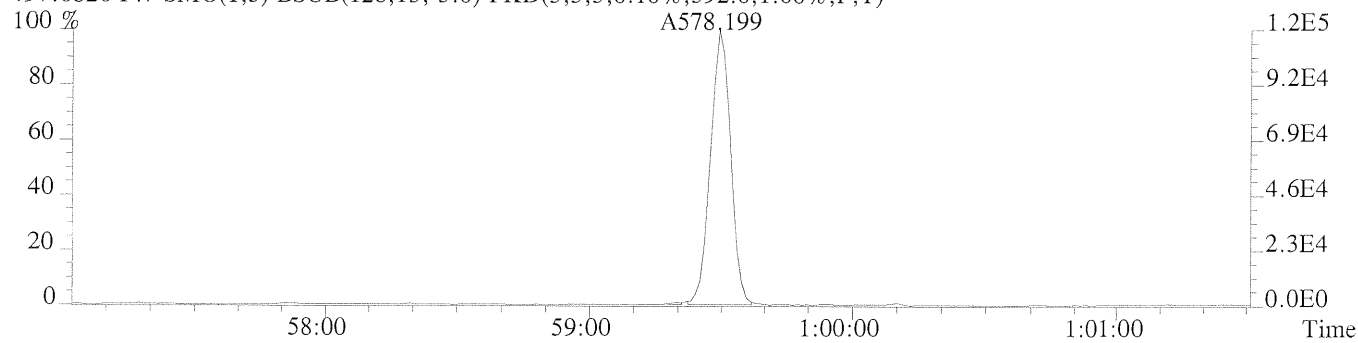
ANALYST B REVIEWER MC

04/20/10 *04/23/10*

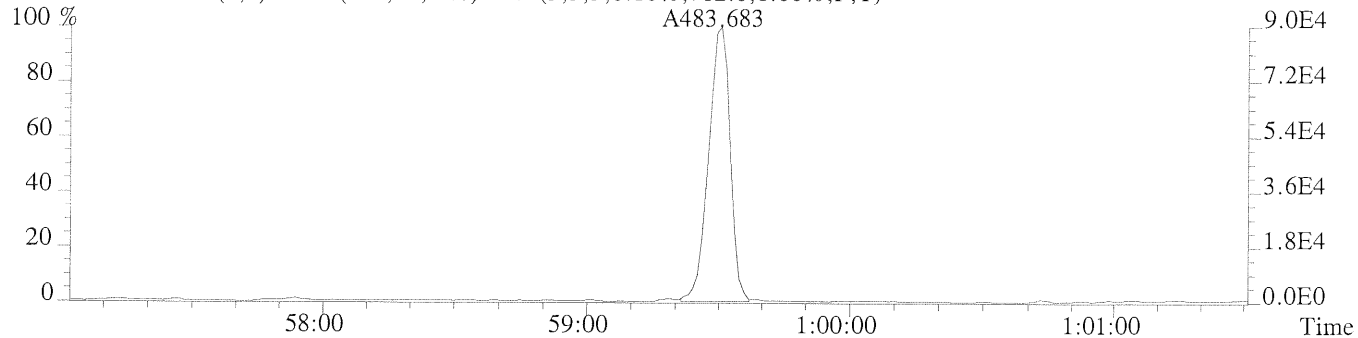
File:U221017 #1-253 Acq:19-OCT-2009 13:46:32 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS2

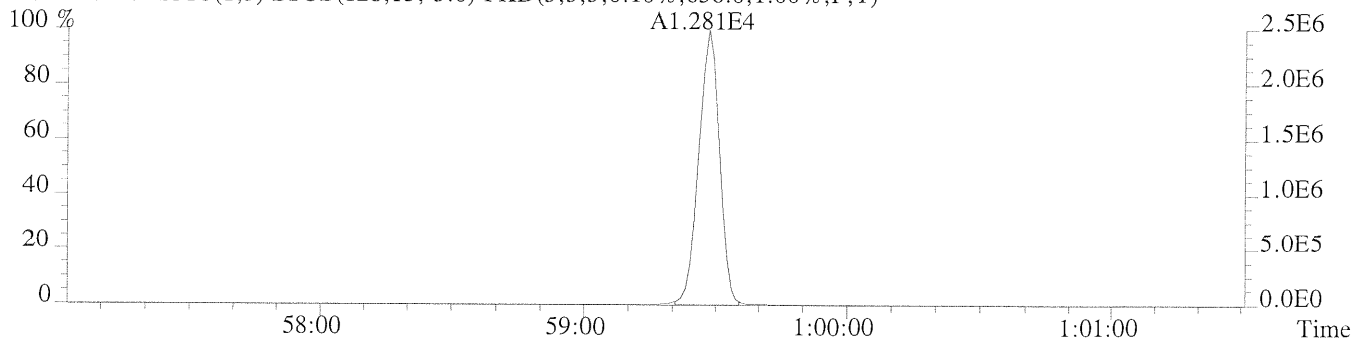
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,592.0,1.00%,F,T)



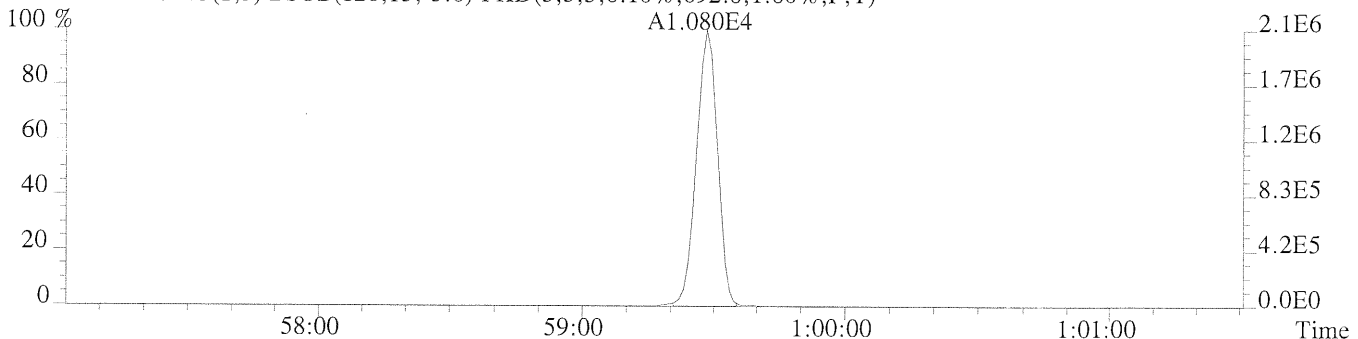
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,712.0,1.00%,F,T)



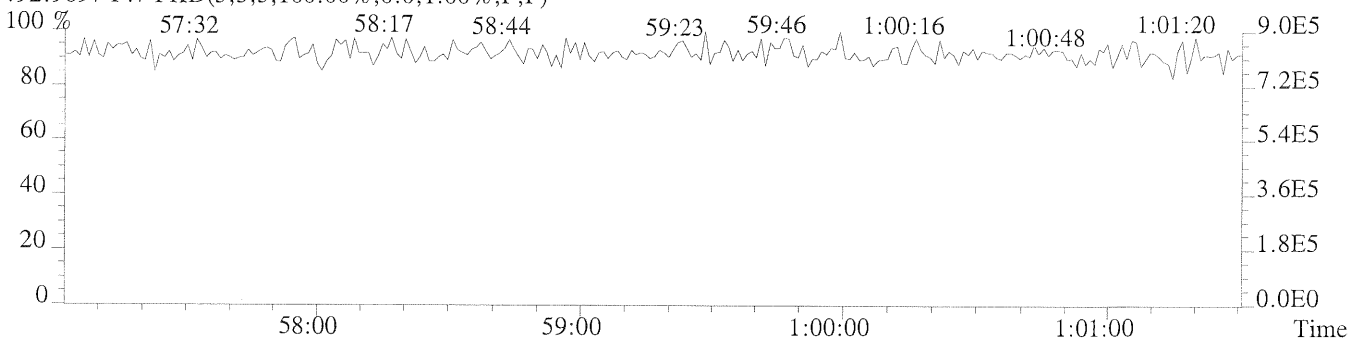
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,636.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,692.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
ICAL CS3

Run #3 Filename U221018 #1 Samp: 1 Inj: 1 Acquired: 19-OCT-09 14:57:36
Processed: 20-APR-10 10:37:22 LAB. ID: ICAL CS3

Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT
1 1	2-MoCB	14:08	1.485e+04	4.726e+03	3.14	yes	no	1.001
2 3	4-MoCB	16:33	1.470e+04	4.792e+03	3.07	yes	no	1.001
3 4	22'-DiCB	16:50	8.227e+03	5.382e+03	1.53	yes	no	1.001
4 15	44'-DiCB	23:13	9.269e+03	6.025e+03	1.54	yes	no	1.001
5 19	22'6'-TrCB	20:14	4.681e+03	4.738e+03	0.99	yes	no	1.001
6 37	344'-TrCB	30:33	8.380e+03	8.132e+03	1.03	yes	no	1.001
7 54	22'66'-TeCB	23:32	5.829e+03	8.359e+03	0.70	yes	no	1.001
8 81	344'5'-TeCB	37:27	5.905e+03	7.642e+03	0.77	yes	no	1.001
9 77	33'44'-TeCB	38:01	5.754e+03	7.222e+03	0.80	yes	no	1.000
10 104	22'466'-PeCB	29:16	8.449e+03	5.462e+03	1.55	yes	no	1.001
11 123	2'344'5'-PeCB	40:02	7.473e+03	4.724e+03	1.58	yes	no	1.000
12 118	23'44'5'-PeCB	40:22	7.459e+03	4.825e+03	1.55	yes	no	1.000
13 114	2344'5'-PeCB	40:55	7.437e+03	4.507e+03	1.65	yes	no	1.000
14 105	233'44'-PeCB	41:34	7.203e+03	4.479e+03	1.61	yes	no	1.000
15 126	33'44'5'-PeCB	44:42	6.719e+03	4.247e+03	1.58	yes	no	1.001
16 155	22'44'66'-HxCB	35:05	6.857e+03	5.845e+03	1.17	yes	no	1.001
17 167	23'44'55'-HxCB	46:34	4.949e+03	4.065e+03	1.22	yes	no	1.000
18 156/7	233'44'5'-HxCB	47:44	9.375e+03	7.704e+03	1.22	yes	no	1.000
19 169	33'44'55'-HxCB	51:00	4.149e+03	3.459e+03	1.20	yes	no	1.000
20 188	22'34'566'-HpCB	40:54	5.194e+03	5.161e+03	1.01	yes	no	1.001
21 189	233'44'55'-HpCB	53:32	3.060e+03	3.179e+03	0.96	yes	no	1.000
22 202	22'33'55'66'-OxCB	46:19	3.102e+03	3.649e+03	0.85	yes	no	1.000
23 205	233'44'55'6'-OxCB	56:08	2.524e+03	2.896e+03	0.87	yes	no	1.000
24 208	22'33'4'55'66'-NoCB	53:04	2.571e+03	3.317e+03	0.78	yes	no	1.001
25 206	22'33'44'55'6'-NoCB	57:54	2.185e+03	2.705e+03	0.81	yes	no	1.000
26 209	DeCB	59:31	3.479e+03	3.037e+03	1.15	yes	no	1.000
27 1L	13C-2-MoCB	14:07	2.795e+04	9.262e+03	3.02	yes	no	0.743
28 3L	13C-4-MoCB	16:32	2.748e+04	8.891e+03	3.09	yes	no	0.871
29 4L	13C-22'-DiCB	16:49	1.701e+04	1.127e+04	1.51	yes	no	0.886
30 15L	13C-44'-DiCB	23:11	1.931e+04	1.219e+04	1.58	yes	no	1.222
31 19L	13C-22'6'-TrCB	20:13	9.479e+03	9.205e+03	1.03	yes	no	1.065
32 37L	13C-344'-TrCB	30:31	1.582e+04	1.465e+04	1.08	yes	no	1.080
33 54L	13C-22'66'-TeCB	23:31	1.249e+04	1.610e+04	0.78	yes	no	0.832
34 81L	13C-344'5'-TeCB	37:25	1.063e+04	1.352e+04	0.79	yes	no	1.324
35 77L	13C-33'44'-TeCB	38:00	1.024e+04	1.317e+04	0.78	yes	no	1.344
36 104L	13C-22'466'-PeCB	29:15	1.622e+04	1.079e+04	1.50	yes	no	0.829
37 123L	13C-2'344'5'-PeCB	40:01	1.373e+04	8.665e+03	1.58	yes	no	1.134
38 118L	13C-23'44'5'-PeCB	40:21	1.449e+04	9.175e+03	1.58	yes	no	1.143
39 114L	13C-2344'5'-PeCB	40:54	1.337e+04	8.673e+03	1.54	yes	no	1.159
40 105L	13C-233'44'-PeCB	41:33	1.340e+04	8.465e+03	1.58	yes	no	1.177
41 126L	13C-33'44'5'-PeCB	44:40	1.253e+04	7.986e+03	1.57	yes	no	1.266
42 155L	13C-22'44'66'-HxCB	35:04	1.381e+04	1.153e+04	1.20	yes	no	0.806
43 167L	13C-23'44'55'-HxCB	46:33	9.531e+03	7.528e+03	1.27	yes	no	1.070
44 156/7	13C-233'44'5'-HxCB	47:43	1.764e+04	1.383e+04	1.28	yes	no	1.097
45 169L	13C-33'44'55'-HxCB	50:59	7.796e+03	6.167e+03	1.26	yes	no	1.172
46 188L	13C-22'34'566'-HpCB	40:52	1.117e+04	1.099e+04	1.02	yes	no	0.735
47 189L	13C-233'44'55'-HpCB	53:31	6.448e+03	5.965e+03	1.08	yes	no	0.962
48 202L	13C-22'33'55'66'-OxCB	46:18	6.802e+03	7.527e+03	0.90	yes	no	0.832
49 205L	13C-233'44'55'6'-OxCB	56:07	5.320e+03	6.025e+03	0.88	yes	no	1.009
50 208L	13C-22'33'4'55'66'-NoCB	53:02	5.199e+03	6.560e+03	0.79	yes	no	0.953
51 206L	13C-22'33'44'55'6'-NoCB	57:53	4.394e+03	5.664e+03	0.78	yes	no	1.040
52 209L	13C-DeCB	59:29	7.440e+03	6.216e+03	1.20	yes	no	1.069

53	28L	13C-244'-TrCB	26:23	1.682e+04	1.611e+04	1.04	yes	no	0.933
54	111L	13C-233'55'-PeCB	38:01	1.346e+04	8.500e+03	1.58	yes	no	1.077
55	178L	13C-22'33'55'6'-HpCB	43:57	6.859e+03	6.569e+03	1.04	yes	no	1.010
56	9L	13C-2,5-DiCB	18:59	1.867e+04	1.170e+04	1.60	yes	no	*
57	52L	13C-22'55'-TeCB	28:16	9.451e+03	1.209e+04	0.78	yes	no	*
58	101L	13C-22'4'55'-PeCB	35:18	1.089e+04	6.907e+03	1.58	yes	no	*
59	138L	13C-22'3'44'5'-HxCB	43:30	9.095e+03	7.328e+03	1.24	yes	no	*
60	194L	13C-22'33'44'55'-OxCB	55:38	3.809e+03	4.218e+03	0.90	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
ICAL CS3

Run #3 Filename U221018 Samp: 1 Inj: 1 Acquired: 19-OCT-09 14:57:36
Processed: 20-APR-10 10:37:221 LAB. ID: ICAL CS3

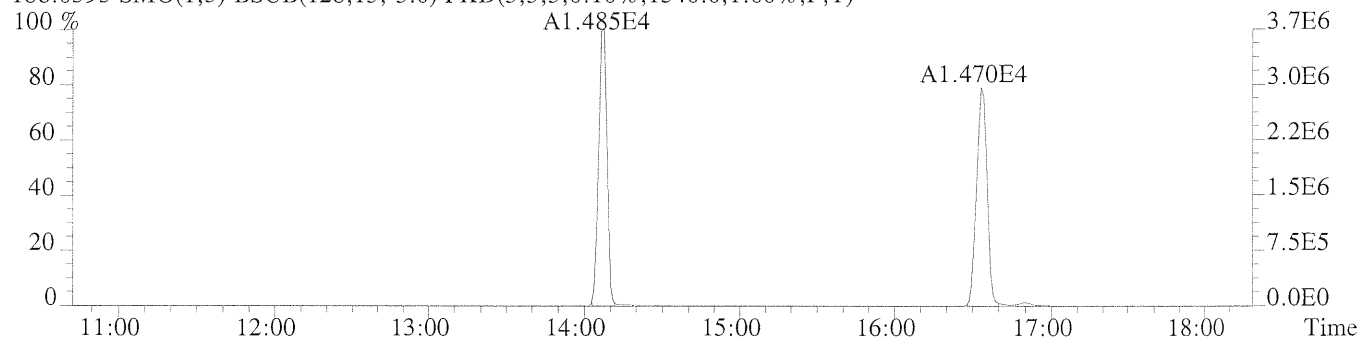
	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	3.74e+06	1.54e+03	2.4e+03	1.21e+06	1.73e+03	7.0e+02
2	4-MoCB	2.96e+06	1.54e+03	1.9e+03	9.66e+05	1.73e+03	5.6e+02
3	22'-DiCB	1.67e+06	2.08e+03	8.1e+02	1.08e+06	9.55e+03	1.1e+02
4	44'-DiCB	1.59e+06	1.72e+03	9.3e+02	1.06e+06	9.35e+03	1.1e+02
5	22'6'-TrCB	8.89e+05	1.12e+03	7.9e+02	9.13e+05	1.90e+03	4.8e+02
6	344'-TrCB	1.27e+06	1.33e+03	9.6e+02	1.22e+06	1.86e+03	6.6e+02
7	22'66'-TeCB	1.04e+06	1.09e+03	9.5e+02	1.47e+06	1.01e+03	1.5e+03
8	344'5'-TeCB	9.86e+05	9.68e+02	1.0e+03	1.28e+06	1.65e+03	7.8e+02
9	33'44'-TeCB	9.44e+05	9.68e+02	9.8e+02	1.21e+06	1.65e+03	7.3e+02
10	22'466'-PeCB	1.28e+06	9.56e+02	1.3e+03	8.41e+05	1.36e+03	6.2e+02
11	2'344'5'-PeCB	1.30e+06	1.66e+03	7.8e+02	8.26e+05	2.08e+03	4.0e+02
12	23'44'5'-PeCB	1.28e+06	1.66e+03	7.7e+02	8.27e+05	2.08e+03	4.0e+02
13	2344'5'-PeCB	1.29e+06	1.66e+03	7.8e+02	7.58e+05	2.08e+03	3.6e+02
14	233'44'-PeCB	1.26e+06	1.66e+03	7.6e+02	7.80e+05	2.08e+03	3.8e+02
15	33'44'5'-PeCB	1.16e+06	1.66e+03	7.0e+02	7.29e+05	2.08e+03	3.5e+02
16	22'44'66'-HxCB	1.15e+06	9.00e+02	1.3e+03	9.79e+05	7.64e+02	1.3e+03
17	23'44'55'-HxCB	1.08e+06	1.10e+03	9.8e+02	8.82e+05	1.63e+03	5.4e+02
18	233'44'5'-HxCB	1.50e+06	1.10e+03	1.4e+03	1.25e+06	1.63e+03	7.6e+02
19	33'44'55'-HxCB	9.08e+05	1.10e+03	8.3e+02	7.37e+05	1.63e+03	4.5e+02
20	22'34'566'-HpCB	9.31e+05	6.48e+02	1.4e+03	9.18e+05	4.32e+02	2.1e+03
21	233'44'55'-HpCB	6.49e+05	8.76e+02	7.4e+02	6.78e+05	7.40e+02	9.2e+02
22	22'33'55'66'-OcCB	6.59e+05	7.28e+02	9.1e+02	7.83e+05	7.24e+02	1.1e+03
23	233'44'55'6'-OcCB	5.27e+05	7.28e+02	7.2e+02	6.20e+05	7.24e+02	8.6e+02
24	22'33'4'55'66'-NoCB	5.42e+05	7.56e+02	7.2e+02	6.97e+05	7.84e+02	8.9e+02
25	22'33'44'55'6'-NoCB	4.30e+05	7.60e+02	5.7e+02	5.04e+05	1.45e+03	3.5e+02
26	DeCB	6.57e+05	6.20e+02	1.1e+03	5.96e+05	6.32e+02	9.4e+02
27	13C-2-MoCB	7.13e+06	1.85e+03	3.9e+03	2.33e+06	1.68e+04	1.4e+02
28	13C-4-MoCB	5.52e+06	1.85e+03	3.0e+03	1.81e+06	1.68e+04	1.1e+02
29	13C-22'-DiCB	3.42e+06	2.18e+03	1.6e+03	2.25e+06	1.69e+03	1.3e+03
30	13C-44'-DiCB	3.30e+06	3.63e+03	9.1e+02	2.10e+06	1.82e+03	1.2e+03
31	13C-22'6'-TrCB	1.80e+06	1.26e+04	1.4e+02	1.76e+06	5.31e+03	3.3e+02
32	13C-344'-TrCB	2.36e+06	1.10e+04	2.2e+02	2.19e+06	6.45e+03	3.4e+02
33	13C-22'66'-TeCB	2.19e+06	1.35e+03	1.6e+03	2.80e+06	1.22e+03	2.3e+03
34	13C-344'5'-TeCB	1.78e+06	9.52e+02	1.9e+03	2.26e+06	1.17e+03	1.9e+03
35	13C-33'44'-TeCB	1.71e+06	9.52e+02	1.8e+03	2.18e+06	1.17e+03	1.9e+03
36	13C-22'466'-PeCB	2.51e+06	7.76e+02	3.2e+03	1.68e+06	8.04e+02	2.1e+03
37	13C-2'344'5'-PeCB	2.43e+06	3.21e+03	7.6e+02	1.52e+06	1.81e+03	8.4e+02
38	13C-23'44'5'-PeCB	2.52e+06	3.21e+03	7.9e+02	1.61e+06	1.81e+03	8.9e+02
39	13C-2344'5'-PeCB	2.32e+06	3.21e+03	7.2e+02	1.49e+06	1.81e+03	8.2e+02
40	13C-233'44'-PeCB	2.43e+06	3.21e+03	7.5e+02	1.47e+06	1.81e+03	8.1e+02
41	13C-33'44'5'-PeCB	2.15e+06	3.21e+03	6.7e+02	1.37e+06	1.81e+03	7.6e+02
42	13C-22'44'66'-HxCB	2.33e+06	7.72e+02	3.0e+03	1.97e+06	7.84e+02	2.5e+03
43	13C-23'44'55'-HxCB	2.08e+06	1.35e+03	1.5e+03	1.63e+06	1.00e+03	1.6e+03
44	13C-233'44'5'-HxCB	2.83e+06	1.35e+03	2.1e+03	2.22e+06	1.00e+03	2.2e+03
45	13C-33'44'55'-HxCB	1.65e+06	1.35e+03	1.2e+03	1.31e+06	1.00e+03	1.3e+03
46	13C-22'34'566'-HpCB	1.99e+06	8.48e+02	2.3e+03	1.94e+06	6.52e+02	3.0e+03
47	13C-233'44'55'-HpCB	1.39e+06	1.13e+03	1.2e+03	1.30e+06	7.96e+02	1.6e+03
48	13C-22'33'55'66'-OcCB	1.47e+06	6.92e+02	2.1e+03	1.64e+06	6.72e+02	2.4e+03
49	13C-233'44'55'6'-OcCB	1.13e+06	6.92e+02	1.6e+03	1.29e+06	6.72e+02	1.9e+03
50	13C-22'33'4'55'66'-NoCB	1.10e+06	6.36e+02	1.7e+03	1.42e+06	6.20e+02	2.3e+03
51	13C-22'33'44'55'6'-NoCB	8.32e+05	7.92e+02	1.1e+03	1.07e+06	5.52e+02	1.9e+03
52	13C-DeCB	1.42e+06	6.08e+02	2.3e+03	1.17e+06	6.72e+02	1.7e+03

53	13C-244'-TrCB	2.58e+06	1.10e+04	2.4e+02	2.44e+06	6.45e+03	3.8e+02
54	13C-233'55'-PeCB	2.33e+06	1.17e+03	2.0e+03	1.49e+06	1.01e+03	1.5e+03
55	13C-22'33'55'6-HpCB	1.24e+06	8.48e+02	1.5e+03	1.17e+06	6.52e+02	1.8e+03
56	13C-2,5-DiCB	3.72e+06	3.63e+03	1.0e+03	2.32e+06	1.82e+03	1.3e+03
57	13C-22'55'-TeCB	1.44e+06	1.28e+03	1.1e+03	1.86e+06	1.15e+03	1.6e+03
58	13C-22'4'55'-PeCB	1.81e+06	1.17e+03	1.5e+03	1.15e+06	1.01e+03	1.1e+03
59	13C-22'3'44'5'-HxCB	1.61e+06	8.12e+02	2.0e+03	1.28e+06	9.04e+02	1.4e+03
60	13C-22'33'44'55'-OcCB	8.28e+05	6.92e+02	1.2e+03	8.99e+05	6.72e+02	1.3e+03

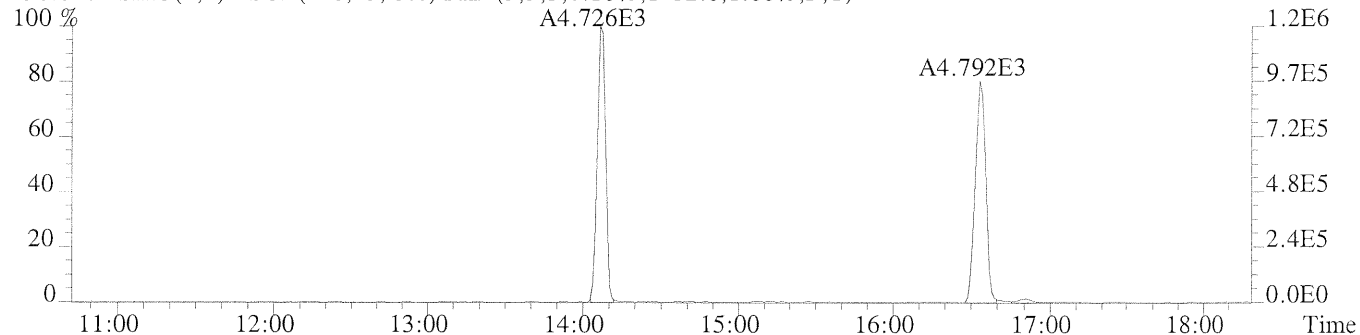
File:U221018 #1-489 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

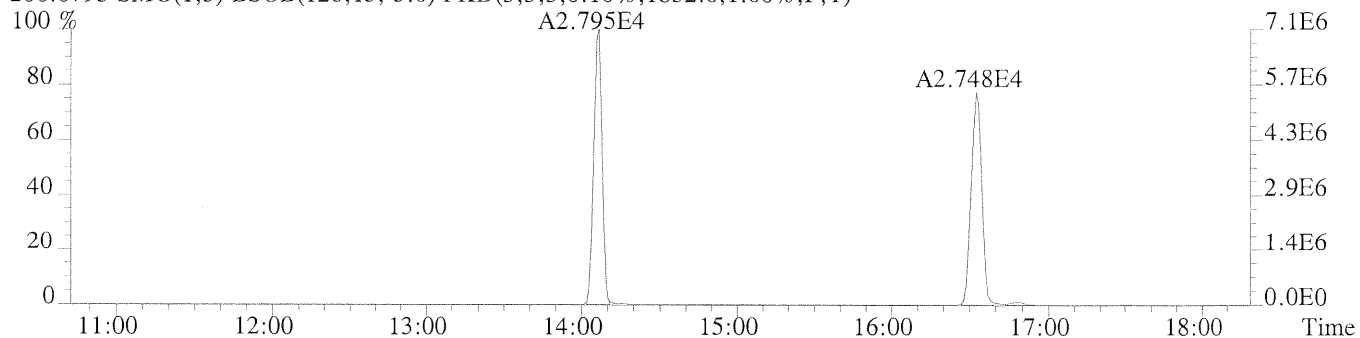
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1540.0,1.00%,F,T)



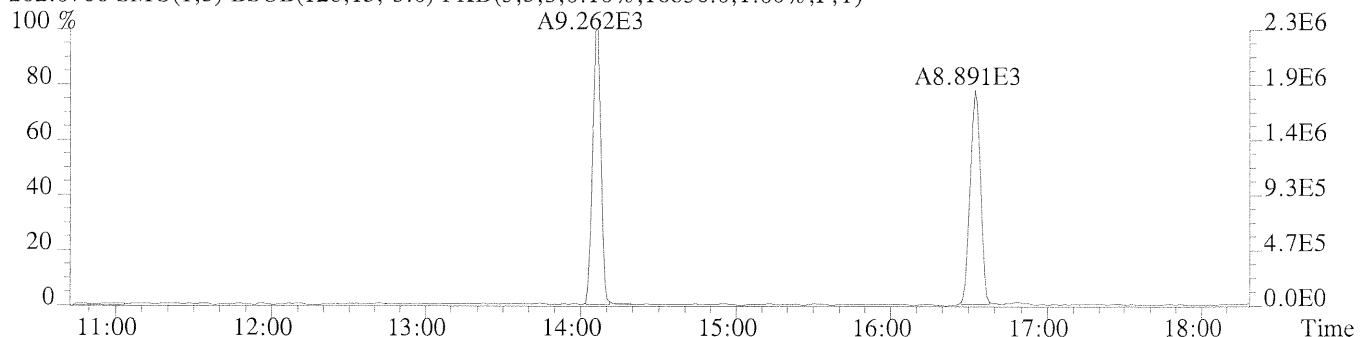
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1732.0,1.00%,F,T)



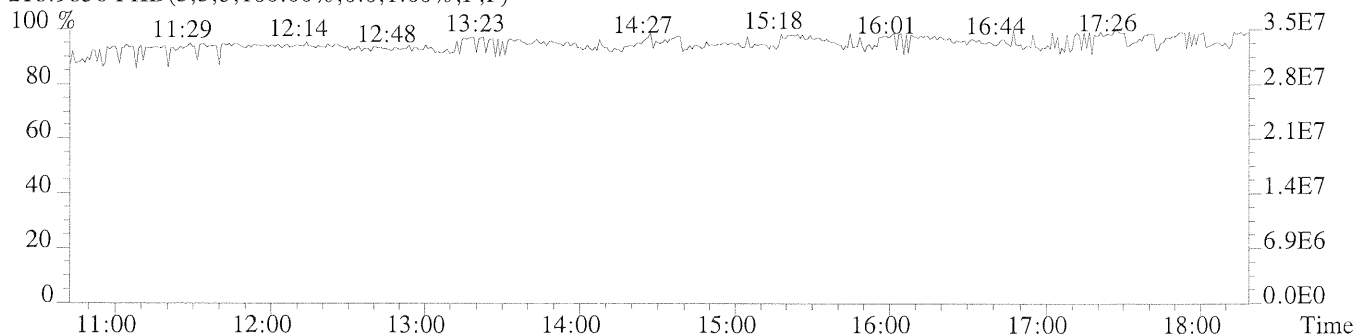
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1852.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16836.0,1.00%,F,T)

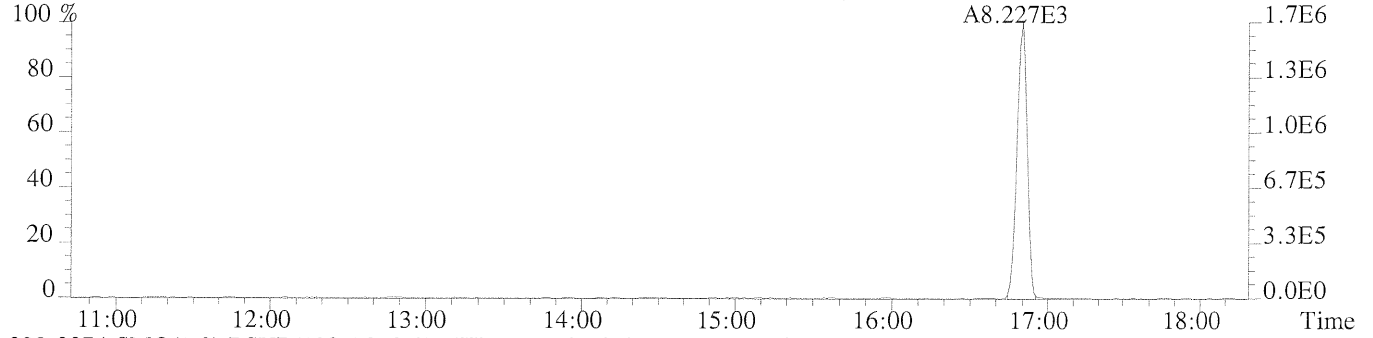


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

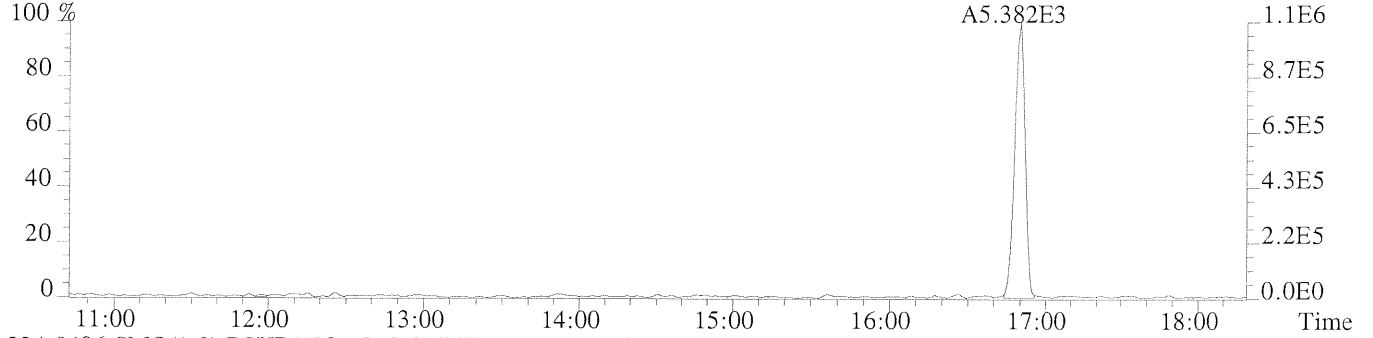


File:U221018 #1-489 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS3

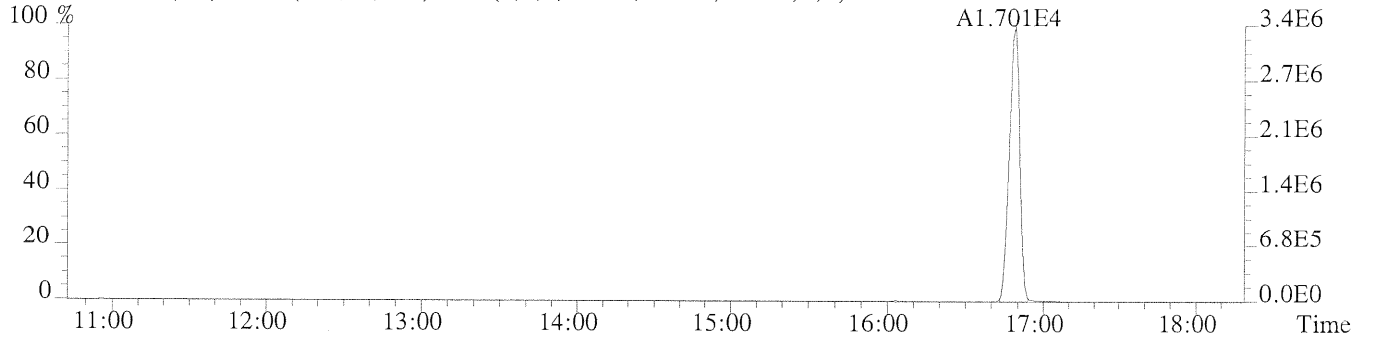
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2076.0,1.00%,F,T)



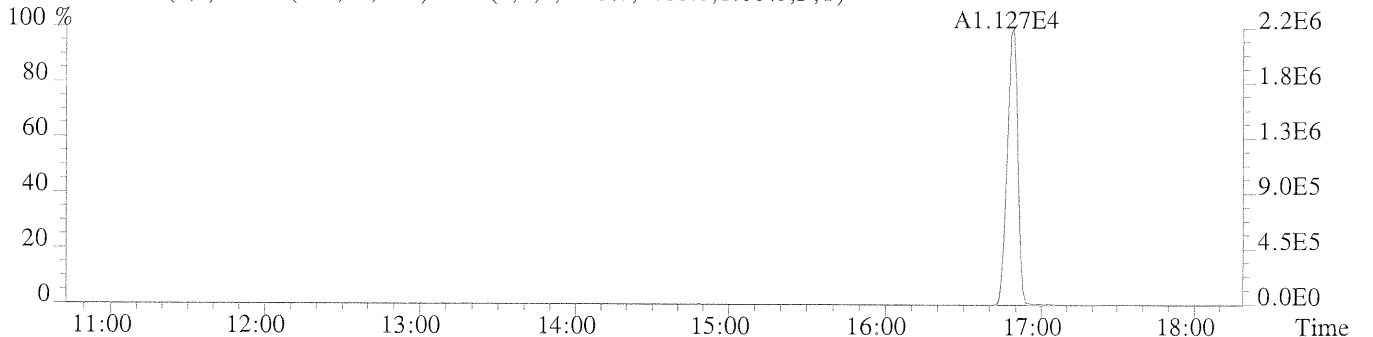
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9548.0,1.00%,F,T)



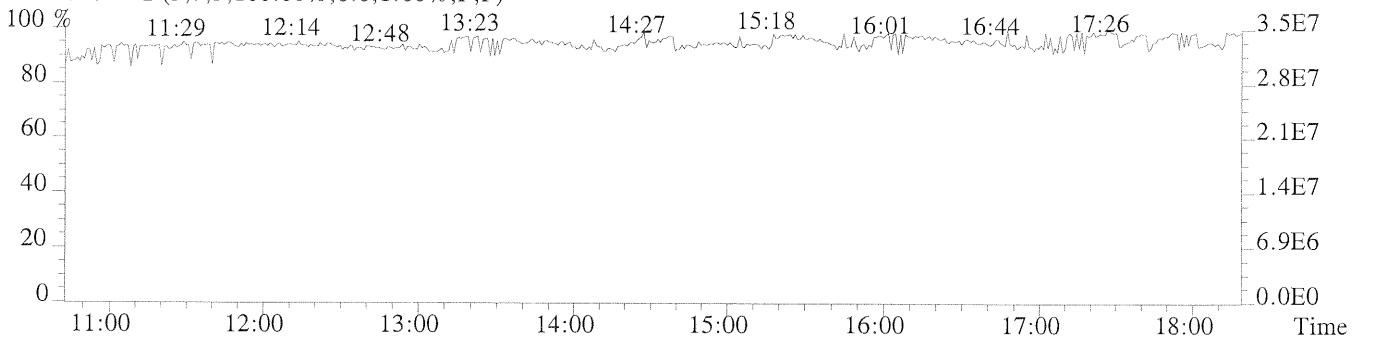
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2180.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1688.0,1.00%,F,T)



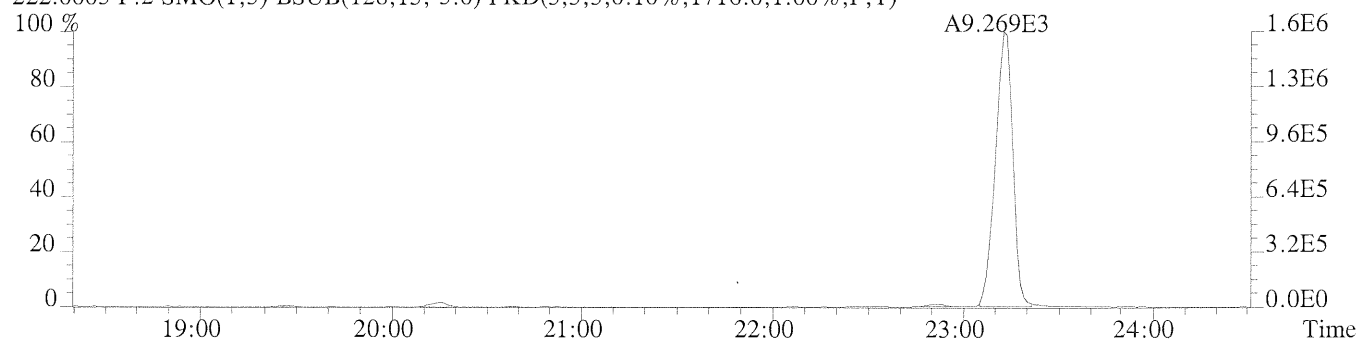
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



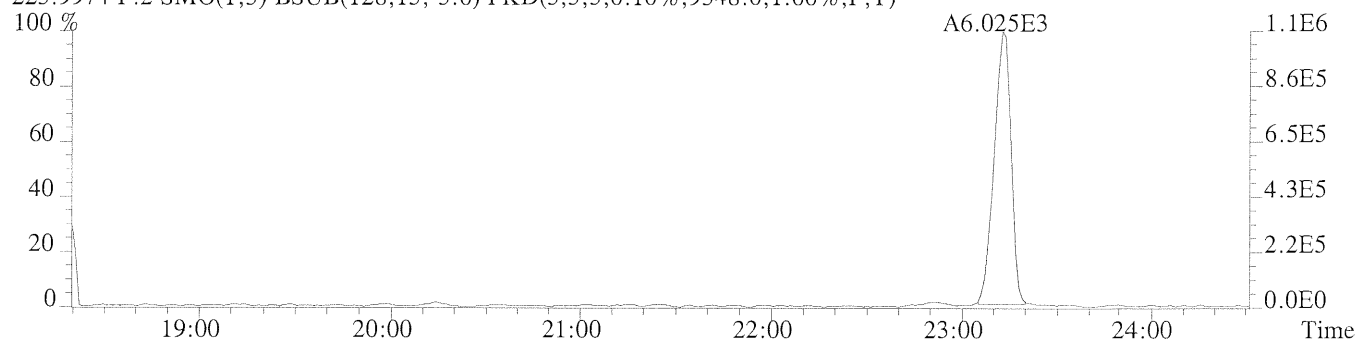
File:U221018 #1-342 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

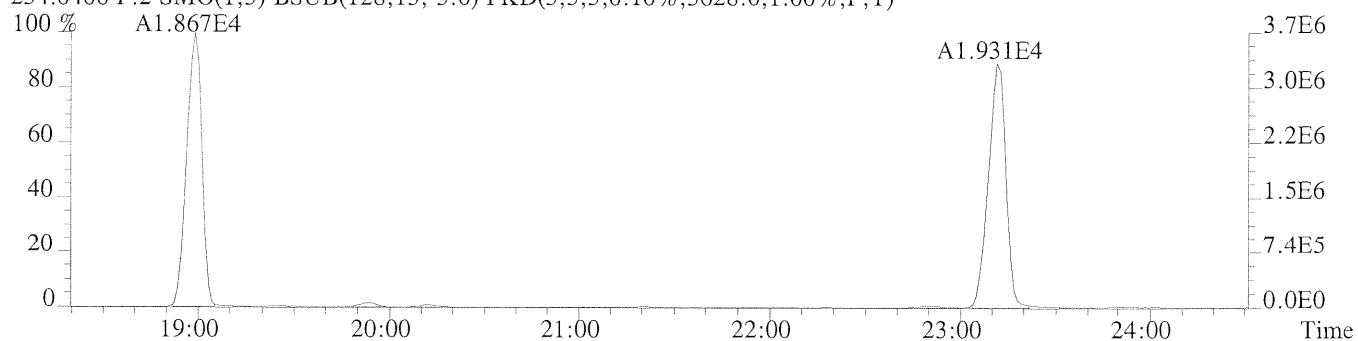
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1716.0,1.00%,F,T)



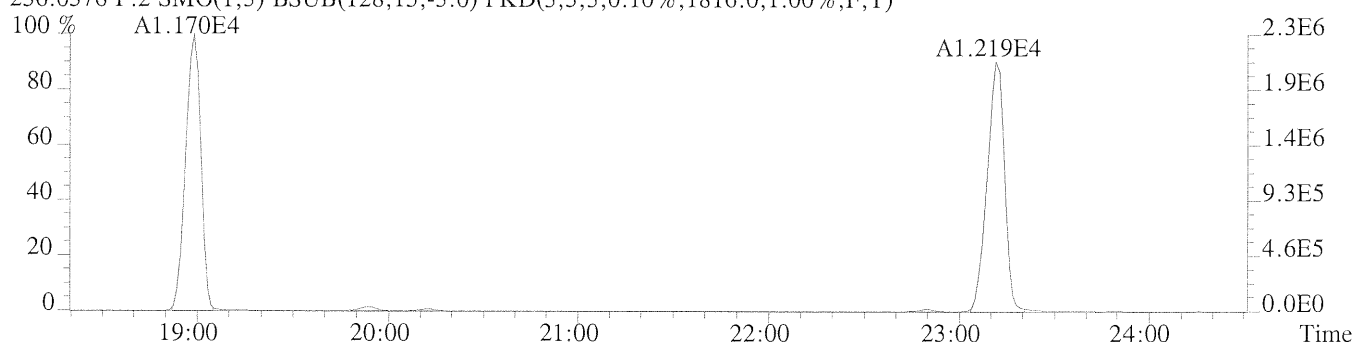
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9348.0,1.00%,F,T)



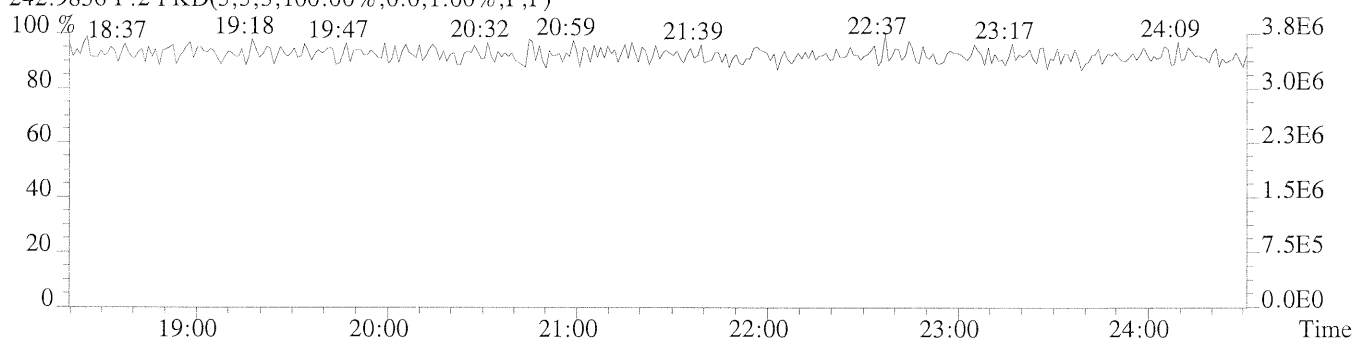
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3628.0,1.00%,F,T)



236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1816.0,1.00%,F,T)



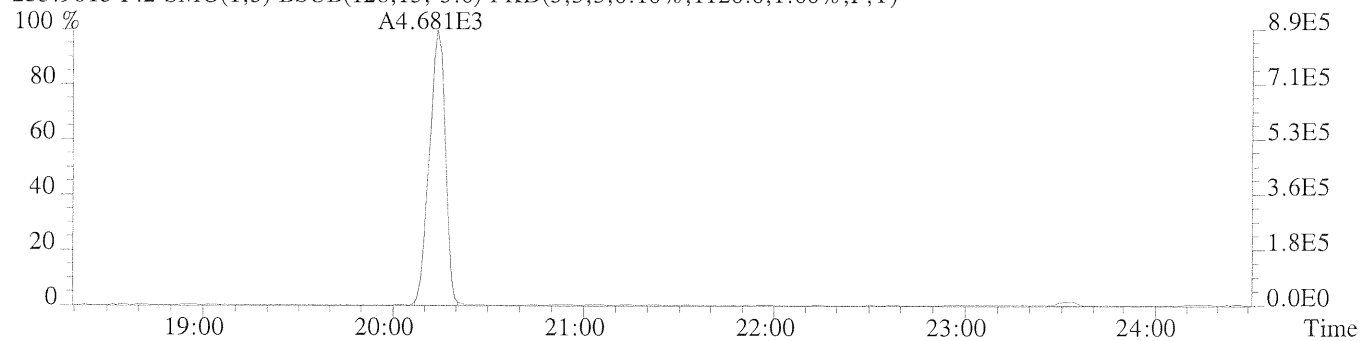
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



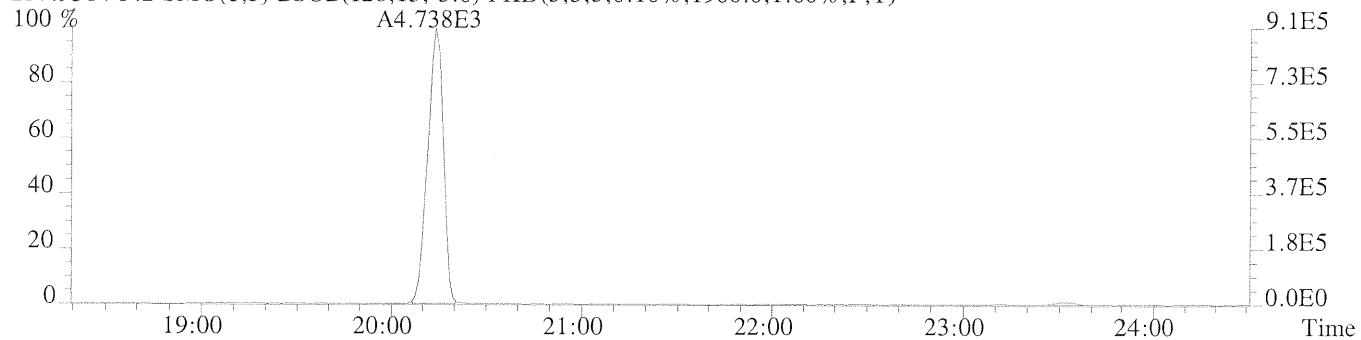
File:U221018 #1-342 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

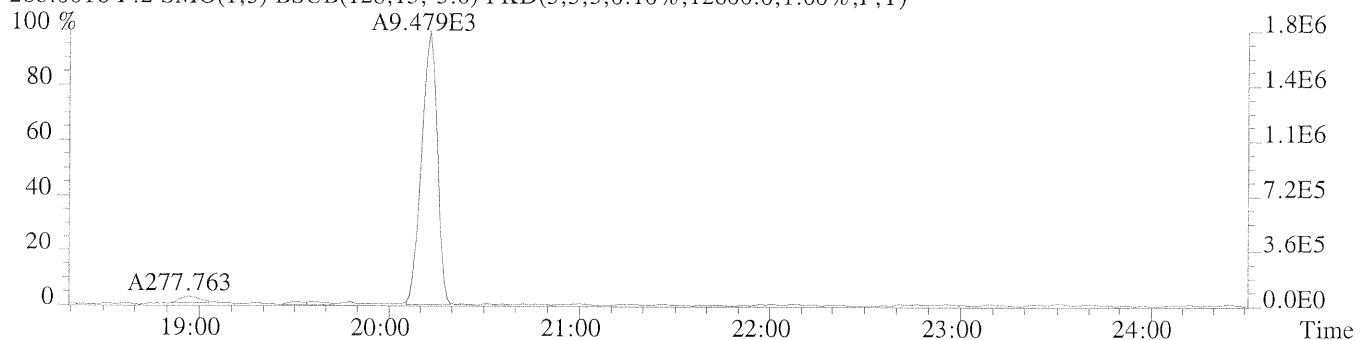
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1120.0,1.00%,F,T)



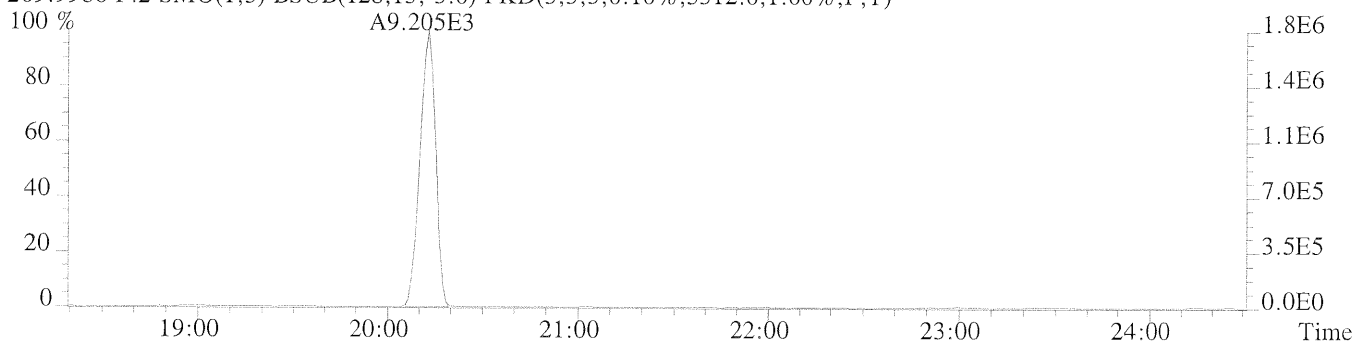
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1900.0,1.00%,F,T)



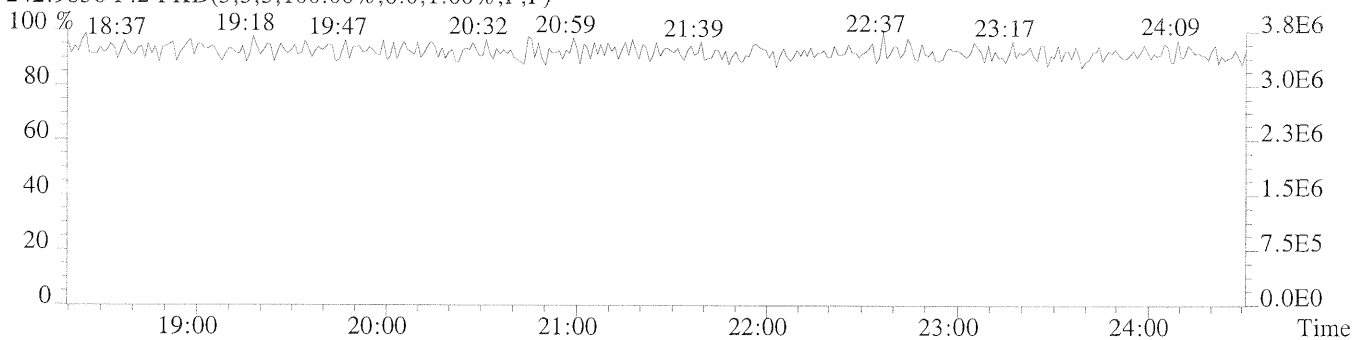
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12600.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5312.0,1.00%,F,T)



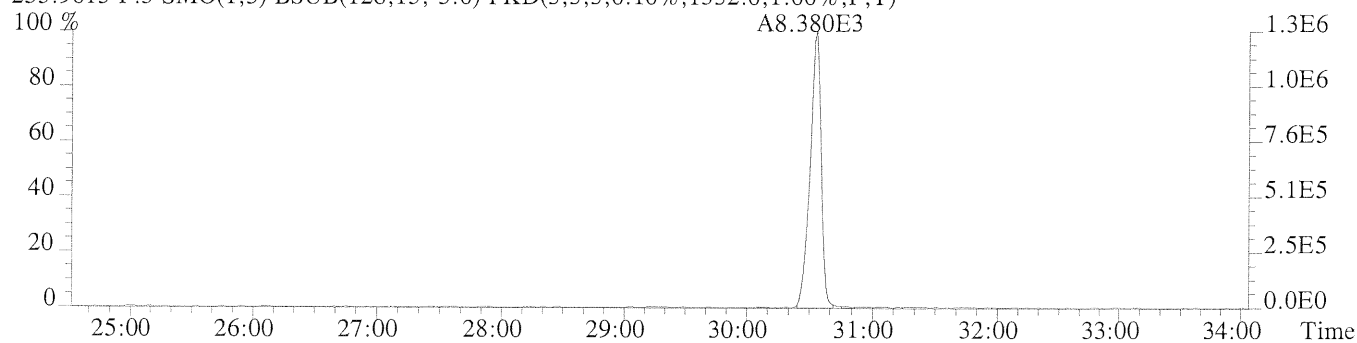
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



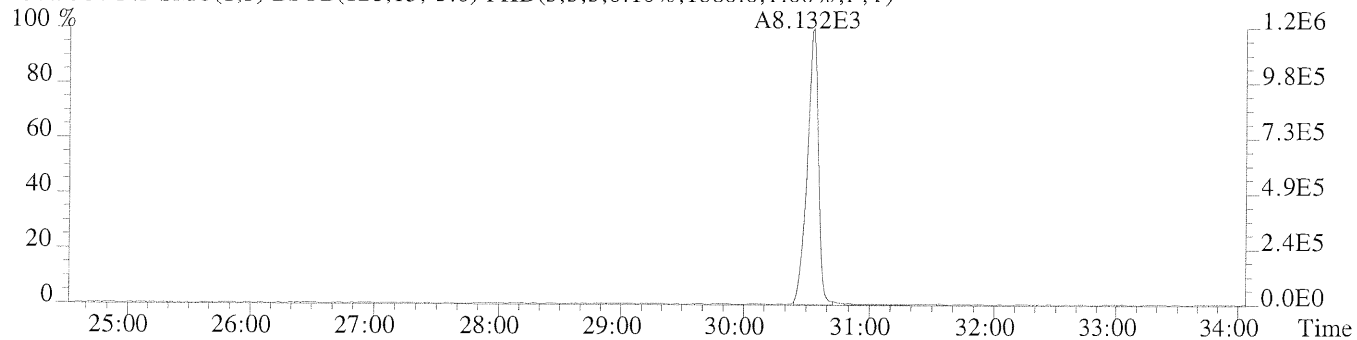
File:U221018 #1-610 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

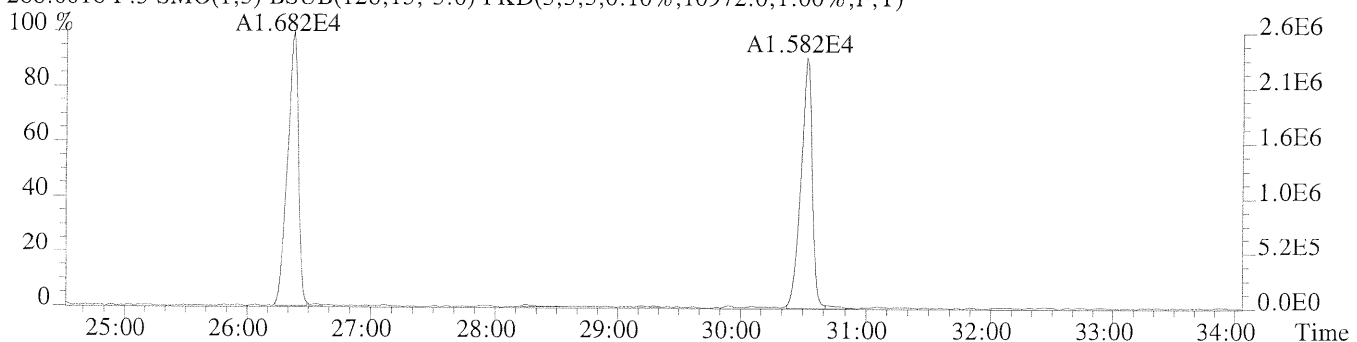
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1332.0,1.00%,F,T)



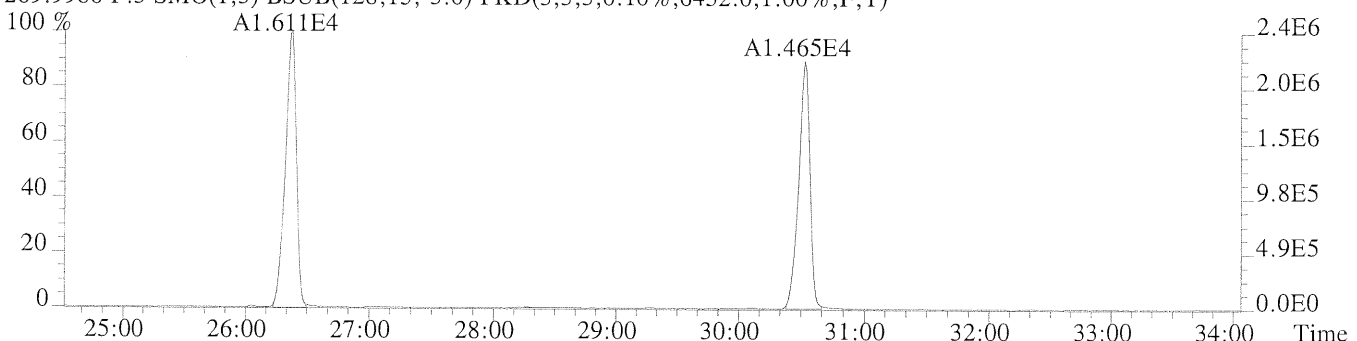
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1860.0,1.00%,F,T)



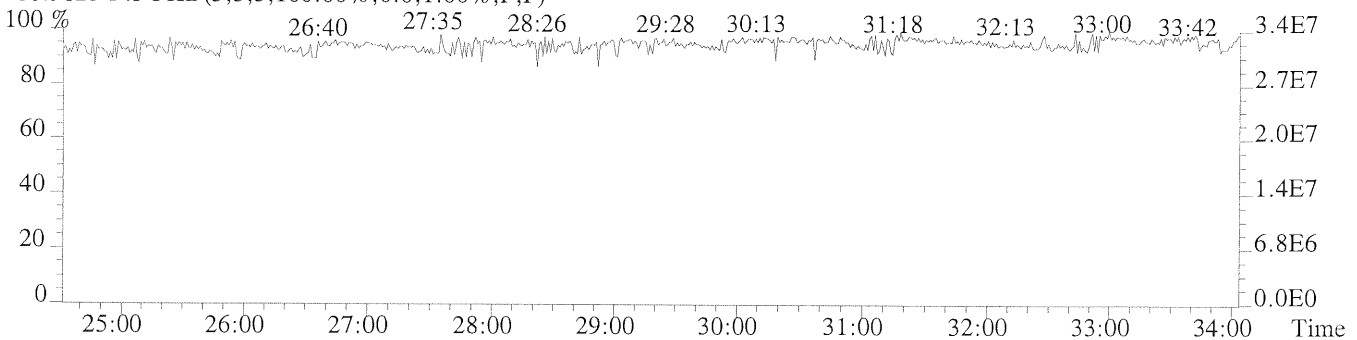
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10972.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6452.0,1.00%,F,T)



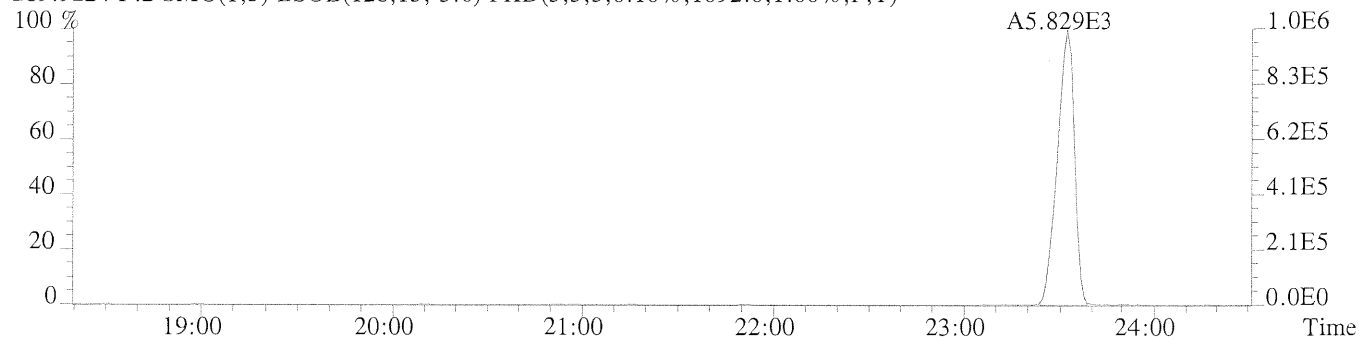
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



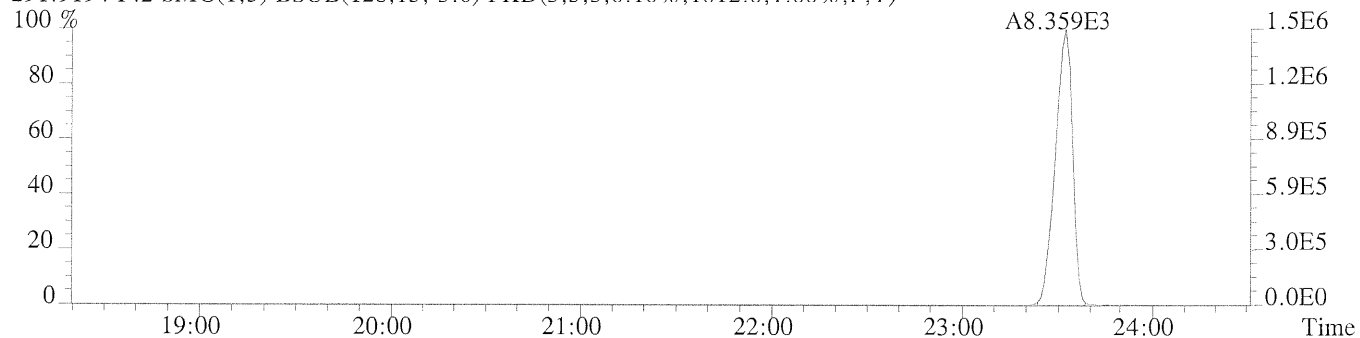
File:U221018 #1-342 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

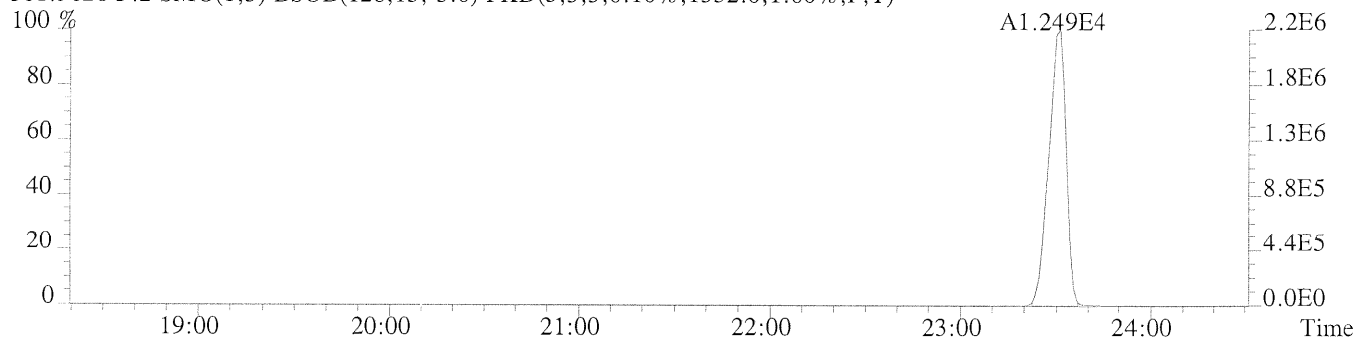
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1092.0,1.00%,F,T)



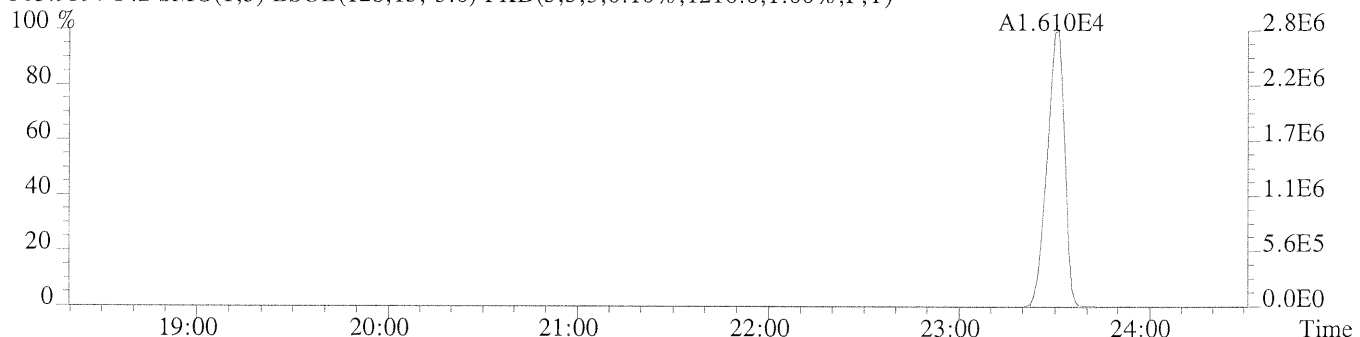
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1012.0,1.00%,F,T)



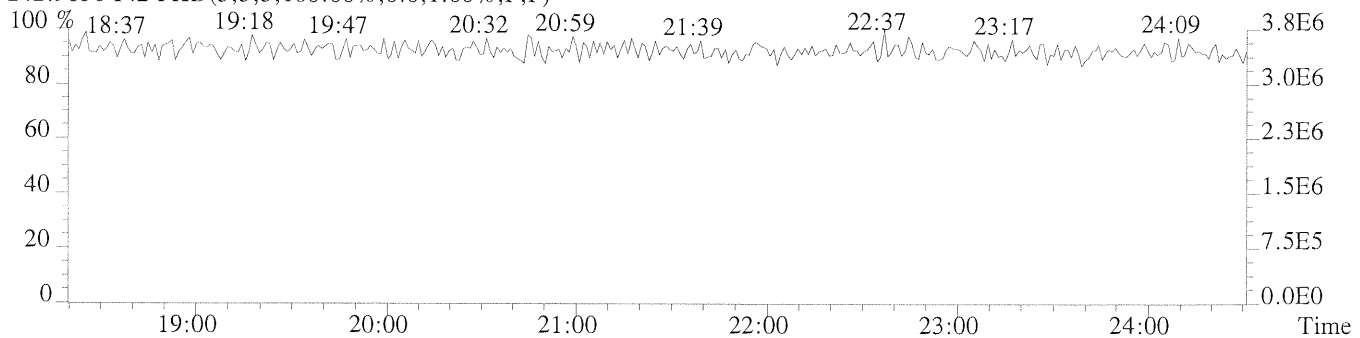
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1352.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1216.0,1.00%,F,T)

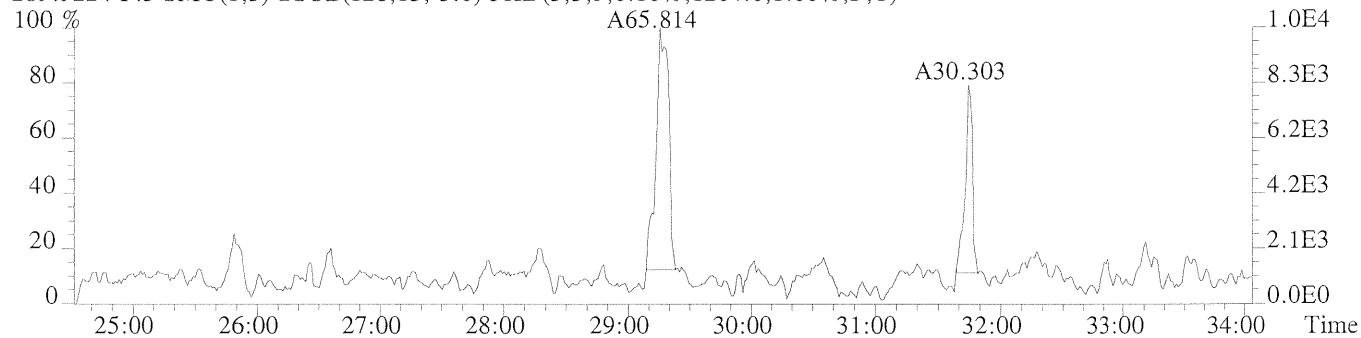


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

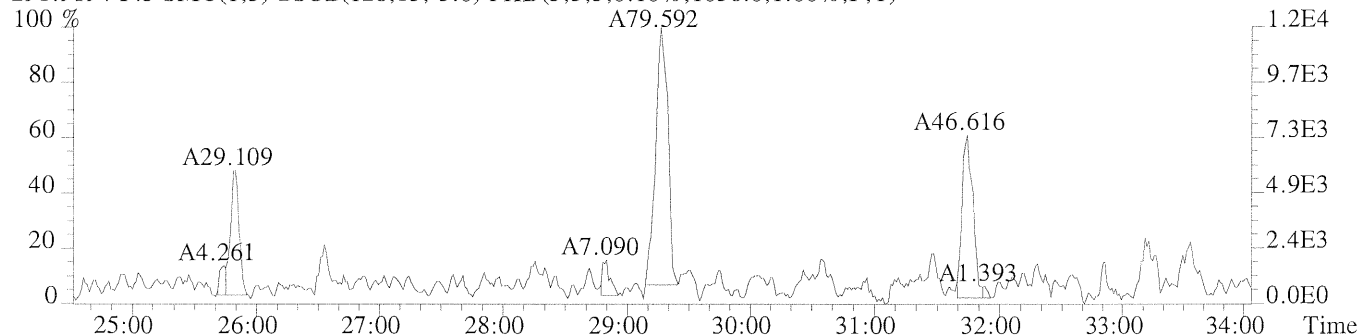


Sample#1 Exp:ICAL CS3

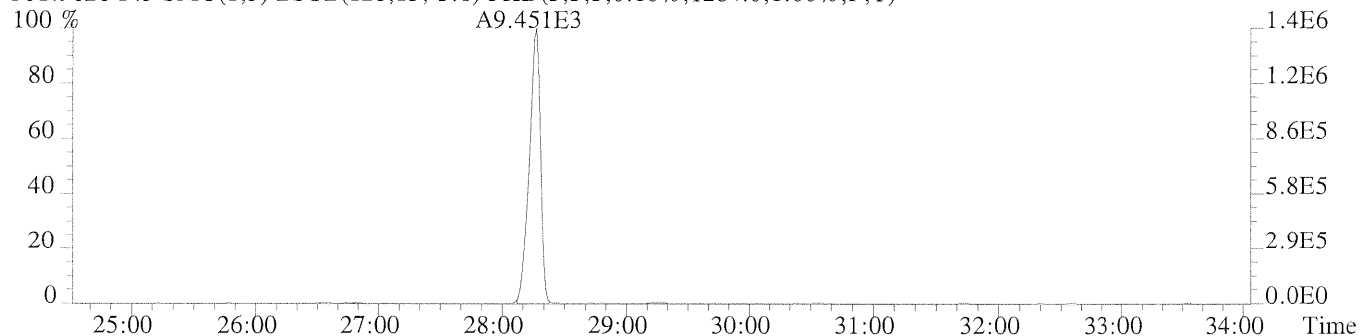
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1204.0,1.00%,F,T)



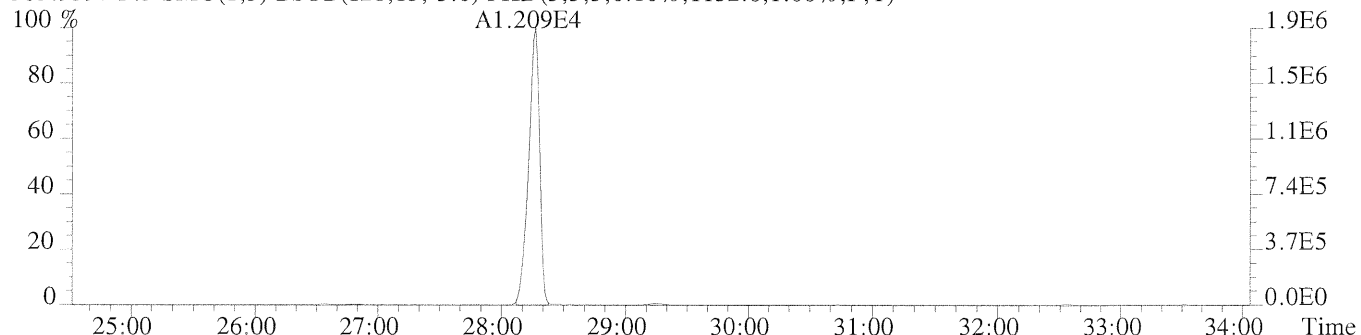
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1056.0,1.00%,F,T)



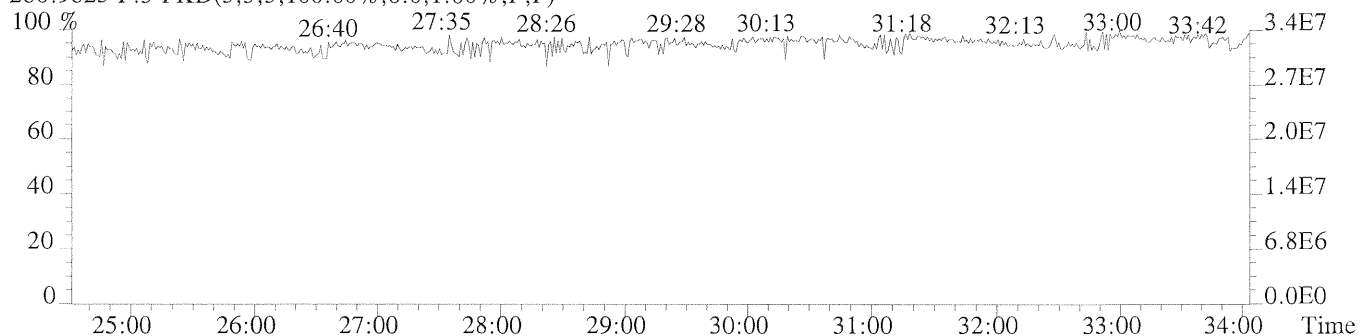
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1284.0,1.00%,F,T)



303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1152.0,1.00%,F,T)

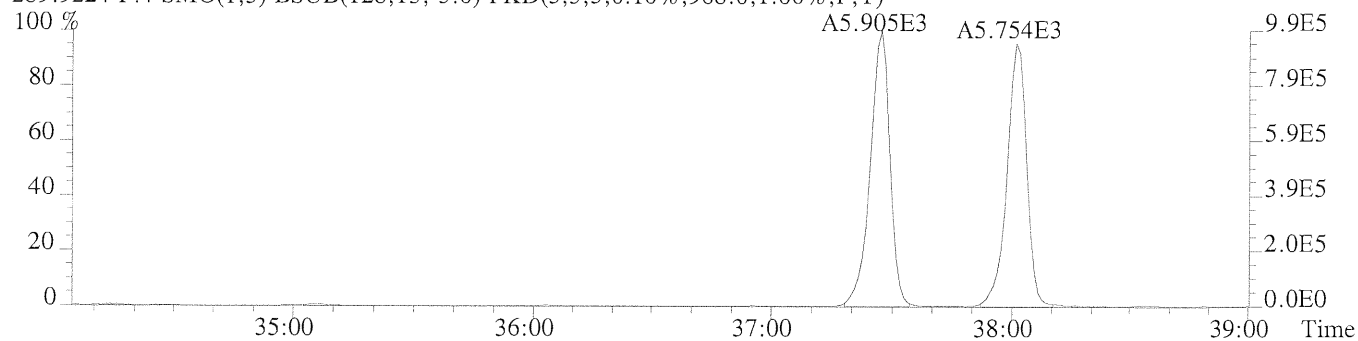


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

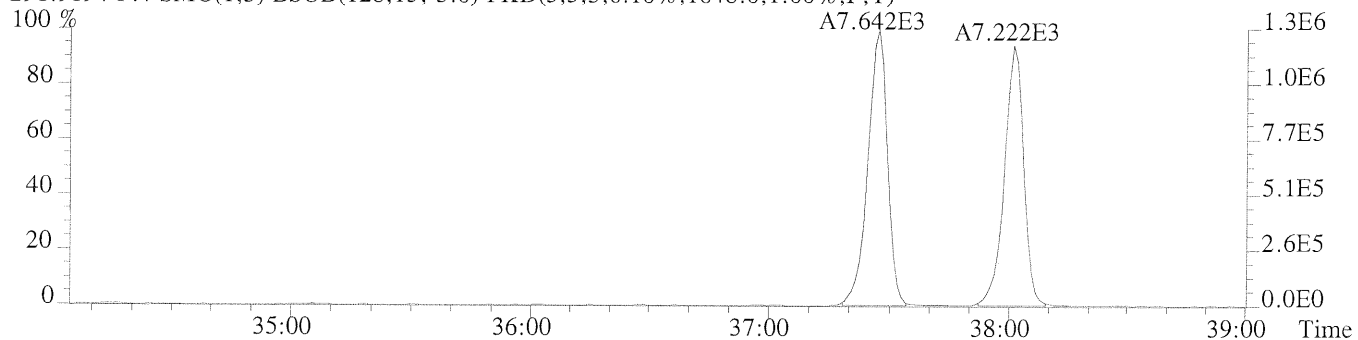


Sample#1 Exp:ICAL CS3

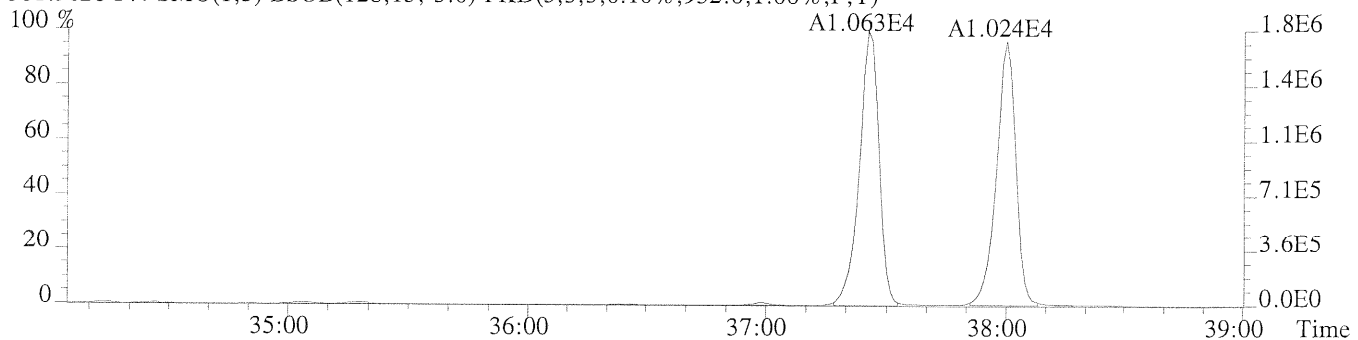
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,968.0,1.00%,F,T)



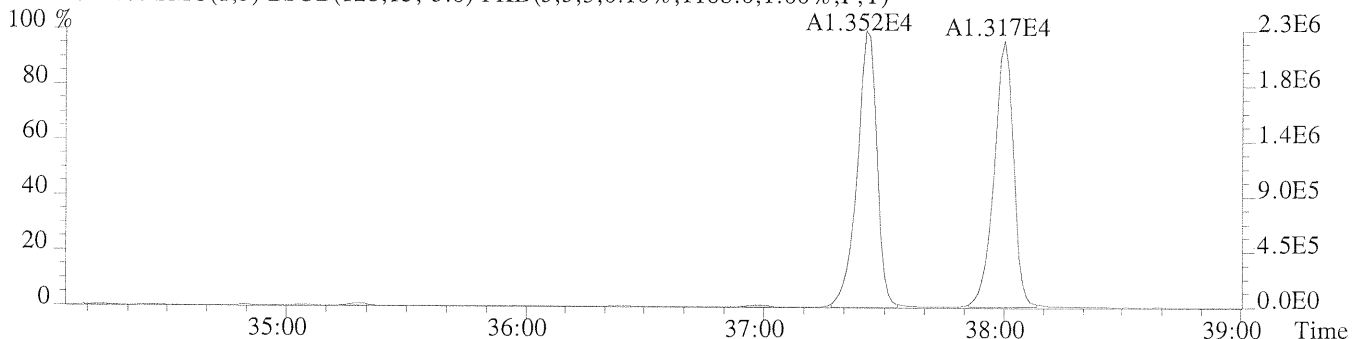
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1648.0,1.00%,F,T)



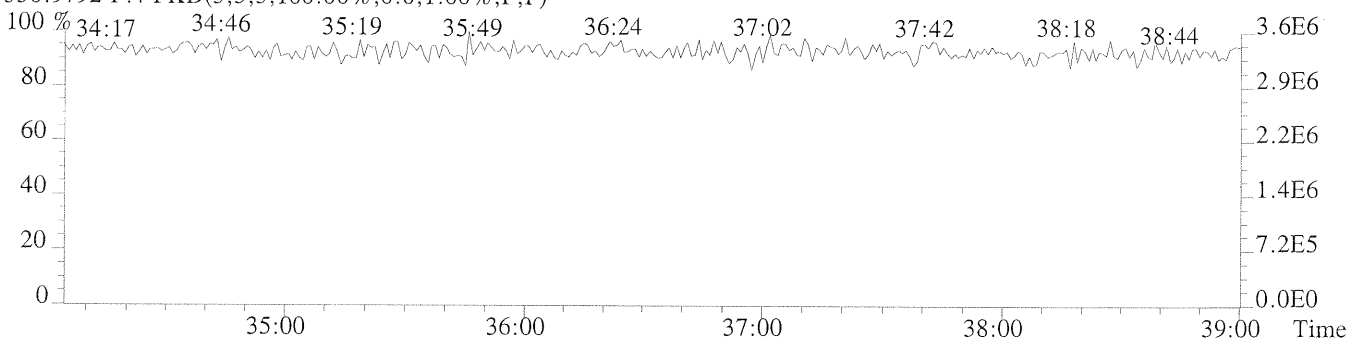
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,952.0,1.00%,F,T)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1168.0,1.00%,F,T)



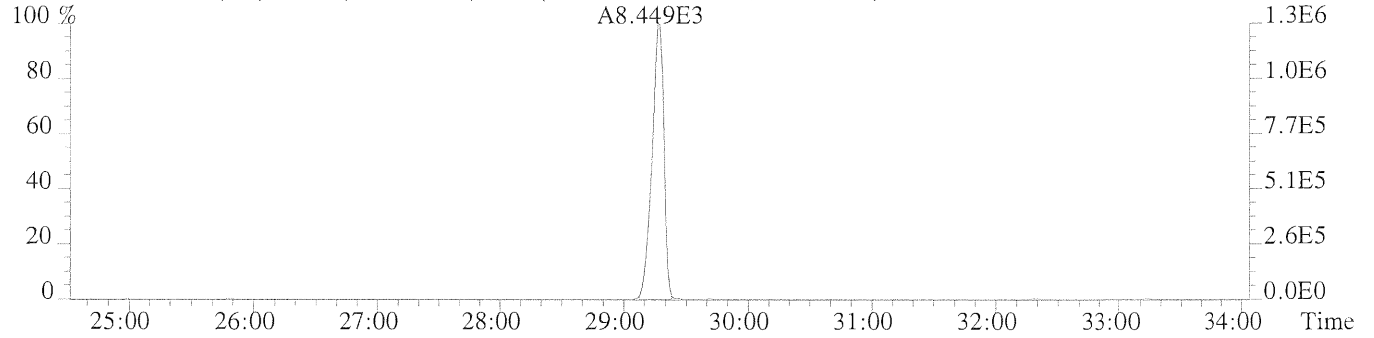
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



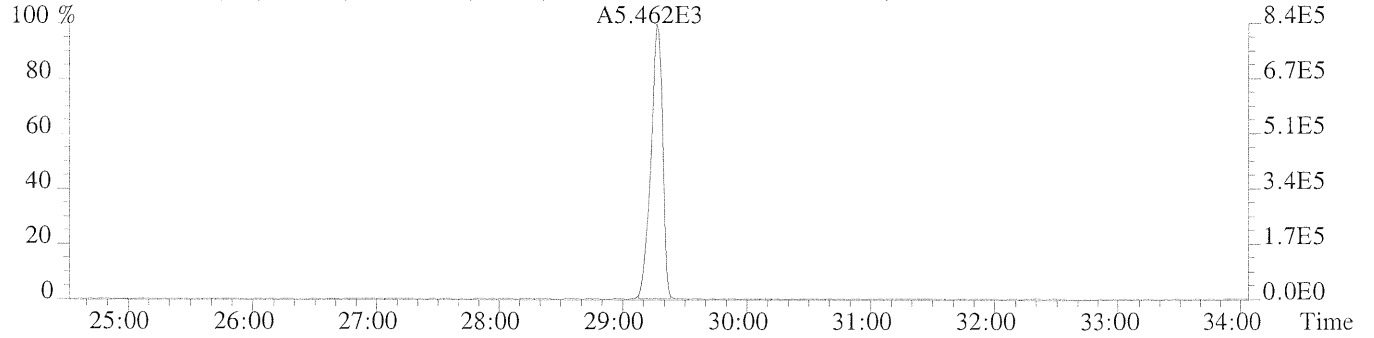
File:U221018 #1-610 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

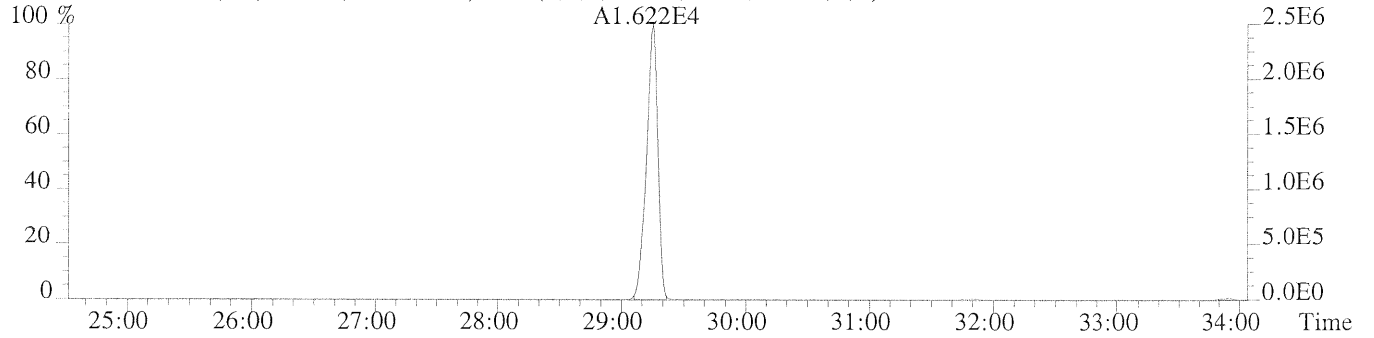
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,956.0,1.00%,F,T)



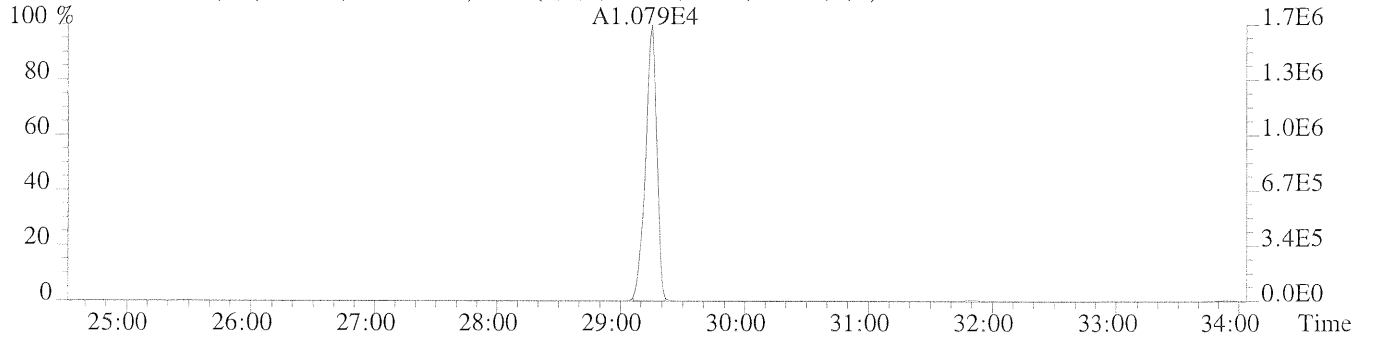
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1360.0,1.00%,F,T)



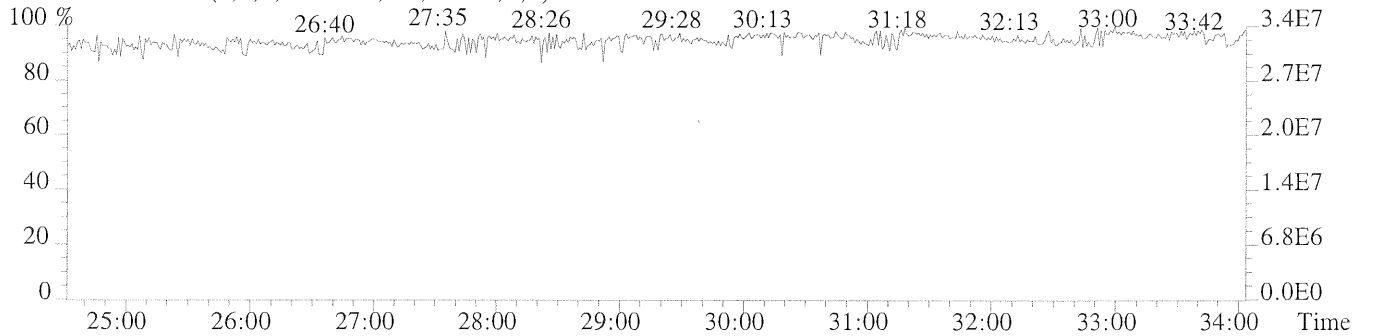
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,776.0,1.00%,F,T)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,804.0,1.00%,F,T)



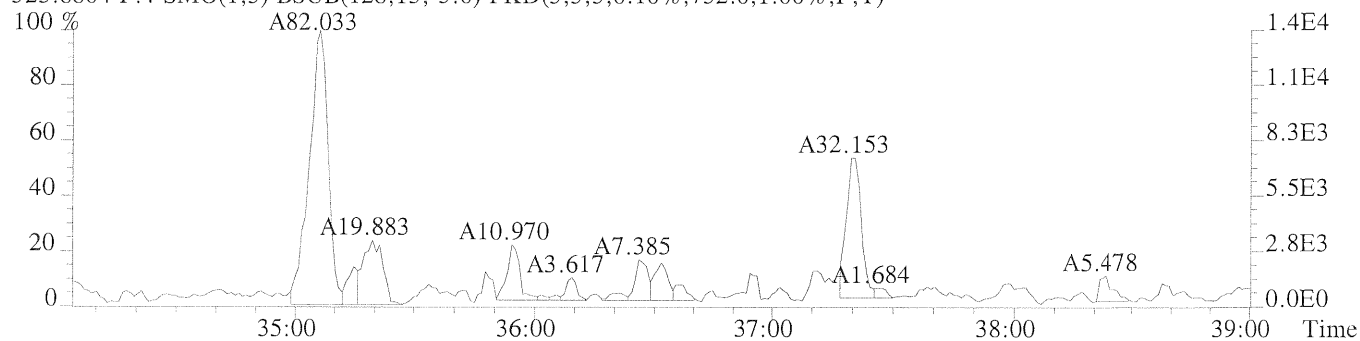
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



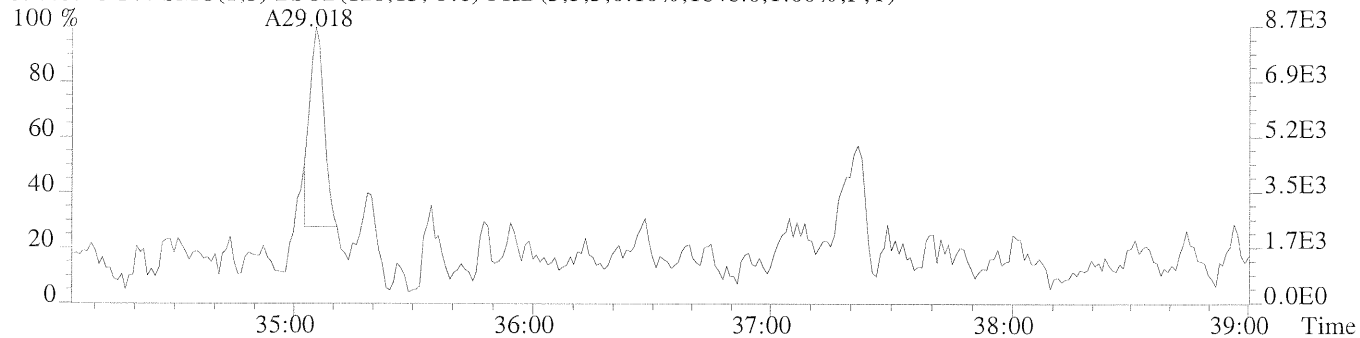
File:U221018 #1-316 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

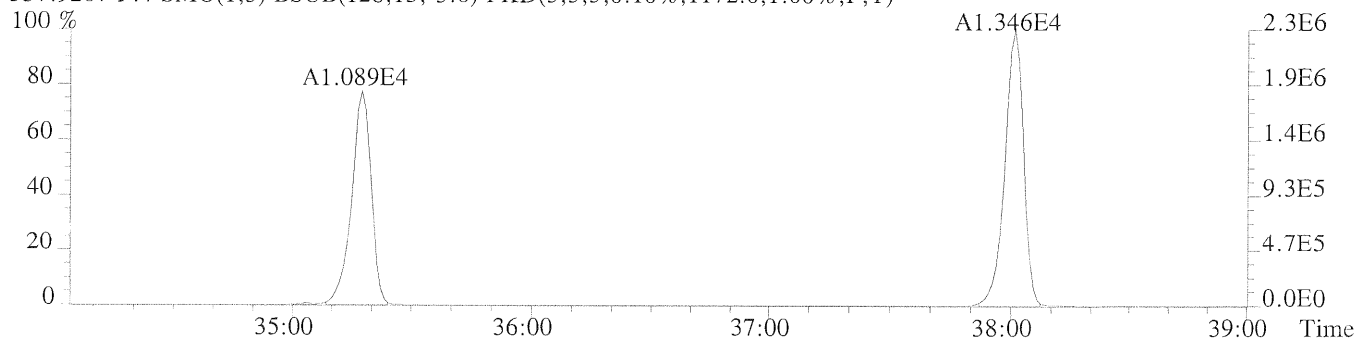
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,732.0,1.00%,F,T)



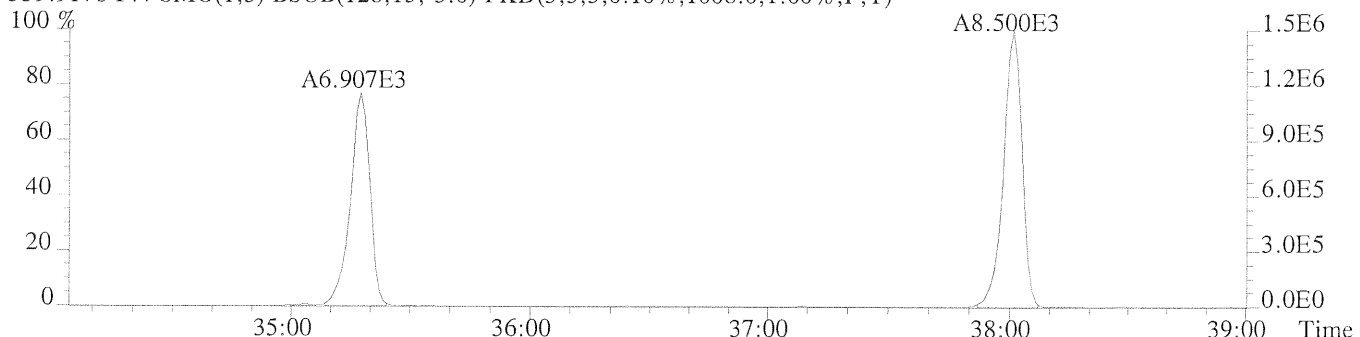
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1848.0,1.00%,F,T)



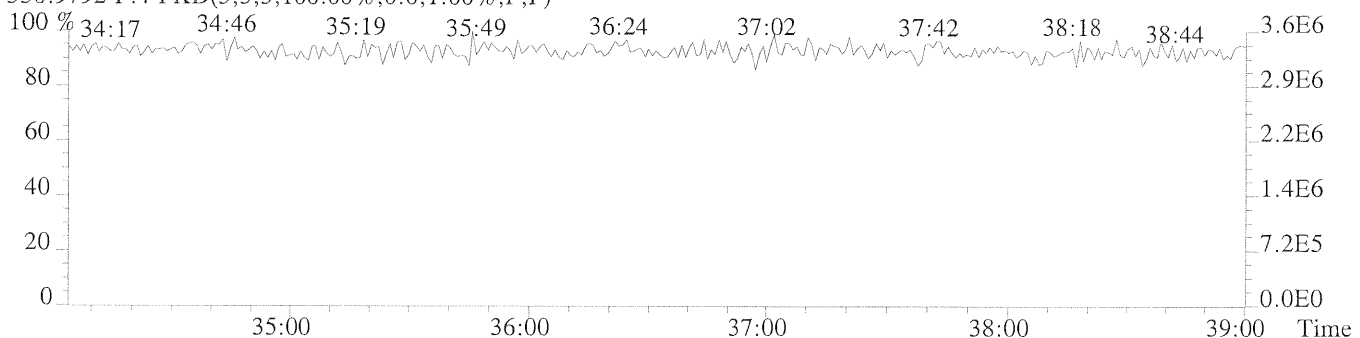
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1172.0,1.00%,F,T)



339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1008.0,1.00%,F,T)



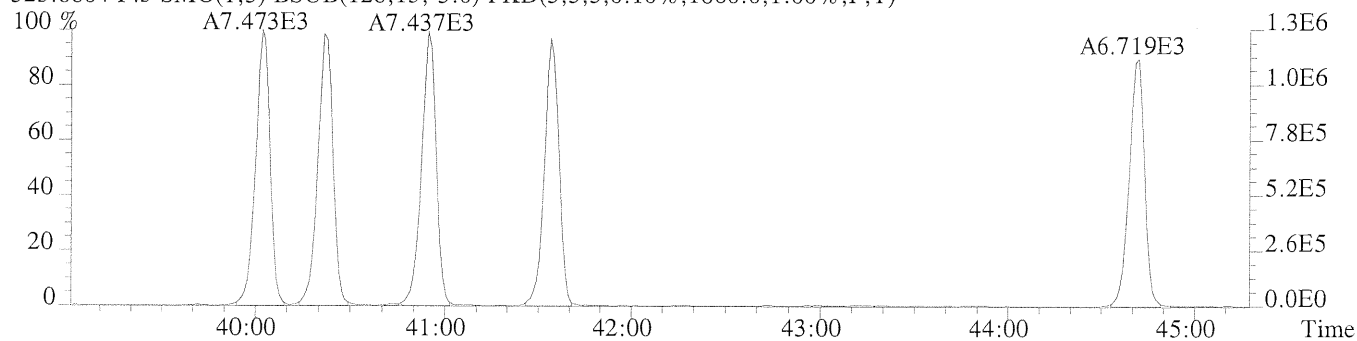
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



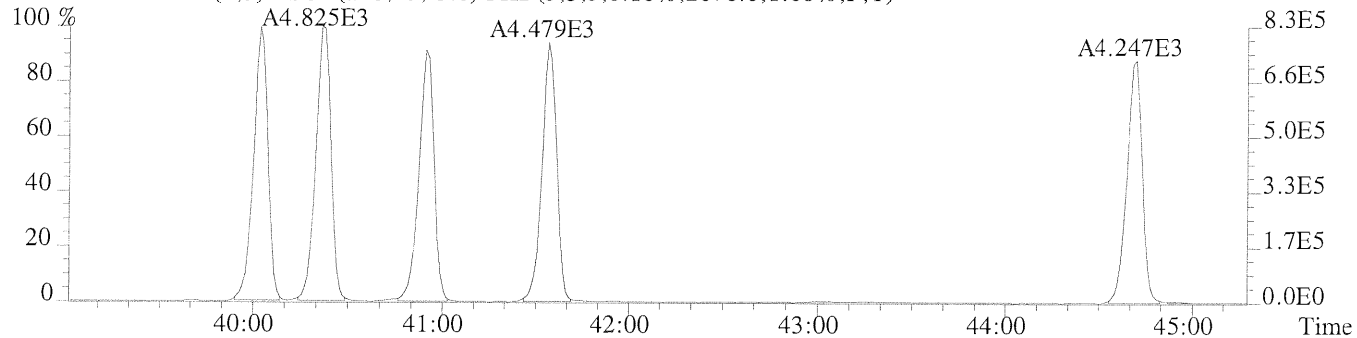
File:U221018 #1-402 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

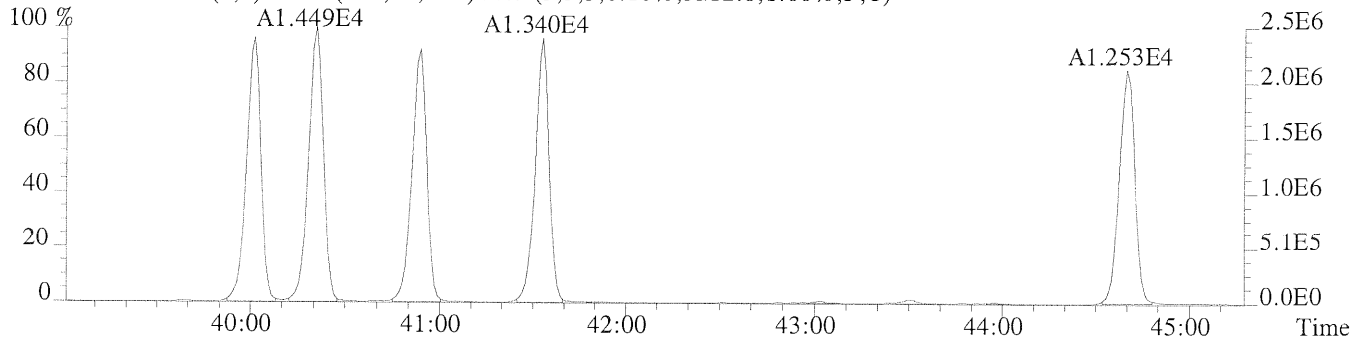
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1660.0,1.00%,F,T)



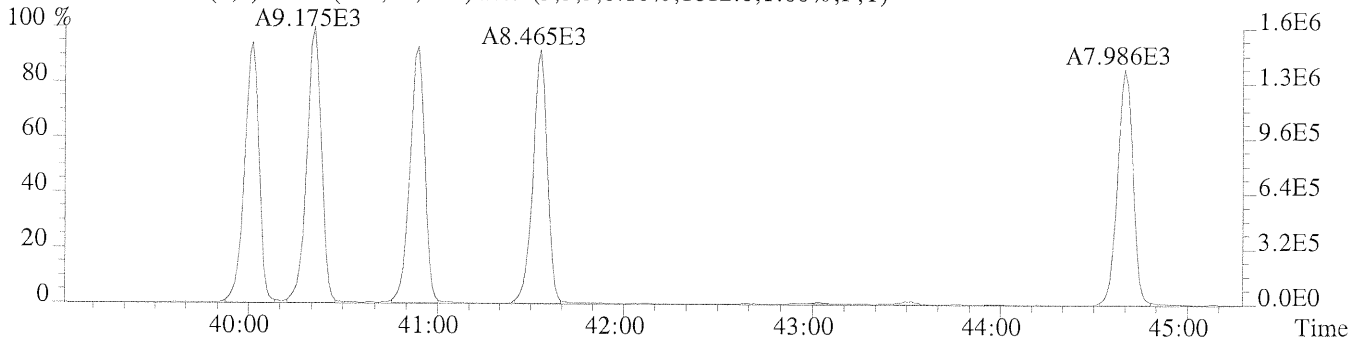
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2076.0,1.00%,F,T)



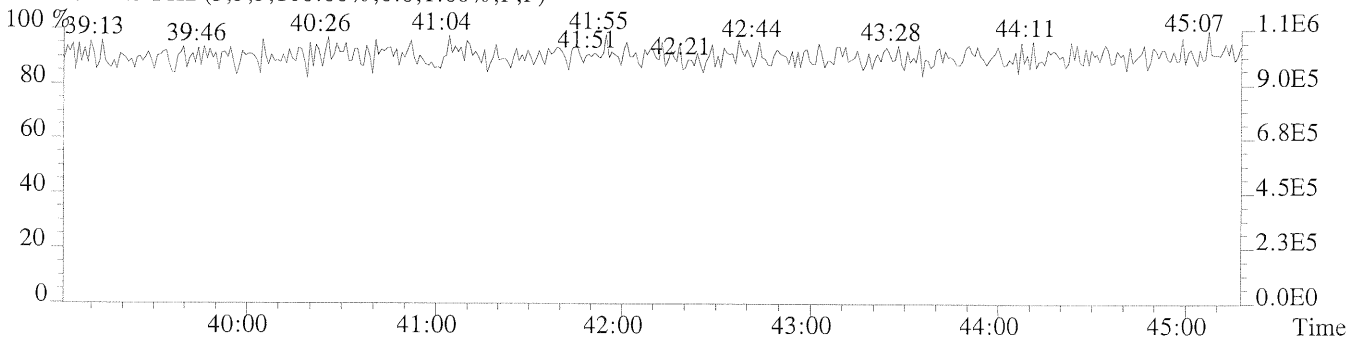
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3212.0,1.00%,F,T)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1812.0,1.00%,F,T)



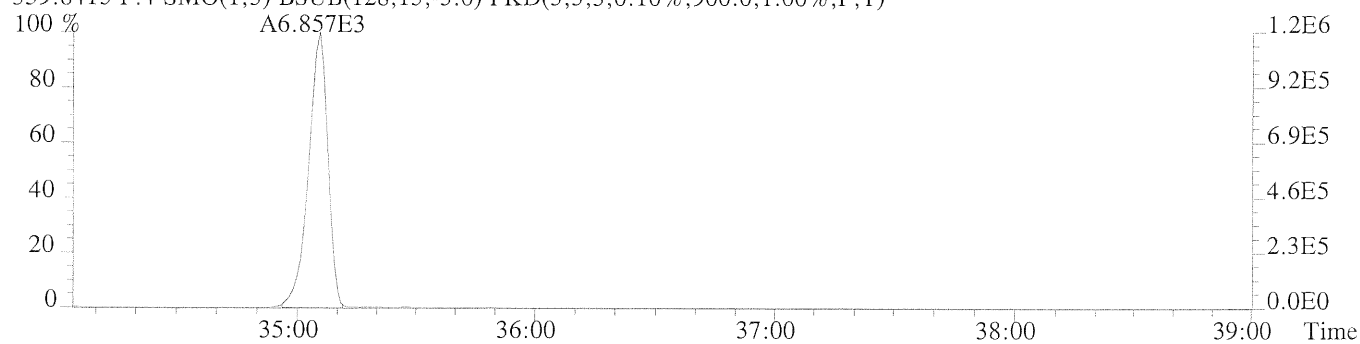
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



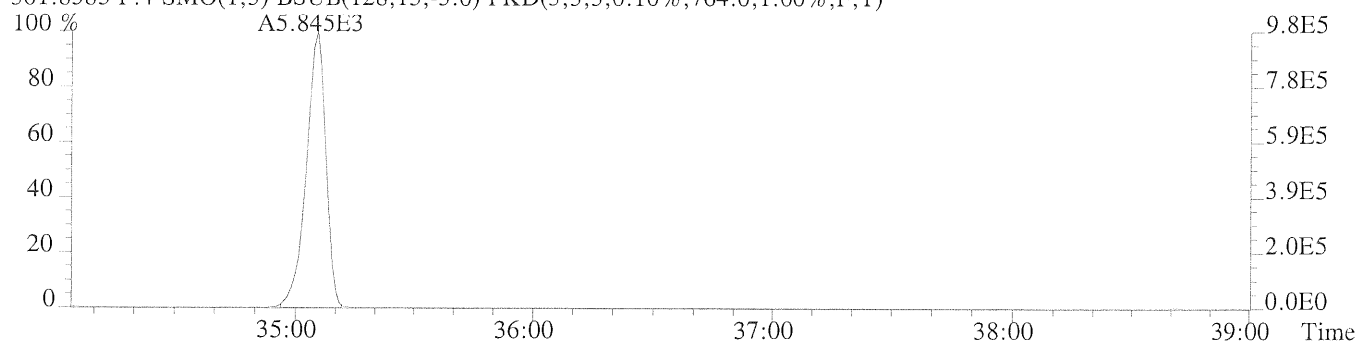
File:U221018 #1-316 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

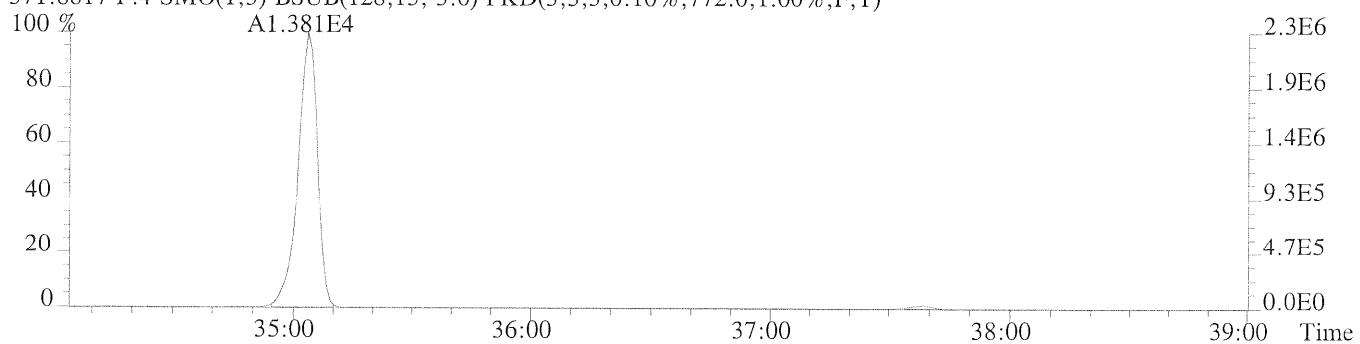
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,900.0,1.00%,F,T)



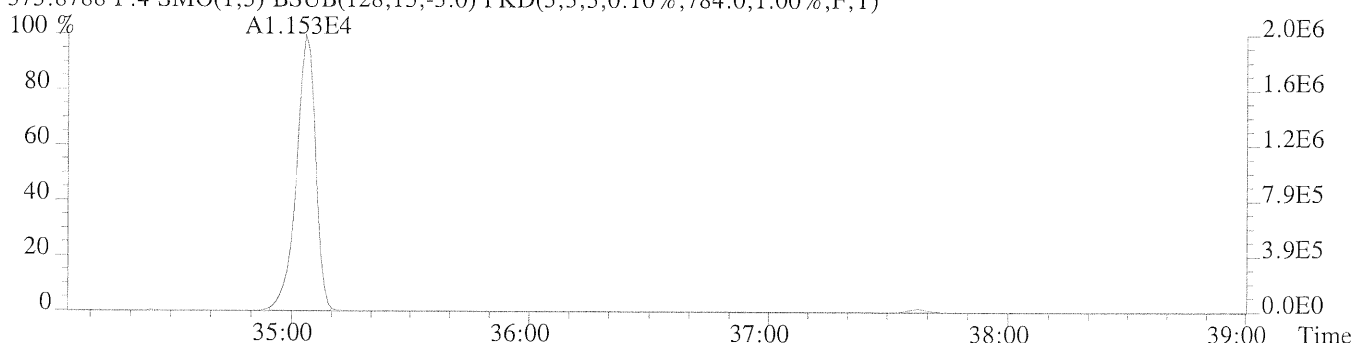
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,764.0,1.00%,F,T)



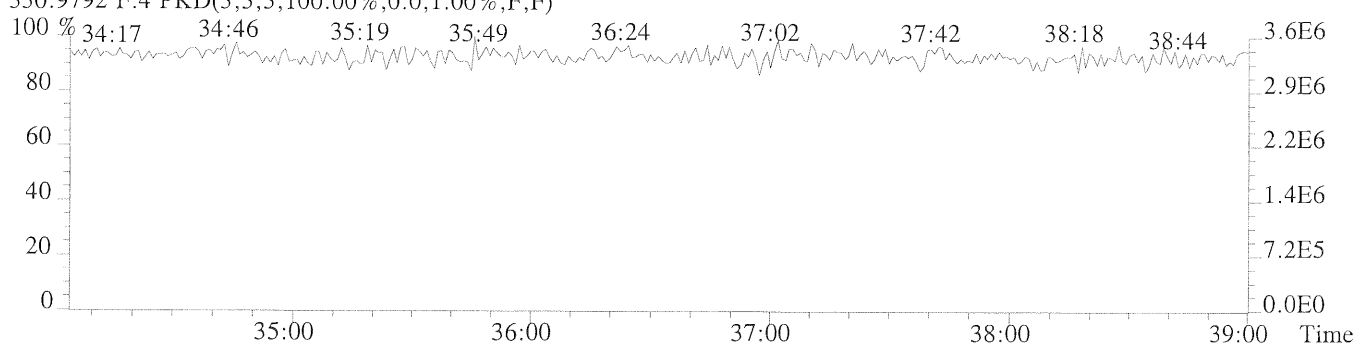
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,772.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,784.0,1.00%,F,T)



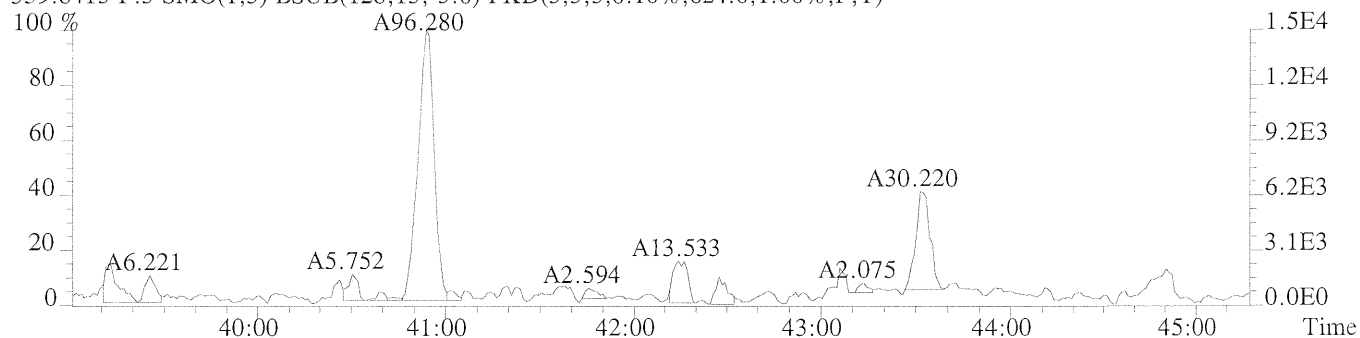
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



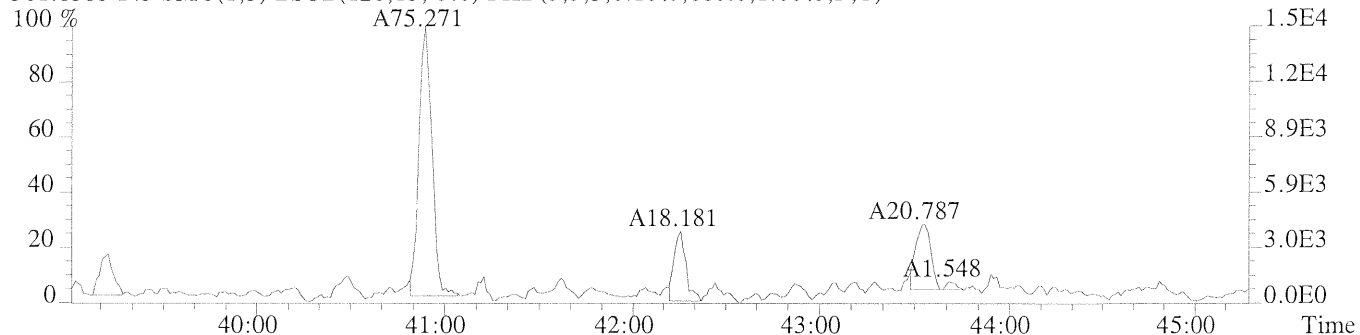
File:U221018 #1-402 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

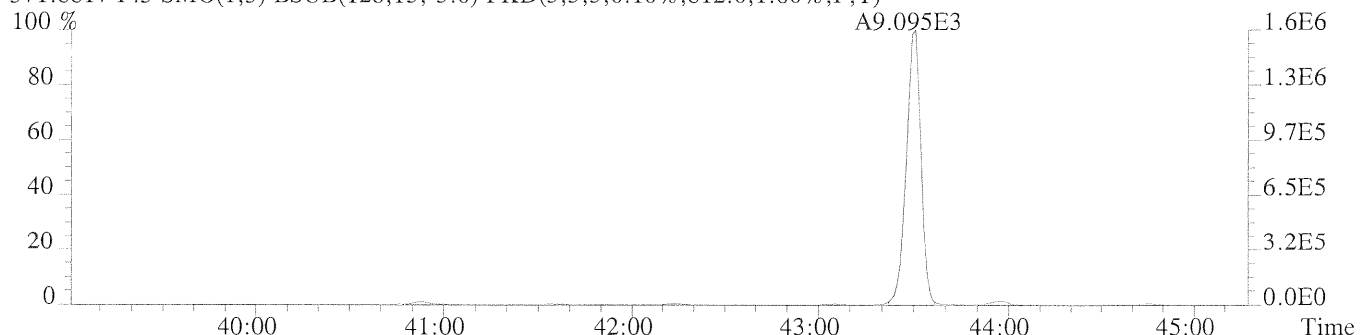
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,624.0,1.00%,F,T)



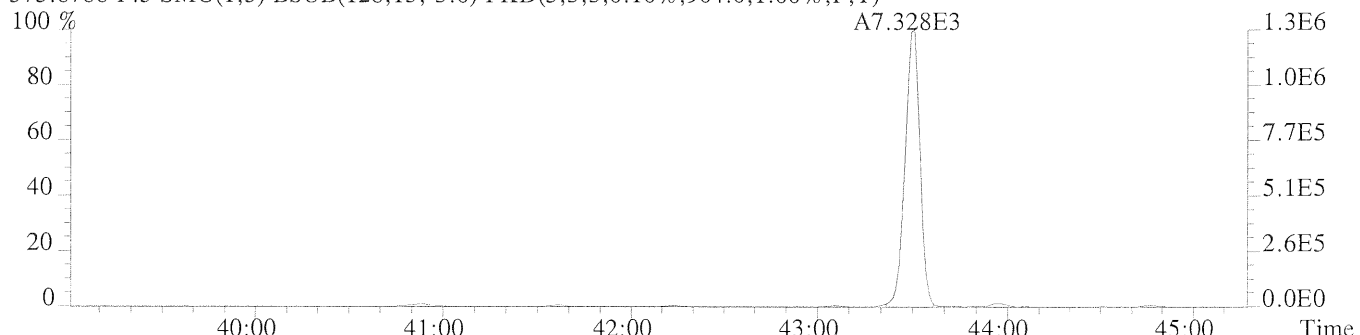
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,680.0,1.00%,F,T)



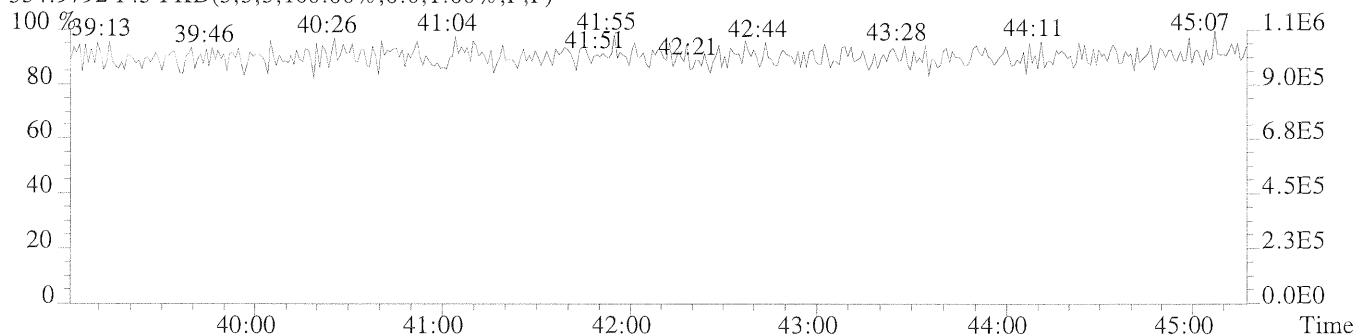
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,812.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,904.0,1.00%,F,T)



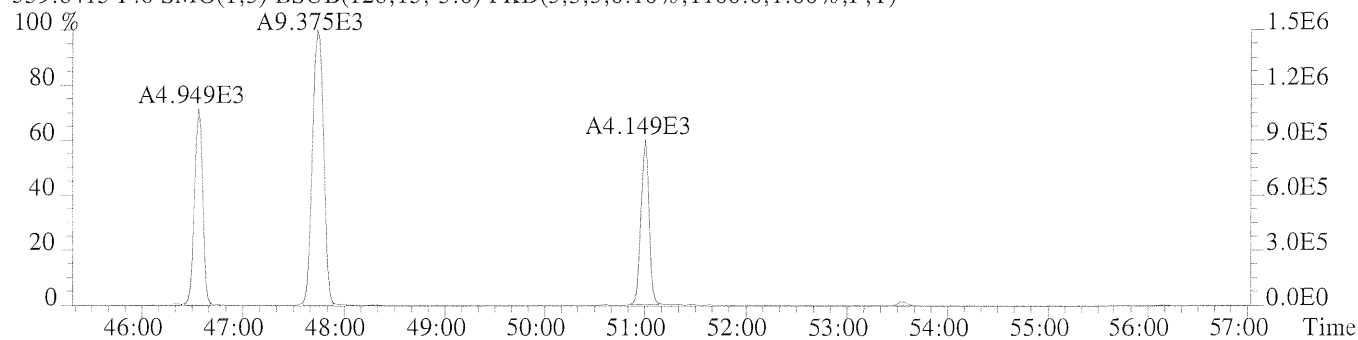
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



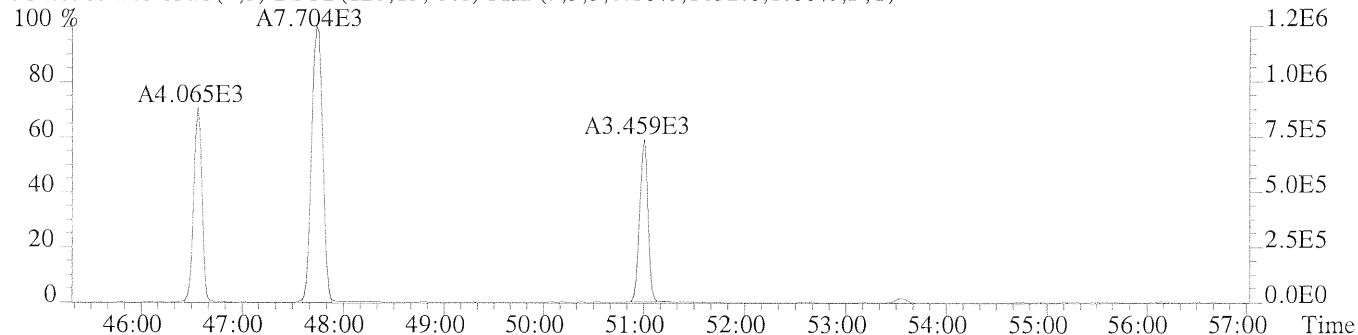
File:U221018 #1-581 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

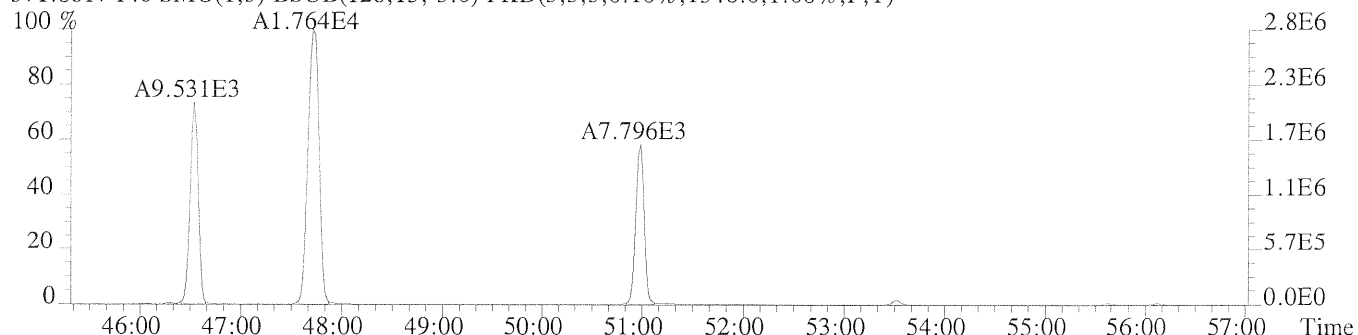
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1100.0,1.00%,F,T)



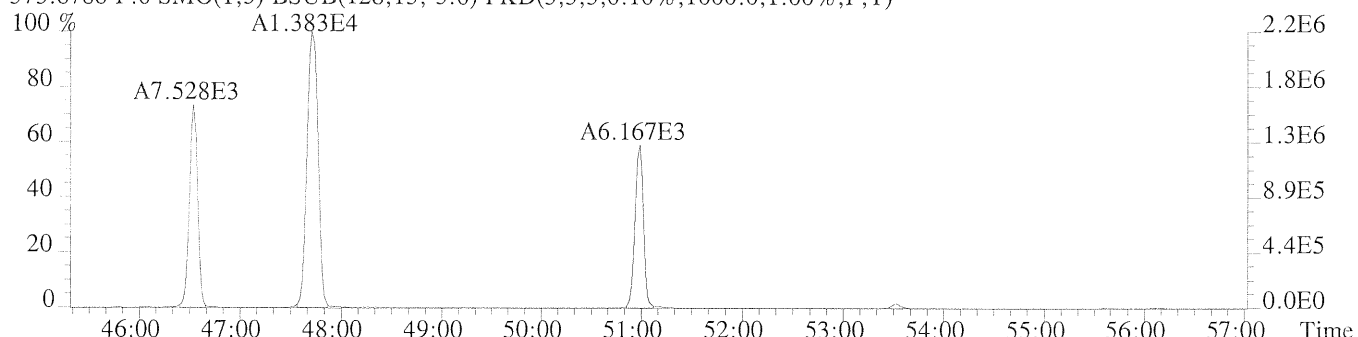
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1632.0,1.00%,F,T)



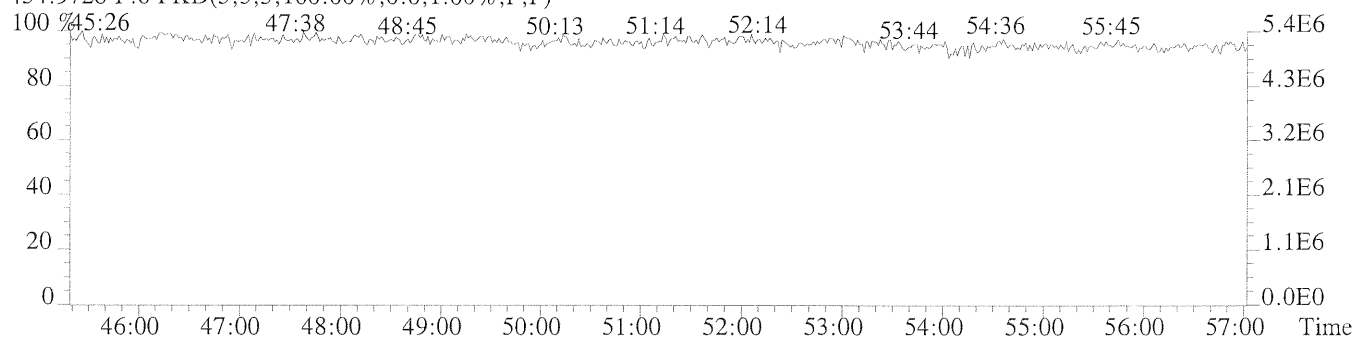
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1348.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1000.0,1.00%,F,T)



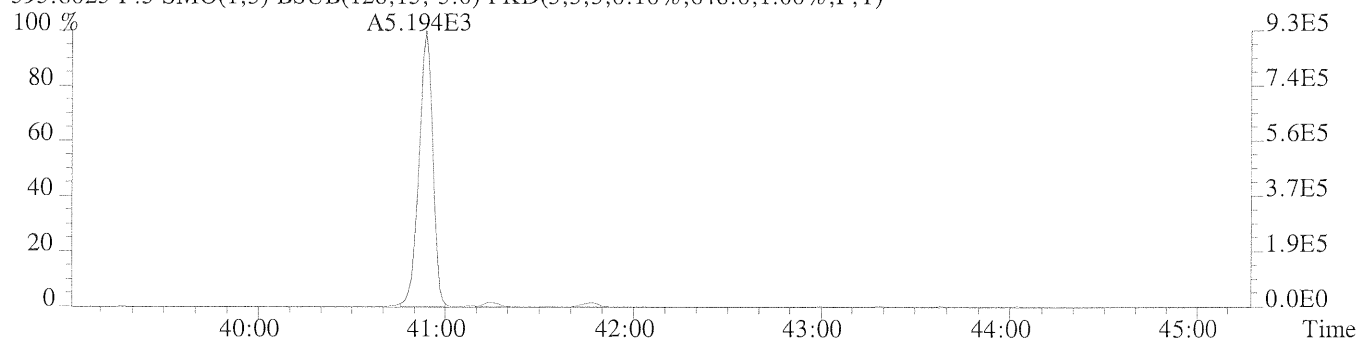
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



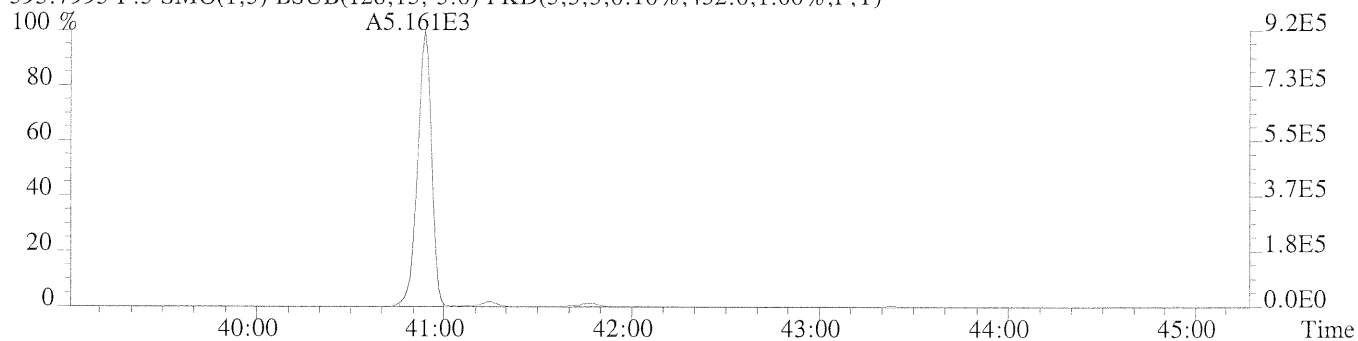
File:U221018 #1-402 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

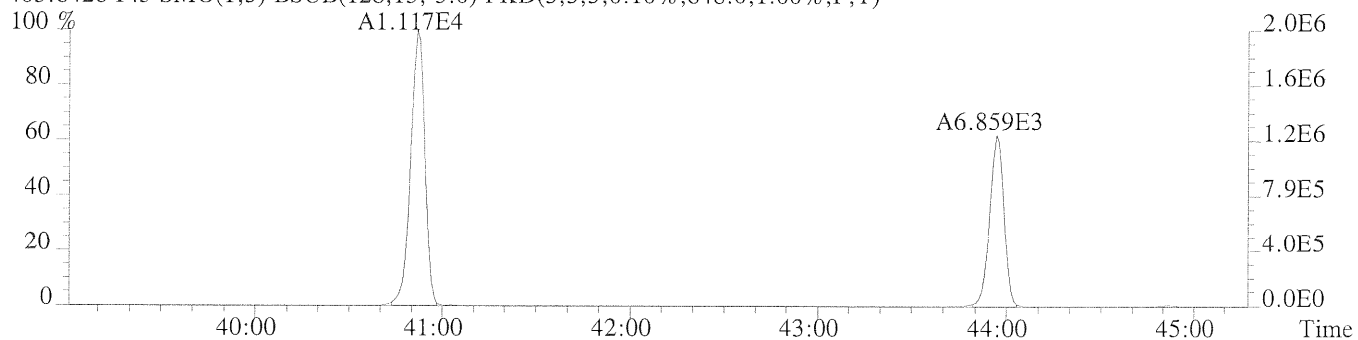
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,648.0,1.00%,F,T)



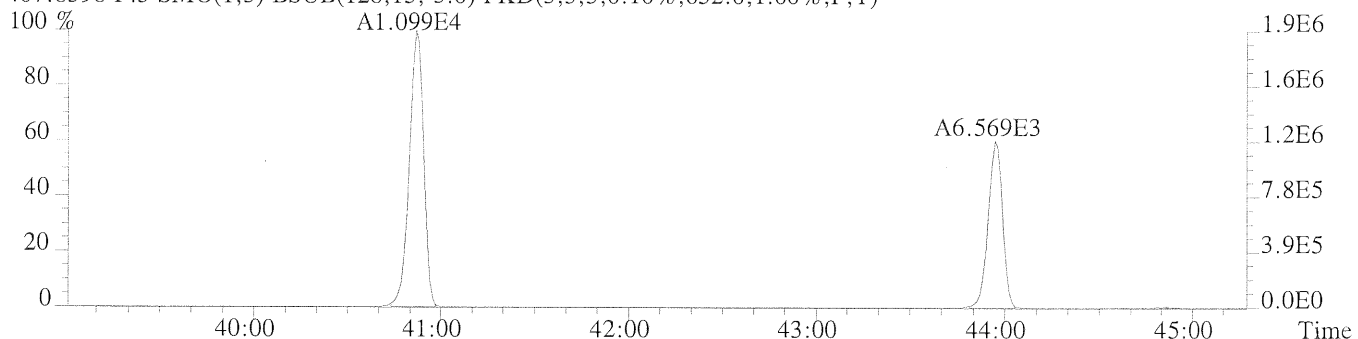
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,432.0,1.00%,F,T)



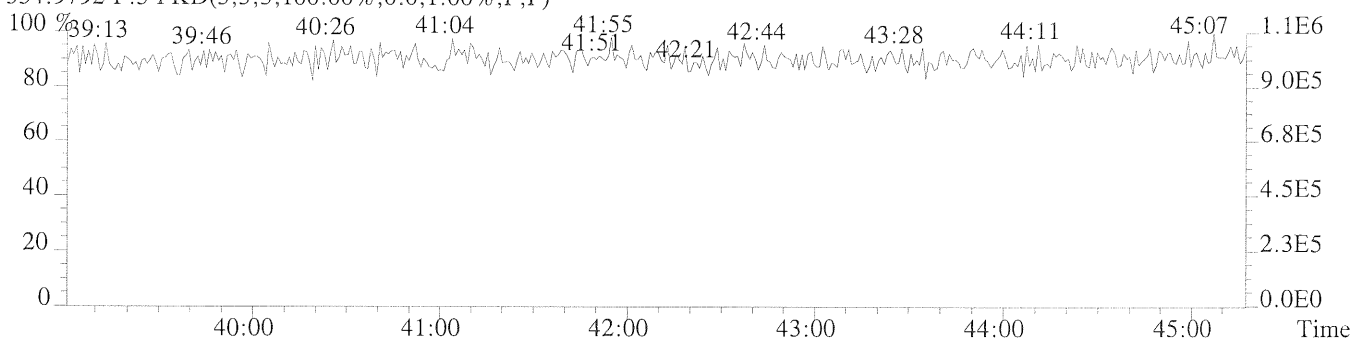
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,848.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,652.0,1.00%,F,T)



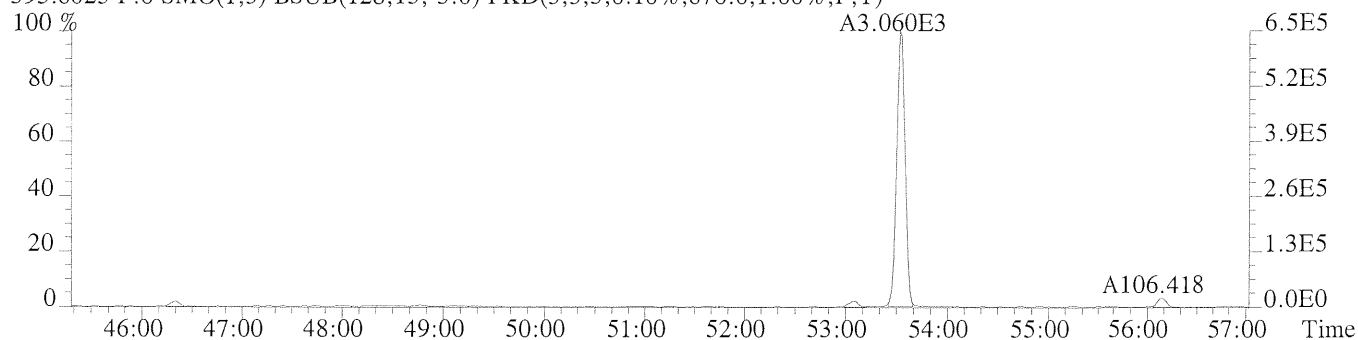
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



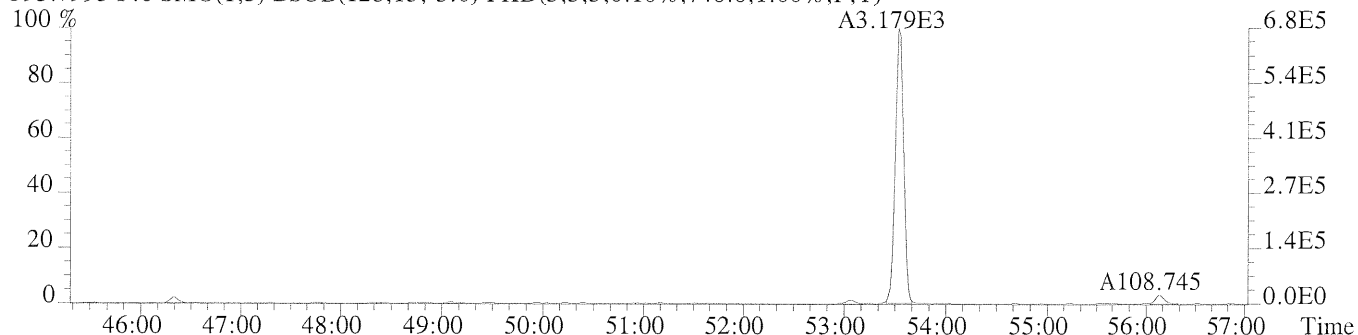
File:U221018 #1-581 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

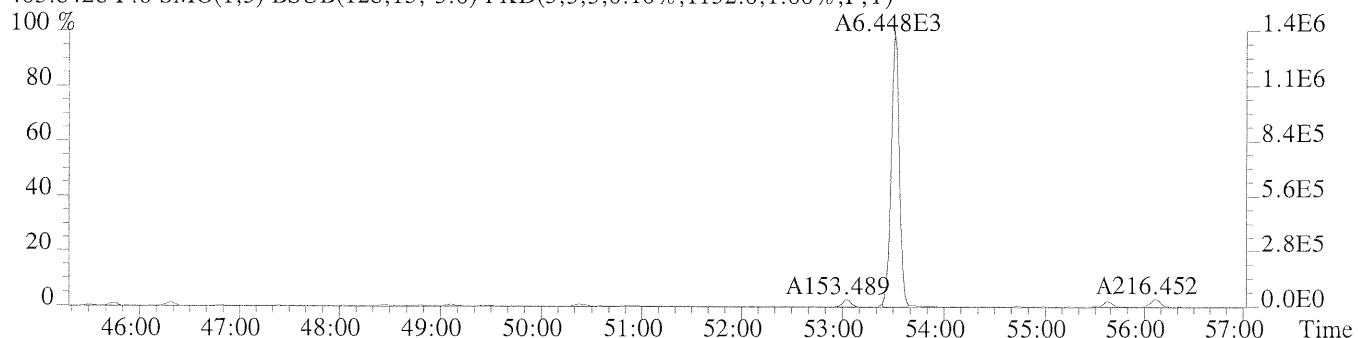
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,876.0,1.00%,F,T)



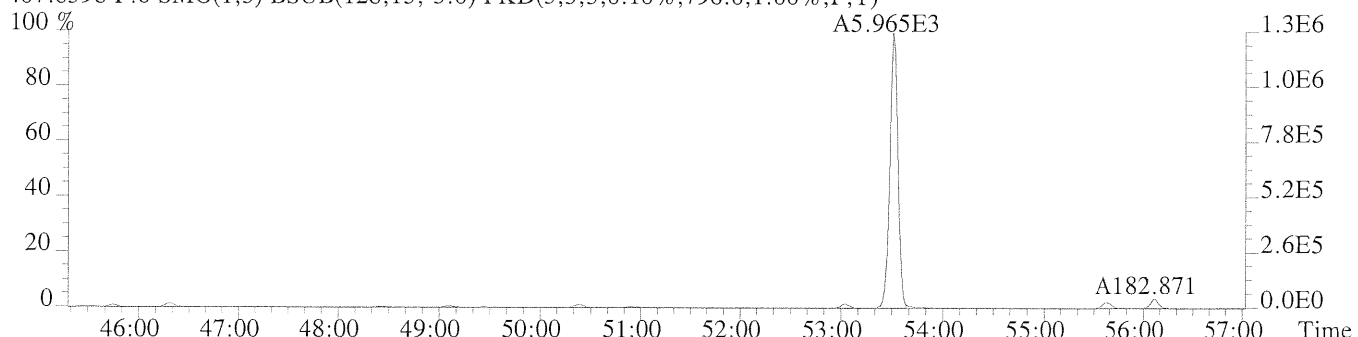
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,740.0,1.00%,F,T)



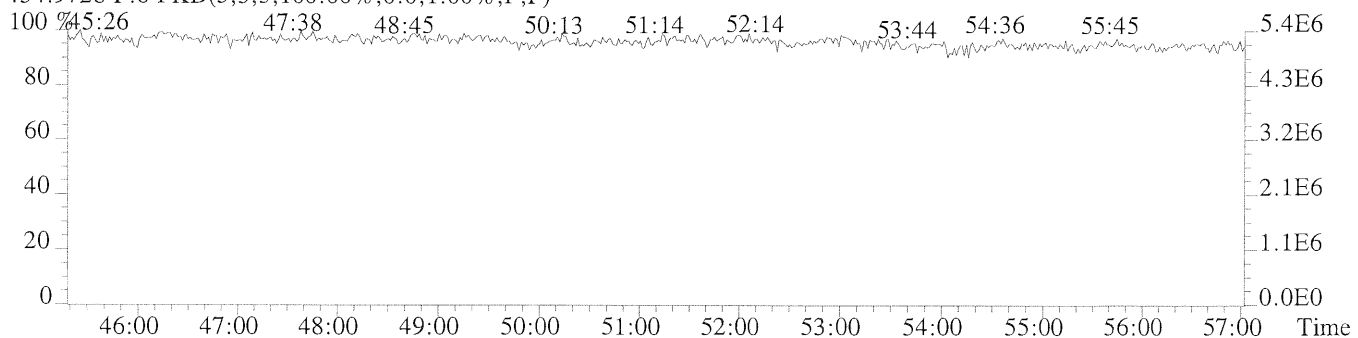
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1132.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,796.0,1.00%,F,T)



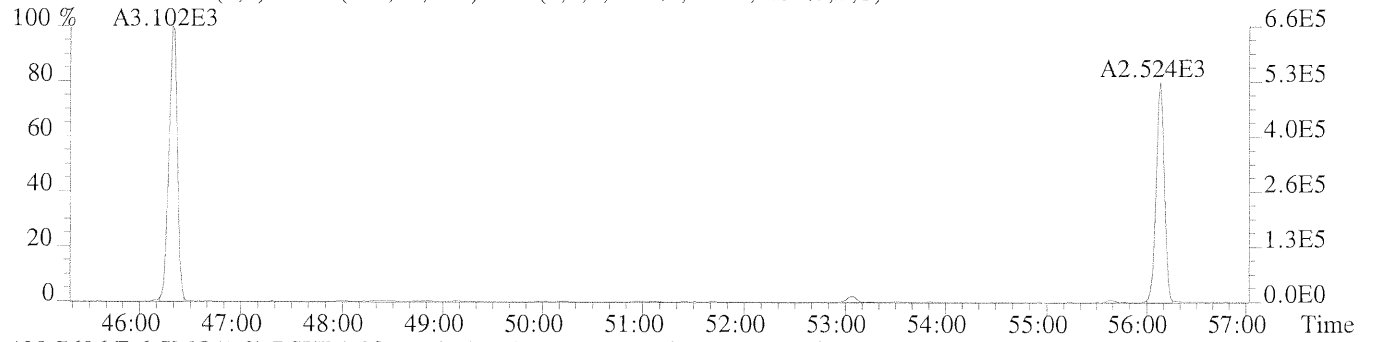
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



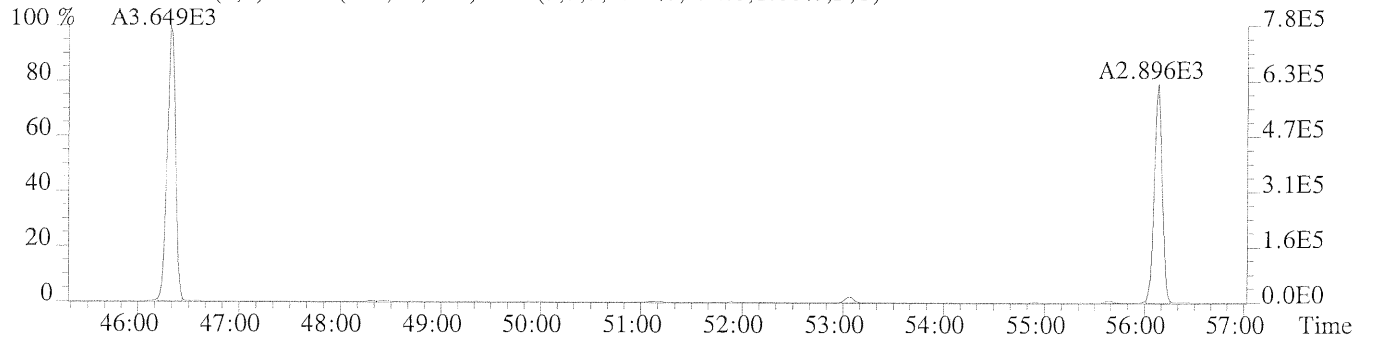
File:U221018 #1-581 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

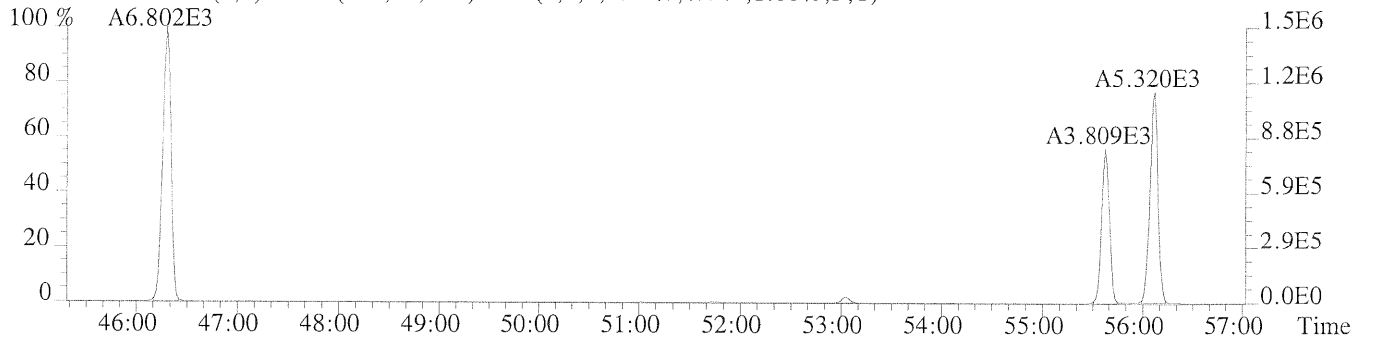
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,728.0,1.00%,F,T)



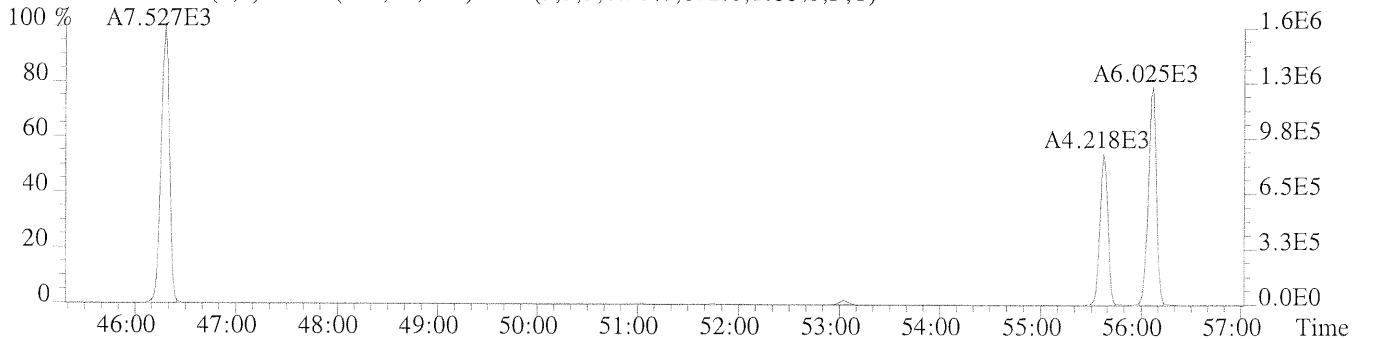
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,724.0,1.00%,F,T)



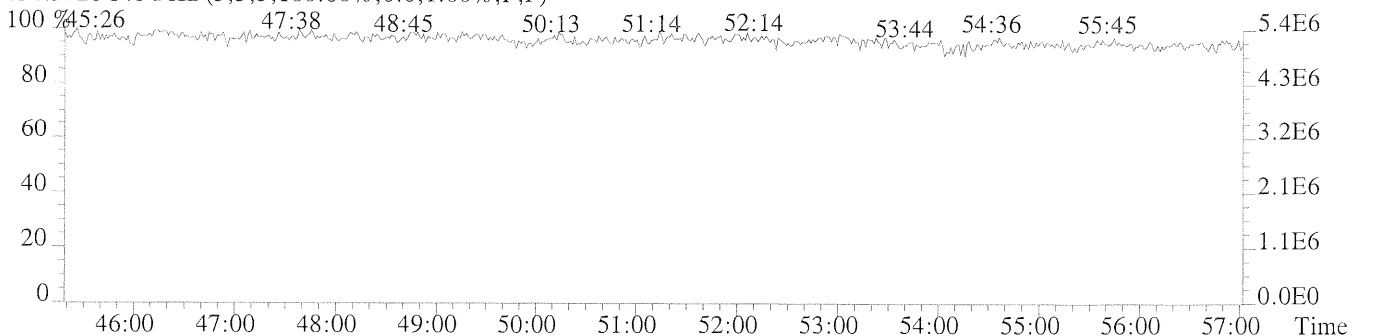
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,692.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,672.0,1.00%,F,T)



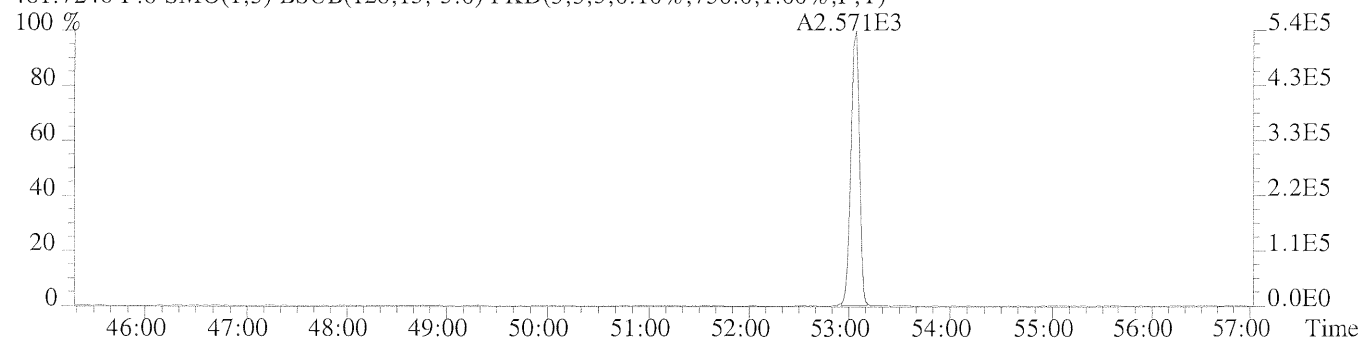
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



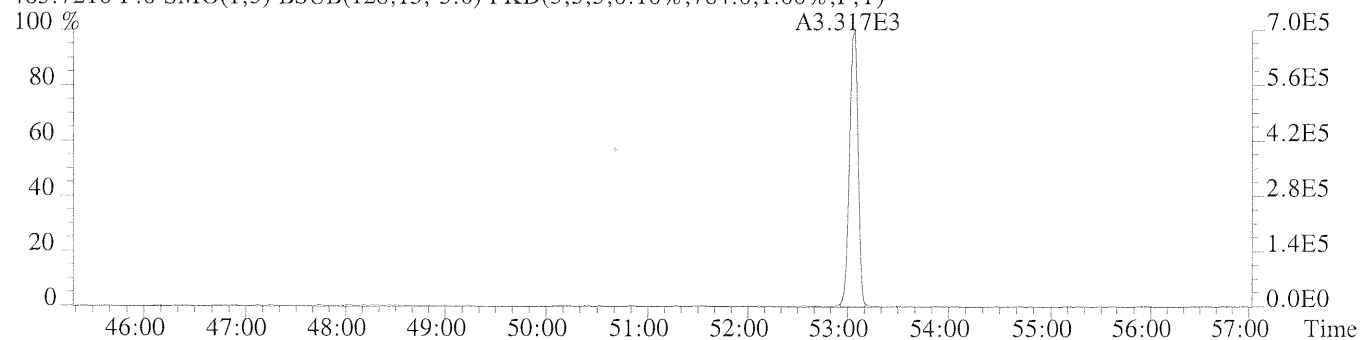
File:U221018 #1-581 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

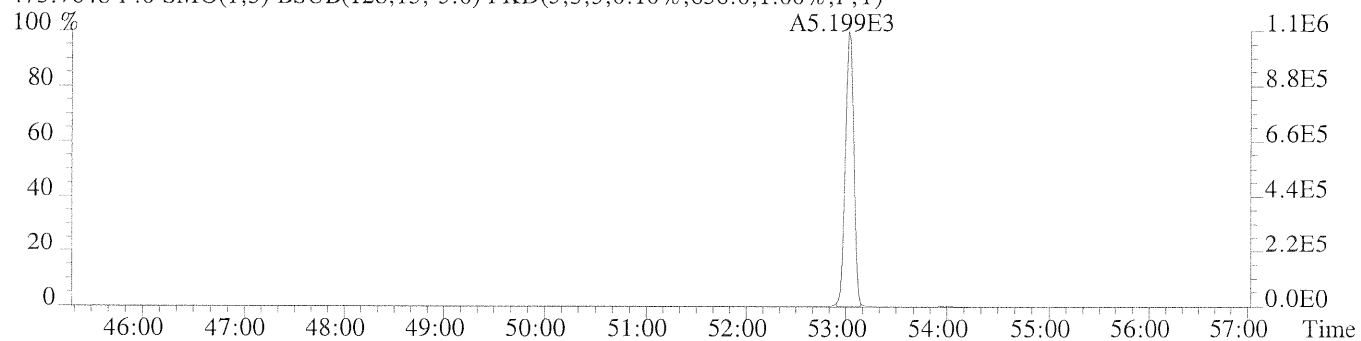
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,756.0,1.00%,F,T)



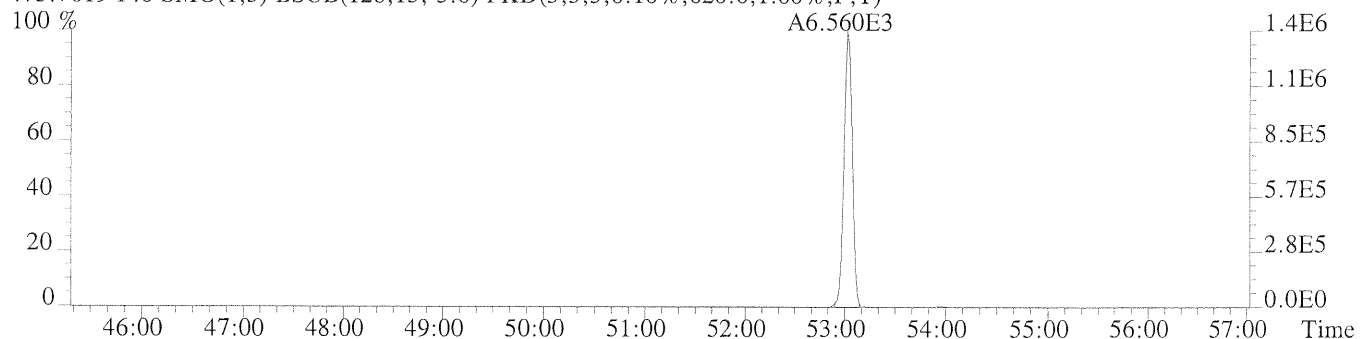
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,784.0,1.00%,F,T)



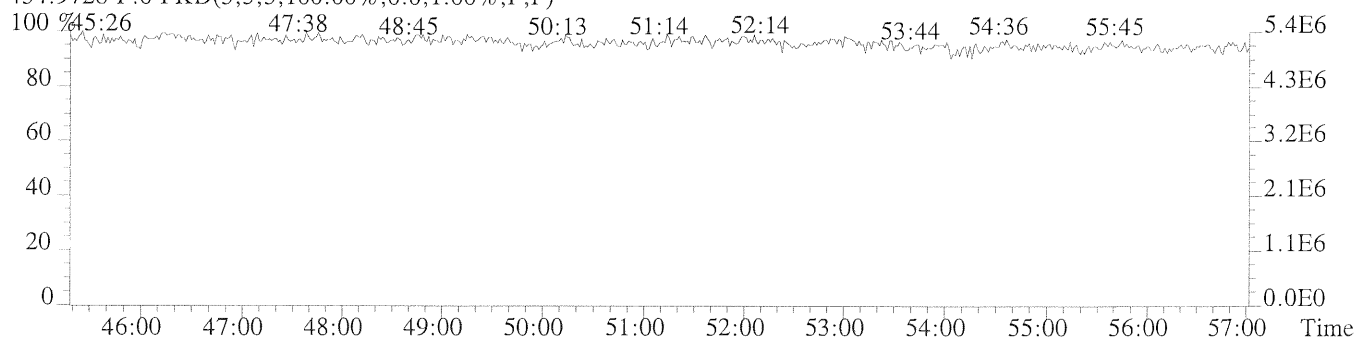
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,636.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,620.0,1.00%,F,T)



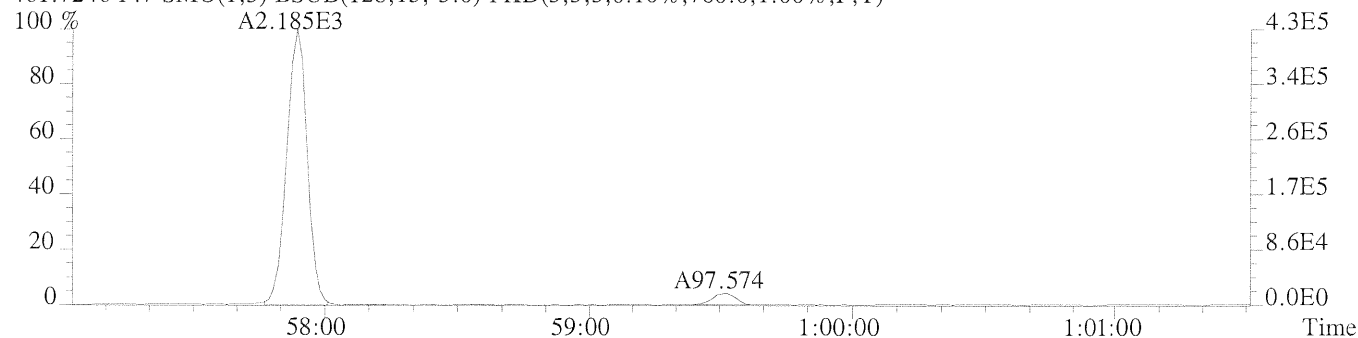
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



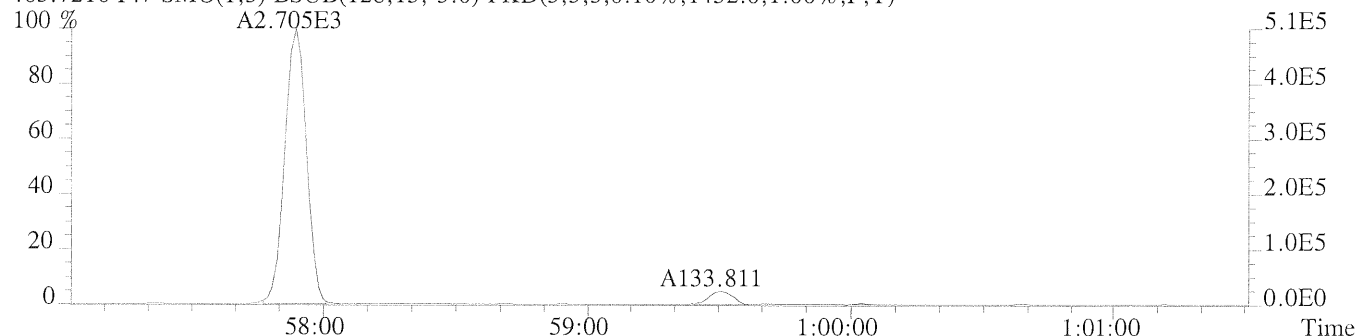
File:U221018 #1-253 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

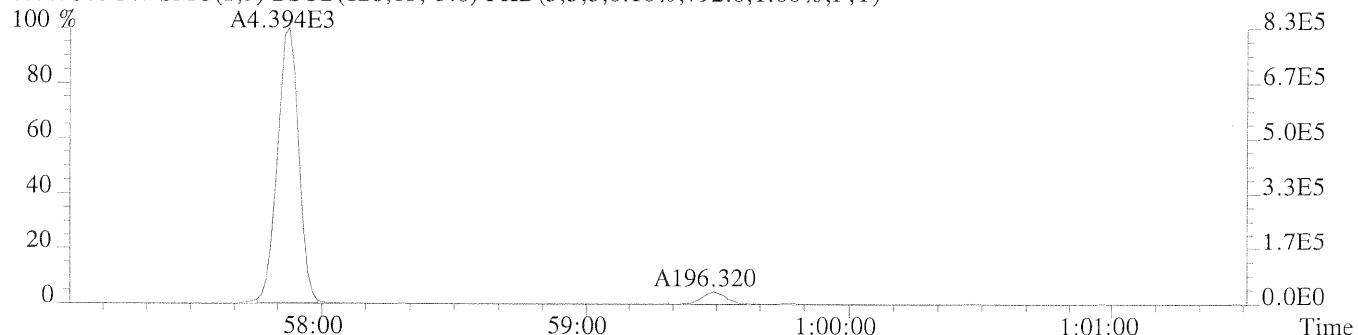
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,760.0,1.00%,F,T)



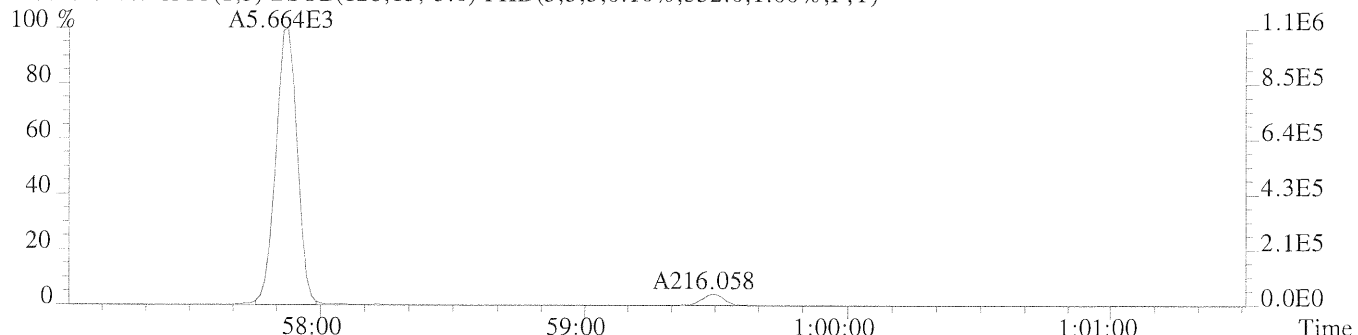
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1452.0,1.00%,F,T)



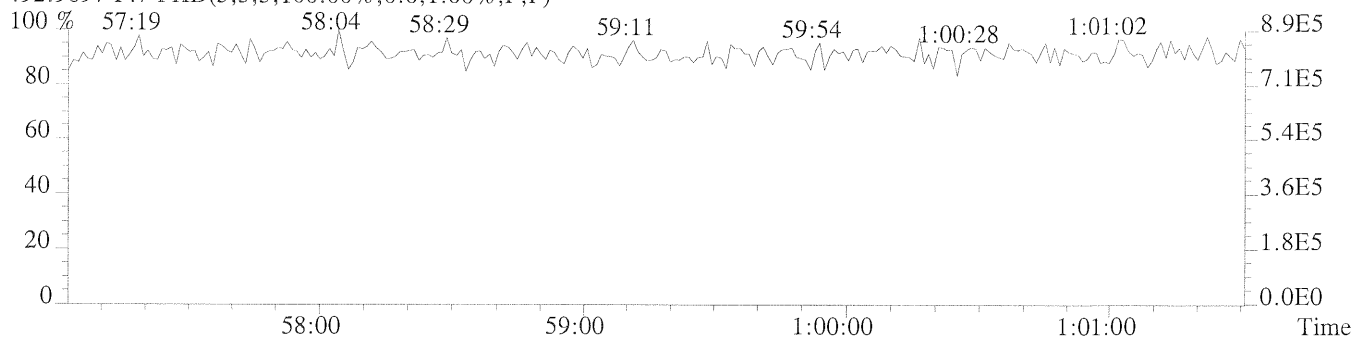
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,792.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,552.0,1.00%,F,T)



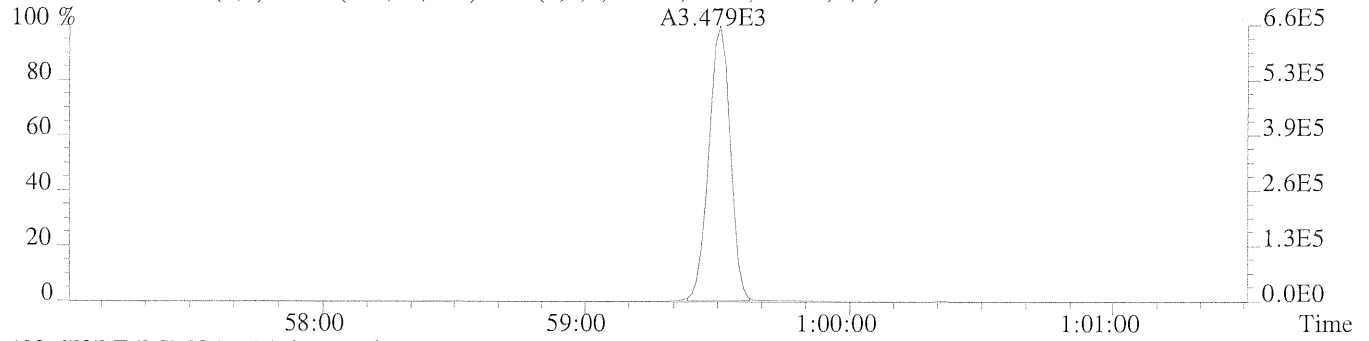
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



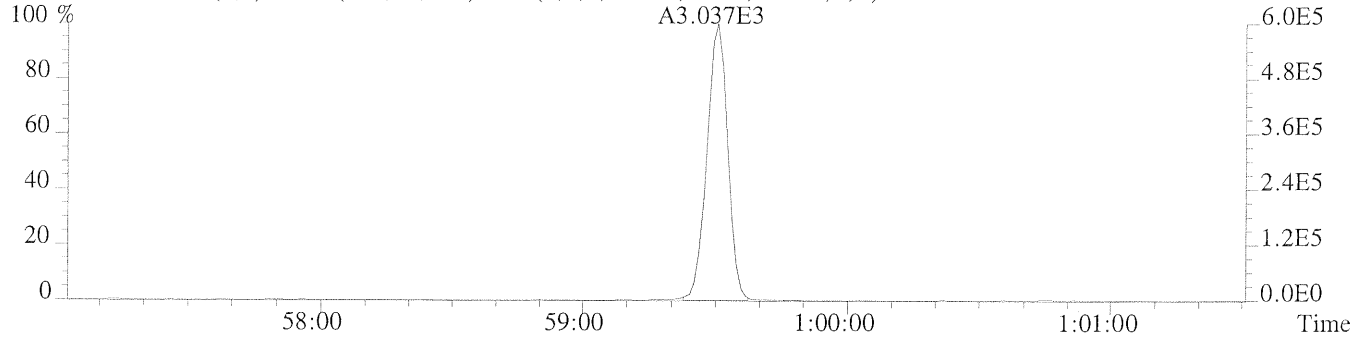
File:U221018 #1-253 Acq:19-OCT-2009 14:57:36 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS3

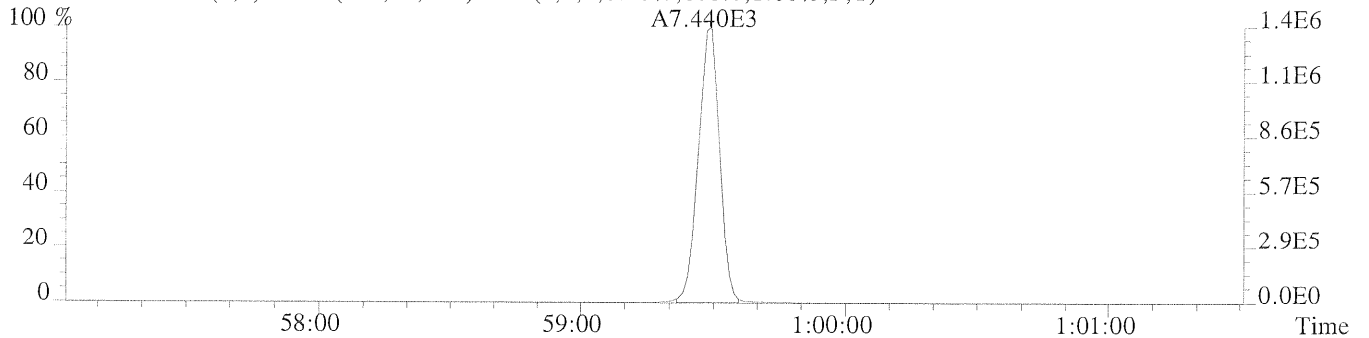
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,620.0,1.00%,F,T)



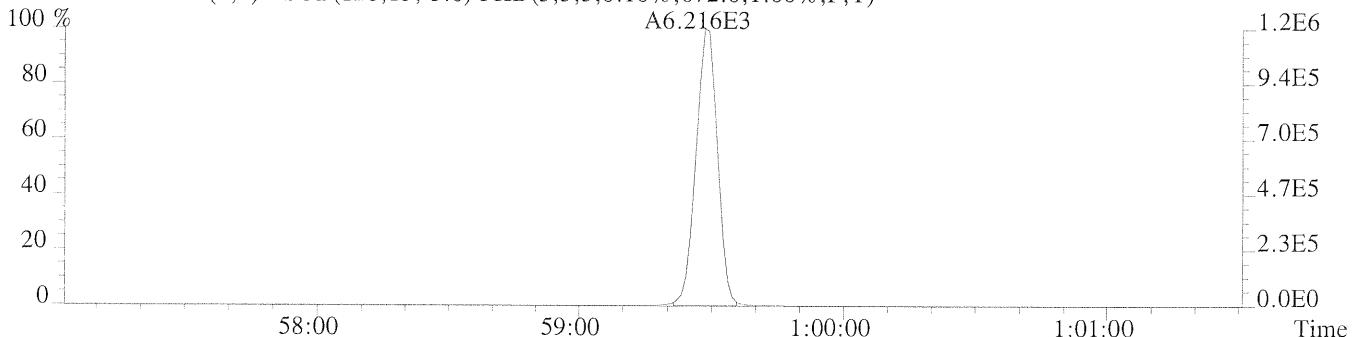
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,632.0,1.00%,F,T)



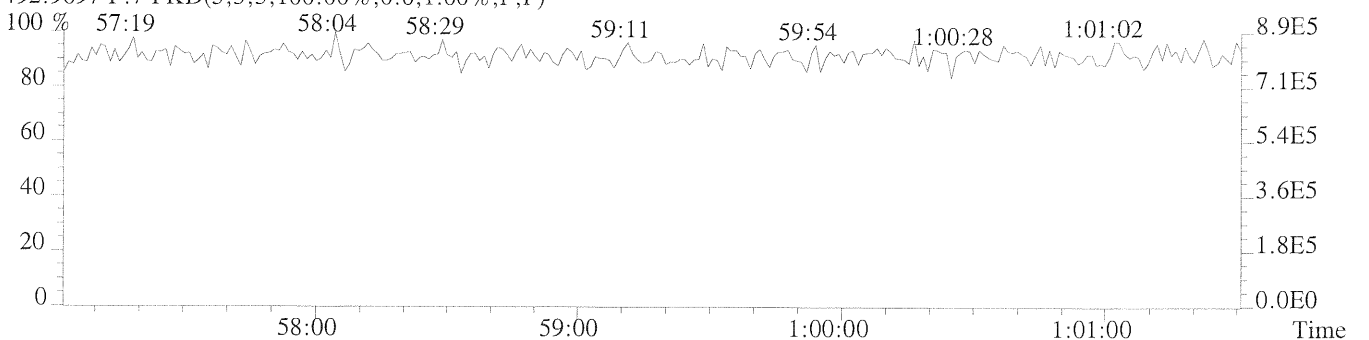
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,608.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,672.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
ICAL CS4

Run #4 Filename U221019 #1 Samp: 1 Inj: 1 Acquired: 19-OCT-09 16:08:27
Processed: 20-APR-10 10:37:24 LAB. ID: ICAL CS4

Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT	
1	1	2-MoCB	14:07	1.097e+04	3.530e+03	3.11	yes	no	1.001
2	3	4-MoCB	16:33	1.131e+04	3.598e+03	3.14	yes	no	1.001
3	4	22'-DiCB	16:49	6.013e+03	3.770e+03	1.59	yes	no	1.001
4	15	44'-DiCB	23:13	7.202e+03	4.616e+03	1.56	yes	no	1.001
5	19	22'6'-TrCB	20:14	3.602e+03	3.622e+03	0.99	yes	no	1.002
6	37	344'-TrCB	30:32	5.958e+03	5.786e+03	1.03	yes	no	1.001
7	54	22'66'-TeCB	23:31	4.127e+03	5.835e+03	0.71	yes	no	1.001
8	81	344'5'-TeCB	37:26	4.048e+03	5.321e+03	0.76	yes	no	1.000
9	77	33'44'-TeCB	38:01	4.105e+03	5.094e+03	0.81	yes	no	1.001
10	104	22'466'-PeCB	29:16	6.028e+03	3.805e+03	1.58	yes	no	1.001
11	123	2'344'5'-PeCB	40:01	5.251e+03	3.344e+03	1.57	yes	no	1.000
12	118	23'44'5'-PeCB	40:22	5.524e+03	3.416e+03	1.62	yes	no	1.001
13	114	2344'5'-PeCB	40:54	5.403e+03	3.265e+03	1.65	yes	no	1.000
14	105	233'44'-PeCB	41:33	5.138e+03	3.167e+03	1.62	yes	no	1.000
15	126	33'44'5'-PeCB	44:41	4.393e+03	2.838e+03	1.55	yes	no	1.000
16	155	22'44'66'-HxCB	35:05	4.904e+03	4.152e+03	1.18	yes	no	1.001
17	167	23'44'55'-HxCB	46:33	3.553e+03	2.835e+03	1.25	yes	no	1.000
18	156/7	233'44'5'-HxCB	47:44	6.707e+03	5.392e+03	1.24	yes	no	1.000
19	169	33'44'55'-HxCB	50:59	2.924e+03	2.346e+03	1.25	yes	no	1.000
20	188	22'34'566'-HpCB	40:53	3.783e+03	3.841e+03	0.98	yes	no	1.001
21	189	233'44'55'-HpCB	53:32	2.157e+03	2.068e+03	1.04	yes	no	1.000
22	202	22'33'55'66'-OxCB	46:19	2.279e+03	2.694e+03	0.85	yes	no	1.001
23	205	233'44'55'6'-OxCB	56:07	1.743e+03	1.951e+03	0.89	yes	no	1.000
24	208	22'33'4'55'66'-NoCB	53:03	1.825e+03	2.376e+03	0.77	yes	no	1.000
25	206	22'33'44'55'6'-NoCB	57:53	1.614e+03	2.005e+03	0.80	yes	no	1.000
26	209	DeCB	59:29	2.532e+03	2.227e+03	1.14	yes	no	1.000
27	1L	13C-2-MoCB	14:06	2.459e+03	8.760e+02	2.81	yes	no	0.742
28	3L	13C-4-MoCB	16:32	2.615e+03	8.354e+02	3.13	yes	no	0.871
29	4L	13C-22'-DiCB	16:48	1.546e+03	1.006e+03	1.54	yes	no	0.885
30	15L	13C-44'-DiCB	23:11	1.753e+03	1.107e+03	1.58	yes	no	1.222
31	19L	13C-22'6'-TrCB	20:12	9.240e+02	8.536e+02	1.08	yes	no	1.064
32	37L	13C-344'-TrCB	30:31	1.264e+03	1.301e+03	0.97	yes	no	1.080
33	54L	13C-22'66'-TeCB	23:30	1.088e+03	1.430e+03	0.76	yes	no	0.832
34	81L	13C-344'5'-TeCB	37:25	9.745e+02	1.201e+03	0.81	yes	no	1.324
35	77L	13C-33'44'-TeCB	37:59	9.804e+02	1.222e+03	0.80	yes	no	1.344
36	104L	13C-22'466'-PeCB	29:14	1.449e+03	9.691e+02	1.50	yes	no	0.829
37	123L	13C-2'344'5'-PeCB	40:00	1.192e+03	7.916e+02	1.51	yes	no	1.134
38	118L	13C-23'44'5'-PeCB	40:20	1.245e+03	7.280e+02	1.71	yes	no	1.143
39	114L	13C-2344'5'-PeCB	40:53	1.213e+03	7.932e+02	1.53	yes	no	1.159
40	105L	13C-233'44'-PeCB	41:32	1.202e+03	7.463e+02	1.61	yes	no	1.177
41	126L	13C-33'44'5'-PeCB	44:40	1.054e+03	6.643e+02	1.59	yes	no	1.266
42	155L	13C-22'44'66'-HxCB	35:03	1.298e+03	1.005e+03	1.29	yes	no	0.806
43	167L	13C-23'44'55'-HxCB	46:31	8.737e+02	6.660e+02	1.31	yes	no	1.070
44	156/7	13C-233'44'5'-HxCB	47:43	1.597e+03	1.217e+03	1.31	yes	no	1.097
45	169L	13C-33'44'55'-HxCB	50:58	7.497e+02	5.480e+02	1.37	yes	no	1.172
46	188L	13C-22'34'566'-HpCB	40:51	1.030e+03	9.433e+02	1.09	yes	no	0.735
47	189L	13C-233'44'55'-HpCB	53:31	6.061e+02	5.875e+02	1.03	yes	no	0.962
48	202L	13C-22'33'55'66'-OxCB	46:17	7.099e+02	7.550e+02	0.94	yes	no	0.832
49	205L	13C-233'44'55'6'-OxCB	56:06	4.955e+02	5.499e+02	0.90	yes	no	1.009
50	208L	13C-22'33'4'55'66'-NoCB	53:02	5.118e+02	6.179e+02	0.83	yes	no	0.954
51	206L	13C-22'33'44'55'6'-NoCB	57:52	4.129e+02	5.074e+02	0.81	yes	no	1.040
52	209L	13C-DeCB	59:28	6.902e+02	6.095e+02	1.13	yes	no	1.069

53	28L	13C-244'-TrCB	26:22	1.767e+03	1.596e+03	1.11	yes	no	0.933
54	111L	13C-233'55'-PeCB	38:00	1.261e+03	7.944e+02	1.59	yes	no	1.077
55	178L	13C-22'33'55'6-HpCB	43:56	6.502e+02	6.415e+02	1.01	yes	no	1.010
56	9L	13C-2,5-DiCB	18:59	1.767e+03	1.126e+03	1.57	yes	no	*
57	52L	13C-22'55'-TeCB	28:15	9.142e+02	1.170e+03	0.78	yes	no	*
58	101L	13C-22'4'55'-PeCB	35:17	1.049e+03	6.328e+02	1.66	yes	no	*
59	138L	13C-22'3'44'5'-HxCB	43:30	8.191e+02	6.035e+02	1.36	yes	no	*
60	194L	13C-22'33'44'55'-OxCB	55:37	3.823e+02	4.269e+02	0.90	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
ICAL CS4

Run #4 Filename U221019 Samp: 1 Inj: 1 Acquired: 19-OCT-09 16:08:27
Processed: 20-APR-10 10:37:241 LAB. ID: ICAL CS4

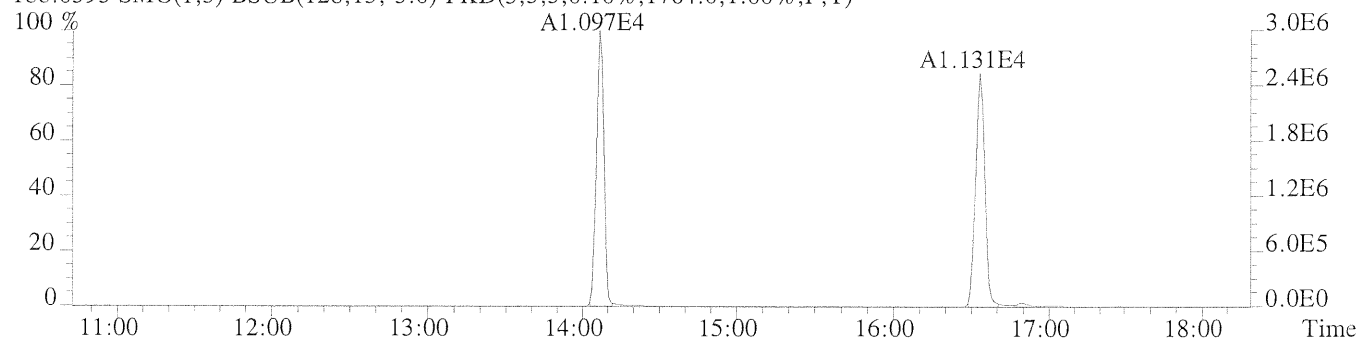
	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	2.99e+06	1.76e+03	1.7e+03	9.61e+05	1.54e+03	6.3e+02
2	4-MoCB	2.53e+06	1.76e+03	1.4e+03	7.99e+05	1.54e+03	5.2e+02
3	22'-DiCB	1.34e+06	2.10e+03	6.4e+02	8.60e+05	1.16e+04	7.4e+01
4	44'-DiCB	1.47e+06	1.86e+03	7.9e+02	9.20e+05	8.72e+03	1.1e+02
5	22'6'-TrCB	7.83e+05	6.76e+02	1.2e+03	7.88e+05	1.69e+03	4.7e+02
6	344'-TrCB	1.02e+06	1.28e+03	7.9e+02	9.86e+05	2.23e+03	4.4e+02
7	22'66'-TeCB	8.81e+05	8.12e+02	1.1e+03	1.21e+06	7.56e+02	1.6e+03
8	344'5-TeCB	7.11e+05	9.24e+02	7.7e+02	9.38e+05	1.07e+03	8.8e+02
9	33'44'-TeCB	7.04e+05	9.24e+02	7.6e+02	8.91e+05	1.07e+03	8.3e+02
10	22'466'-PeCB	1.07e+06	9.60e+02	1.1e+03	6.80e+05	1.84e+03	3.7e+02
11	2'344'5-PeCB	9.43e+05	1.33e+03	7.1e+02	6.01e+05	2.61e+03	2.3e+02
12	23'44'5-PeCB	9.90e+05	1.33e+03	7.4e+02	6.12e+05	2.61e+03	2.3e+02
13	2344'5-PeCB	9.88e+05	1.33e+03	7.4e+02	5.97e+05	2.61e+03	2.3e+02
14	233'44'-PeCB	9.21e+05	1.33e+03	6.9e+02	5.56e+05	2.61e+03	2.1e+02
15	33'44'5-PeCB	7.81e+05	1.33e+03	5.9e+02	5.07e+05	2.61e+03	1.9e+02
16	22'44'66'-HxCB	8.98e+05	7.88e+02	1.1e+03	7.69e+05	8.40e+02	9.1e+02
17	23'44'55'-HxCB	7.69e+05	1.12e+03	6.9e+02	6.05e+05	6.40e+02	9.5e+02
18	233'44'5-HxCB	1.10e+06	1.12e+03	9.8e+02	8.87e+05	6.40e+02	1.4e+03
19	33'44'55'-HxCB	6.07e+05	1.12e+03	5.4e+02	5.07e+05	6.40e+02	7.9e+02
20	22'34'566'-HpCB	7.01e+05	7.00e+02	1.0e+03	7.09e+05	9.00e+02	7.9e+02
21	233'44'55'-HpCB	4.70e+05	6.68e+02	7.0e+02	4.45e+05	6.88e+02	6.5e+02
22	22'33'55'66'-OcCB	5.02e+05	6.64e+02	7.6e+02	5.89e+05	5.72e+02	1.0e+03
23	233'44'55'6-OcCB	3.74e+05	6.64e+02	5.6e+02	4.22e+05	5.72e+02	7.4e+02
24	22'33'4'55'66'-NoCB	3.95e+05	6.00e+02	6.6e+02	5.31e+05	7.96e+02	6.7e+02
25	22'33'44'55'6-NoCB	3.23e+05	8.56e+02	3.8e+02	4.01e+05	1.34e+03	3.0e+02
26	DeCB	4.92e+05	7.68e+02	6.4e+02	4.31e+05	7.36e+02	5.9e+02
27	13C-2-MoCB	6.57e+05	1.46e+03	4.5e+02	2.26e+05	2.13e+04	1.1e+01
28	13C-4-MoCB	5.86e+05	1.46e+03	4.0e+02	1.92e+05	2.13e+04	9.0e+00
29	13C-22'-DiCB	3.58e+05	1.68e+03	2.1e+02	2.33e+05	1.04e+03	2.2e+02
30	13C-44'-DiCB	3.53e+05	3.09e+03	1.1e+02	2.17e+05	1.31e+03	1.7e+02
31	13C-22'6'-TrCB	1.91e+05	1.36e+04	1.4e+01	1.80e+05	7.36e+03	2.4e+01
32	13C-344'-TrCB	2.18e+05	1.32e+04	1.6e+01	2.31e+05	7.36e+03	3.1e+01
33	13C-22'66'-TeCB	2.34e+05	1.05e+03	2.2e+02	3.02e+05	1.11e+03	2.7e+02
34	13C-344'5-TeCB	1.60e+05	1.08e+03	1.5e+02	2.10e+05	1.35e+03	1.6e+02
35	13C-33'44'-TeCB	1.71e+05	1.08e+03	1.6e+02	2.14e+05	1.35e+03	1.6e+02
36	13C-22'466'-PeCB	2.55e+05	1.18e+03	2.2e+02	1.76e+05	1.08e+03	1.6e+02
37	13C-2'344'5-PeCB	2.17e+05	1.24e+03	1.8e+02	1.45e+05	8.60e+02	1.7e+02
38	13C-23'44'5-PeCB	2.26e+05	1.24e+03	1.8e+02	1.32e+05	8.60e+02	1.5e+02
39	13C-2344'5-PeCB	2.20e+05	1.24e+03	1.8e+02	1.38e+05	8.60e+02	1.6e+02
40	13C-233'44'-PeCB	2.19e+05	1.24e+03	1.8e+02	1.38e+05	8.60e+02	1.6e+02
41	13C-33'44'5-PeCB	1.84e+05	1.24e+03	1.5e+02	1.17e+05	8.60e+02	1.4e+02
42	13C-22'44'66'-HxCB	2.42e+05	1.22e+03	2.0e+02	1.85e+05	8.52e+02	2.2e+02
43	13C-23'44'55'-HxCB	1.94e+05	7.12e+02	2.7e+02	1.46e+05	1.06e+03	1.4e+02
44	13C-233'44'5'-HxCB	2.54e+05	7.12e+02	3.6e+02	1.94e+05	1.06e+03	1.8e+02
45	13C-33'44'55'-HxCB	1.62e+05	7.12e+02	2.3e+02	1.10e+05	1.06e+03	1.0e+02
46	13C-22'34'566'-HpCB	1.90e+05	9.56e+02	2.0e+02	1.74e+05	9.32e+02	1.9e+02
47	13C-233'44'55'-HpCB	1.27e+05	8.92e+02	1.4e+02	1.26e+05	6.44e+02	2.0e+02
48	13C-22'33'55'66'-OcCB	1.57e+05	4.80e+02	3.3e+02	1.69e+05	5.08e+02	3.3e+02
49	13C-233'44'55'6-OcCB	1.08e+05	4.80e+02	2.2e+02	1.17e+05	5.08e+02	2.3e+02
50	13C-22'33'4'55'66'-NoCB	1.13e+05	5.00e+02	2.3e+02	1.37e+05	5.76e+02	2.4e+02
51	13C-22'33'44'55'6-NoCB	7.91e+04	6.08e+02	1.3e+02	9.48e+04	5.36e+02	1.8e+02
52	13C-DeCB	1.29e+05	5.80e+02	2.2e+02	1.15e+05	5.92e+02	1.9e+02

53	13C-244'-TrCB	3.09e+05	1.32e+04	2.3e+01	2.92e+05	7.36e+03	4.0e+01
54	13C-233'55'-PeCB	2.33e+05	9.88e+02	2.4e+02	1.46e+05	8.12e+02	1.8e+02
55	13C-22'33'55'6-HpCB	1.16e+05	9.56e+02	1.2e+02	1.15e+05	9.32e+02	1.2e+02
56	13C-2,5-DiCB	3.93e+05	3.09e+03	1.3e+02	2.52e+05	1.31e+03	1.9e+02
57	13C-22'55'-TeCB	1.61e+05	1.28e+03	1.3e+02	2.12e+05	1.08e+03	2.0e+02
58	13C-22'4'55'-PeCB	1.86e+05	9.88e+02	1.9e+02	1.15e+05	8.12e+02	1.4e+02
59	13C-22'3'44'5'-HxCB	1.41e+05	8.32e+02	1.7e+02	1.08e+05	1.02e+03	1.1e+02
60	13C-22'33'44'55'-OxCB	8.08e+04	4.80e+02	1.7e+02	9.10e+04	5.08e+02	1.8e+02

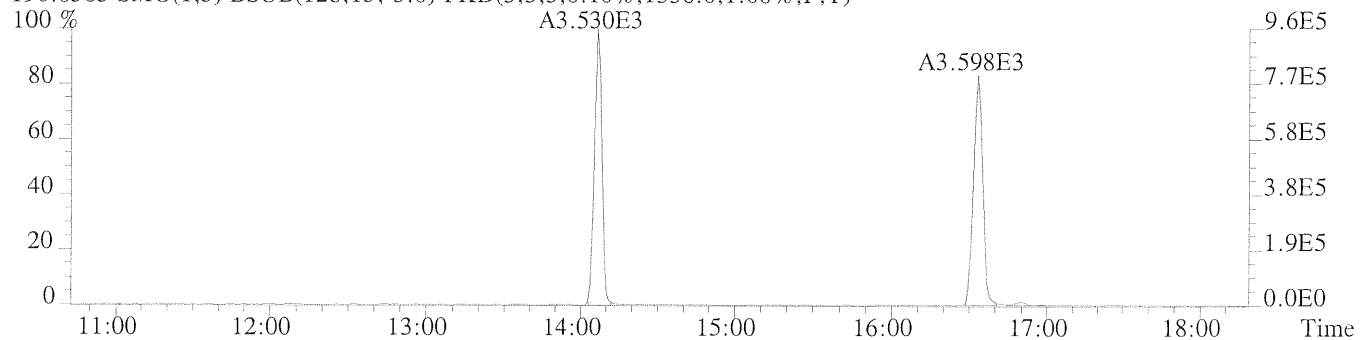
File:U221019 #1-489 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS4

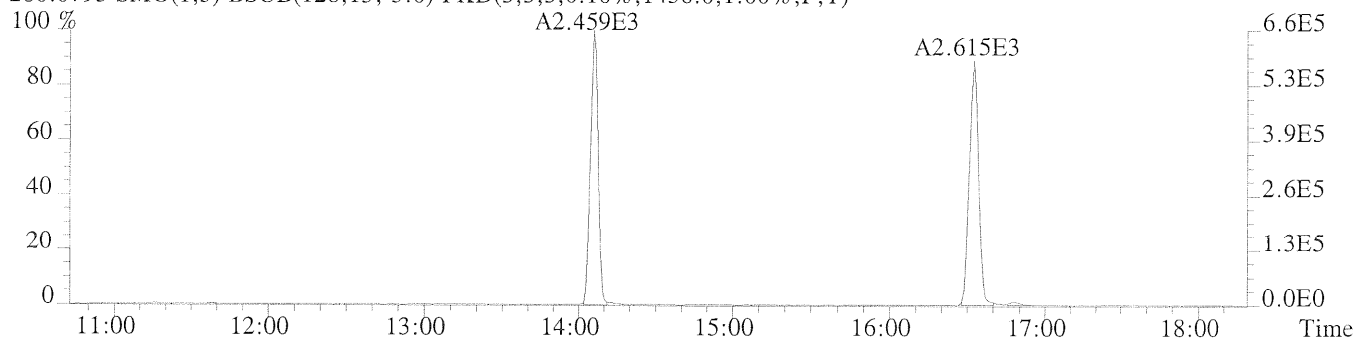
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1764.0,1.00%,F,T)



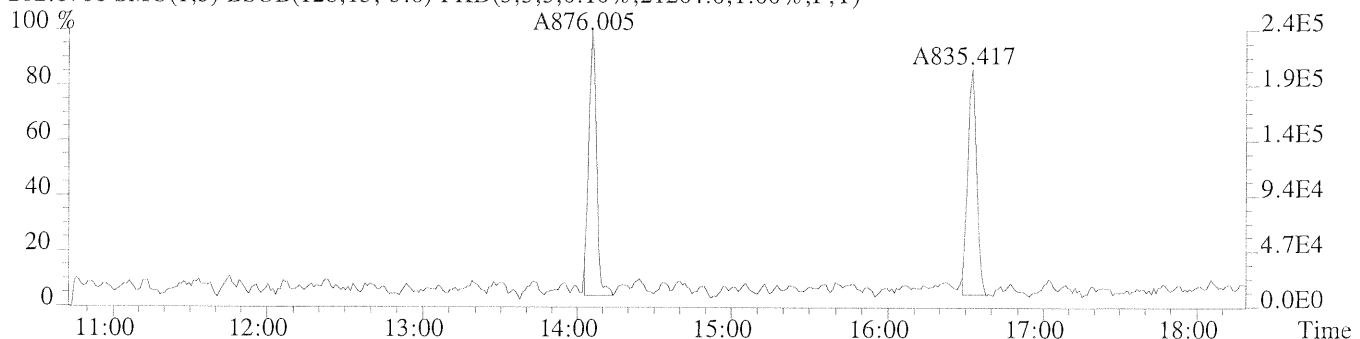
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1536.0,1.00%,F,T)



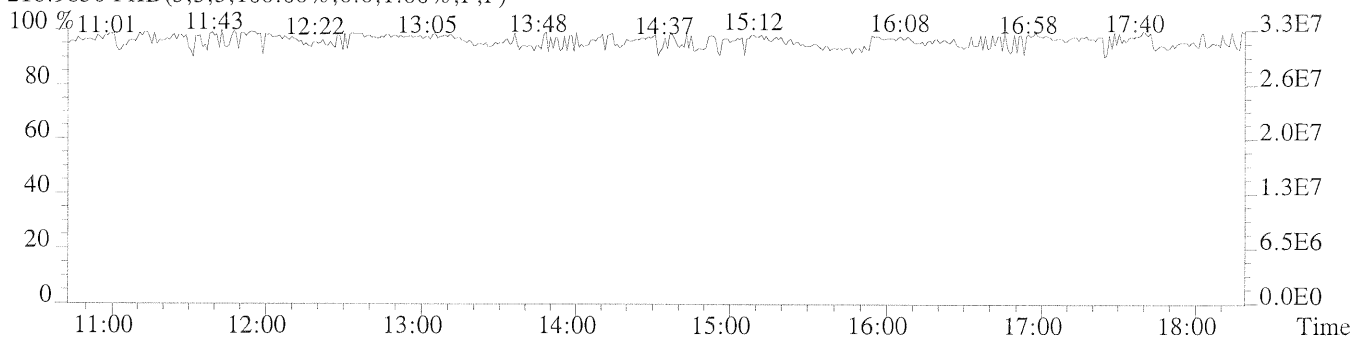
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1456.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,21264.0,1.00%,F,T)

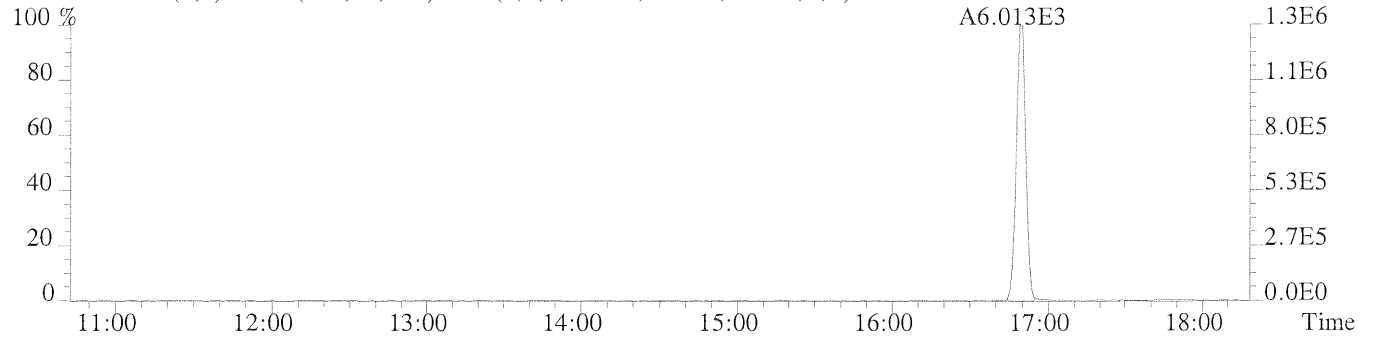


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

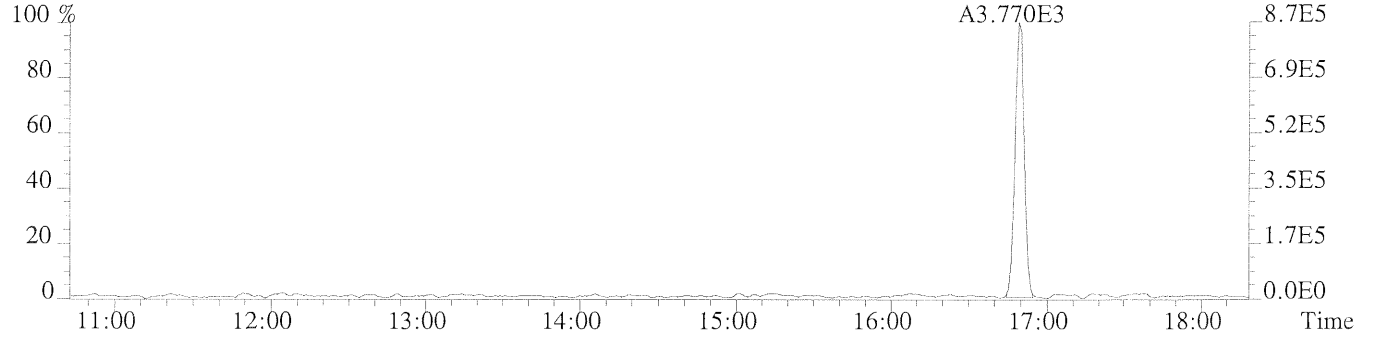


File:U221019 #1-489 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS4

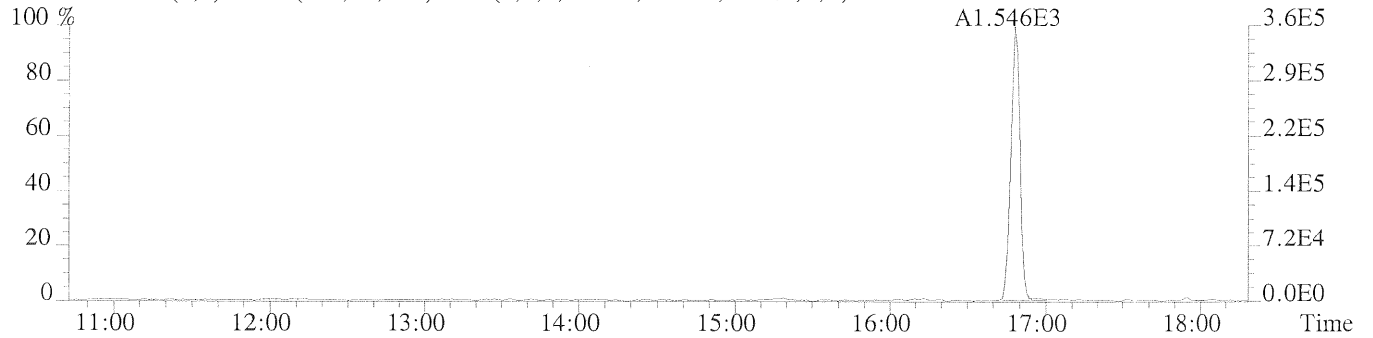
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2100.0,1.00%,F,T)



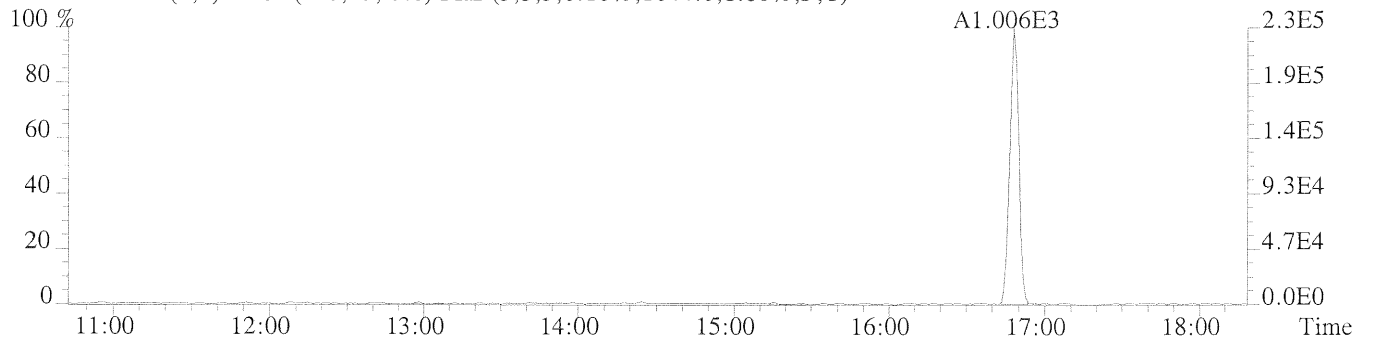
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11644.0,1.00%,F,T)



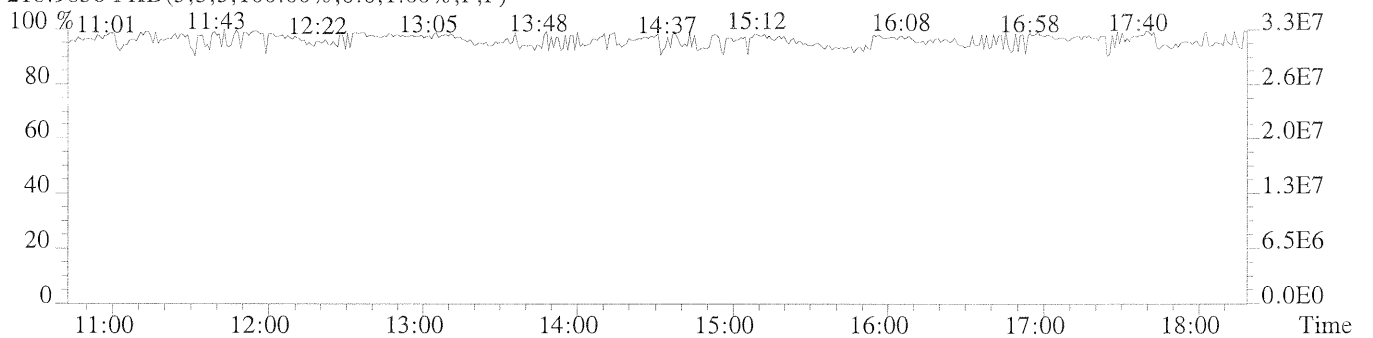
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1680.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1044.0,1.00%,F,T)



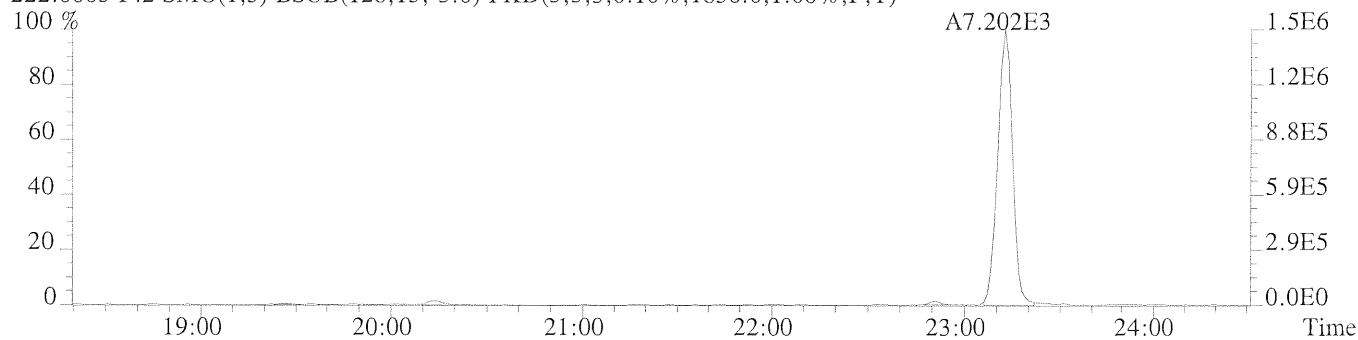
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



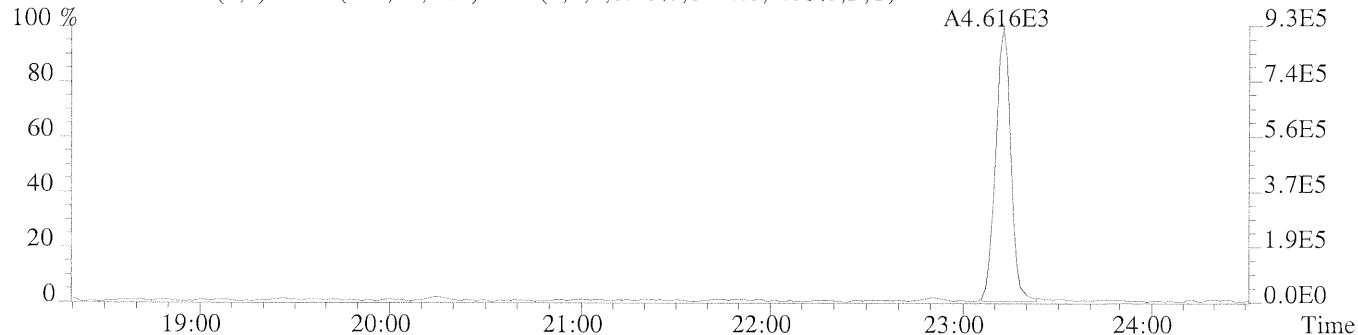
File:U221019 #1-342 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS4

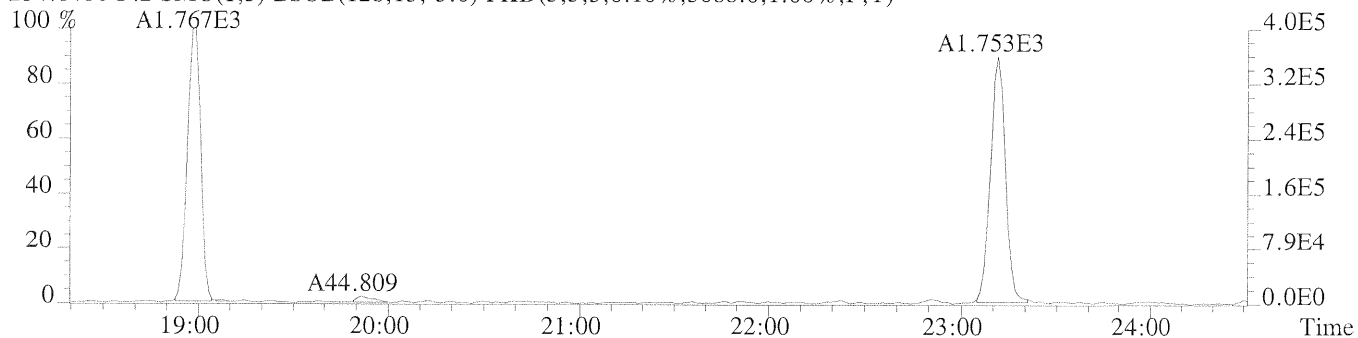
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1856.0,1.00%,F,T)



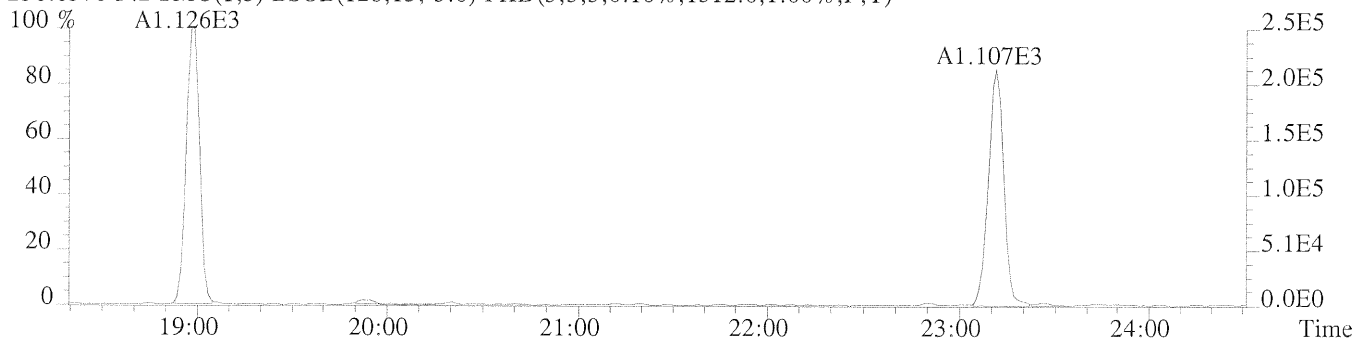
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8724.0,1.00%,F,T)



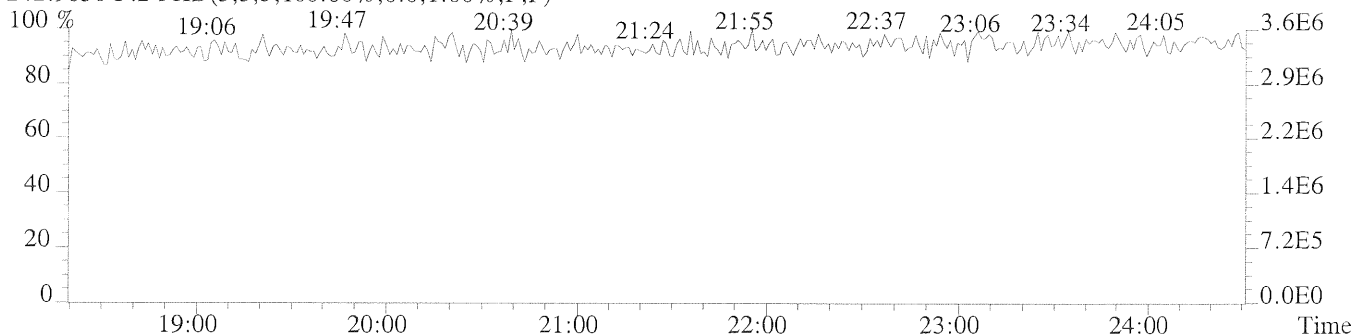
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3088.0,1.00%,F,T)



236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1312.0,1.00%,F,T)

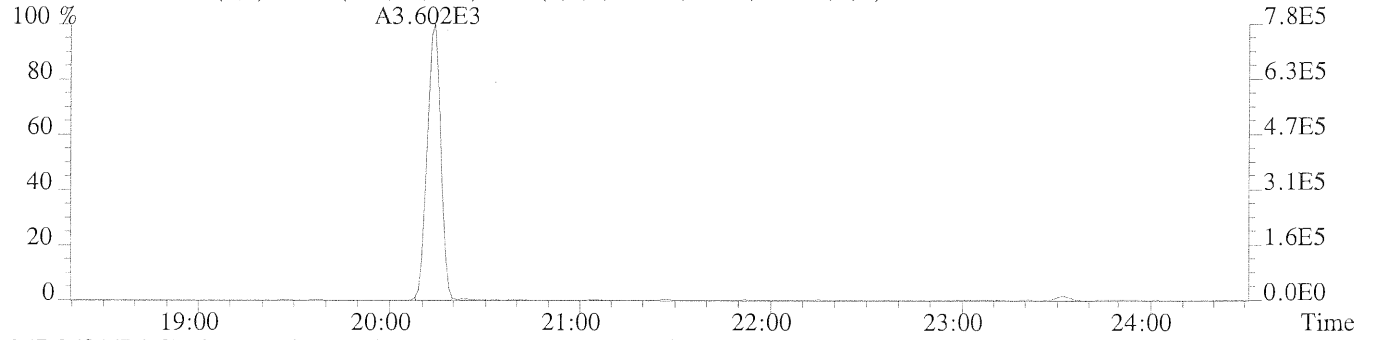


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

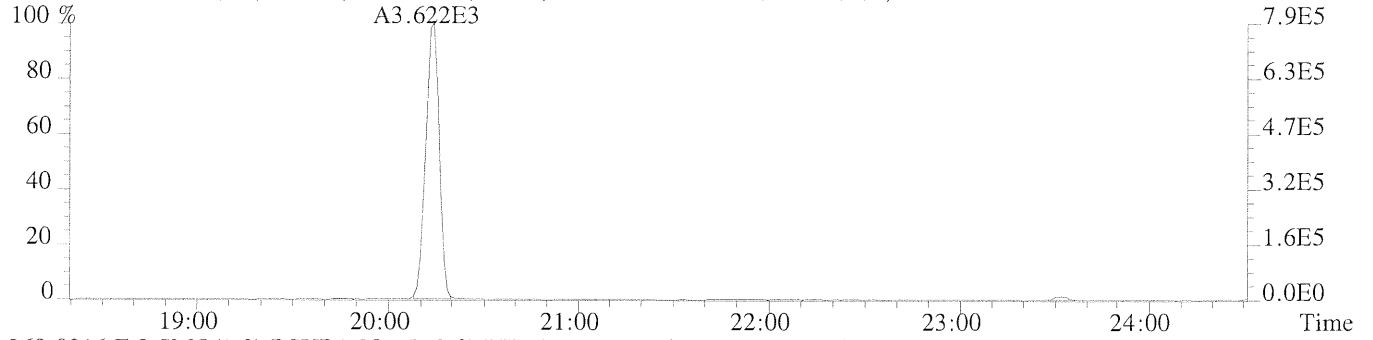


File:U221019 #1-342 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS4

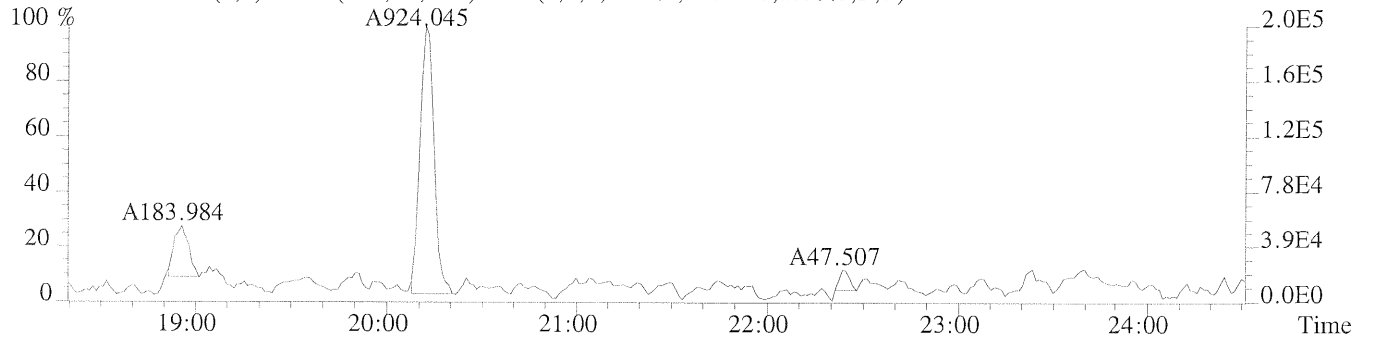
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,676.0,1.00%,F,T)



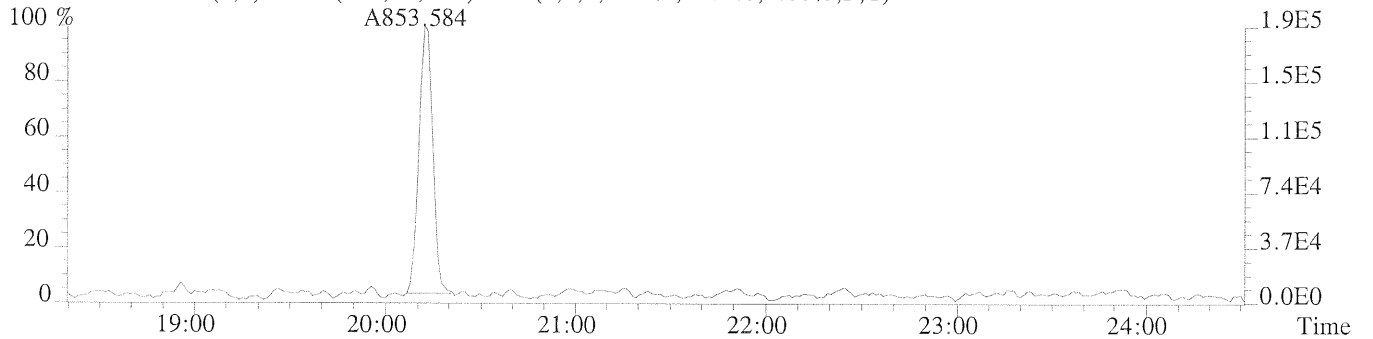
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1688.0,1.00%,F,T)



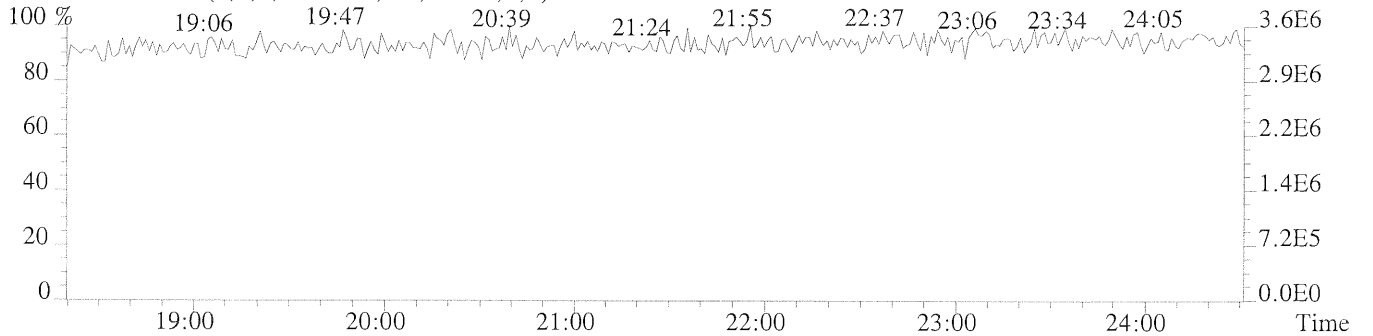
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13612.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7364.0,1.00%,F,T)

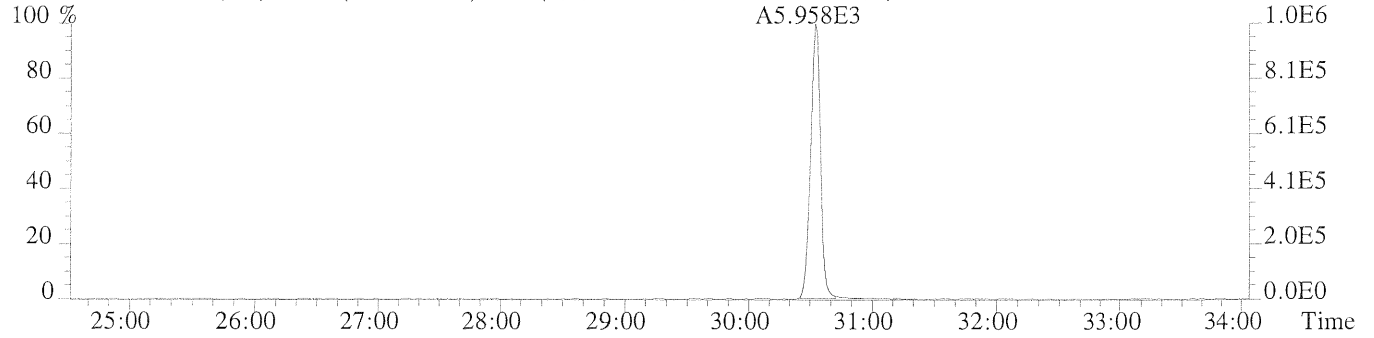


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

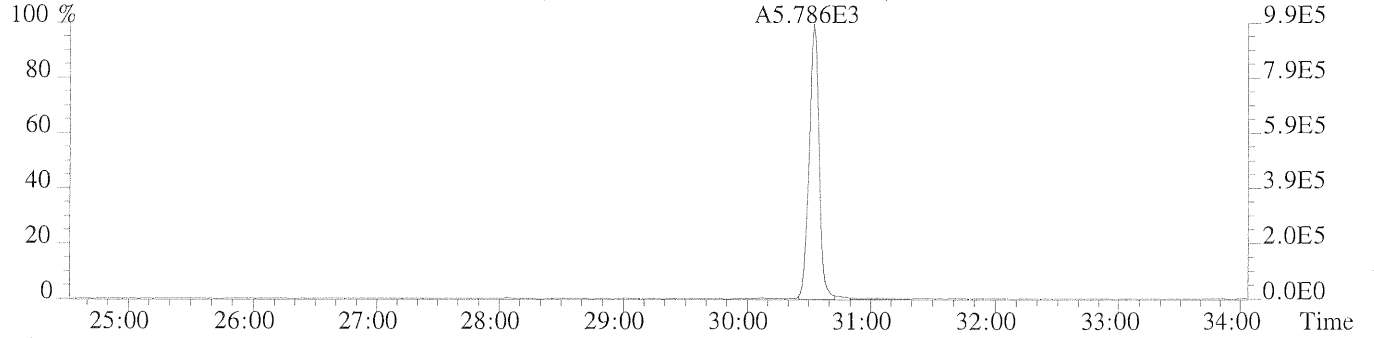


Sample#1 Exp:ICAL CS4

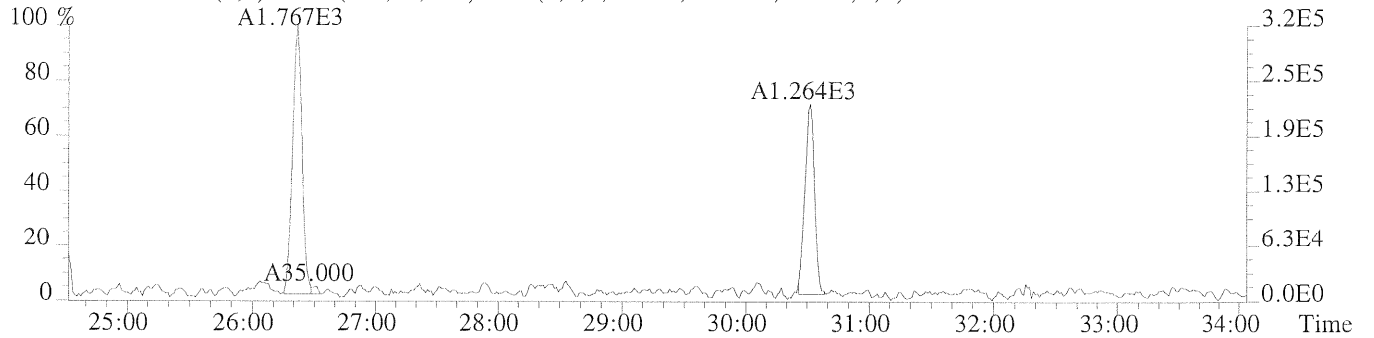
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,T)



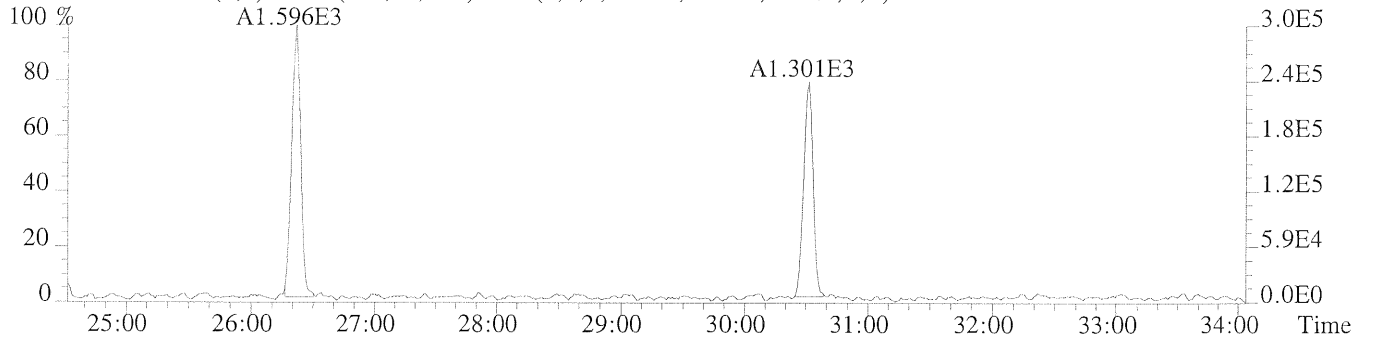
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2232.0,1.00%,F,T)



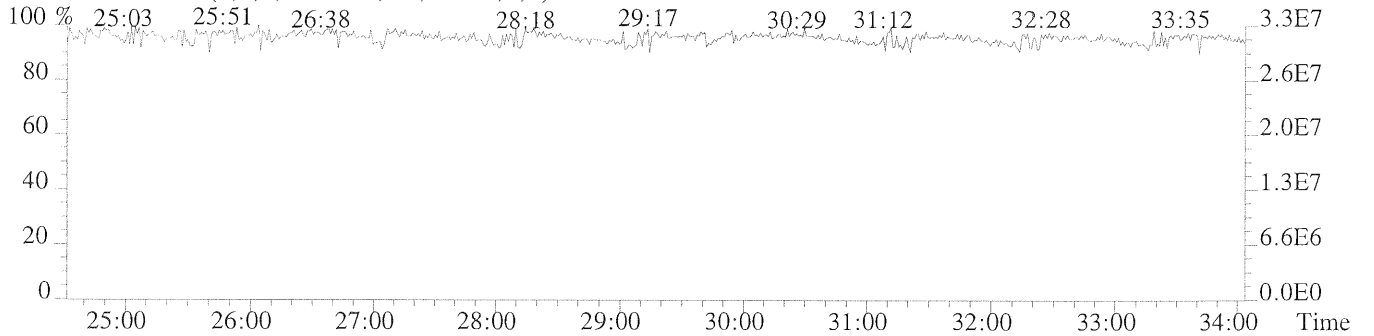
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13204.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7356.0,1.00%,F,T)



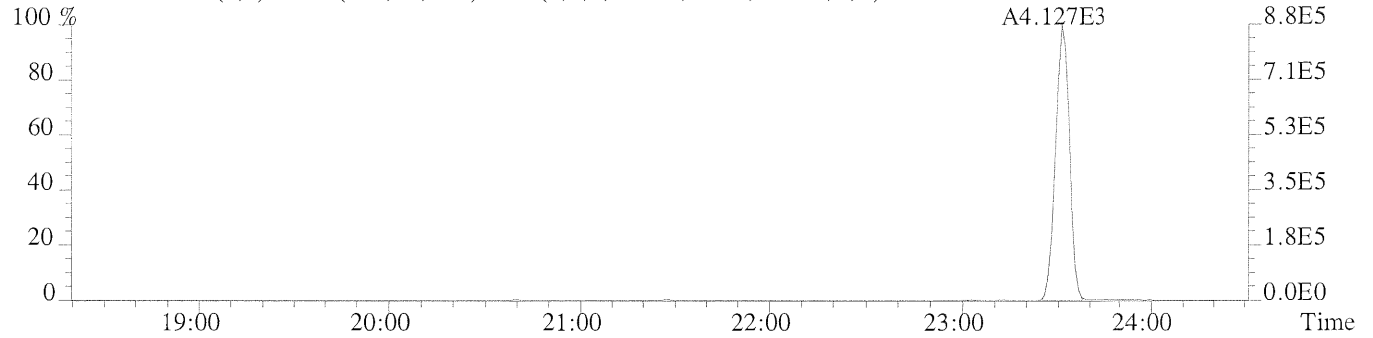
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



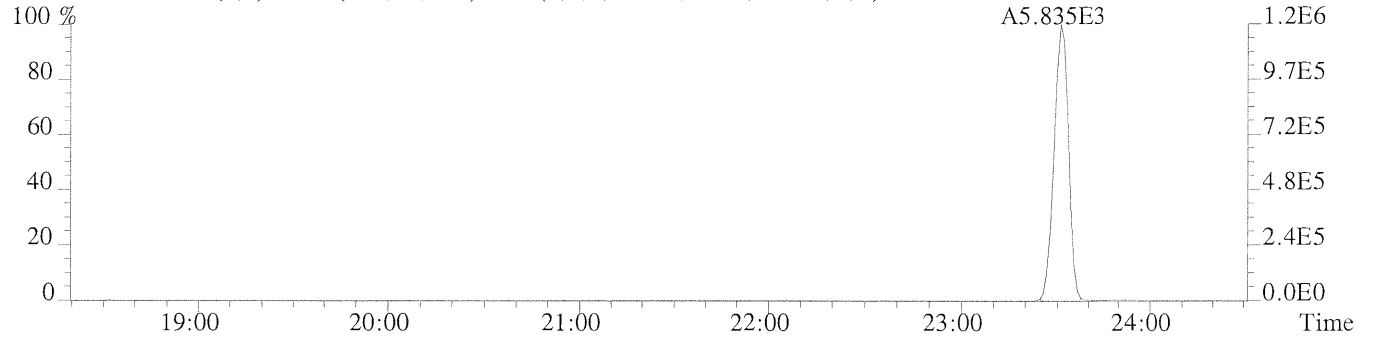
File:U221019 #1-342 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS4

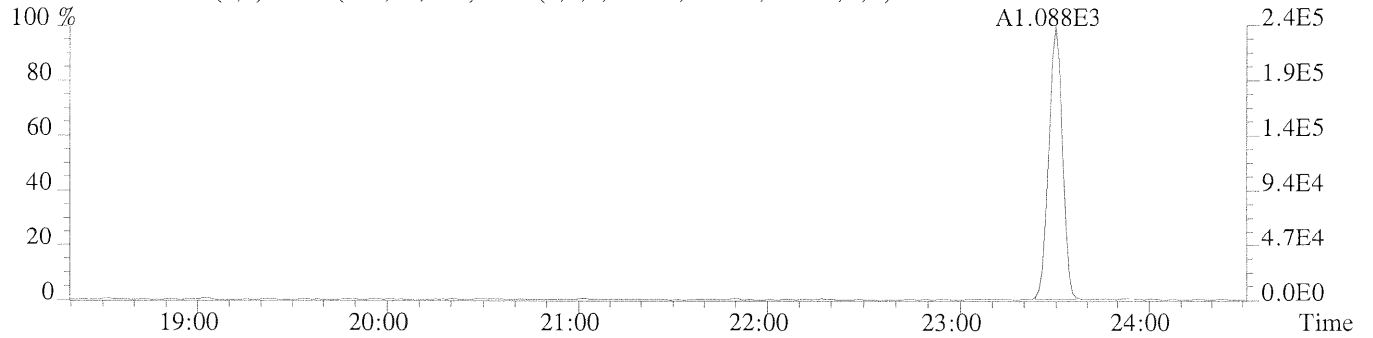
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,812.0,1.00%,F,T)



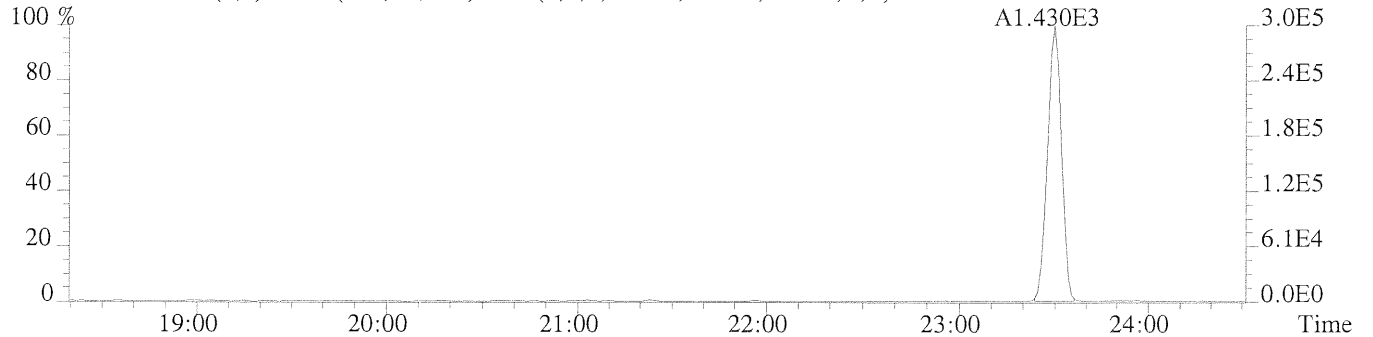
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,756.0,1.00%,F,T)



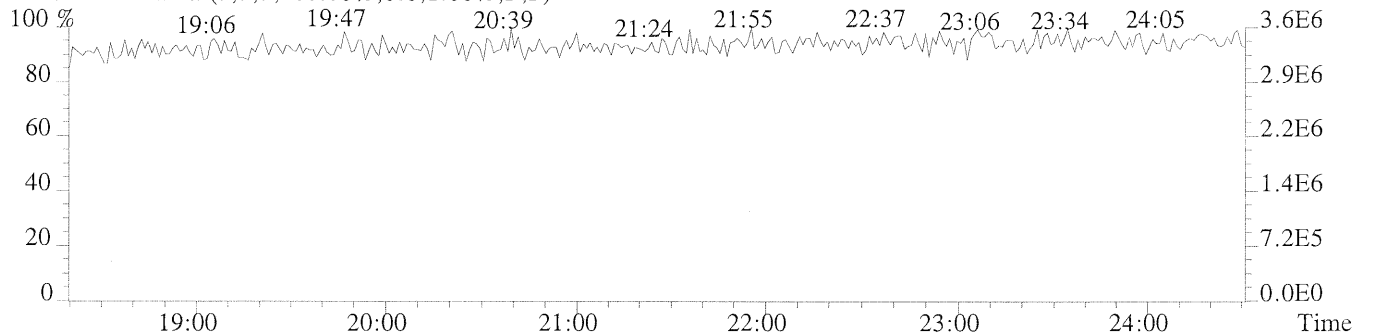
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1048.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1108.0,1.00%,F,T)



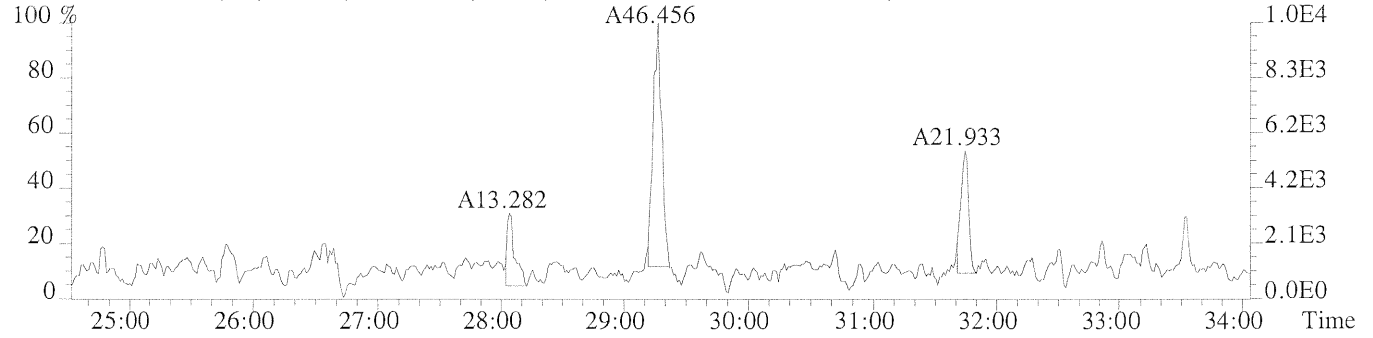
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



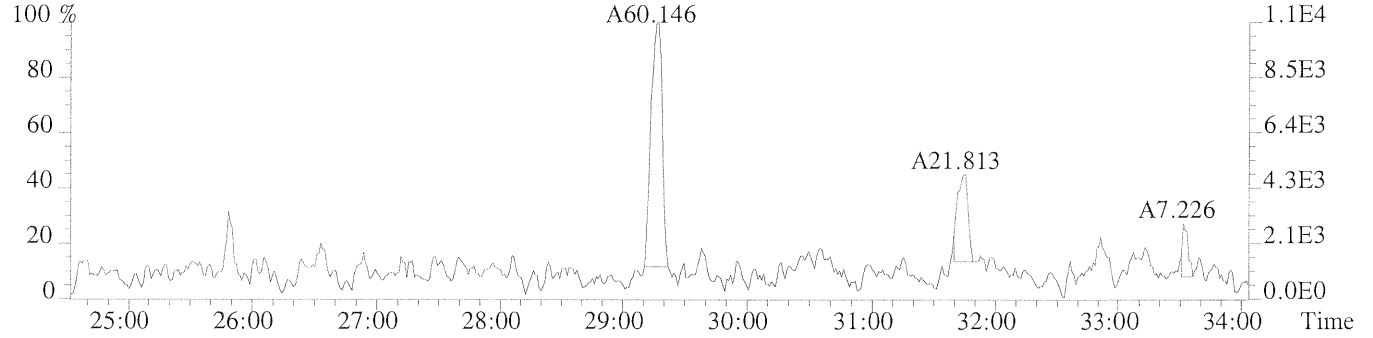
File:U221019 #1-610 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS4

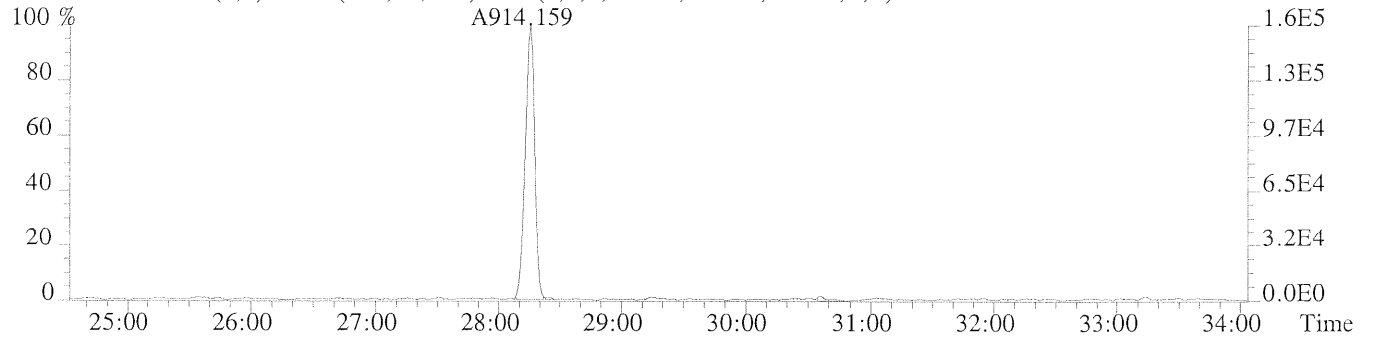
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1460.0,1.00%,F,T)



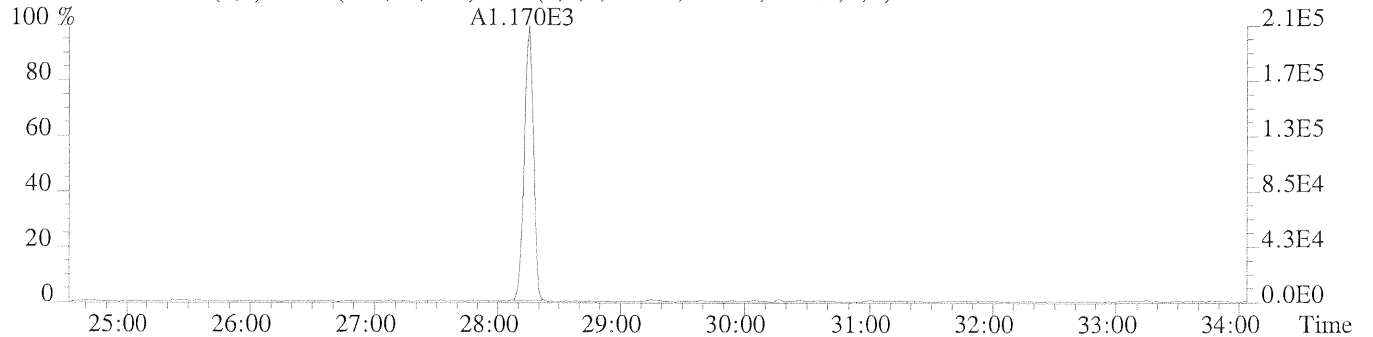
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1272.0,1.00%,F,T)



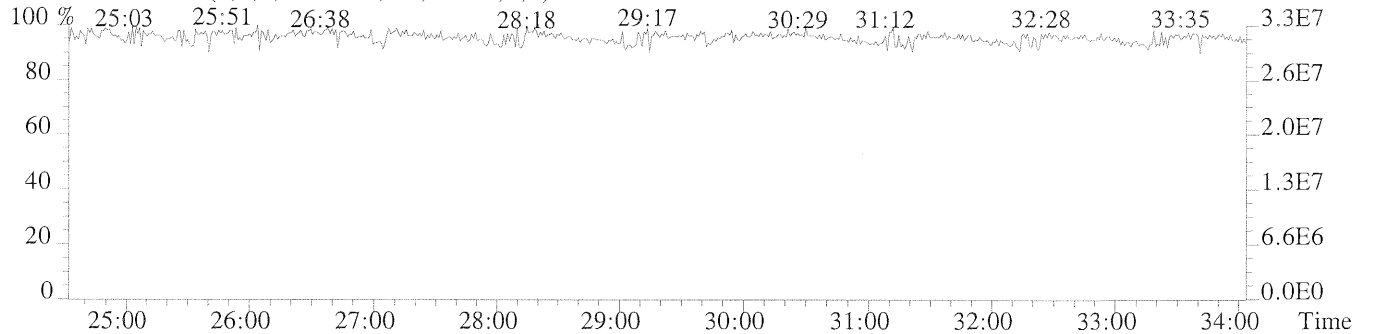
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,T)



303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1080.0,1.00%,F,T)



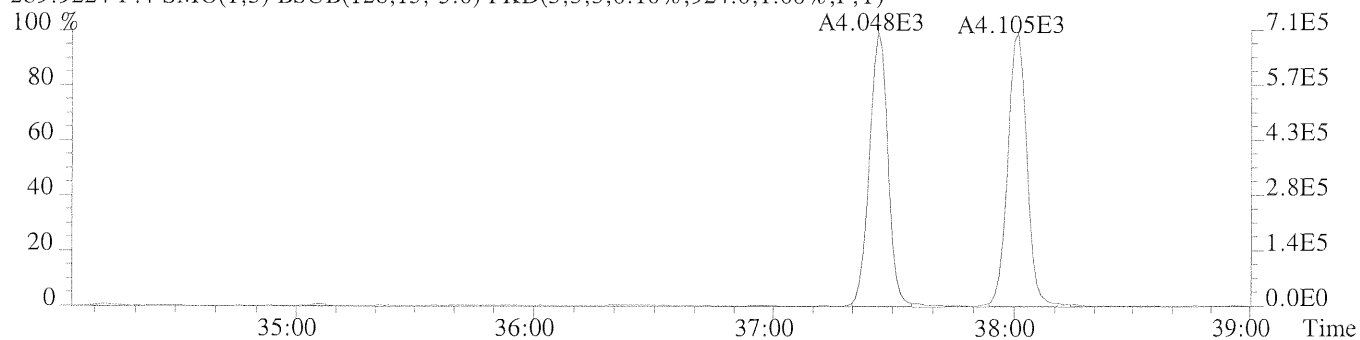
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



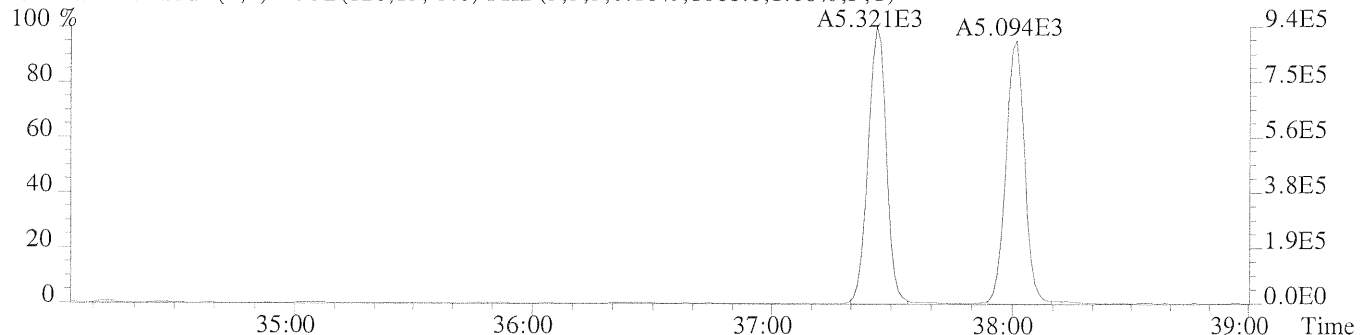
File:U221019 #1-316 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS4

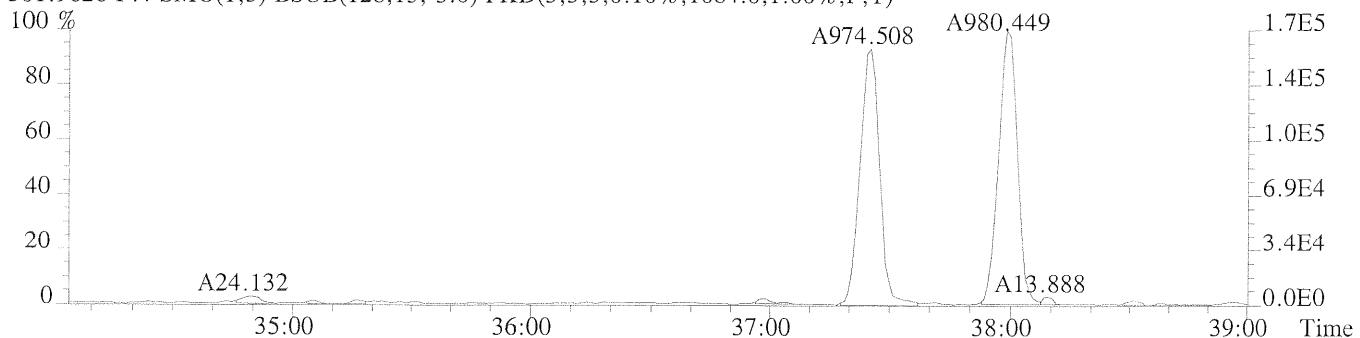
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,924.0,1.00%,F,T)



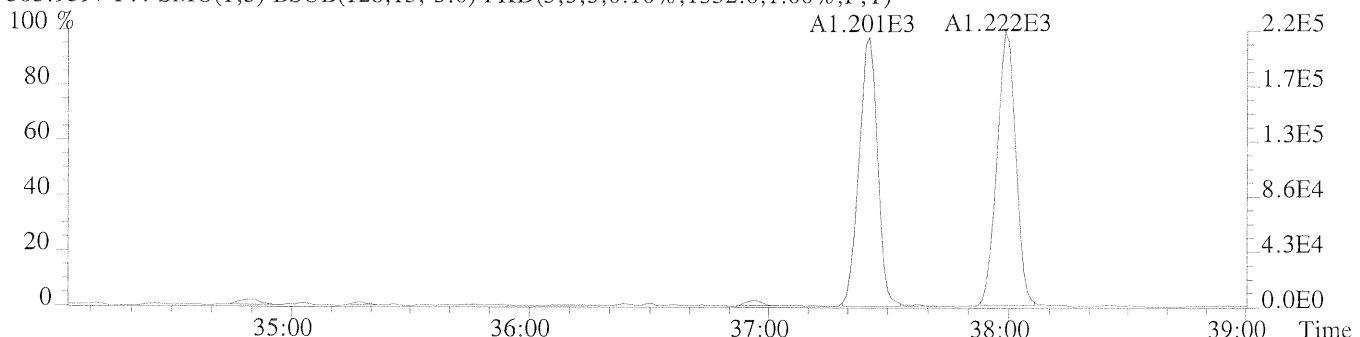
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1068.0,1.00%,F,T)



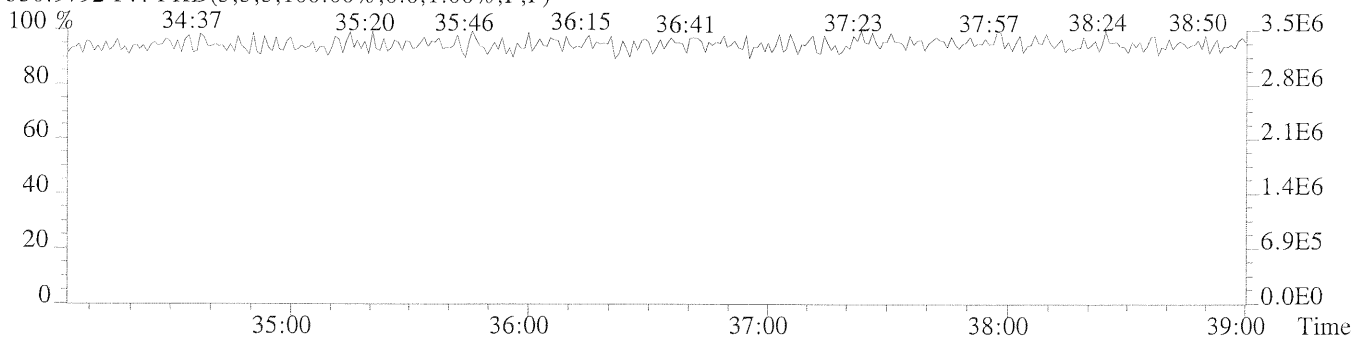
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1084.0,1.00%,F,T)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1352.0,1.00%,F,T)

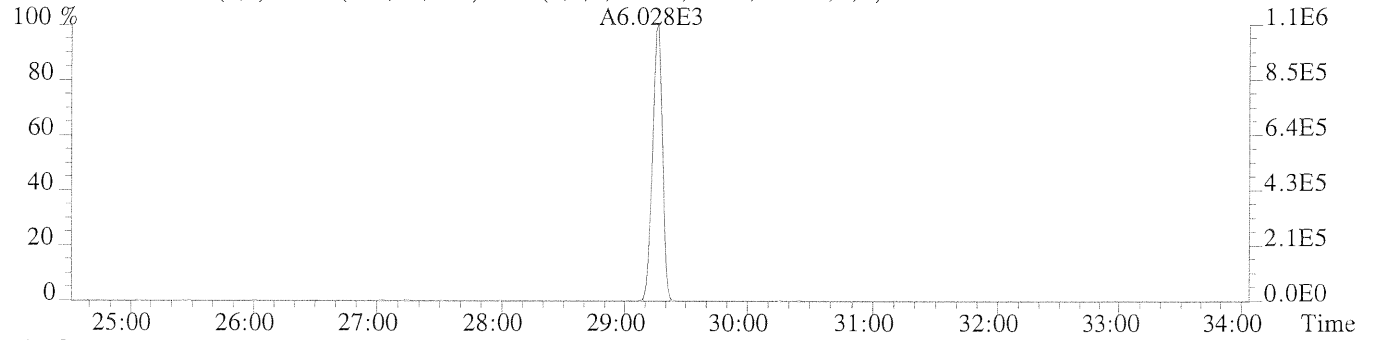


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

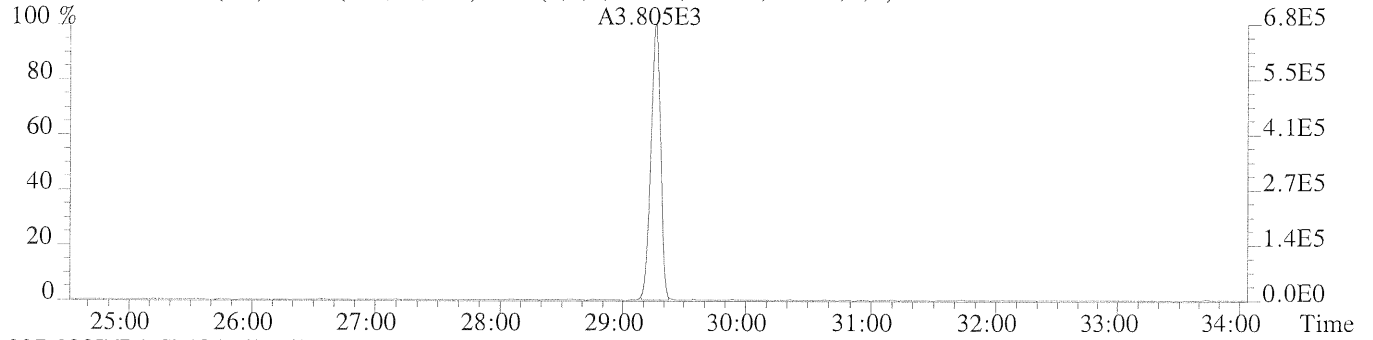


File:U221019 #1-610 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS4

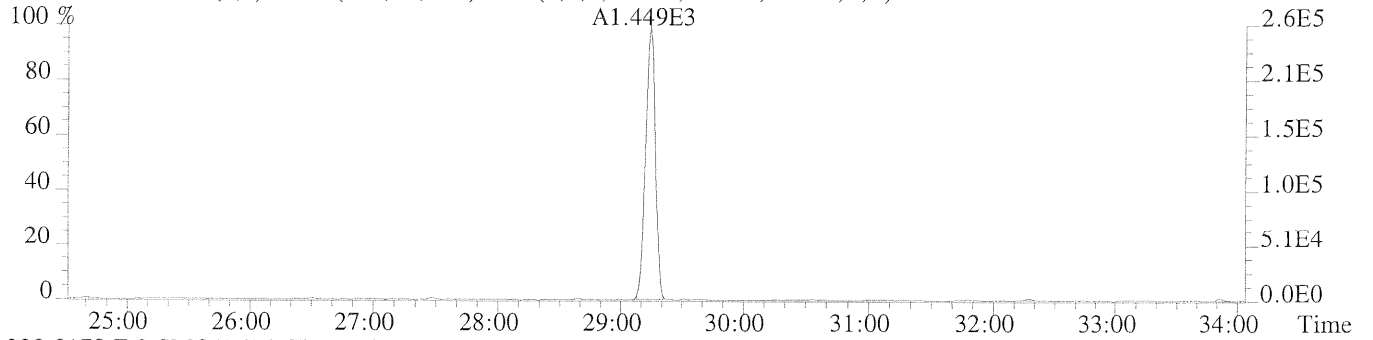
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,960.0,1.00%,F,T)



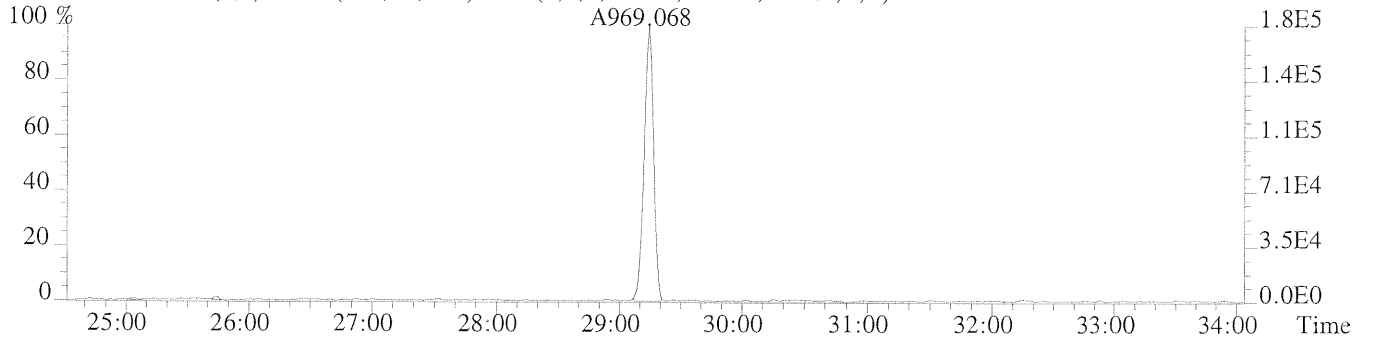
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1836.0,1.00%,F,T)



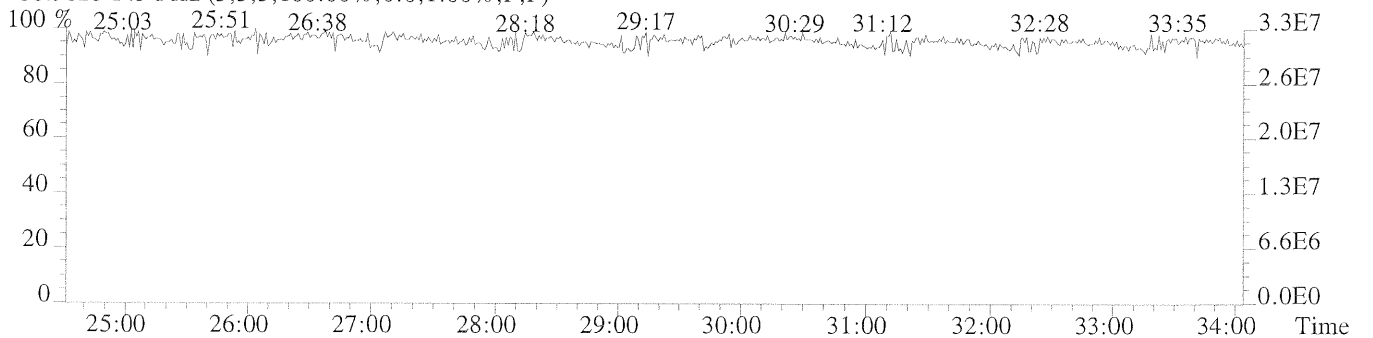
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1176.0,1.00%,F,T)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1084.0,1.00%,F,T)



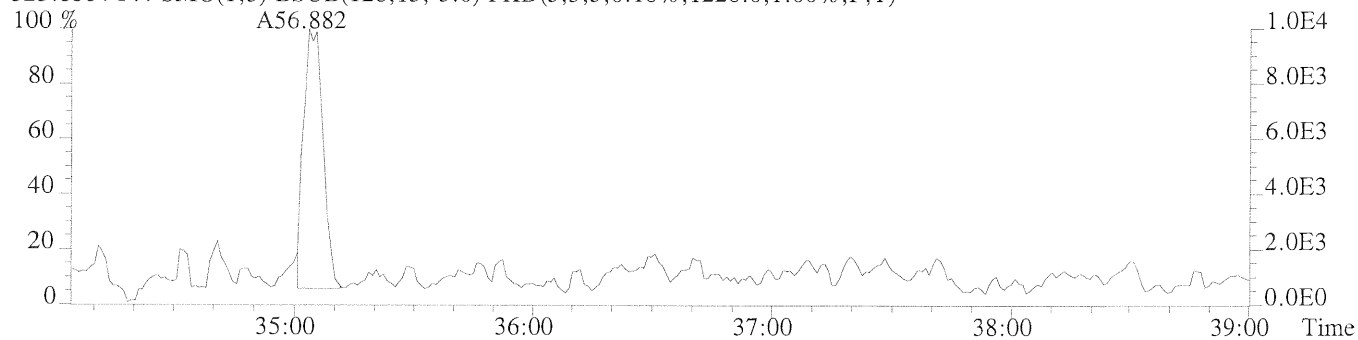
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



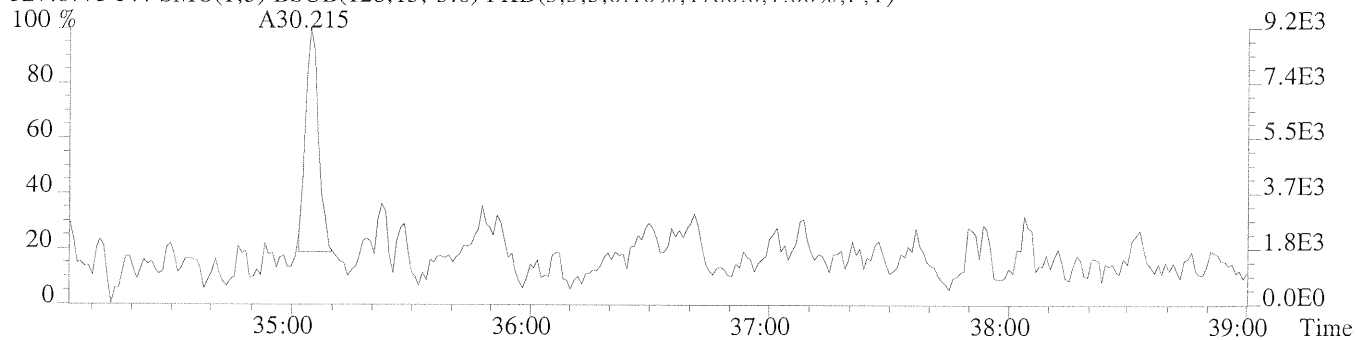
File:U221019 #1-316 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS4

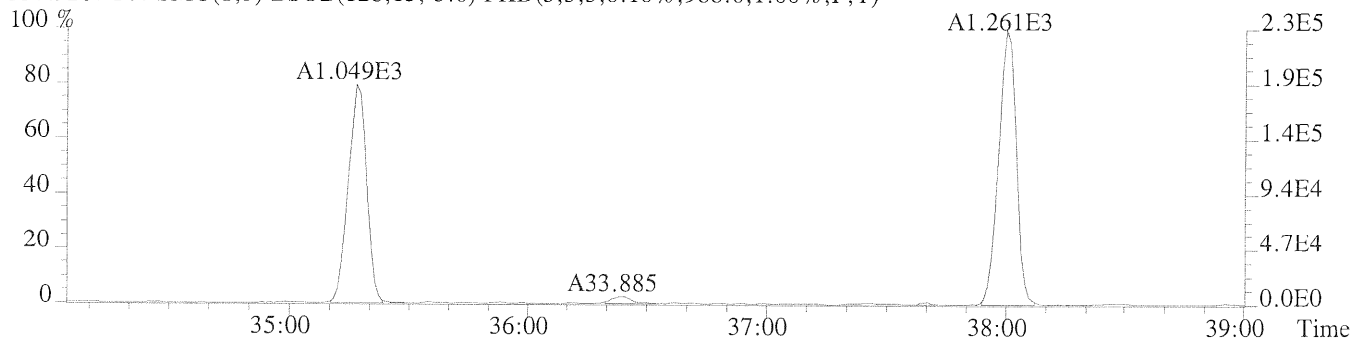
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1220.0,1.00%,F,T)



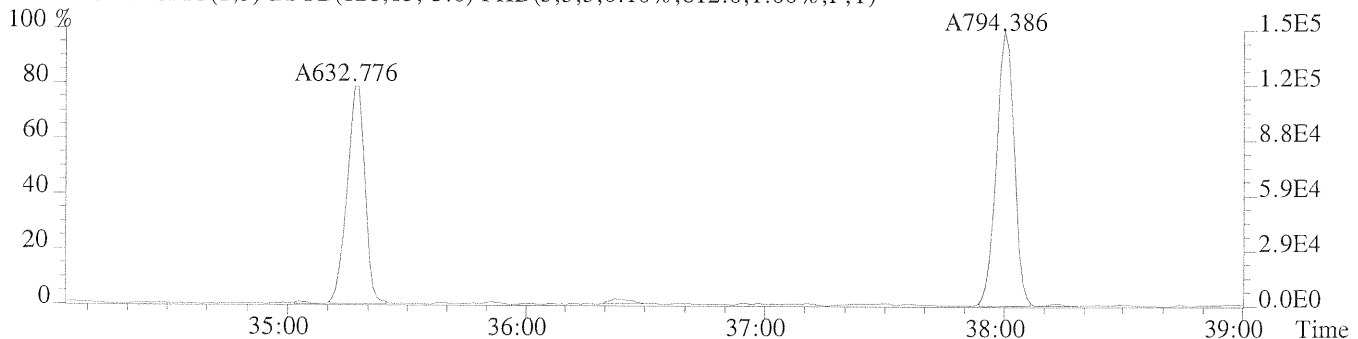
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1780.0,1.00%,F,T)



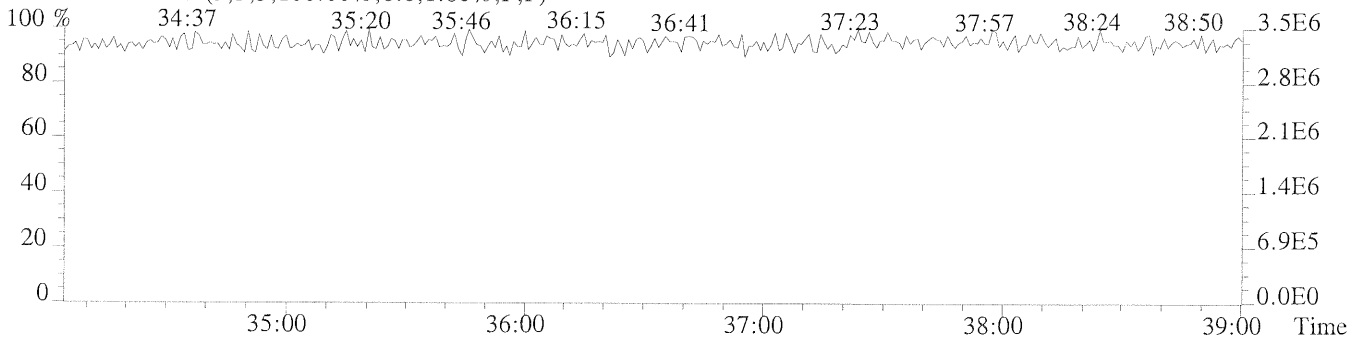
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,988.0,1.00%,F,T)



339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,812.0,1.00%,F,T)

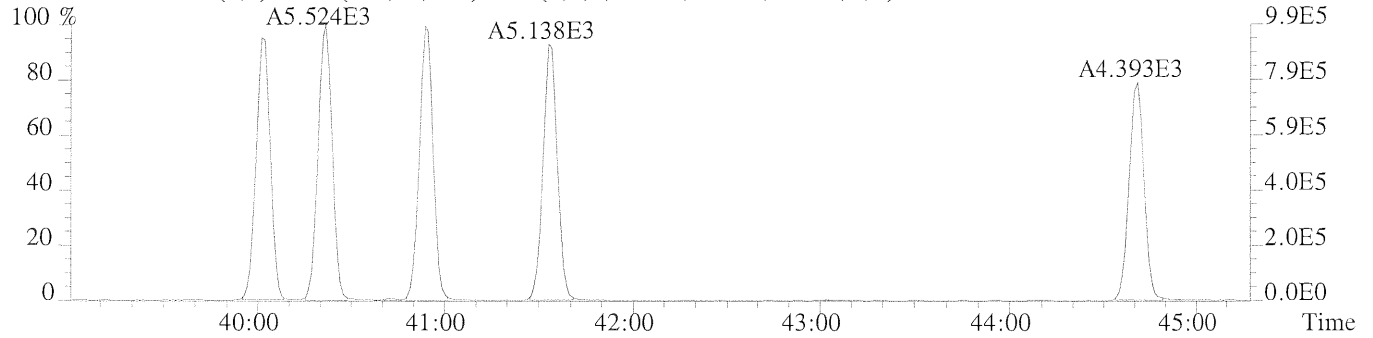


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

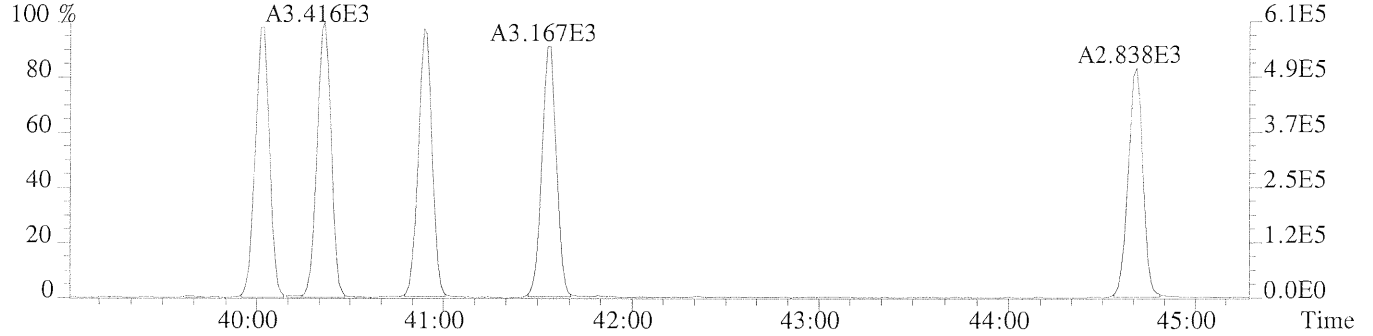


File:U221019 #1-402 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS4

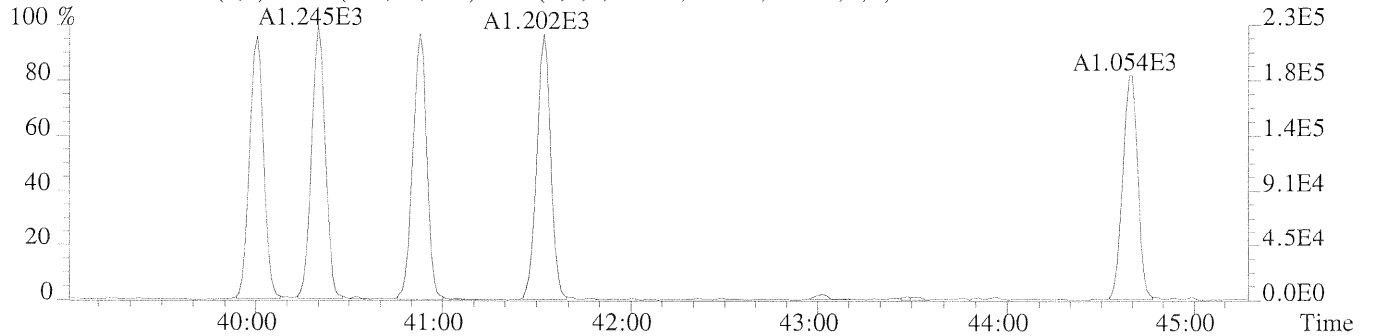
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1332.0,1.00%,F,T)



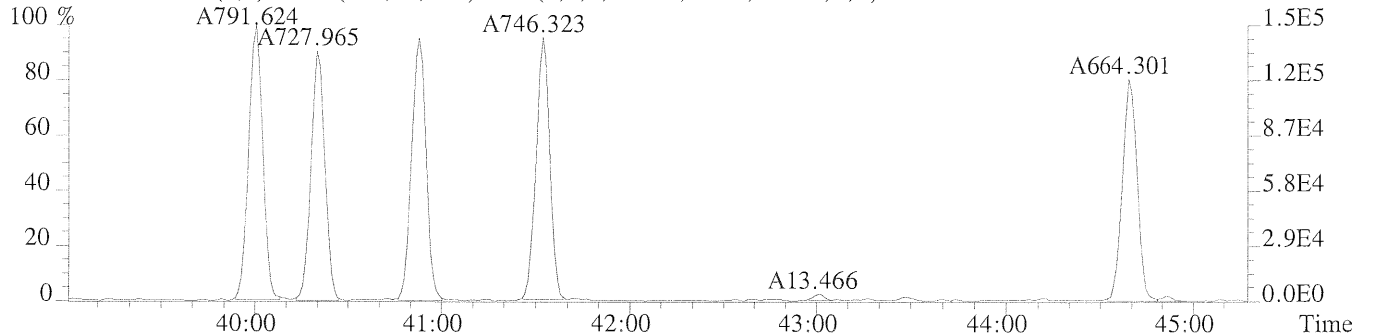
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2612.0,1.00%,F,T)



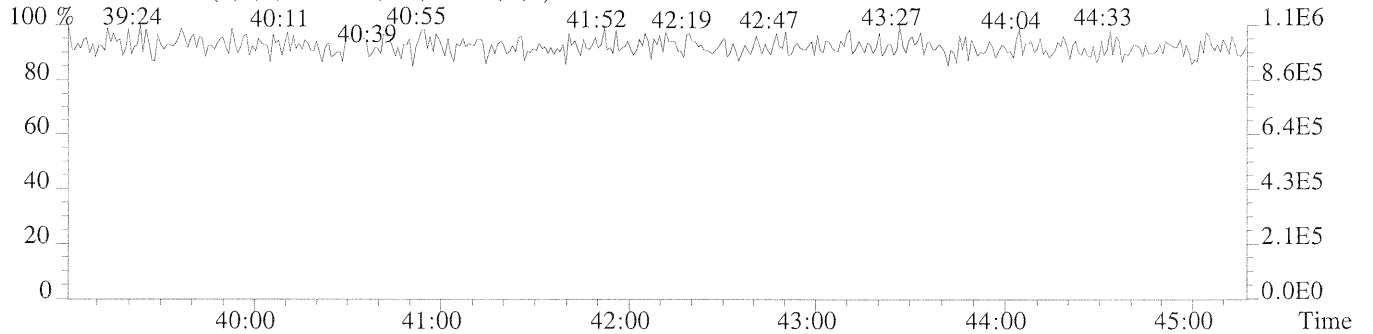
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1236.0,1.00%,F,T)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,860.0,1.00%,F,T)

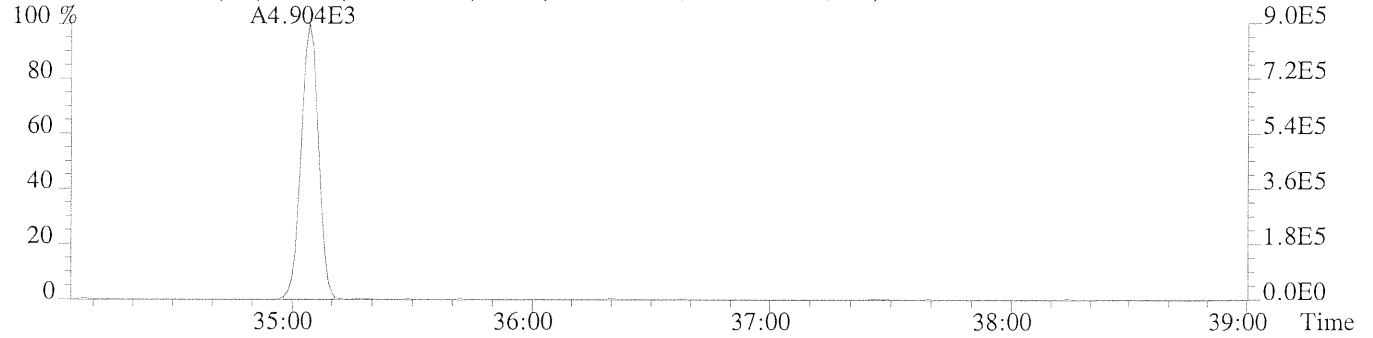


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

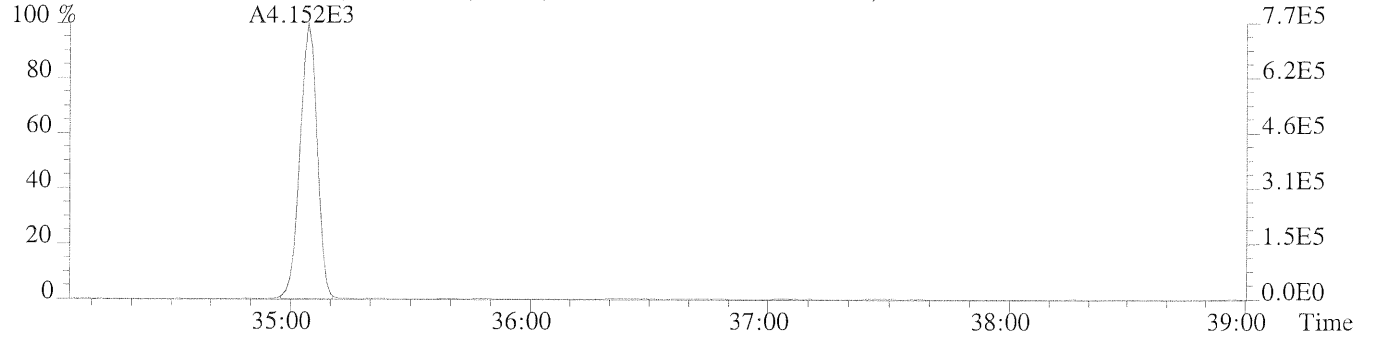


Sample#1 Exp:ICAL CS4

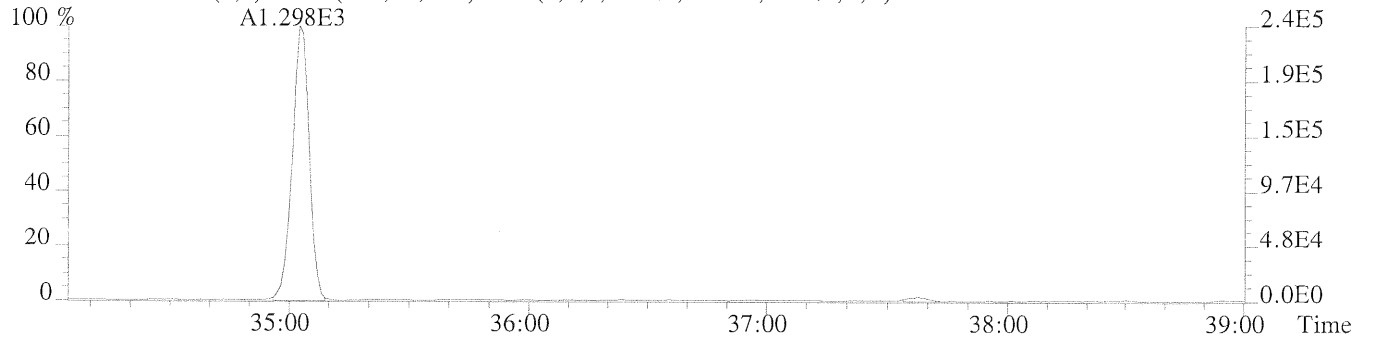
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,788.0,1.00%,F,T)



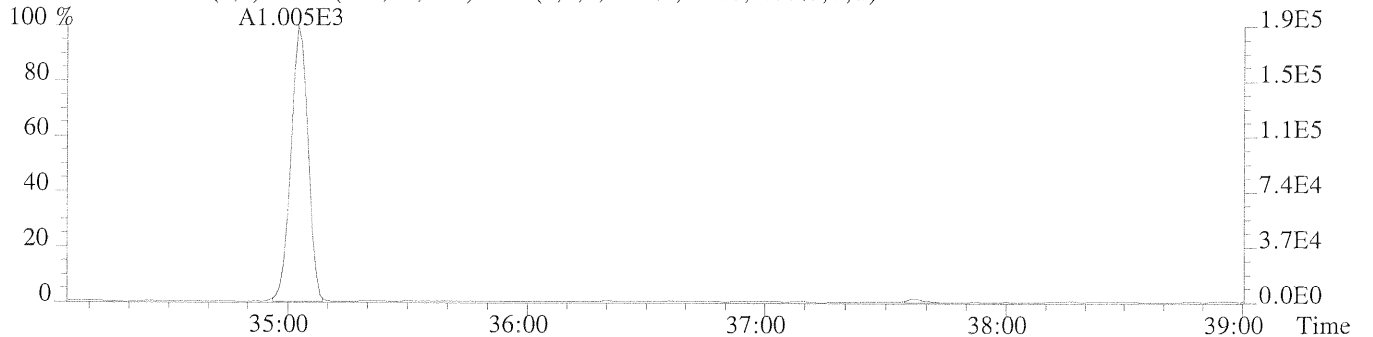
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,840.0,1.00%,F,T)



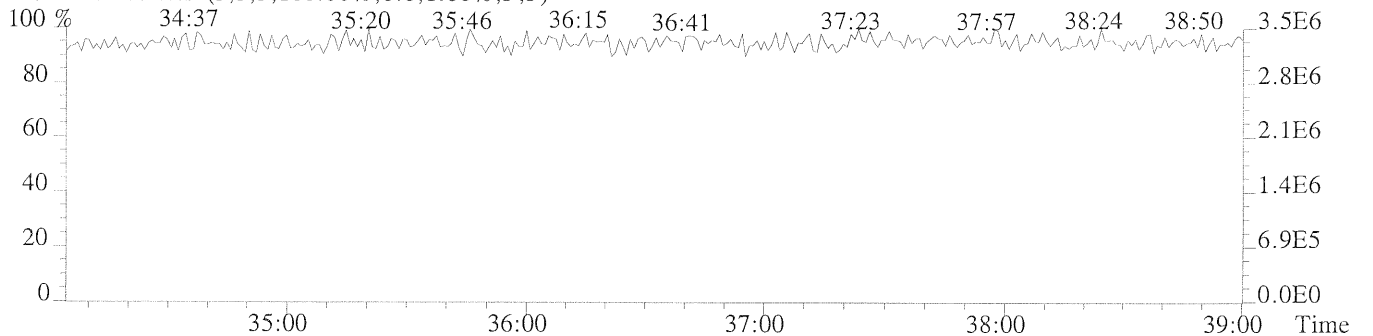
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1224.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,852.0,1.00%,F,T)



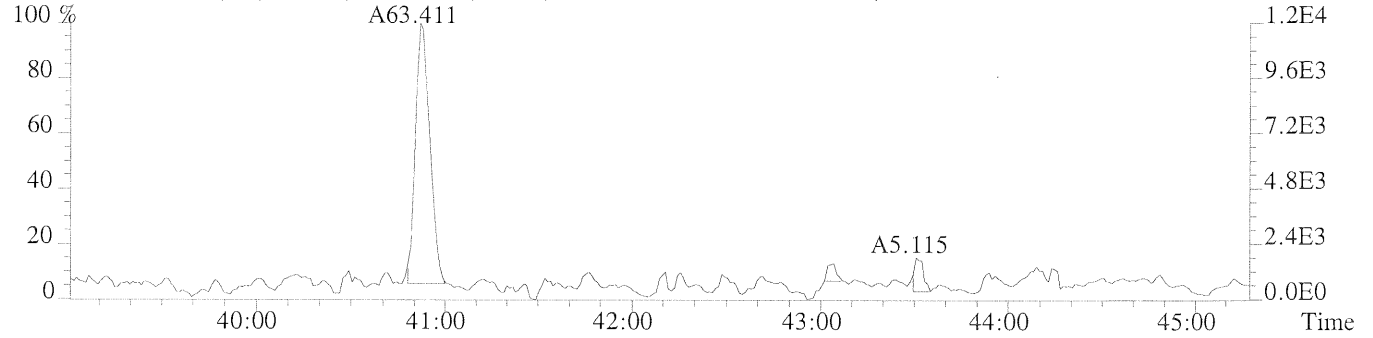
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



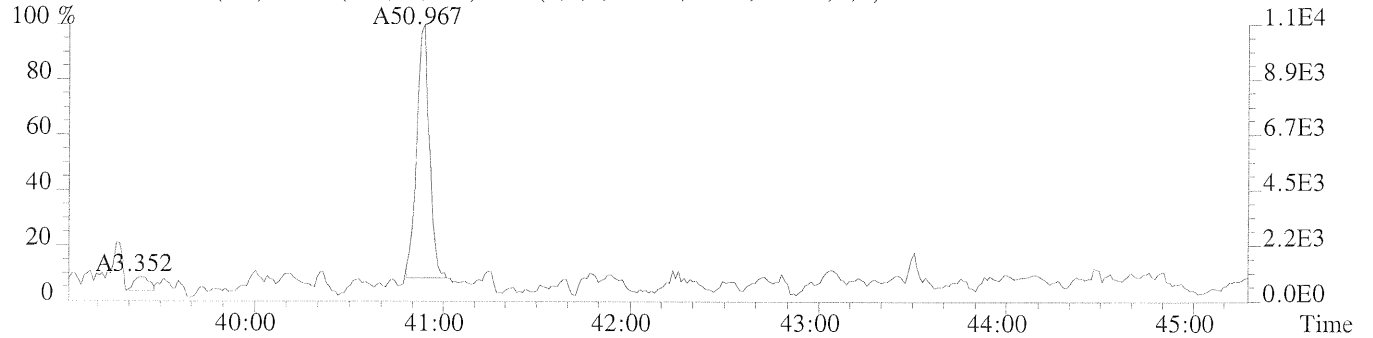
File:U221019 #1-402 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS4

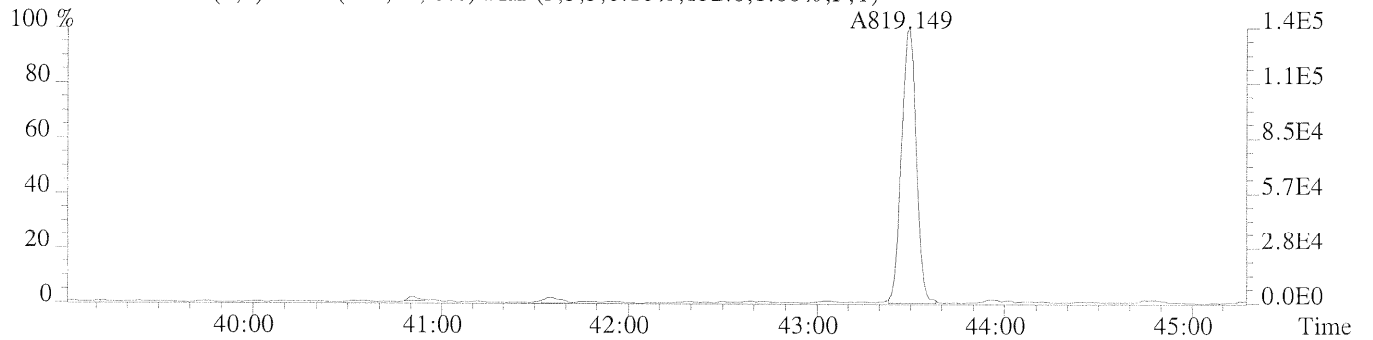
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,840.0,1.00%,F,T)



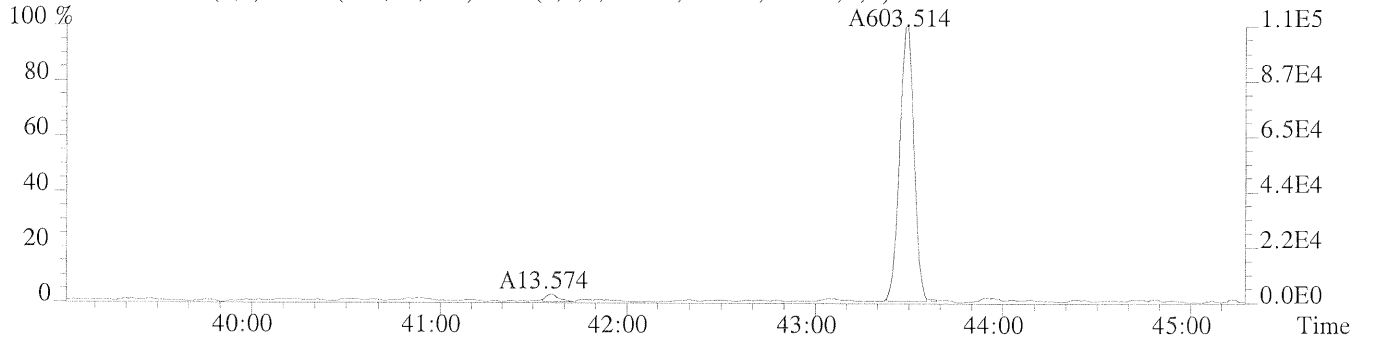
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,952.0,1.00%,F,T)



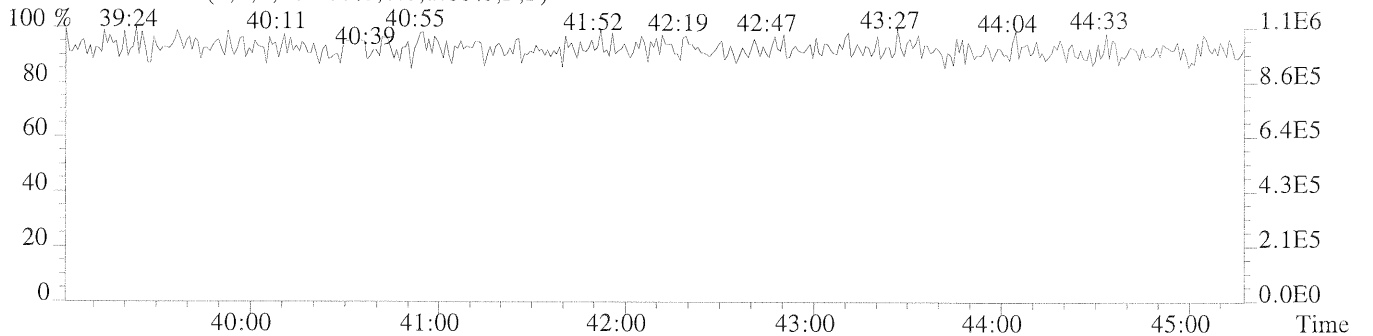
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,832.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1020.0,1.00%,F,T)



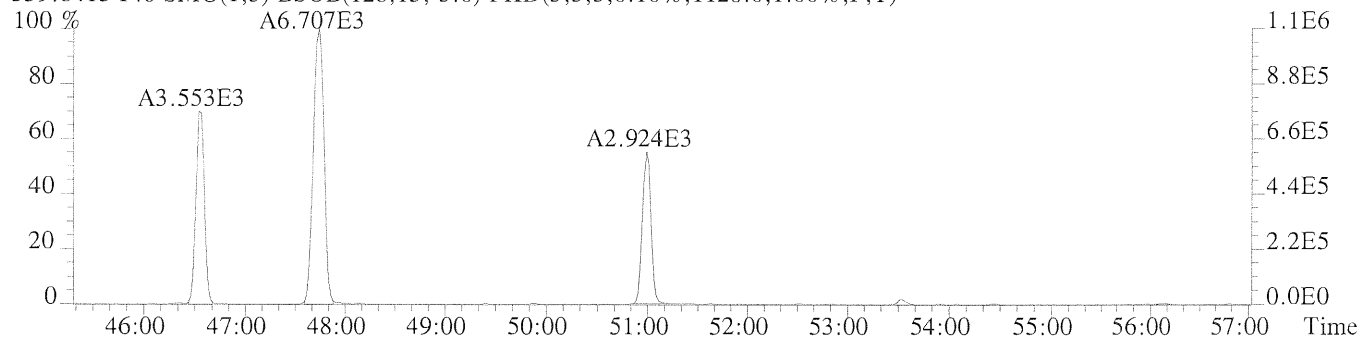
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



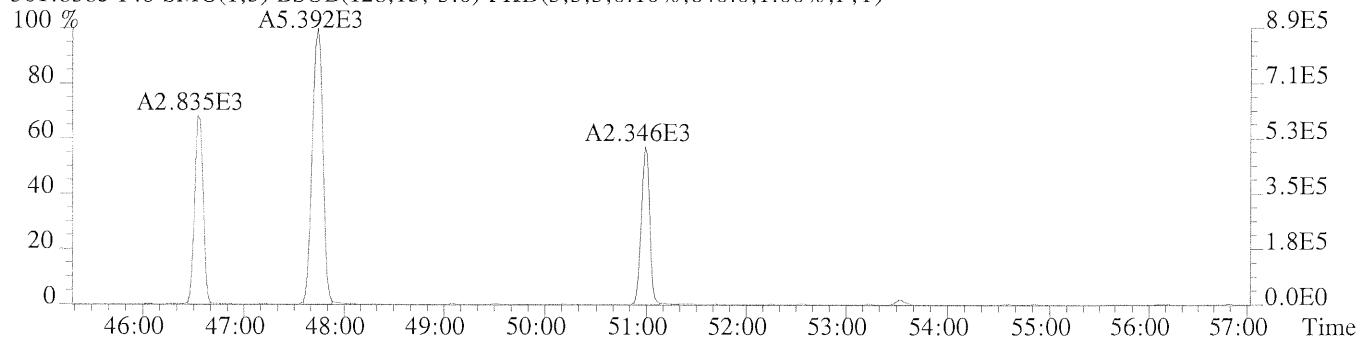
File:U221019 #1-581 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS4

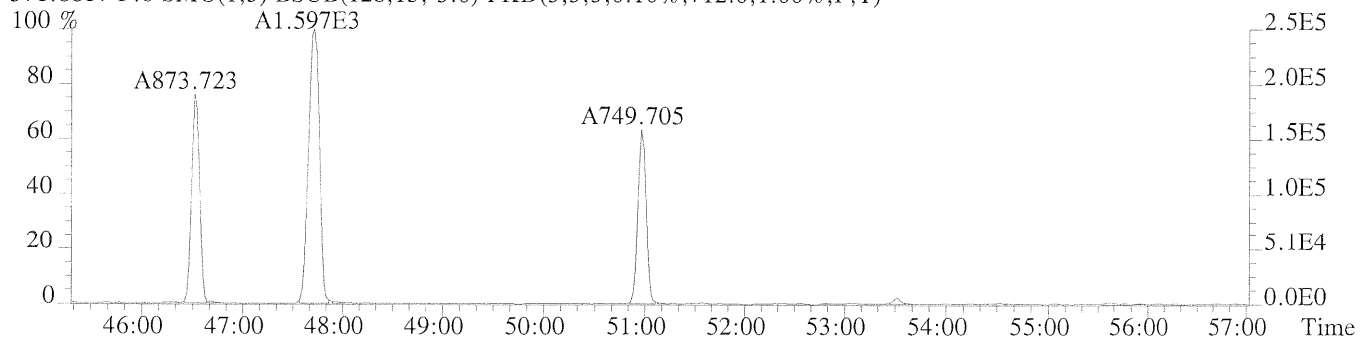
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1120.0,1.00%,F,T)



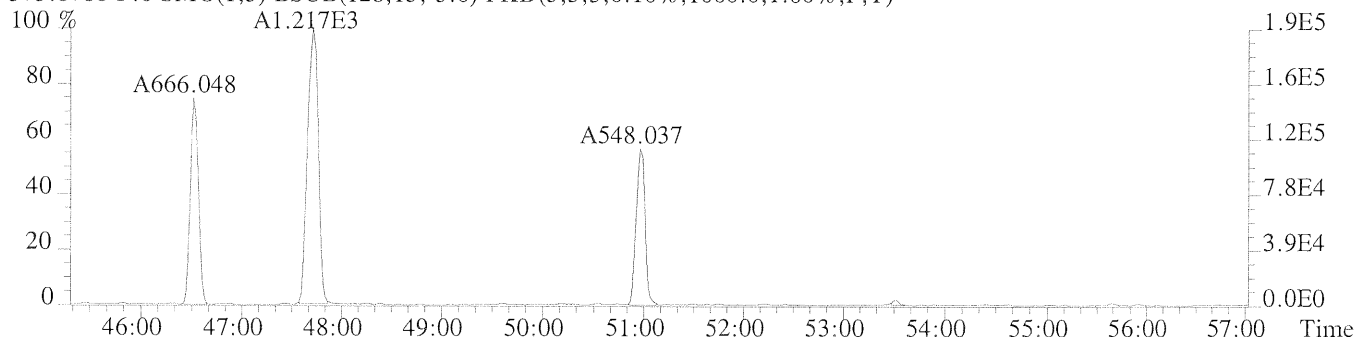
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,640.0,1.00%,F,T)



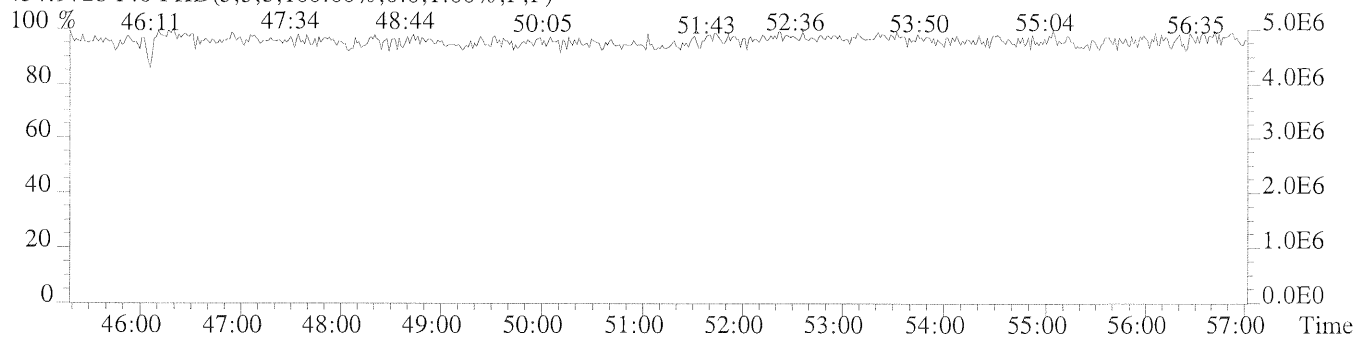
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,712.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1060.0,1.00%,F,T)



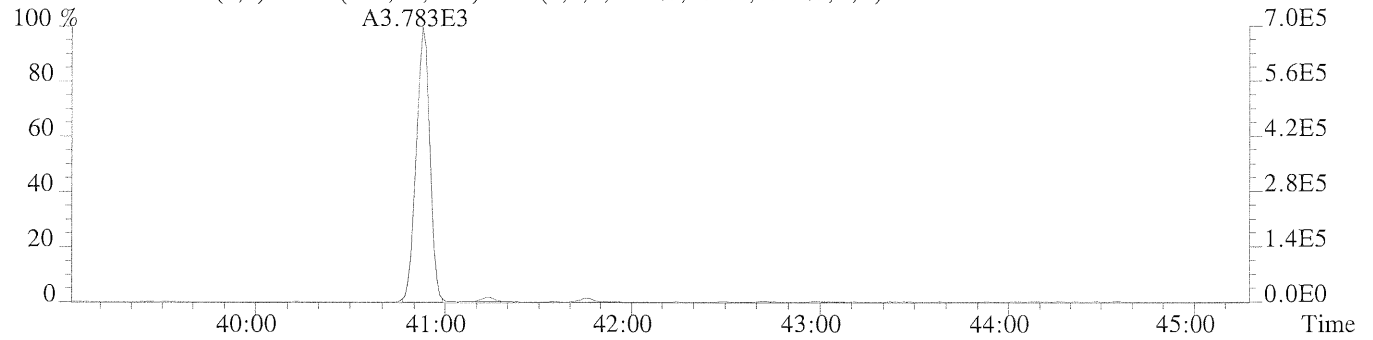
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



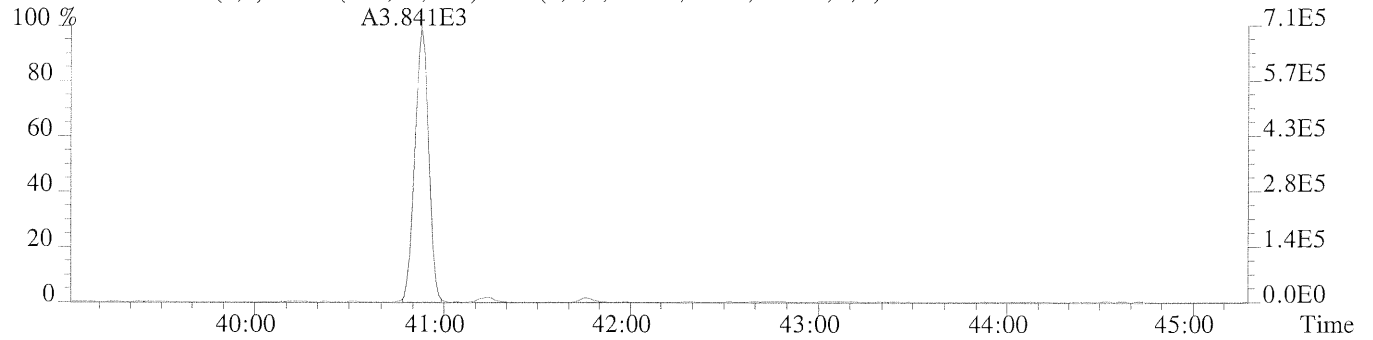
File:U221019 #1-402 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS4

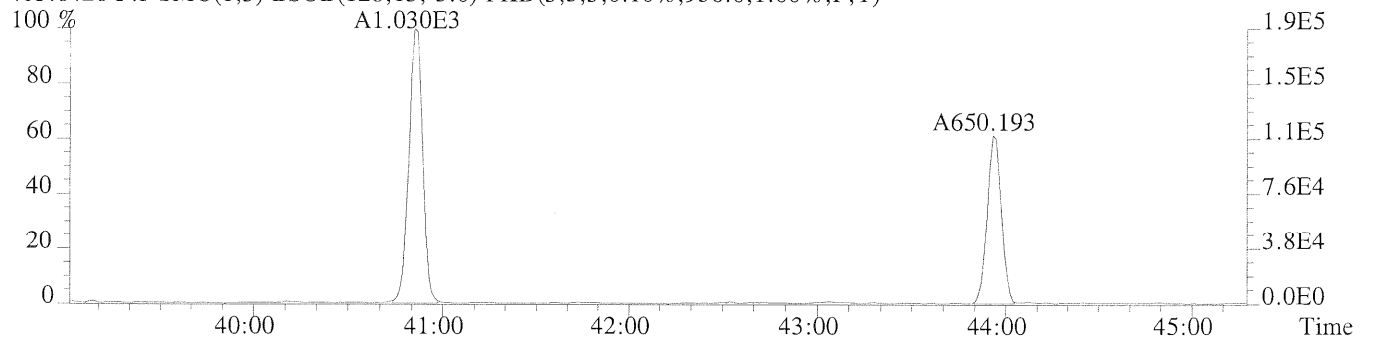
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,700.0,1.00%,F,T)



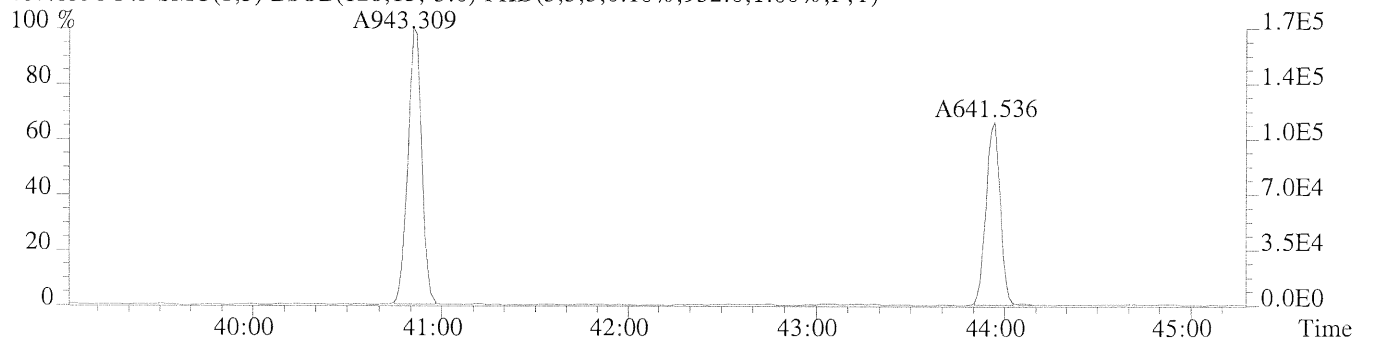
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,900.0,1.00%,F,T)



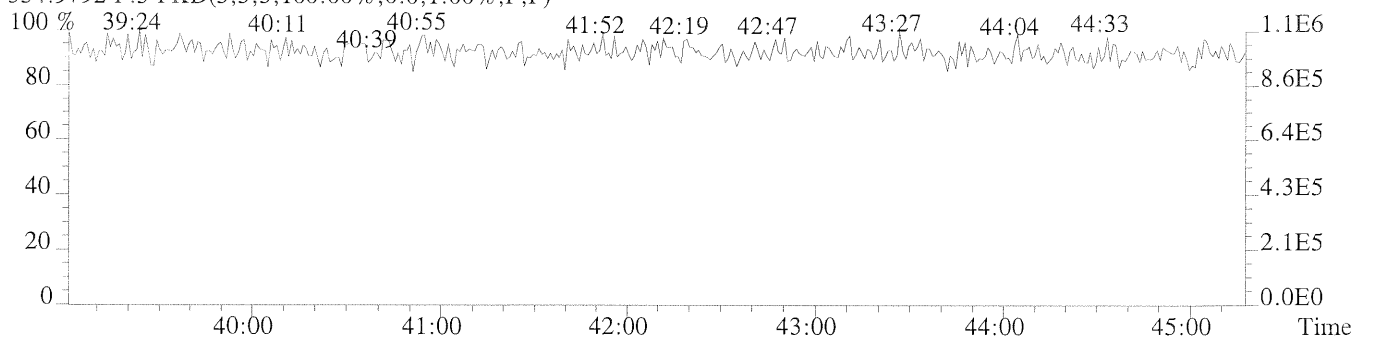
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,956.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,932.0,1.00%,F,T)

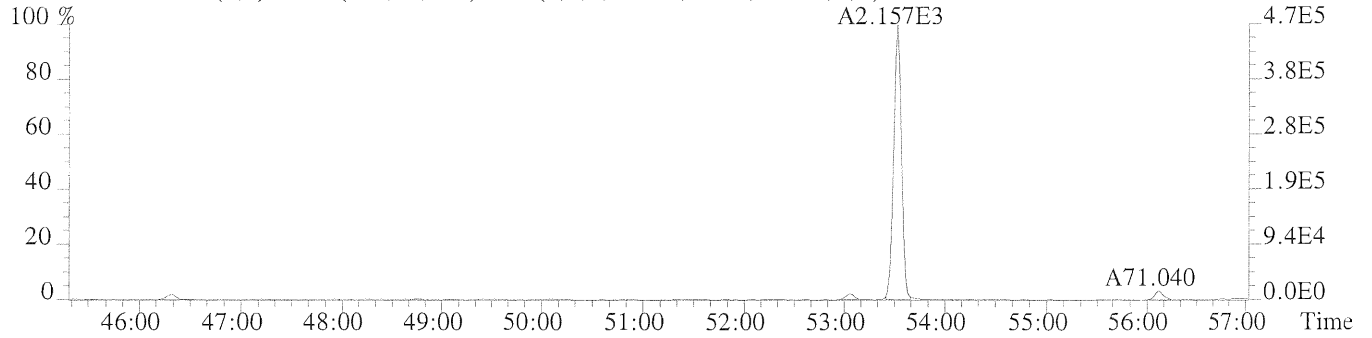


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

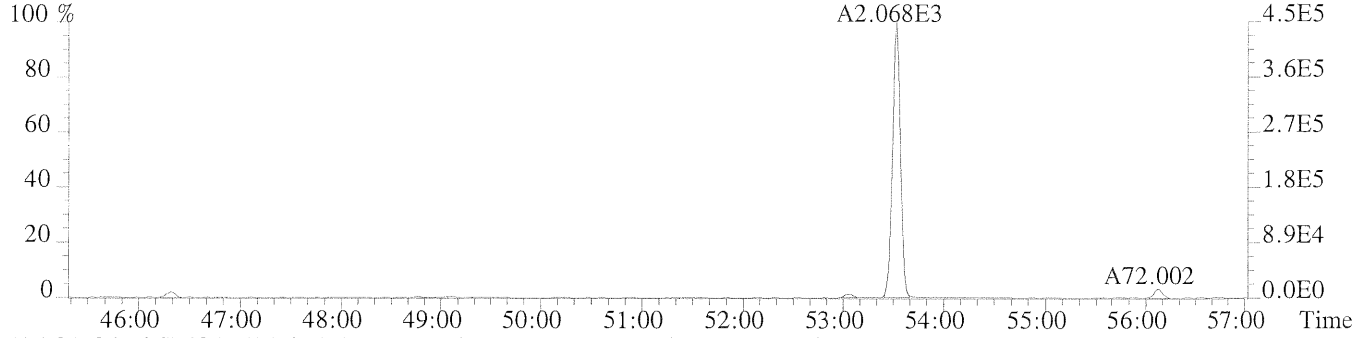


File:U221019 #1-581 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS4

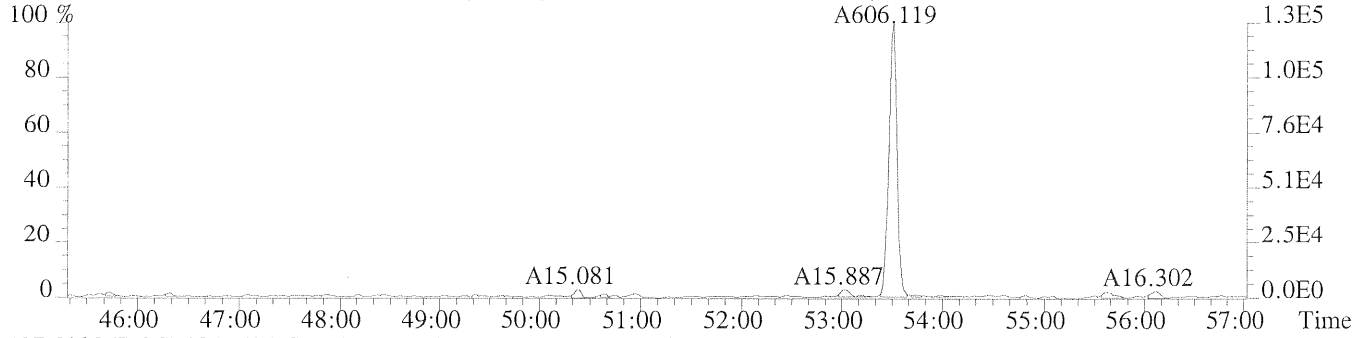
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,668.0,1.00%,F,T)



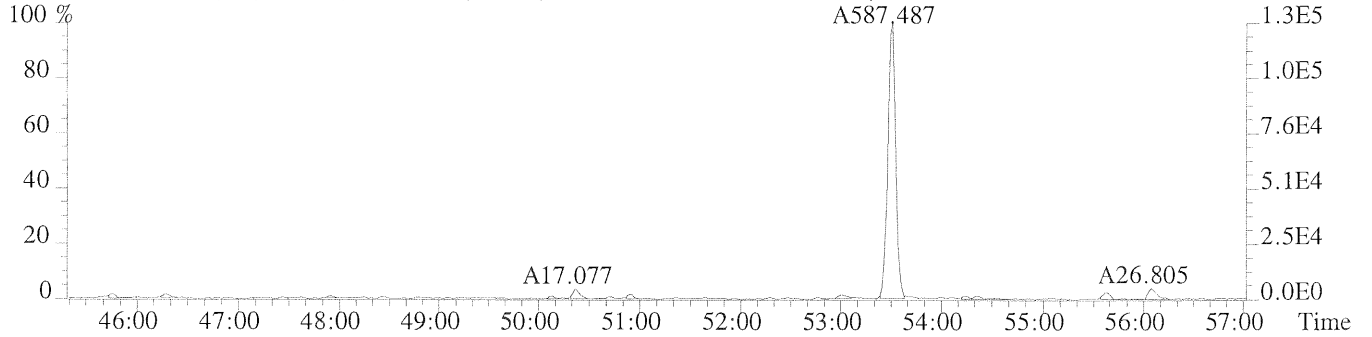
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,688.0,1.00%,F,T)



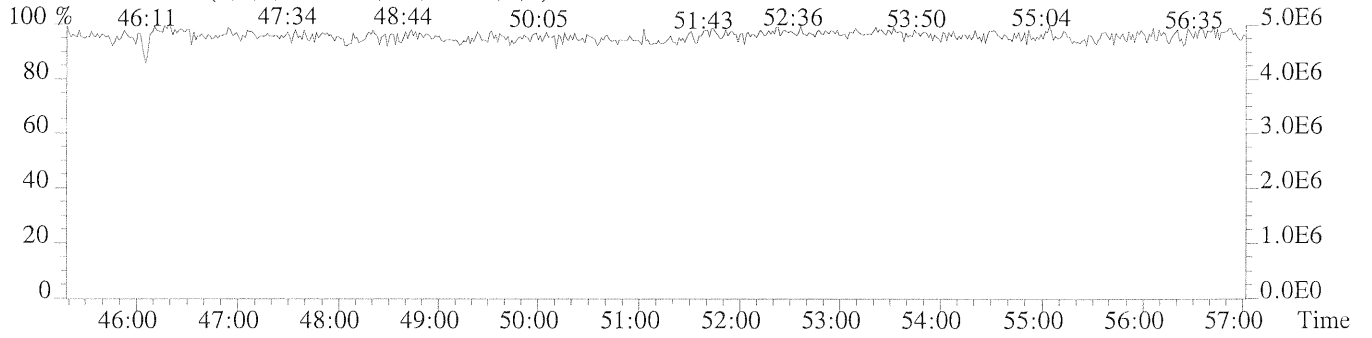
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,644.0,1.00%,F,T)



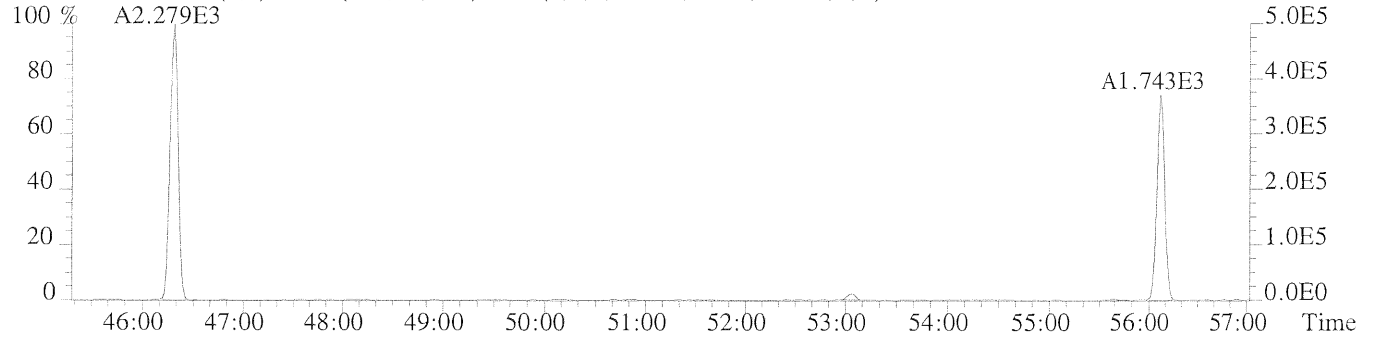
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



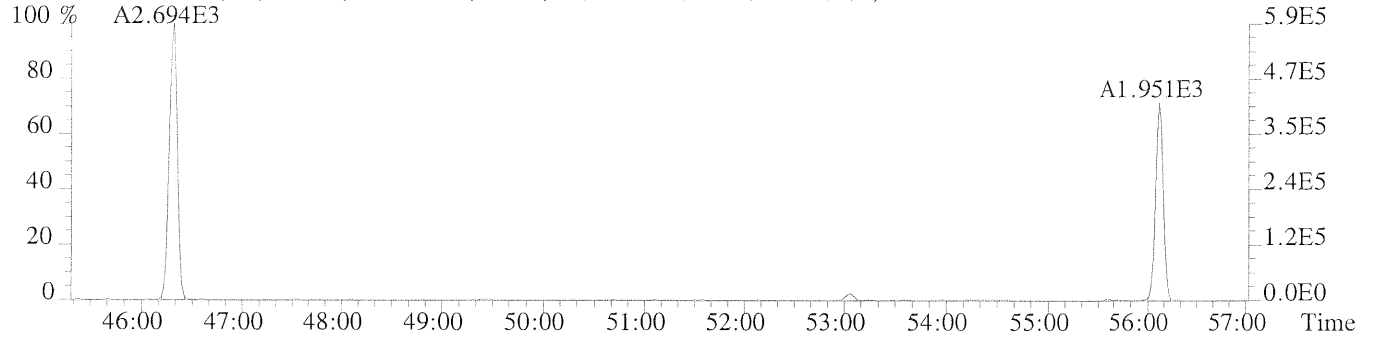
File:U221019 #1-581 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS4

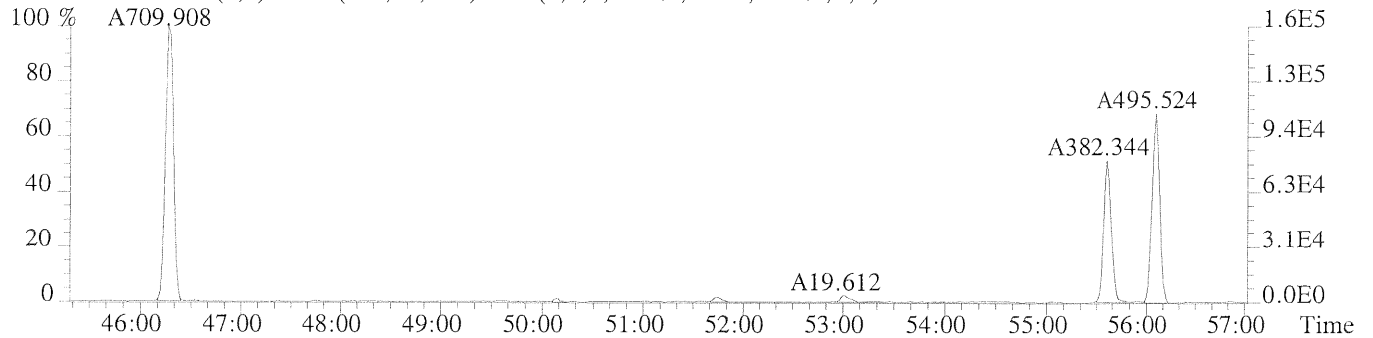
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,664.0,1.00%,F,T)



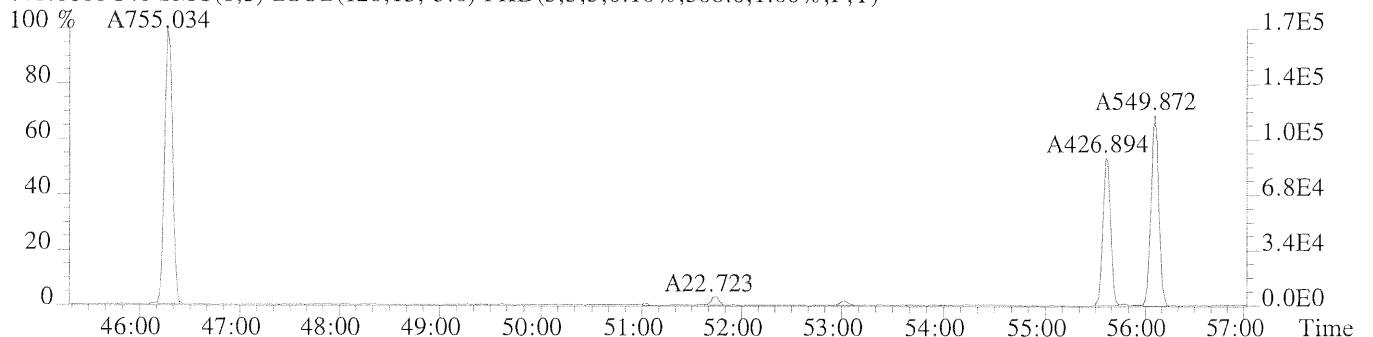
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,572.0,1.00%,F,T)



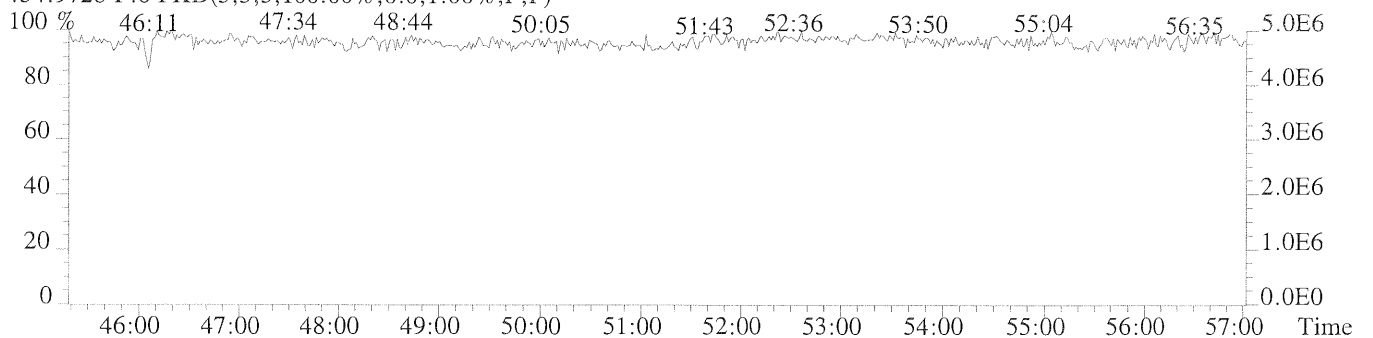
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,480.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,508.0,1.00%,F,T)



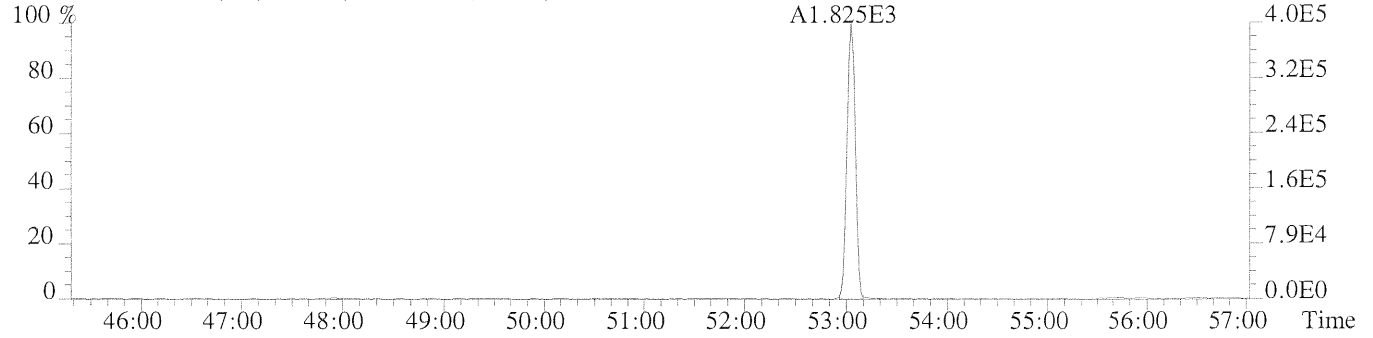
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



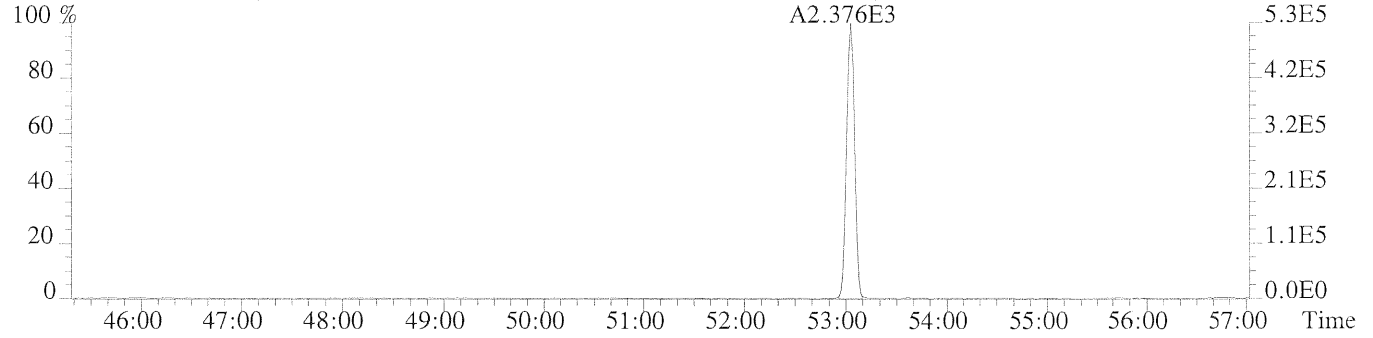
File:U221019 #1-581 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS4

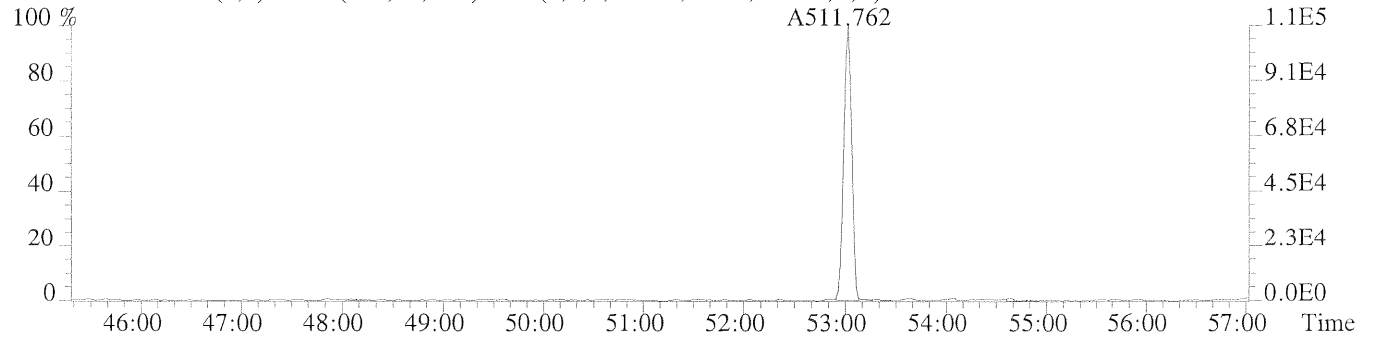
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,600.0,1.00%,F,T)



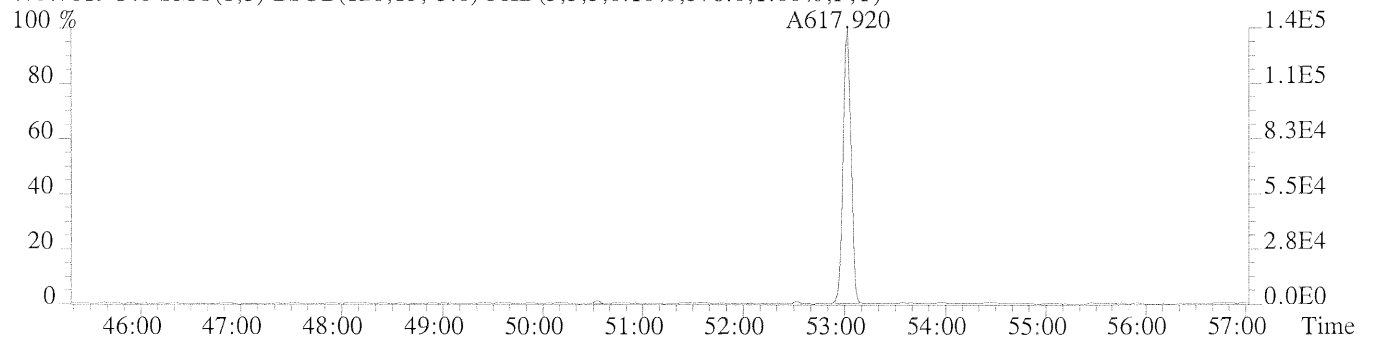
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,796.0,1.00%,F,T)



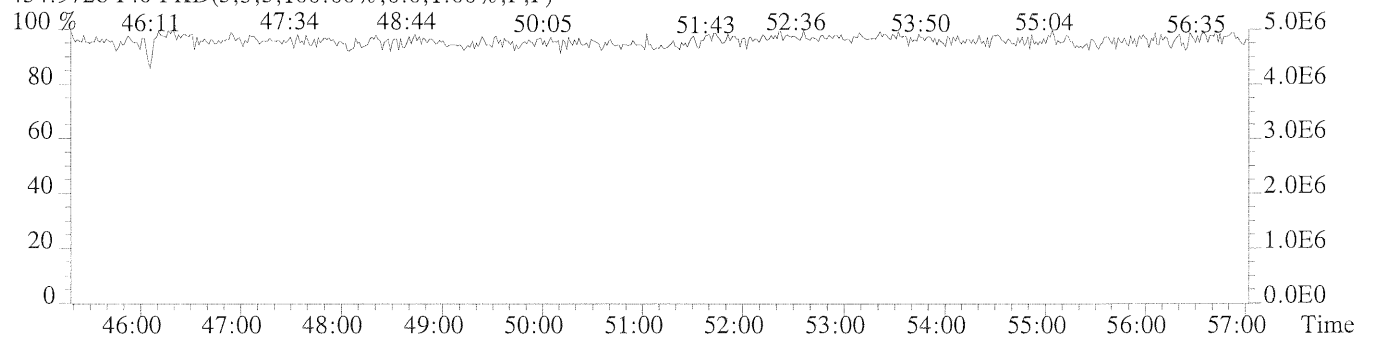
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,500.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,576.0,1.00%,F,T)

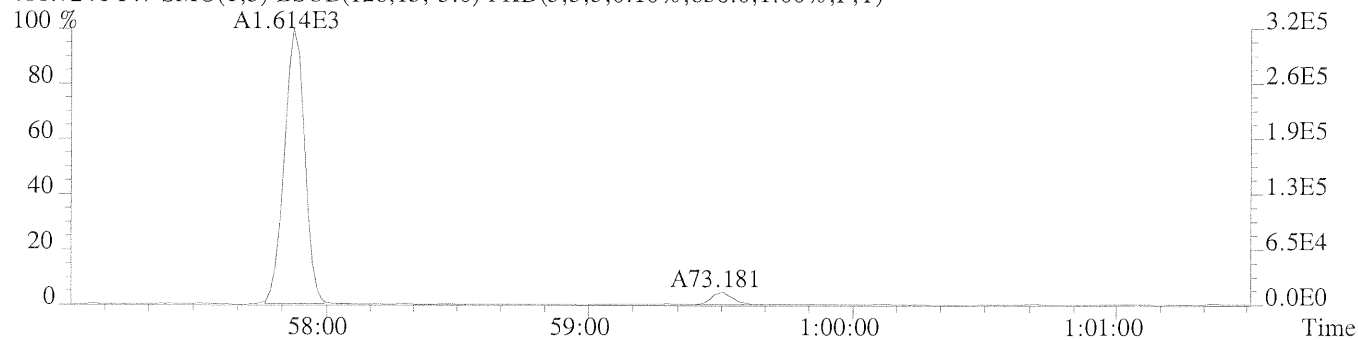


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

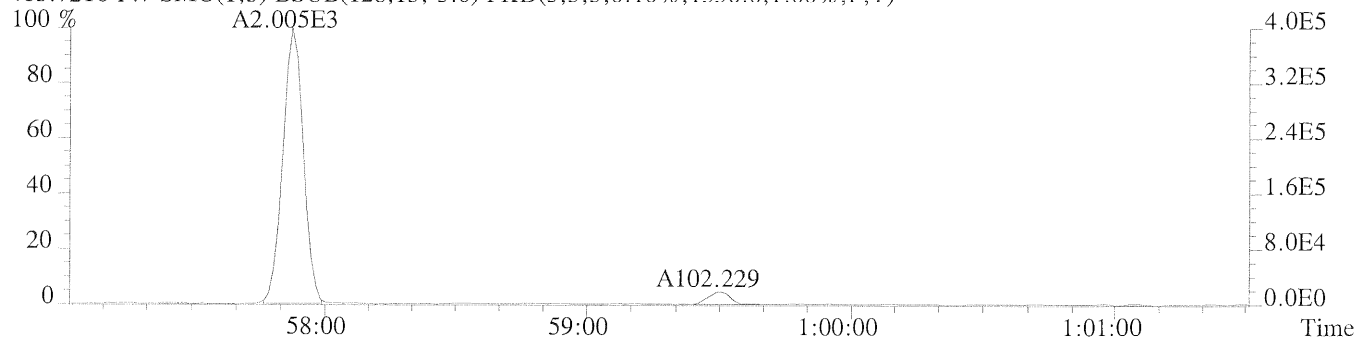


File:U221019 #1-253 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS4

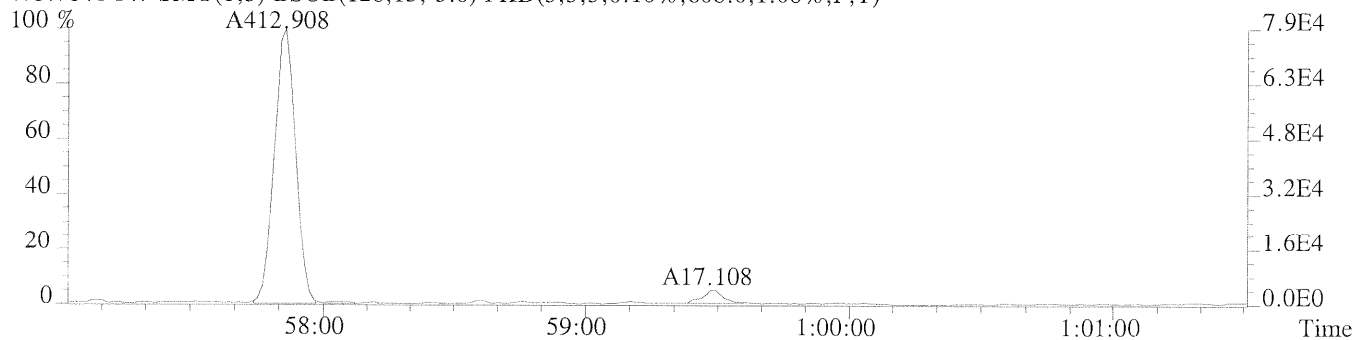
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,856.0,1.00%,F,T)



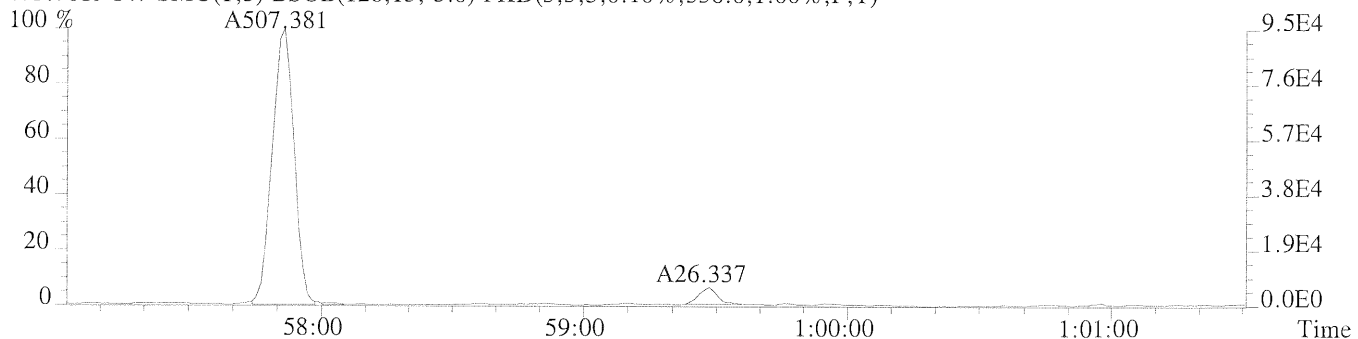
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1336.0,1.00%,F,T)



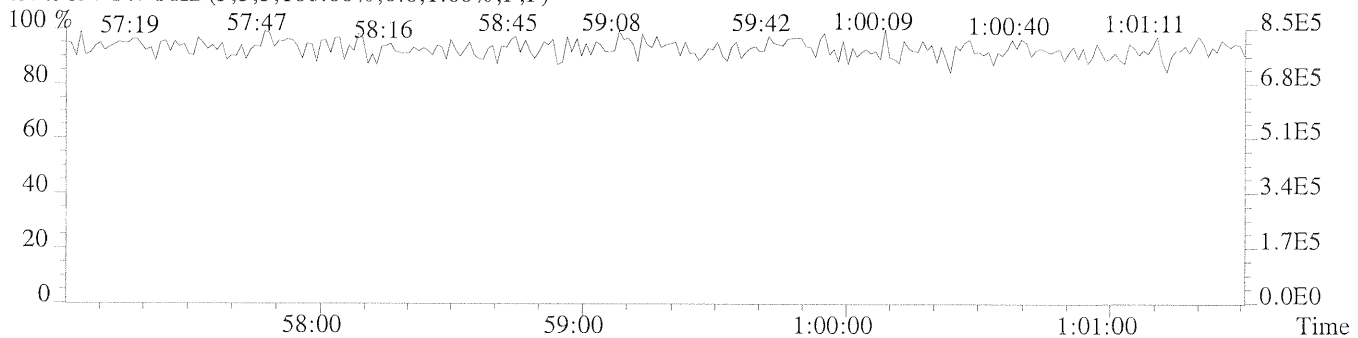
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,608.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,536.0,1.00%,F,T)



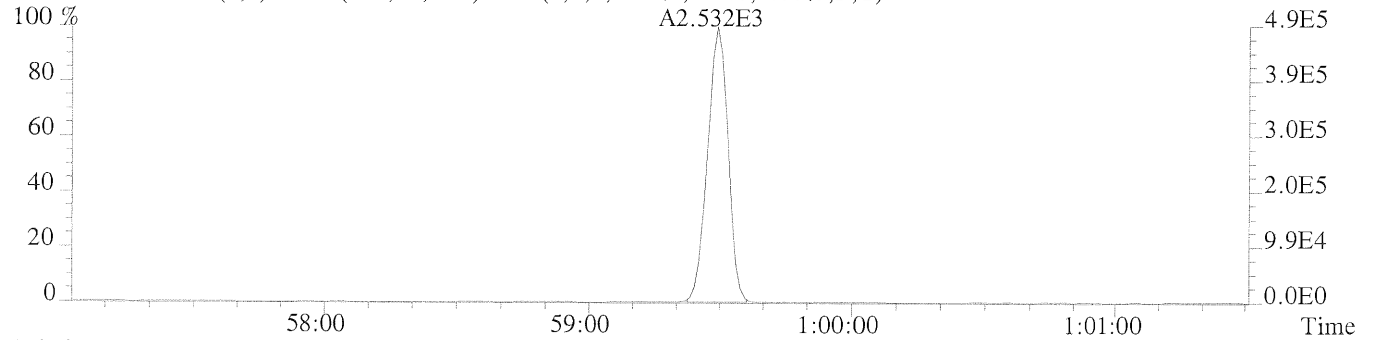
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



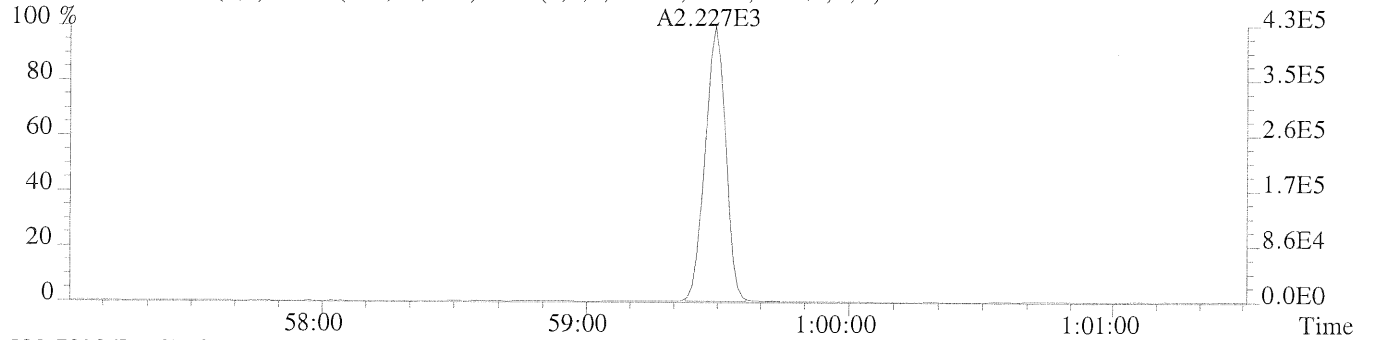
File:U221019 #1-253 Acq:19-OCT-2009 16:08:27 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS4

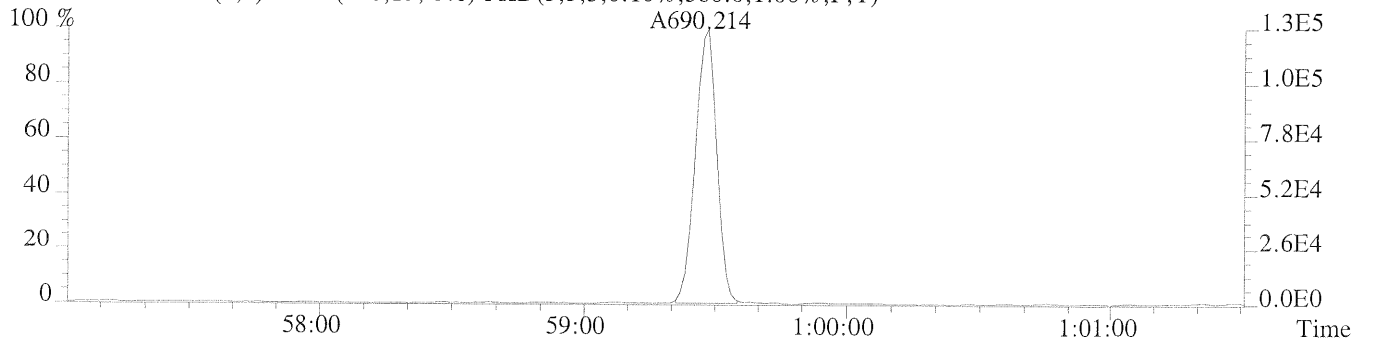
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,768.0,1.00%,F,T)



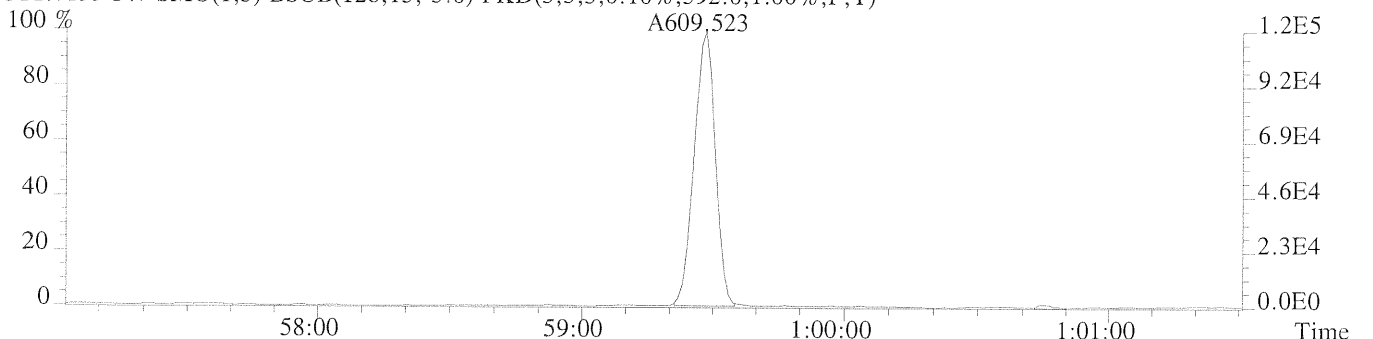
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,736.0,1.00%,F,T)



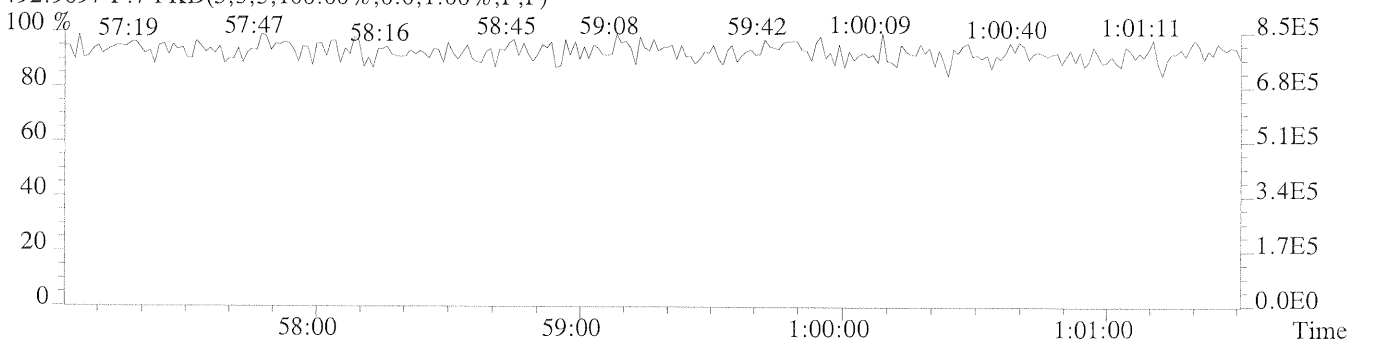
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,580.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,592.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
ICAL CS5

Run #5 Filename U221020 #1 Samp: 1 Inj: 1 Acquired: 19-OCT-09 17:18:15
Processed: 20-APR-10 10:37:26 LAB. ID: ICAL CS5

Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT
1	2-MoCB	14:06	5.549e+05	1.782e+05	3.11	yes	no	1.001
2	4-MoCB	16:31	5.556e+05	1.813e+05	3.06	yes	no	1.001
3	22'-DiCB	16:48	2.950e+05	1.910e+05	1.54	yes	no	1.001
4	44'-DiCB	23:11	3.658e+05	2.396e+05	1.53	yes	no	1.001
5	22'6'-TrCB	20:12	1.775e+05	1.743e+05	1.02	yes	no	1.001
6	344'-TrCB	30:31	3.180e+05	3.165e+05	1.00	yes	no	1.001
7	22'66'-TeCB	23:30	2.054e+05	2.921e+05	0.70	yes	no	1.001
8	344'5-TeCB	37:26	2.212e+05	2.844e+05	0.78	yes	no	1.000
9	33'44'-TeCB	38:01	2.163e+05	2.753e+05	0.79	yes	no	1.001
10	22'466'-PeCB	29:15	2.912e+05	1.881e+05	1.55	yes	no	1.001
11	2'344'5-PeCB	40:02	2.669e+05	1.716e+05	1.56	yes	no	1.001
12	23'44'5-PeCB	40:22	2.819e+05	1.768e+05	1.59	yes	no	1.001
13	2344'5-PeCB	40:55	2.799e+05	1.763e+05	1.59	yes	no	1.001
14	233'44'-PeCB	41:34	2.687e+05	1.692e+05	1.59	yes	no	1.001
15	33'44'5-PeCB	44:41	2.453e+05	1.525e+05	1.61	yes	no	1.000
16	22'44'66'-HxCB	35:05	2.334e+05	1.975e+05	1.18	yes	no	1.001
17	23'44'55'-HxCB	46:34	1.812e+05	1.485e+05	1.22	yes	no	1.000
18	233'44'5-HxCB	47:44	3.549e+05	2.856e+05	1.24	yes	no	1.000
19	33'44'55'-HxCB	51:00	1.535e+05	1.218e+05	1.26	yes	no	1.000
20	22'34'566'-HpCB	40:53	1.820e+05	1.828e+05	1.00	yes	no	1.000
21	233'44'55'-HpCB	53:32	1.095e+05	1.095e+05	1.00	yes	no	1.000
22	22'33'55'66'-OxCB	46:19	1.100e+05	1.266e+05	0.87	yes	no	1.000
23	233'44'55'6-OxCB	56:08	9.052e+04	1.042e+05	0.87	yes	no	1.000
24	22'33'4'55'66'-NoCB	53:03	8.600e+04	1.123e+05	0.77	yes	no	1.000
25	22'33'44'55'6-NoCB	57:54	8.164e+04	1.059e+05	0.77	yes	no	1.000
26	DeCB	59:31	1.318e+05	1.091e+05	1.21	yes	no	1.001
27	13C-2-MoCB	14:05	2.503e+04	8.486e+03	2.95	yes	no	0.743
28	13C-4-MoCB	16:30	2.620e+04	8.539e+03	3.07	yes	no	0.871
29	13C-22'-DiCB	16:47	1.506e+04	9.990e+03	1.51	yes	no	0.886
30	13C-44'-DiCB	23:10	1.847e+04	1.210e+04	1.53	yes	no	1.223
31	13C-22'6'-TrCB	20:11	8.645e+03	8.388e+03	1.03	yes	no	1.065
32	13C-344'-TrCB	30:30	1.483e+04	1.408e+04	1.05	yes	no	1.080
33	13C-22'66'-TeCB	23:29	1.144e+04	1.448e+04	0.79	yes	no	0.832
34	13C-344'5-TeCB	37:25	1.029e+04	1.289e+04	0.80	yes	no	1.325
35	13C-33'44'-TeCB	37:59	1.025e+04	1.315e+04	0.78	yes	no	1.345
36	13C-22'466'-PeCB	29:13	1.459e+04	9.251e+03	1.58	yes	no	0.828
37	13C-2'344'5-PeCB	40:00	1.241e+04	7.727e+03	1.61	yes	no	1.134
38	13C-23'44'5-PeCB	40:20	1.279e+04	8.038e+03	1.59	yes	no	1.143
39	13C-2344'5-PeCB	40:53	1.285e+04	8.208e+03	1.57	yes	no	1.159
40	13C-233'44'-PeCB	41:32	1.237e+04	7.891e+03	1.57	yes	no	1.177
41	13C-33'44'5-PeCB	44:40	1.155e+04	7.250e+03	1.59	yes	no	1.266
42	13C-22'44'66'-HxCB	35:03	1.232e+04	9.586e+03	1.29	yes	no	0.806
43	13C-23'44'55'-HxCB	46:33	8.901e+03	6.964e+03	1.28	yes	no	1.070
44	13C-233'44'5'-HxCB	47:43	1.633e+04	1.281e+04	1.27	yes	no	1.097
45	13C-33'44'55'-HxCB	50:59	7.394e+03	5.839e+03	1.27	yes	no	1.172
46	13C-22'34'566'-HpCB	40:52	9.472e+03	9.142e+03	1.04	yes	no	0.735
47	13C-233'44'55'-HpCB	53:31	6.171e+03	5.933e+03	1.04	yes	no	0.962
48	13C-22'33'55'66'-OxCB	46:18	6.332e+03	7.022e+03	0.90	yes	no	0.832
49	13C-233'44'55'6-OxCB	56:07	4.829e+03	5.258e+03	0.92	yes	no	1.009
50	13C-22'33'4'55'66'-NoCB	53:02	4.837e+03	6.191e+03	0.78	yes	no	0.953
51	13C-22'33'44'55'6-NoCB	57:53	4.423e+03	5.470e+03	0.81	yes	no	1.040
52	13C-DeCB	59:28	7.161e+03	5.959e+03	1.20	yes	no	1.069

53	28L	13C-244'-TrCB	26:21	1.635e+04	1.577e+04	1.04	yes	no	0.933
54	111L	13C-233'55'-PeCB	38:00	1.242e+04	7.859e+03	1.58	yes	no	1.077
55	178L	13C-22'33'55'6'-HpCB	43:57	6.446e+03	6.123e+03	1.05	yes	no	1.010
56	9L	13C-2,5-DiCB	18:57	1.749e+04	1.111e+04	1.57	yes	no	*
57	52L	13C-22'55'-TeCB	28:14	9.020e+03	1.147e+04	0.79	yes	no	*
58	101L	13C-22'4'55'-PeCB	35:17	9.936e+03	6.216e+03	1.60	yes	no	*
59	138L	13C-22'3'44'5'-HxCB	43:30	7.991e+03	6.240e+03	1.28	yes	no	*
60	194L	13C-22'33'44'55'-OcCB	55:38	3.665e+03	4.048e+03	0.91	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
ICAL CS5

Run #5 Filename U221020 Samp: 1 Inj: 1 Acquired: 19-OCT-09 17:18:15
Processed: 20-APR-10 10:37:261 LAB. ID: ICAL CS5

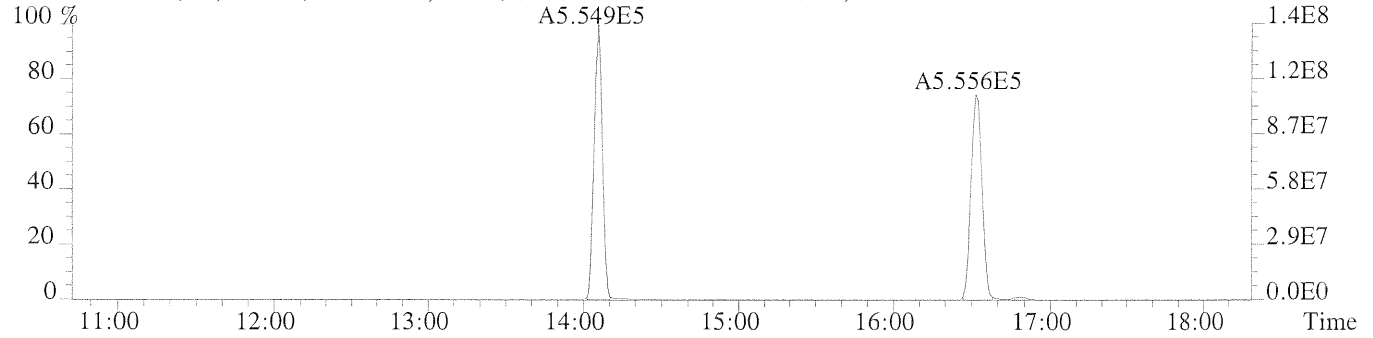
	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	1.44e+08	1.70e+03	8.5e+04	4.63e+07	1.60e+03	2.9e+04
2	4-MoCB	1.07e+08	1.70e+03	6.3e+04	3.51e+07	1.60e+03	2.2e+04
3	22'-DiCB	5.76e+07	2.12e+03	2.7e+04	3.73e+07	1.14e+04	3.3e+03
4	44'-DiCB	5.55e+07	2.18e+03	2.5e+04	3.64e+07	7.46e+03	4.9e+03
5	22'6'-TrCB	3.04e+07	1.13e+03	2.7e+04	2.97e+07	1.98e+03	1.5e+04
6	344'-TrCB	4.05e+07	1.48e+03	2.7e+04	4.03e+07	3.60e+03	1.1e+04
7	22'66'-TeCB	3.15e+07	7.44e+02	4.2e+04	4.51e+07	8.88e+02	5.1e+04
8	344'5-TeCB	3.23e+07	1.18e+03	2.7e+04	4.15e+07	1.87e+03	2.2e+04
9	33'44'-TeCB	3.12e+07	1.18e+03	2.6e+04	3.94e+07	1.87e+03	2.1e+04
10	22'466'-PeCB	3.86e+07	8.16e+02	4.7e+04	2.50e+07	1.75e+03	1.4e+04
11	2'344'5-PeCB	4.09e+07	1.41e+04	2.9e+03	2.62e+07	4.58e+04	5.7e+02
12	23'44'5-PeCB	4.35e+07	1.41e+04	3.1e+03	2.73e+07	4.58e+04	6.0e+02
13	2344'5-PeCB	4.24e+07	1.41e+04	3.0e+03	2.66e+07	4.58e+04	5.8e+02
14	233'44'-PeCB	4.15e+07	1.41e+04	2.9e+03	2.61e+07	4.58e+04	5.7e+02
15	33'44'5-PeCB	3.89e+07	1.41e+04	2.8e+03	2.40e+07	4.58e+04	5.3e+02
16	22'44'66'-HxCB	3.33e+07	1.08e+03	3.1e+04	2.82e+07	2.06e+03	1.4e+04
17	23'44'55'-HxCB	3.61e+07	3.38e+03	1.1e+04	2.96e+07	2.19e+03	1.4e+04
18	233'44'5-HxCB	5.32e+07	3.38e+03	1.6e+04	4.30e+07	2.19e+03	2.0e+04
19	33'44'55'-HxCB	3.00e+07	3.38e+03	8.9e+03	2.38e+07	2.19e+03	1.1e+04
20	22'34'566'-HpCB	2.79e+07	8.64e+02	3.2e+04	2.79e+07	8.52e+02	3.3e+04
21	233'44'55'-HpCB	2.19e+07	1.60e+03	1.4e+04	2.19e+07	1.63e+03	1.3e+04
22	22'33'55'66'-OcCB	2.20e+07	2.01e+03	1.1e+04	2.53e+07	3.11e+03	8.1e+03
23	233'44'55'6-OcCB	1.86e+07	2.01e+03	9.3e+03	2.13e+07	3.11e+03	6.9e+03
24	22'33'4'55'66'-NoCB	1.72e+07	9.96e+02	1.7e+04	2.26e+07	5.76e+02	3.9e+04
25	22'33'44'55'6-NoCB	1.53e+07	1.79e+03	8.5e+03	1.97e+07	3.23e+03	6.1e+03
26	DeCB	2.45e+07	7.28e+02	3.4e+04	2.02e+07	9.84e+02	2.1e+04
27	13C-2-MoCB	6.49e+06	1.35e+03	4.8e+03	2.20e+06	2.24e+04	9.8e+01
28	13C-4-MoCB	5.00e+06	1.35e+03	3.7e+03	1.65e+06	2.24e+04	7.4e+01
29	13C-22'-DiCB	2.91e+06	1.98e+03	1.5e+03	1.92e+06	1.36e+03	1.4e+03
30	13C-44'-DiCB	2.79e+06	4.14e+03	6.8e+02	1.84e+06	1.31e+03	1.4e+03
31	13C-22'6'-TrCB	1.49e+06	1.47e+04	1.0e+02	1.45e+06	6.56e+03	2.2e+02
32	13C-344'-TrCB	1.88e+06	1.38e+04	1.4e+02	1.77e+06	7.01e+03	2.5e+02
33	13C-22'66'-TeCB	1.76e+06	1.22e+03	1.4e+03	2.23e+06	8.60e+02	2.6e+03
34	13C-344'5-TeCB	1.48e+06	1.96e+03	7.5e+02	1.86e+06	1.35e+03	1.4e+03
35	13C-33'44'-TeCB	1.48e+06	1.96e+03	7.6e+02	1.91e+06	1.35e+03	1.4e+03
36	13C-22'466'-PeCB	1.89e+06	1.13e+03	1.7e+03	1.22e+06	9.52e+02	1.3e+03
37	13C-2'344'5-PeCB	1.91e+06	6.42e+03	3.0e+02	1.18e+06	7.96e+02	1.5e+03
38	13C-23'44'5-PeCB	1.98e+06	6.42e+03	3.1e+02	1.24e+06	7.96e+02	1.6e+03
39	13C-2344'5-PeCB	2.00e+06	6.42e+03	3.1e+02	1.29e+06	7.96e+02	1.6e+03
40	13C-233'44'-PeCB	1.96e+06	6.42e+03	3.0e+02	1.21e+06	7.96e+02	1.5e+03
41	13C-33'44'5-PeCB	1.76e+06	6.42e+03	2.7e+02	1.11e+06	7.96e+02	1.4e+03
42	13C-22'44'66'-HxCB	1.75e+06	1.16e+03	1.5e+03	1.34e+06	1.13e+03	1.2e+03
43	13C-23'44'55'-HxCB	1.77e+06	1.31e+03	1.4e+03	1.36e+06	2.37e+03	5.7e+02
44	13C-233'44'5'-HxCB	2.48e+06	1.31e+03	1.9e+03	1.92e+06	2.37e+03	8.1e+02
45	13C-33'44'55'-HxCB	1.43e+06	1.31e+03	1.1e+03	1.14e+06	2.37e+03	4.8e+02
46	13C-22'34'566'-HpCB	1.48e+06	1.09e+03	1.4e+03	1.42e+06	1.04e+03	1.4e+03
47	13C-233'44'55'-HpCB	1.25e+06	1.29e+03	9.7e+02	1.16e+06	1.13e+03	1.0e+03
48	13C-22'33'55'66'-OcCB	1.25e+06	7.44e+02	1.7e+03	1.37e+06	9.92e+02	1.4e+03
49	13C-233'44'55'6-OcCB	9.70e+05	7.44e+02	1.3e+03	1.07e+06	9.92e+02	1.1e+03
50	13C-22'33'4'55'66'-NoCB	9.88e+05	7.72e+02	1.3e+03	1.28e+06	7.24e+02	1.8e+03
51	13C-22'33'44'55'6-NoCB	8.28e+05	1.00e+03	8.3e+02	1.01e+06	9.48e+02	1.1e+03
52	13C-DeCB	1.32e+06	6.88e+02	1.9e+03	1.11e+06	6.76e+02	1.6e+03

53	13C-244'-TrCB	2.11e+06	1.38e+04	1.5e+02	2.01e+06	7.01e+03	2.9e+02
54	13C-233'55'-PeCB	1.90e+06	1.29e+03	1.5e+03	1.19e+06	1.18e+03	1.0e+03
55	13C-22'33'55'6-HpCB	1.05e+06	1.09e+03	9.6e+02	9.79e+05	1.04e+03	9.5e+02
56	13C-2,5-DiCB	3.20e+06	4.14e+03	7.7e+02	2.01e+06	1.31e+03	1.5e+03
57	13C-22'55'-TeCB	1.16e+06	1.68e+03	6.9e+02	1.50e+06	1.44e+03	1.0e+03
58	13C-22'4'55'-PeCB	1.43e+06	1.29e+03	1.1e+03	8.86e+05	1.18e+03	7.5e+02
59	13C-22'3'44'5'-HxCB	1.30e+06	7.24e+02	1.8e+03	1.01e+06	1.04e+03	9.7e+02
60	13C-22'33'44'55'-OcCB	7.65e+05	7.44e+02	1.0e+03	8.51e+05	9.92e+02	8.6e+02

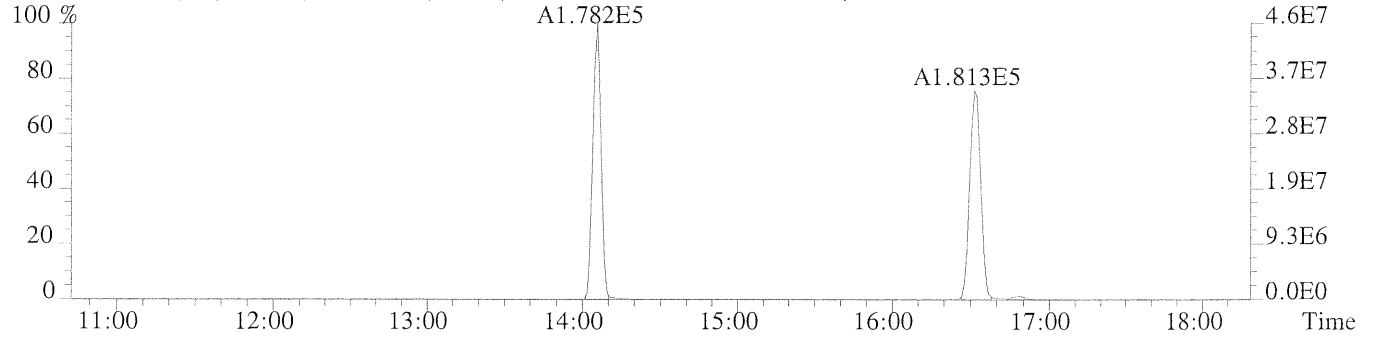
File:U221020 #1-489 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS5

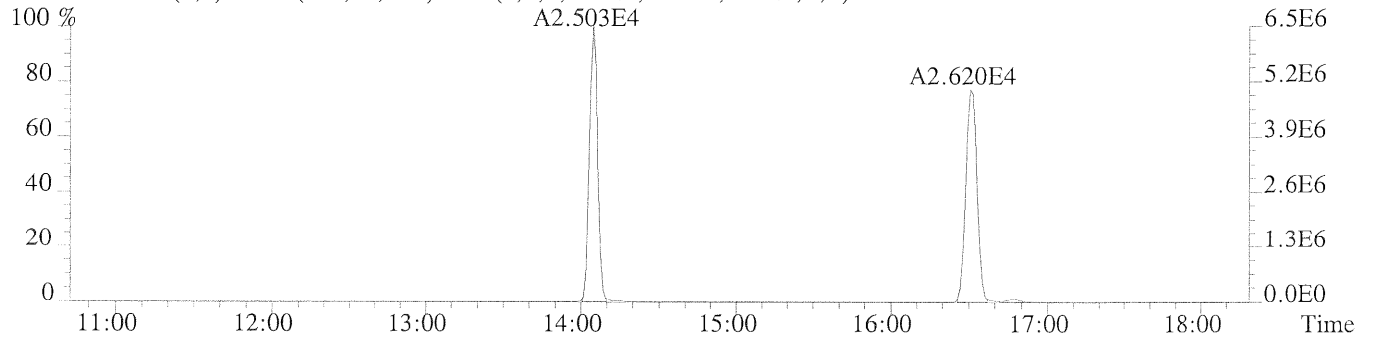
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1696.0,1.00%,F,T)



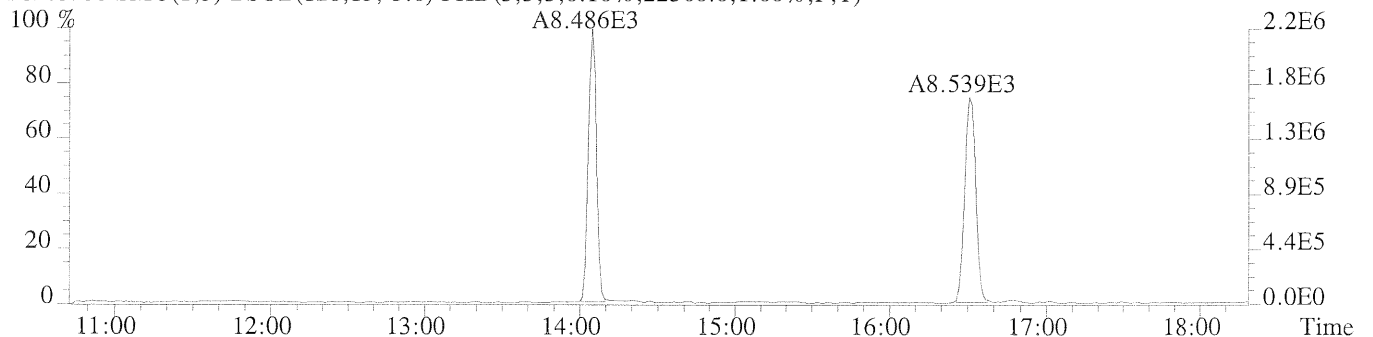
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1604.0,1.00%,F,T)



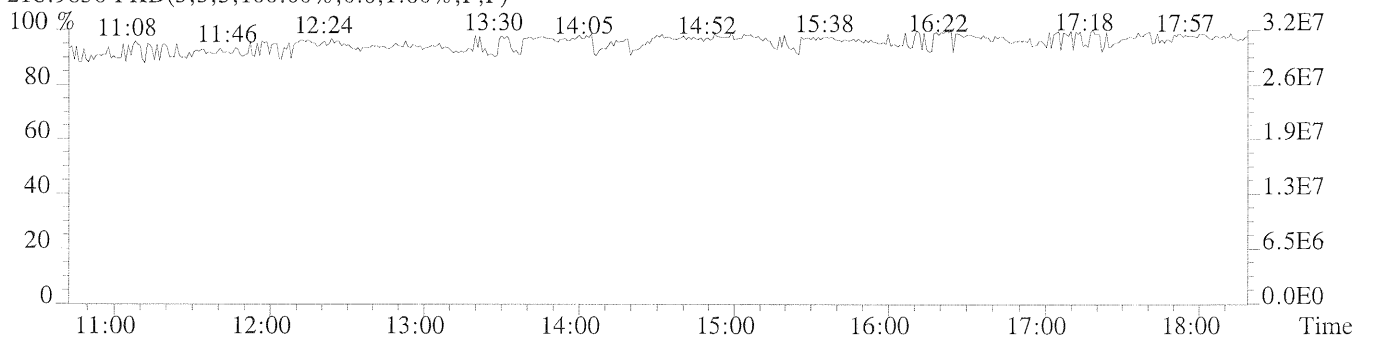
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1352.0,1.00%,F,T)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,22360.0,1.00%,F,T)



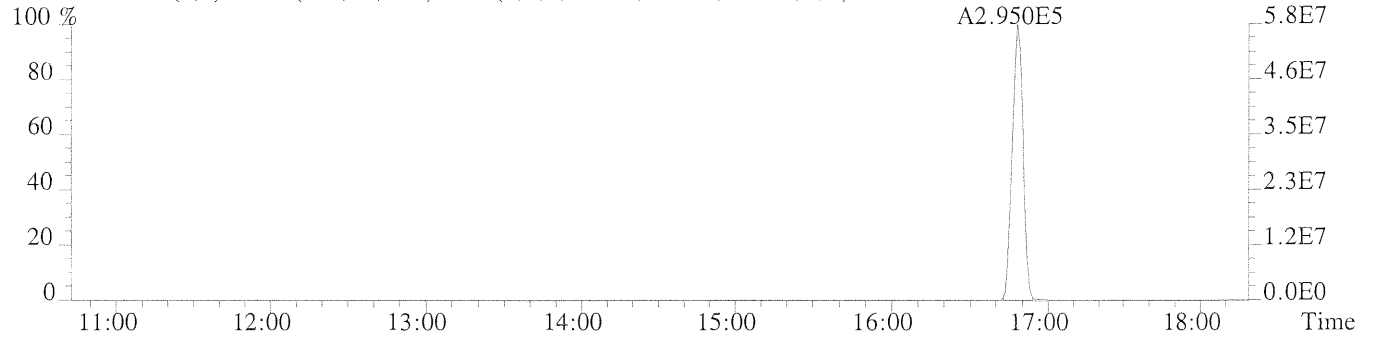
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



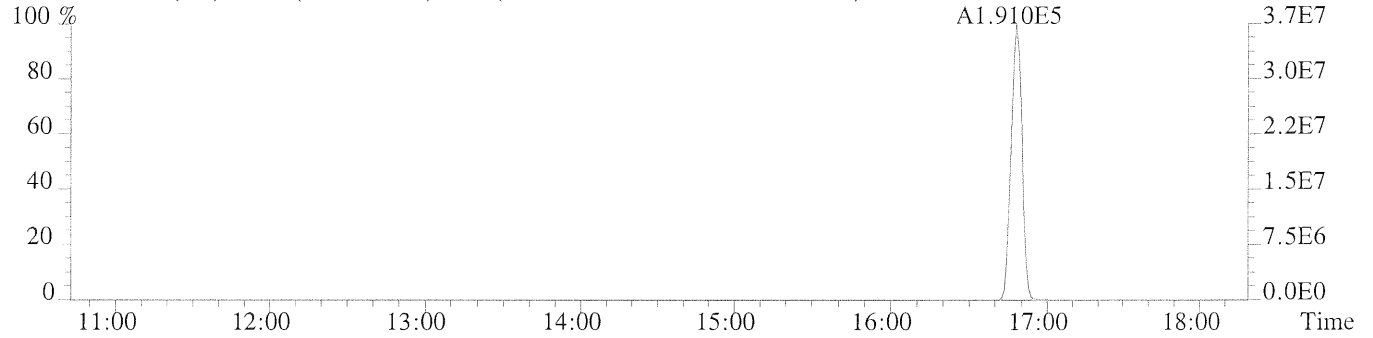
File:U221020 #1-489 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS5

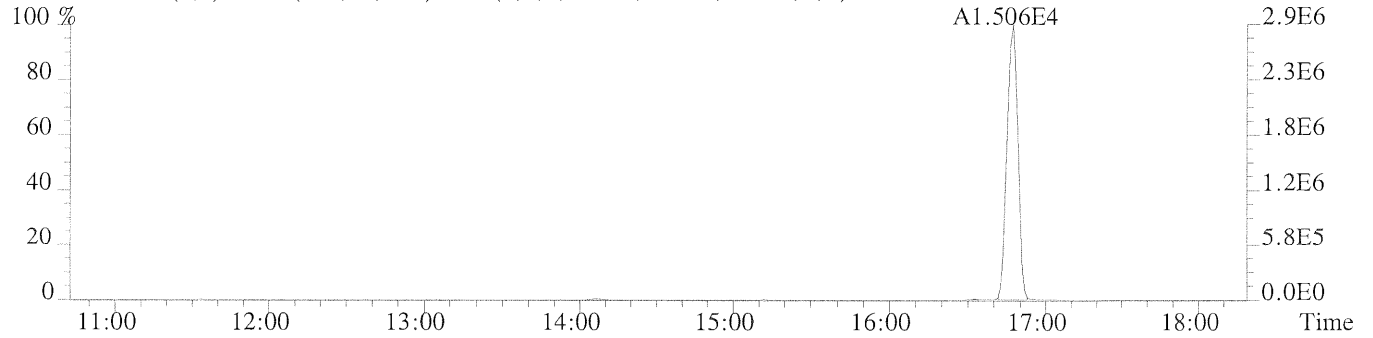
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2116.0,1.00%,F,T)



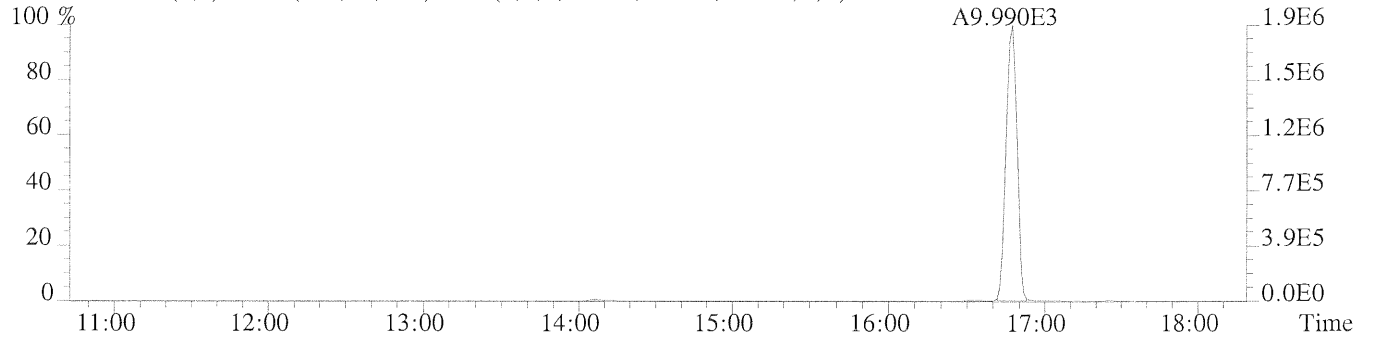
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11368.0,1.00%,F,T)



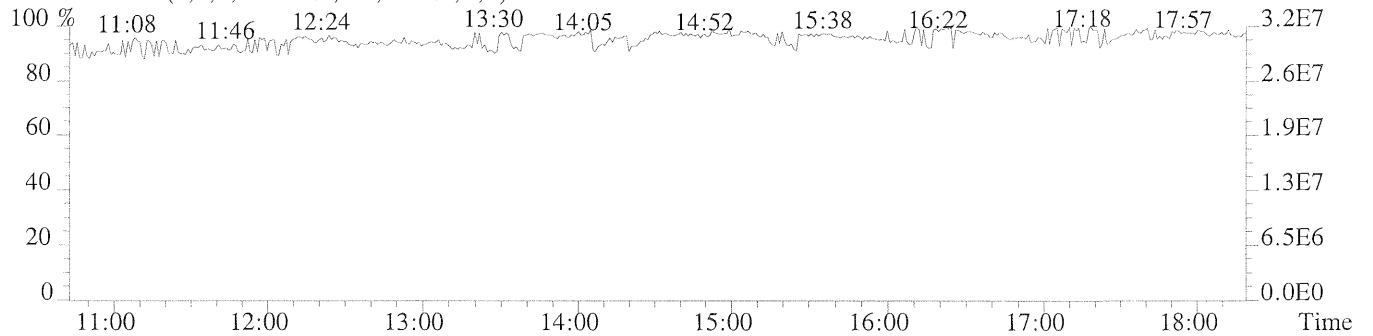
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1984.0,1.00%,F,T)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1364.0,1.00%,F,T)

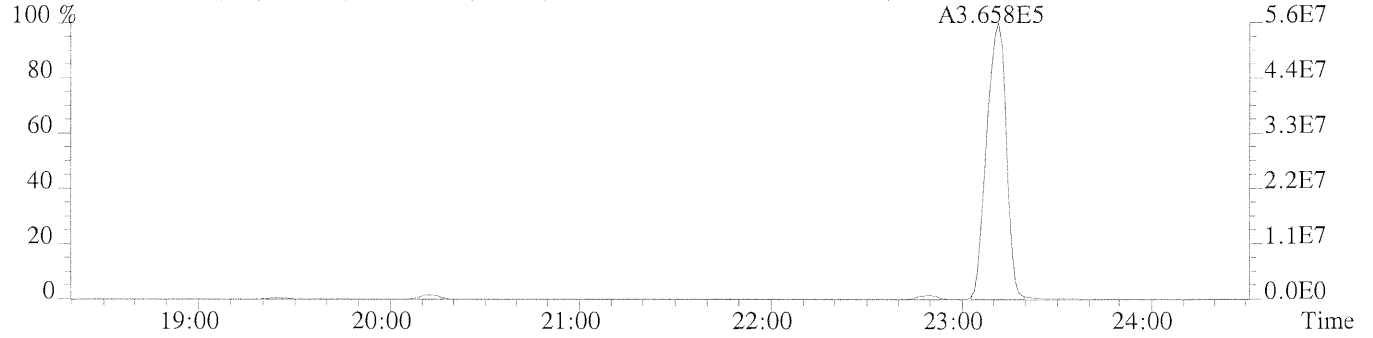


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

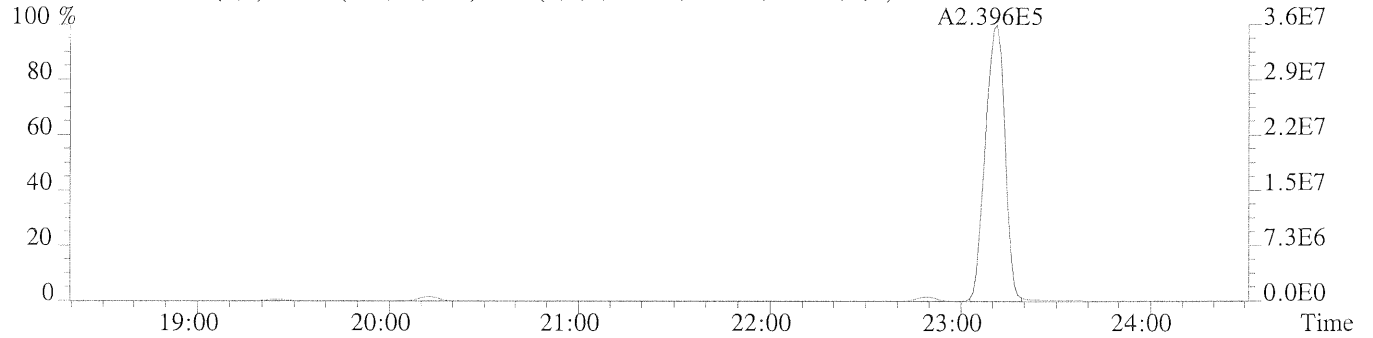


File:U221020 #1-342 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS5

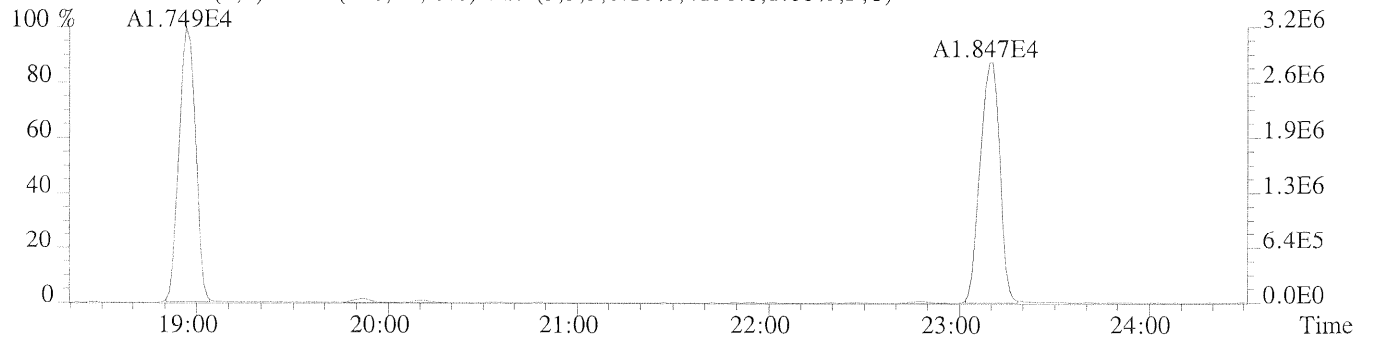
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2180.0,1.00%,F,T)



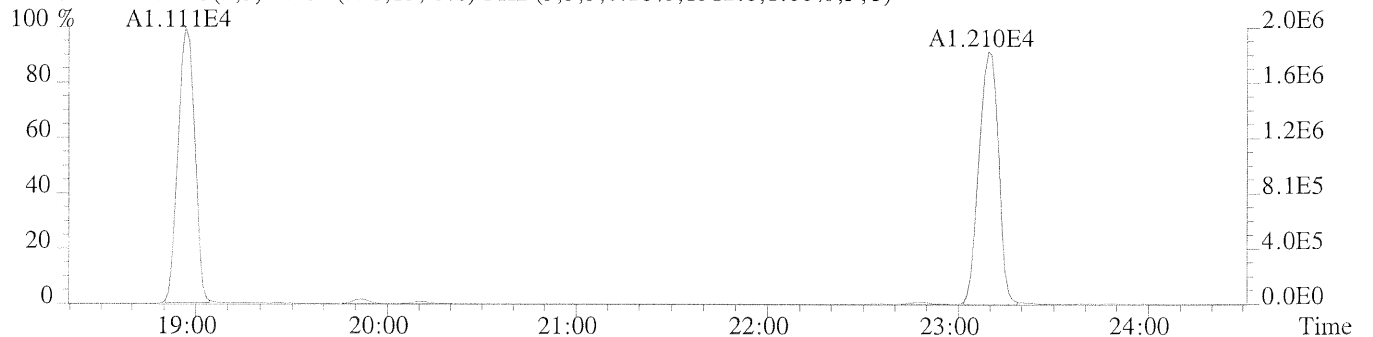
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7460.0,1.00%,F,T)



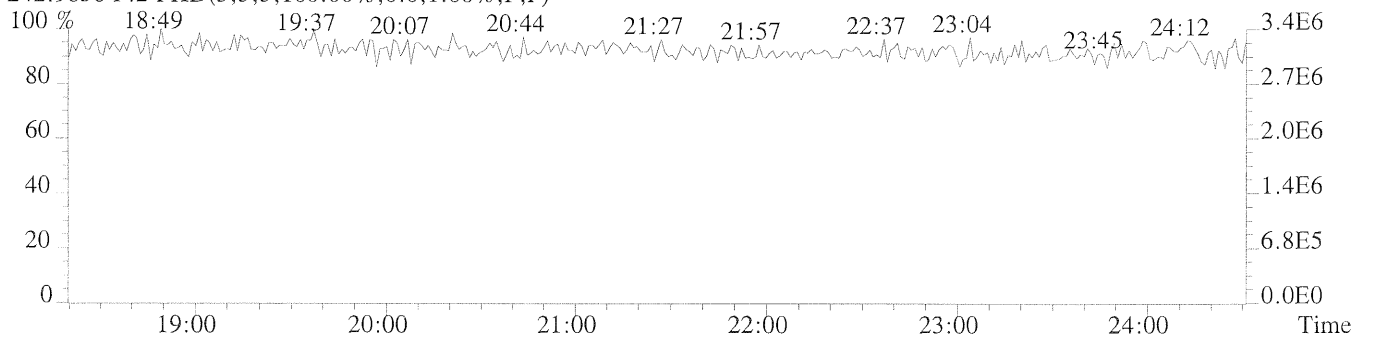
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4136.0,1.00%,F,T)



236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1312.0,1.00%,F,T)



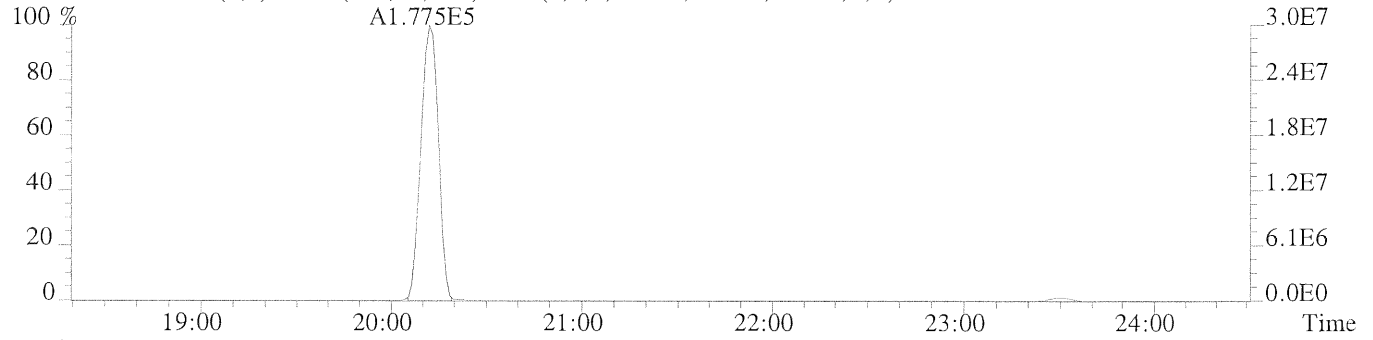
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



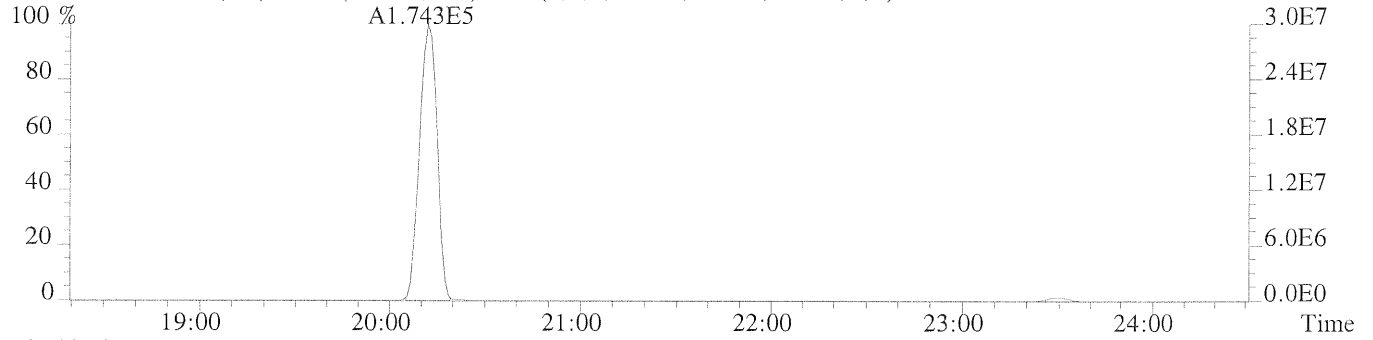
File:U221020 #1-342 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS5

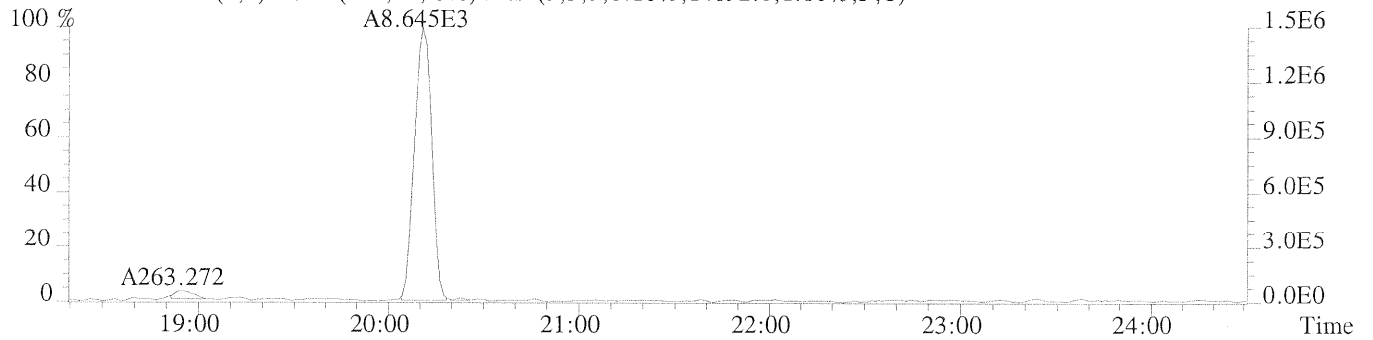
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1128.0,1.00%,F,T)



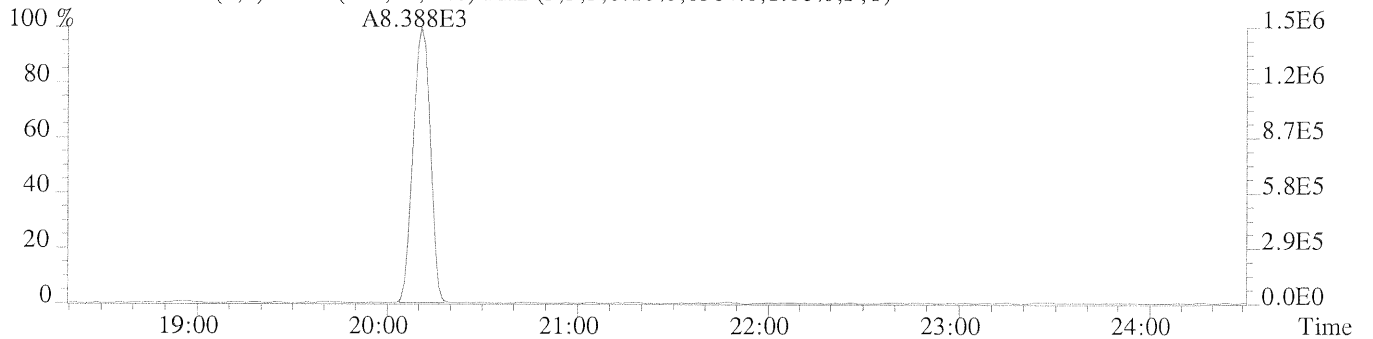
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1980.0,1.00%,F,T)



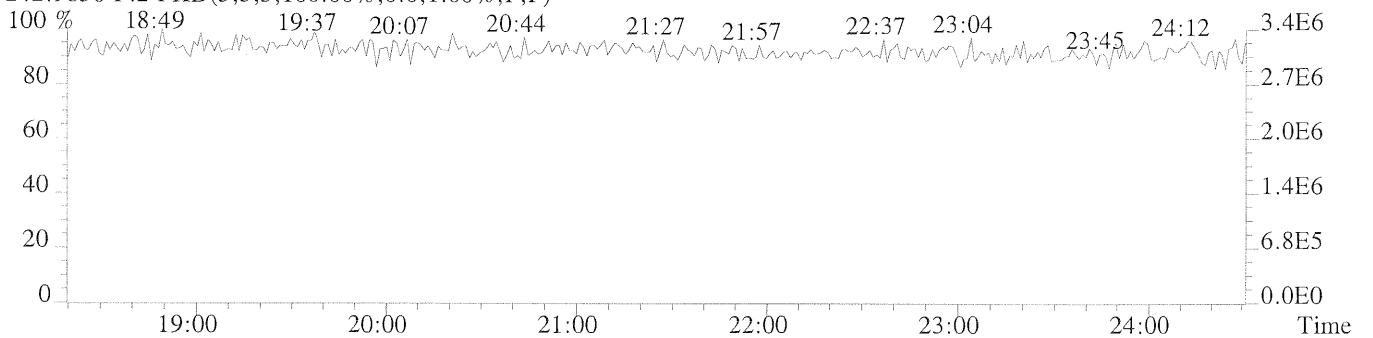
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14692.0,1.00%,F,T)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6564.0,1.00%,F,T)



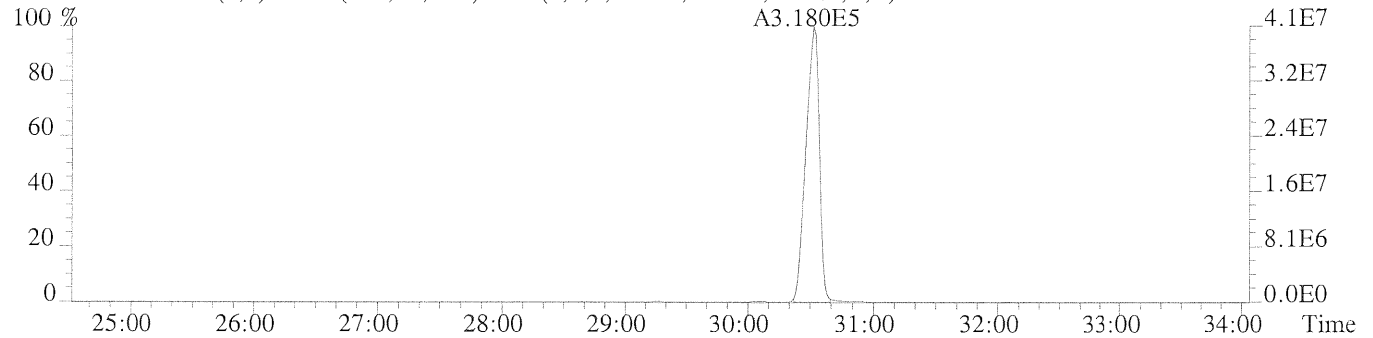
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



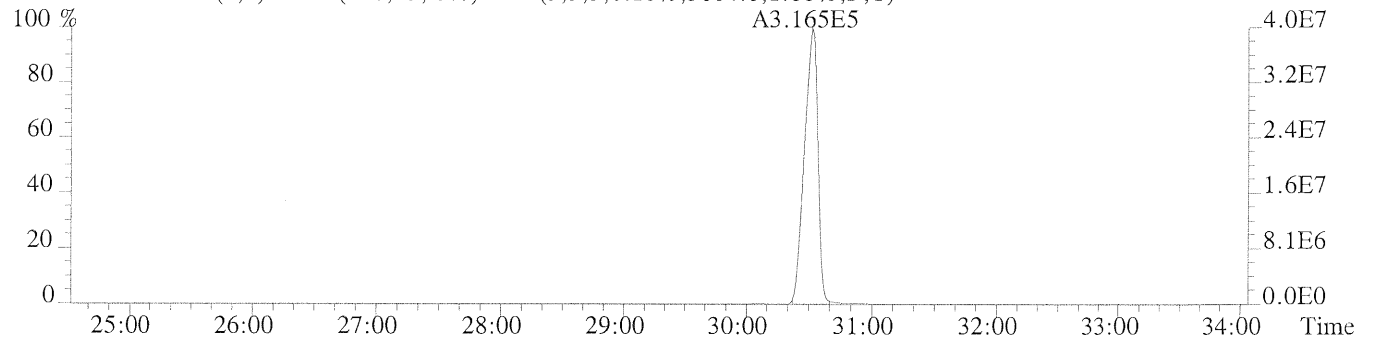
File:U221020 #1-610 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS5

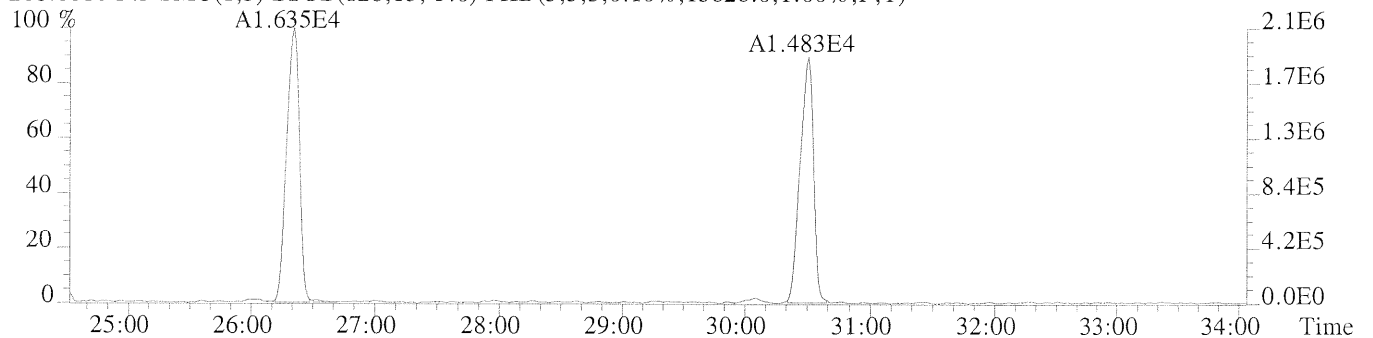
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1476.0,1.00%,F,T)



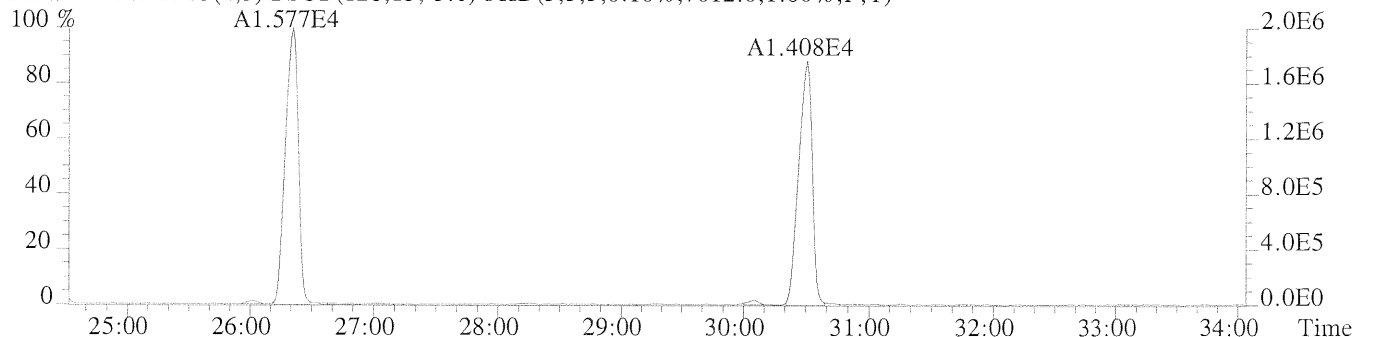
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3604.0,1.00%,F,T)



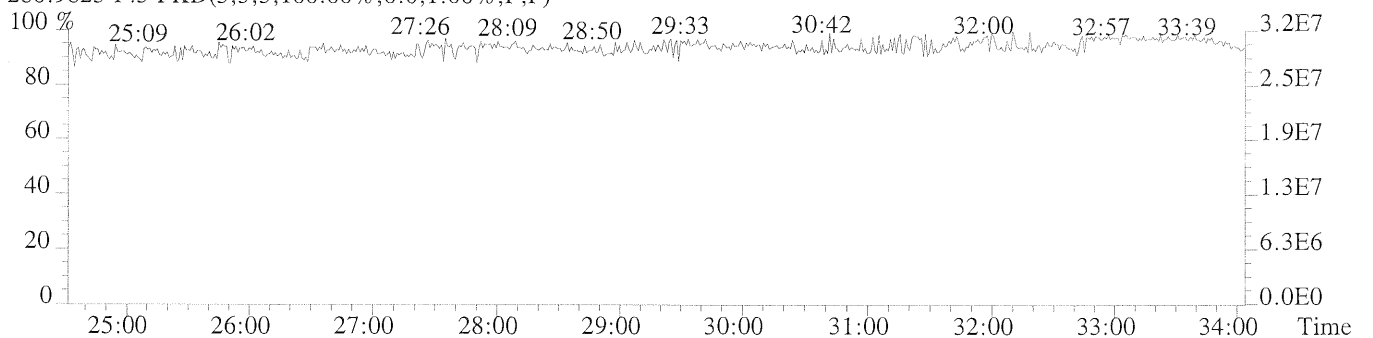
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13828.0,1.00%,F,T)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7012.0,1.00%,F,T)



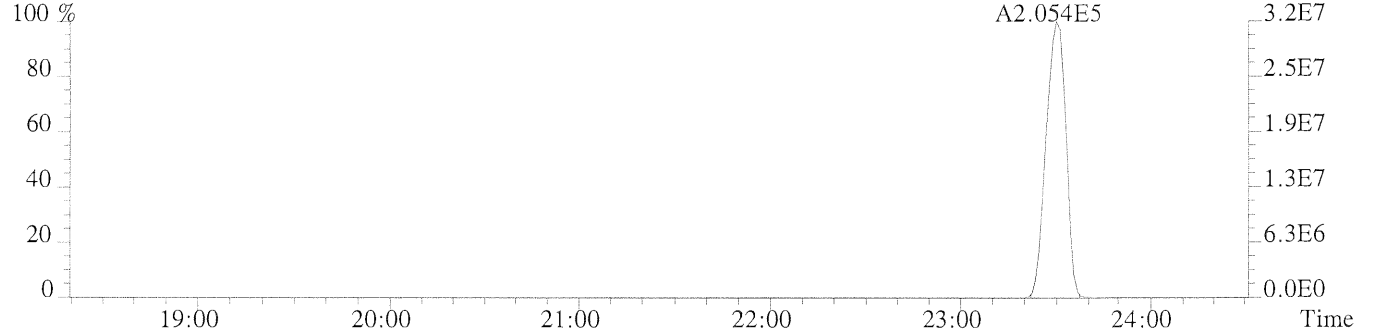
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



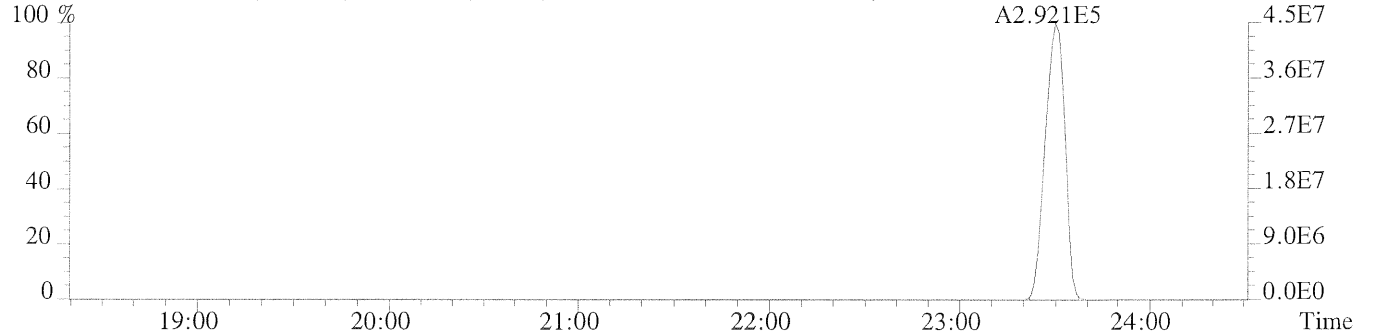
File:U221020 #1-342 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS5

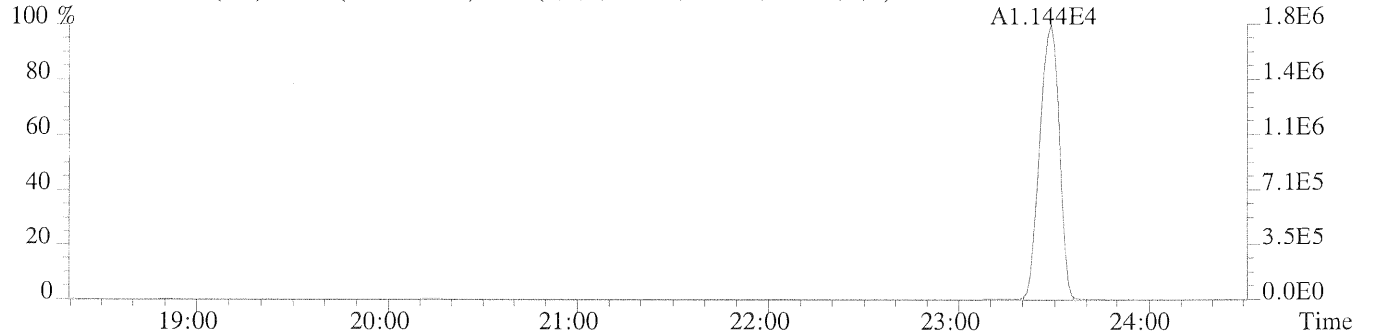
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,744.0,1.00%,F,T)



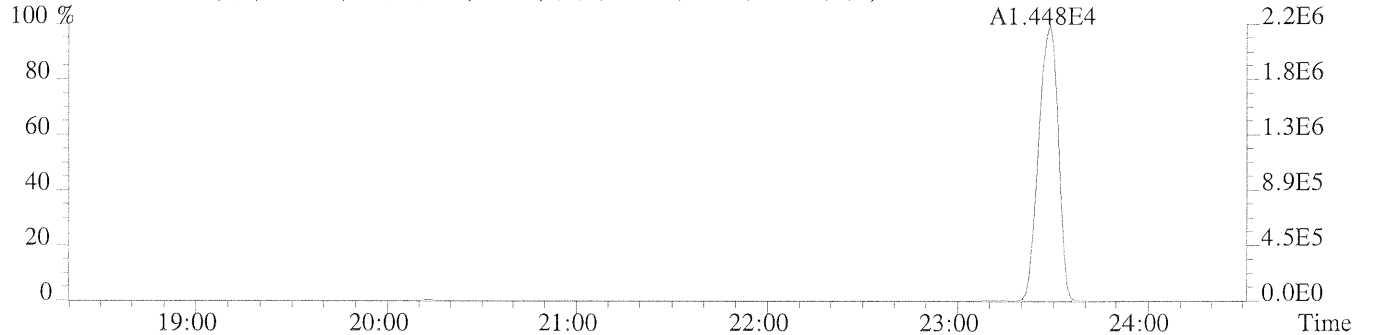
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,888.0,1.00%,F,T)



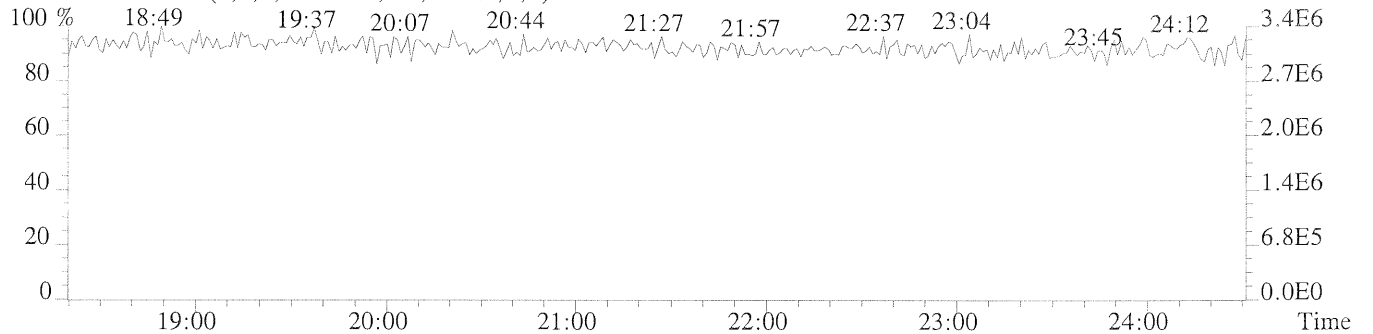
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1216.0,1.00%,F,T)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,860.0,1.00%,F,T)

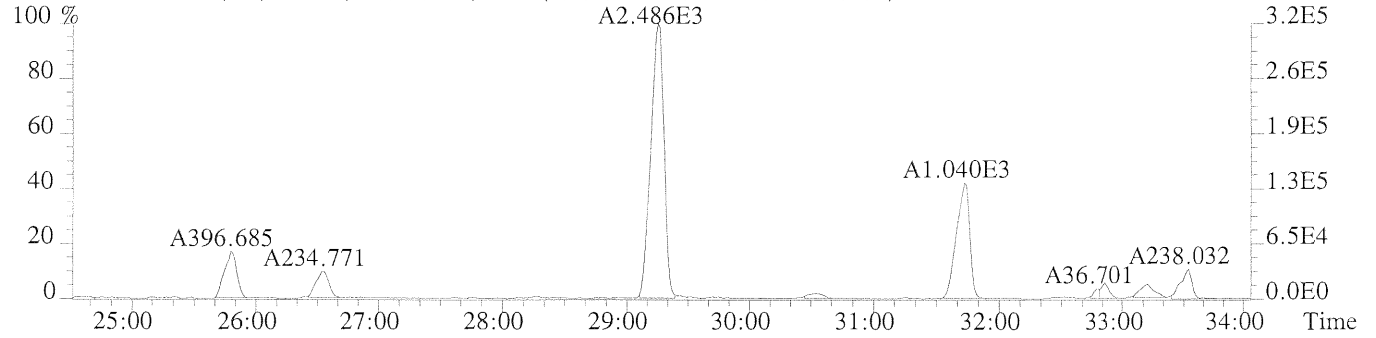


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

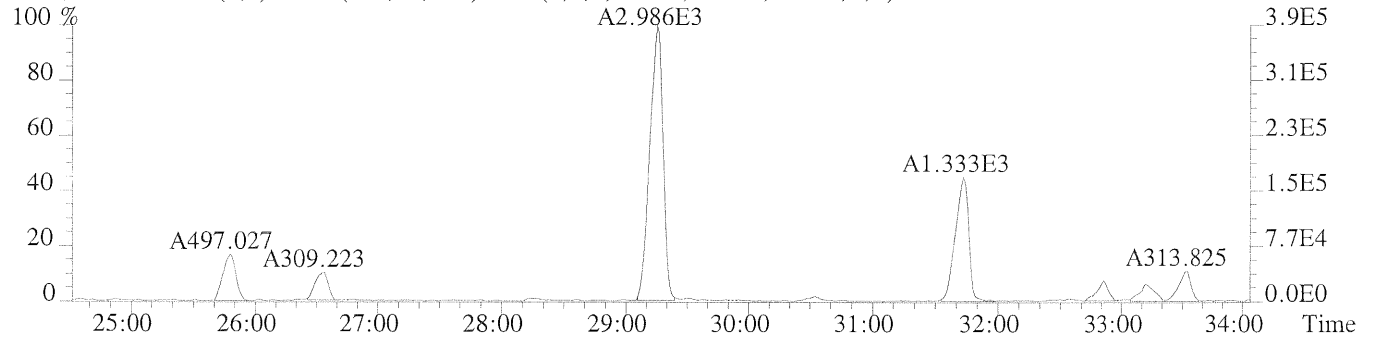


File:U221020 #1-610 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS5

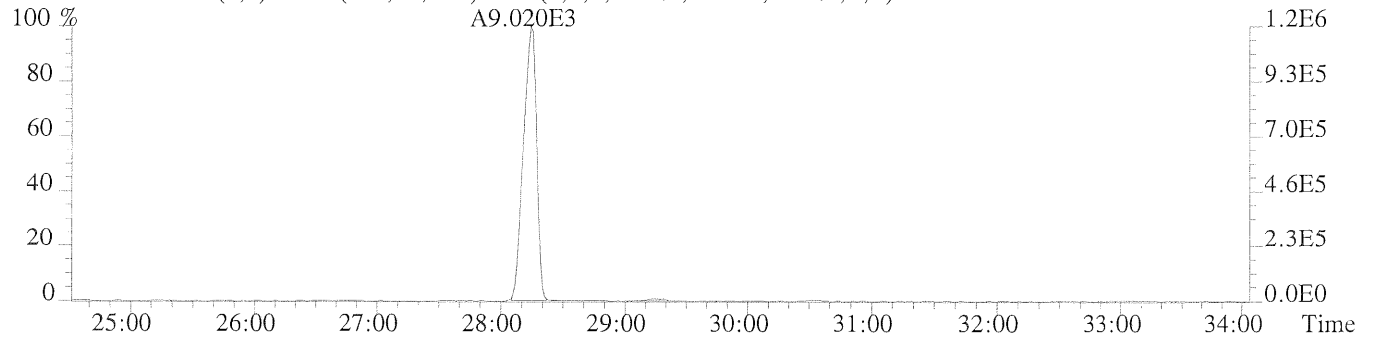
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1700.0,1.00%,F,T)



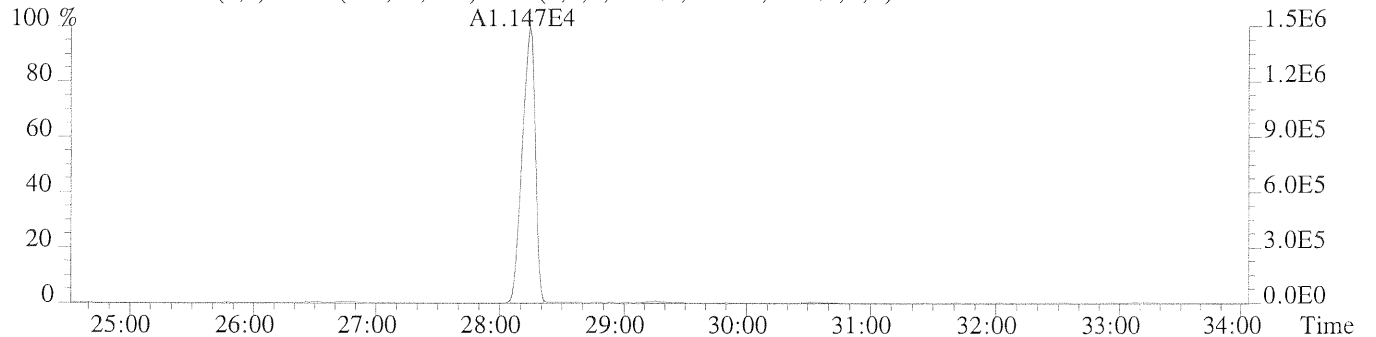
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2080.0,1.00%,F,T)



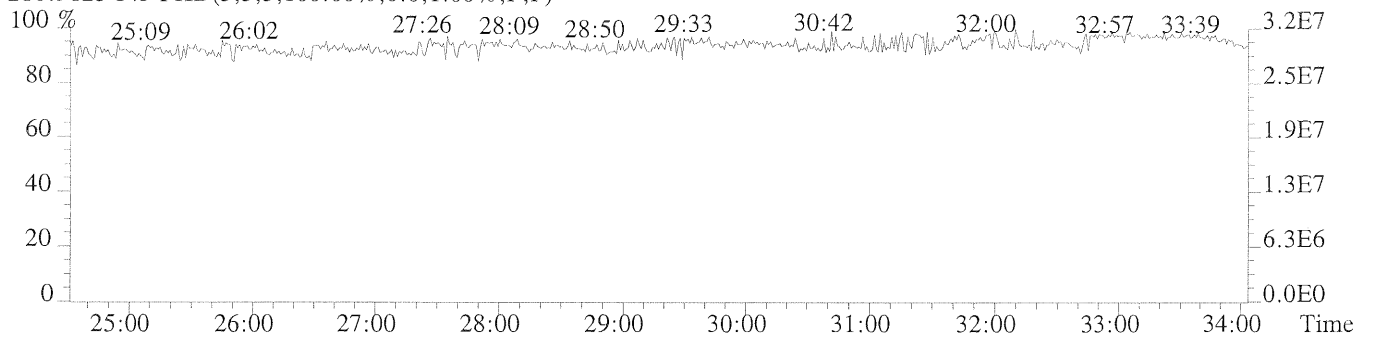
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1680.0,1.00%,F,T)



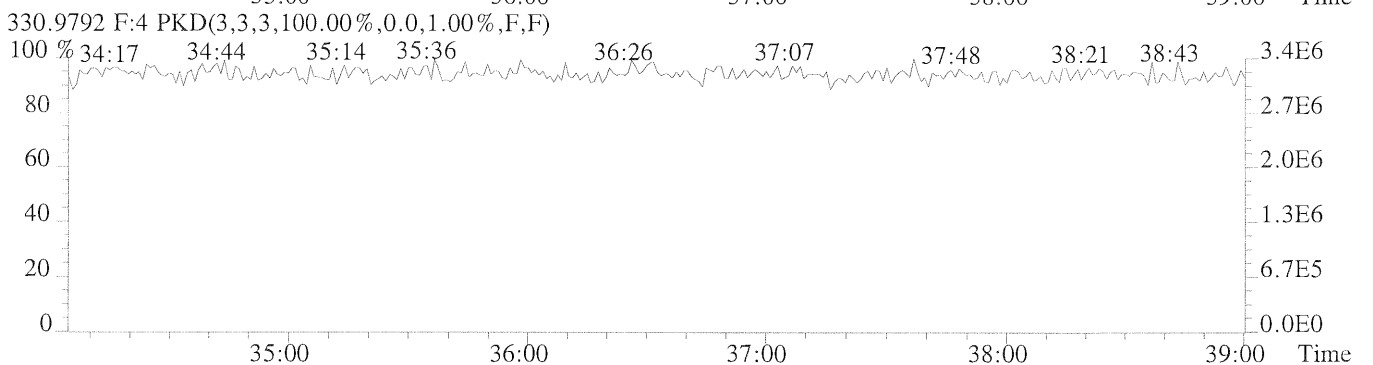
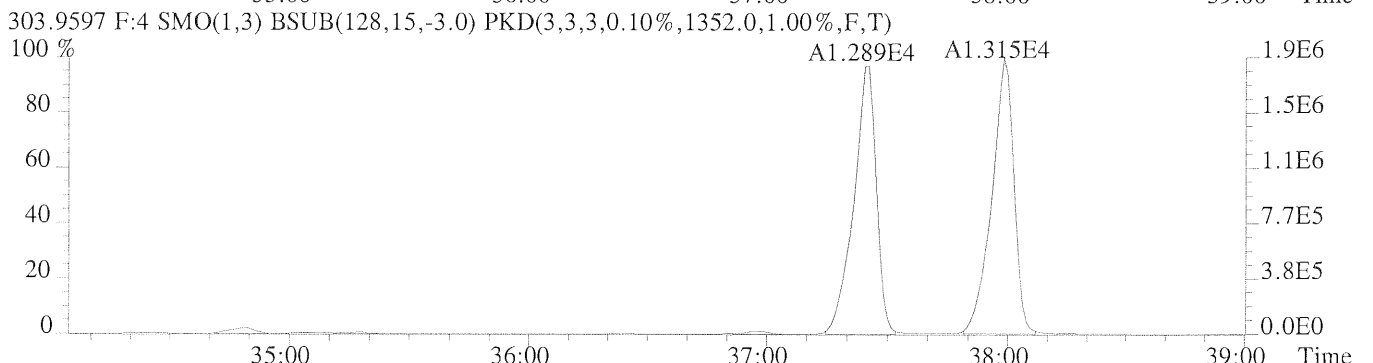
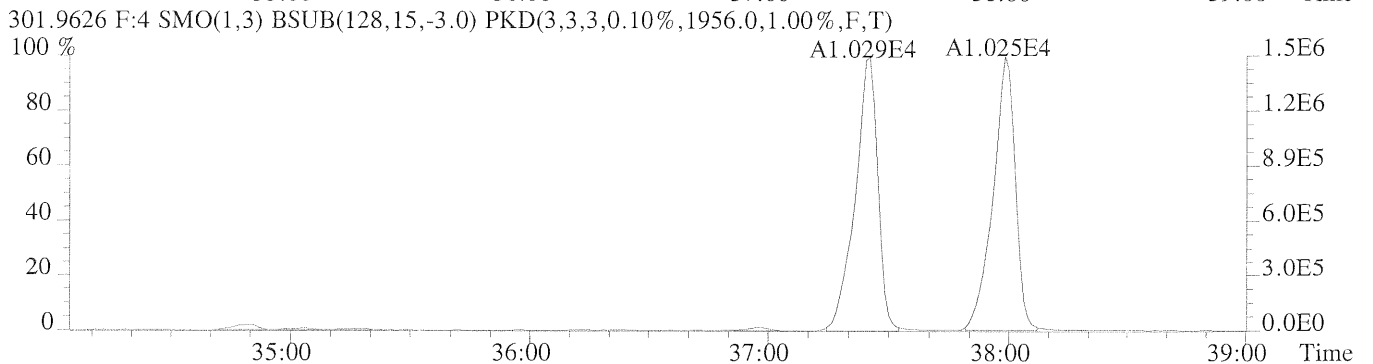
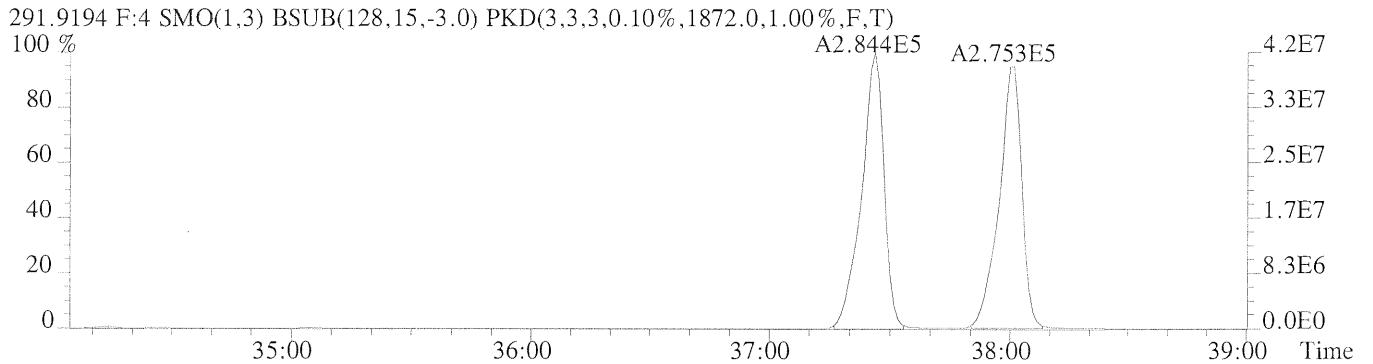
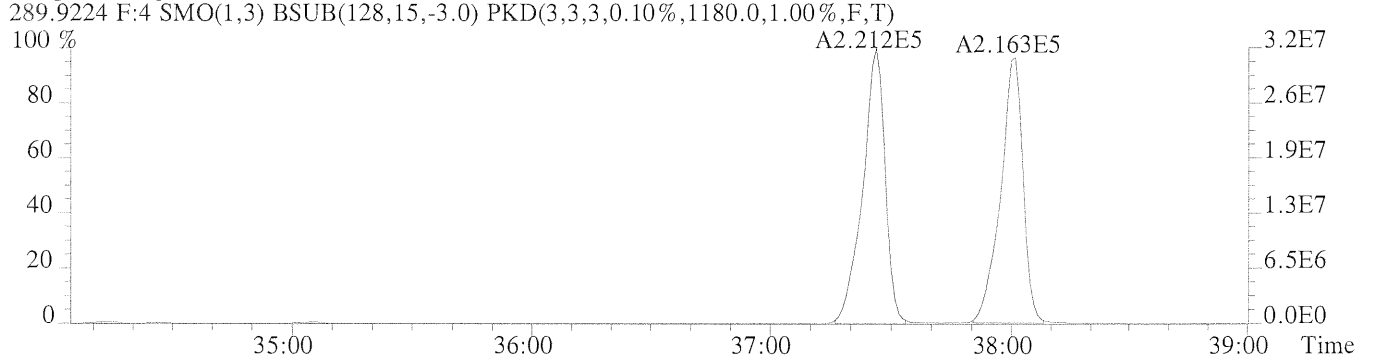
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1440.0,1.00%,F,T)



280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

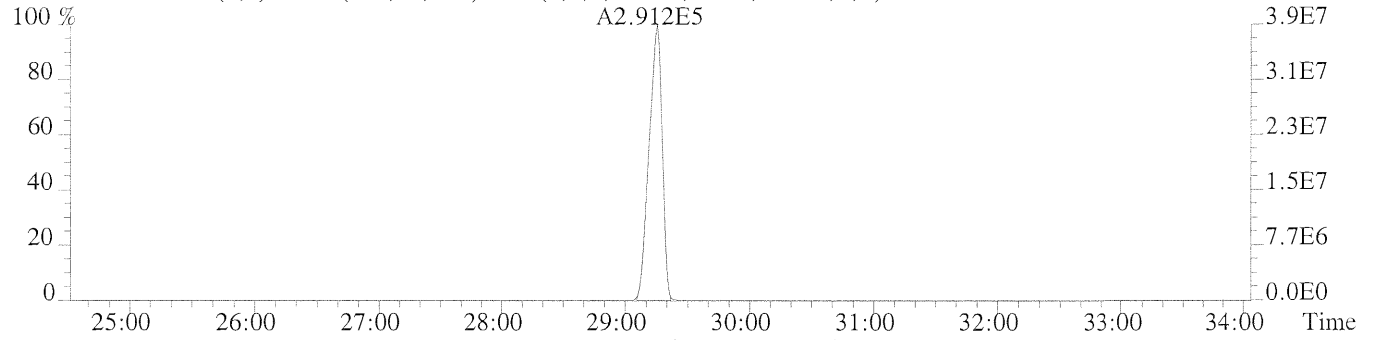


File:U221020 #1-316 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS5

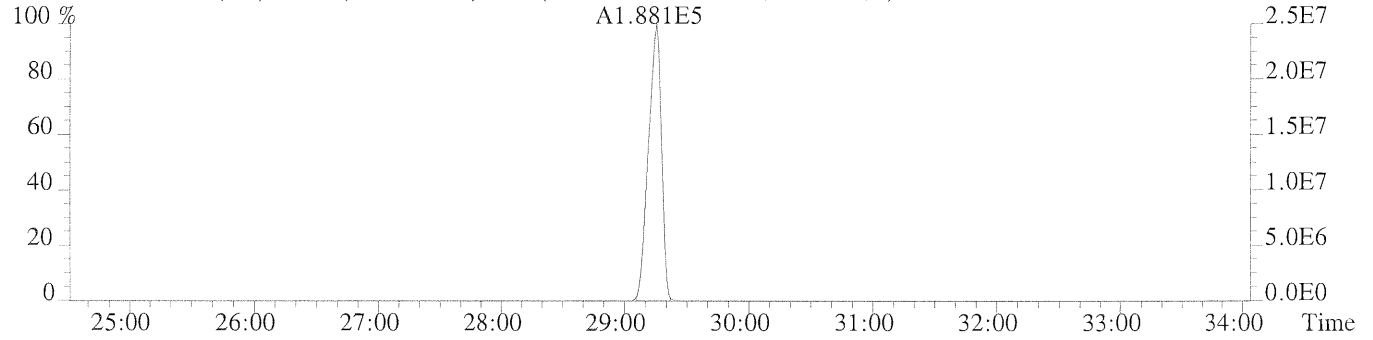


File:U221020 #1-610 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS5

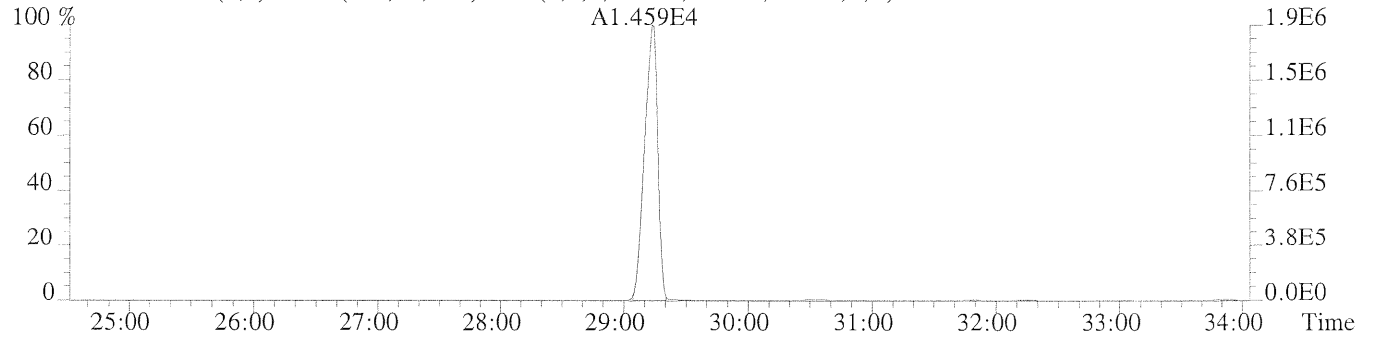
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,816.0,1.00%,F,T)



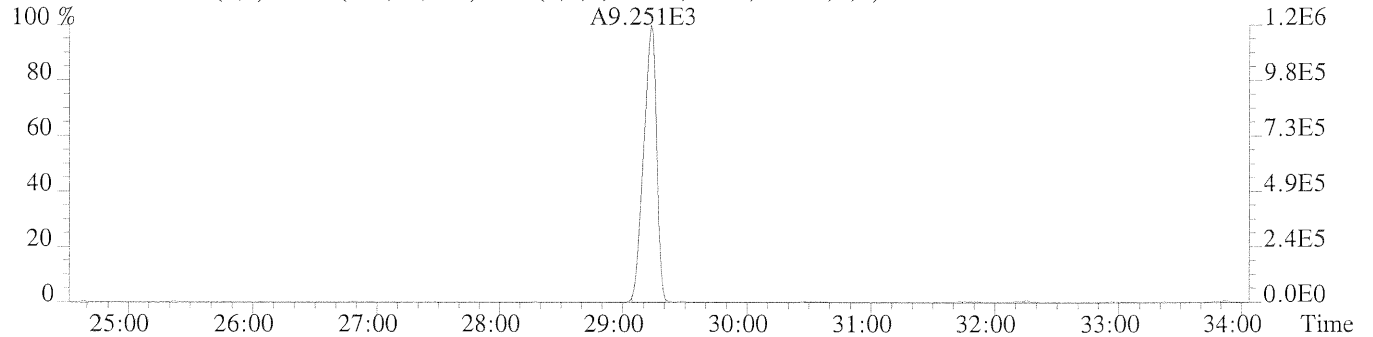
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1748.0,1.00%,F,T)



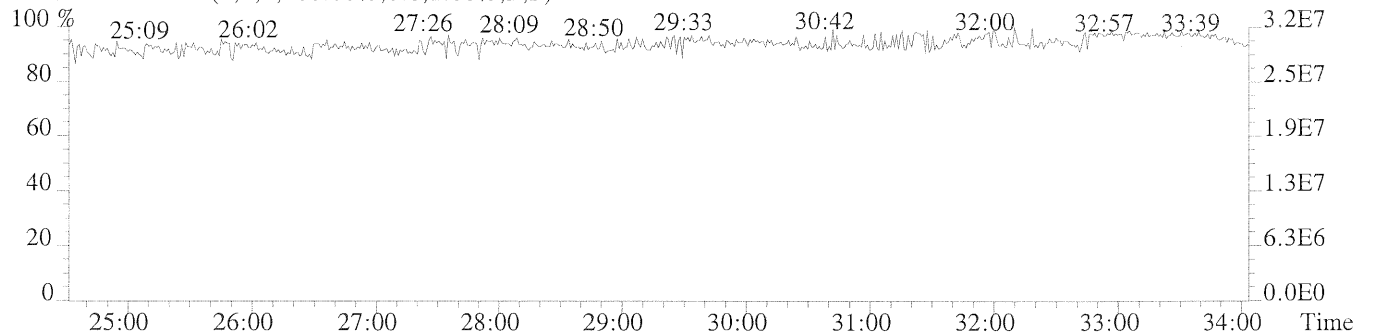
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1128.0,1.00%,F,T)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,952.0,1.00%,F,T)

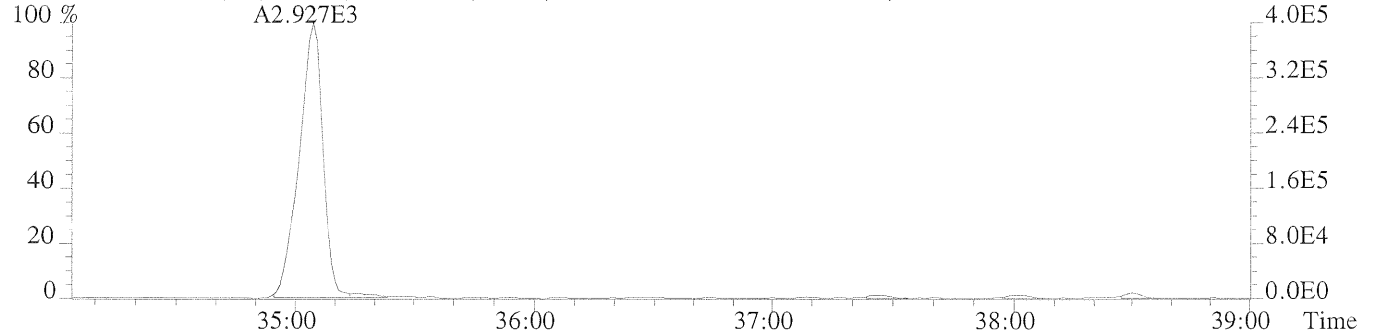


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

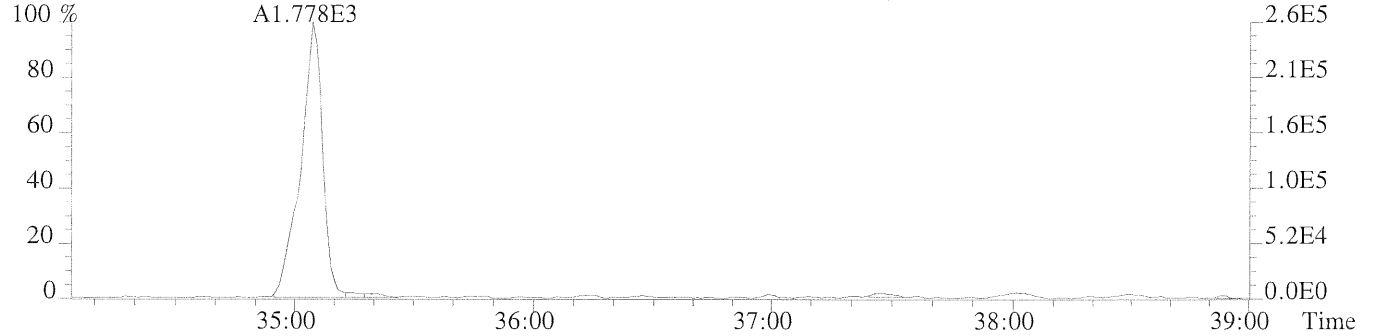


File:U221020 #1-316 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS5

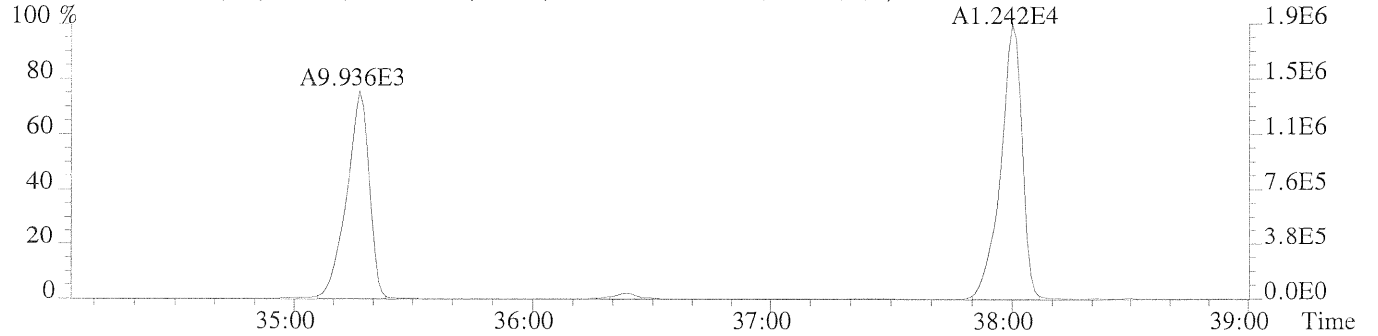
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1428.0,1.00%,F,T)



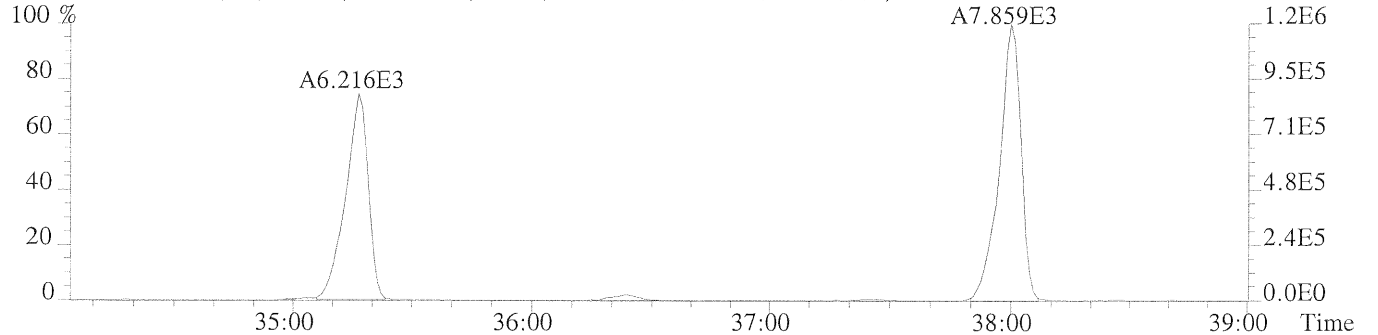
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1656.0,1.00%,F,T)



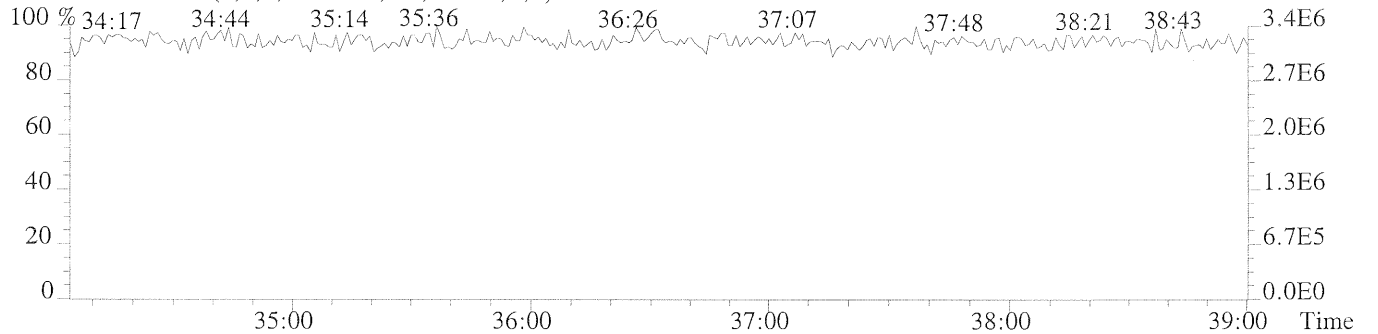
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1292.0,1.00%,F,T)



339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1180.0,1.00%,F,T)



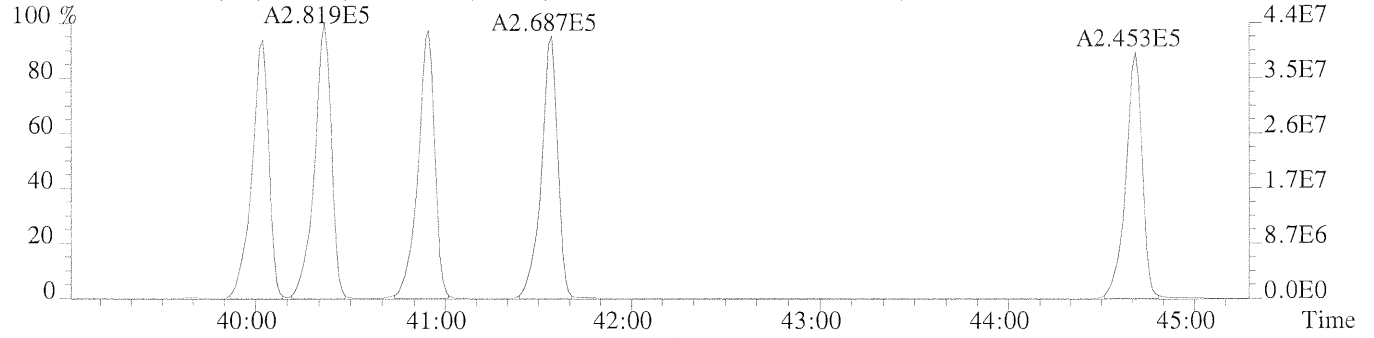
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



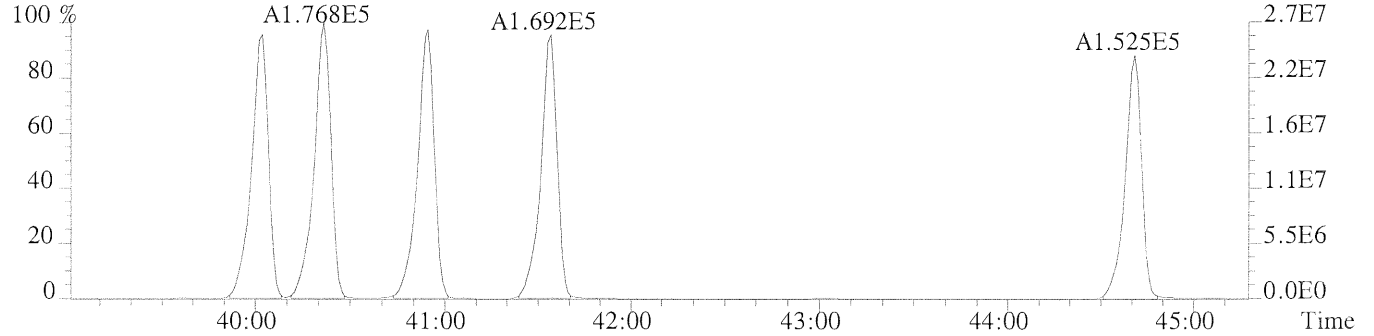
File:U221020 #1-402 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS5

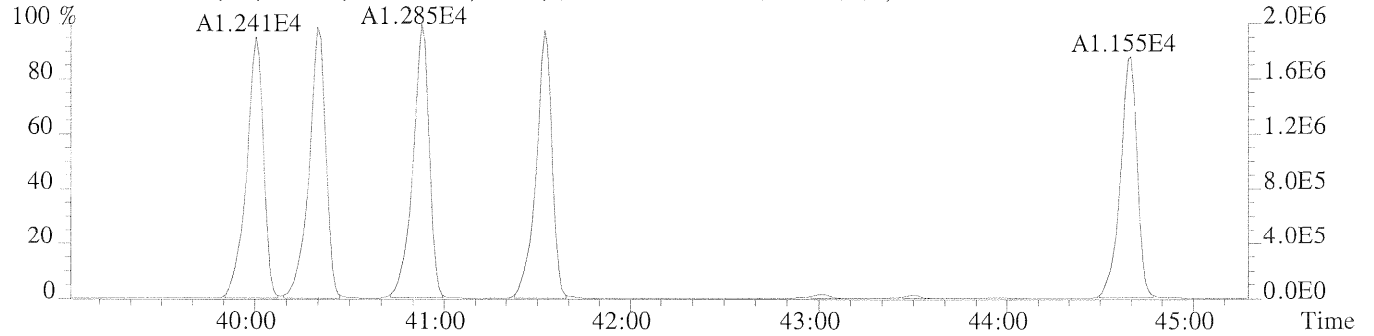
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14076.0,1.00%,F,T)



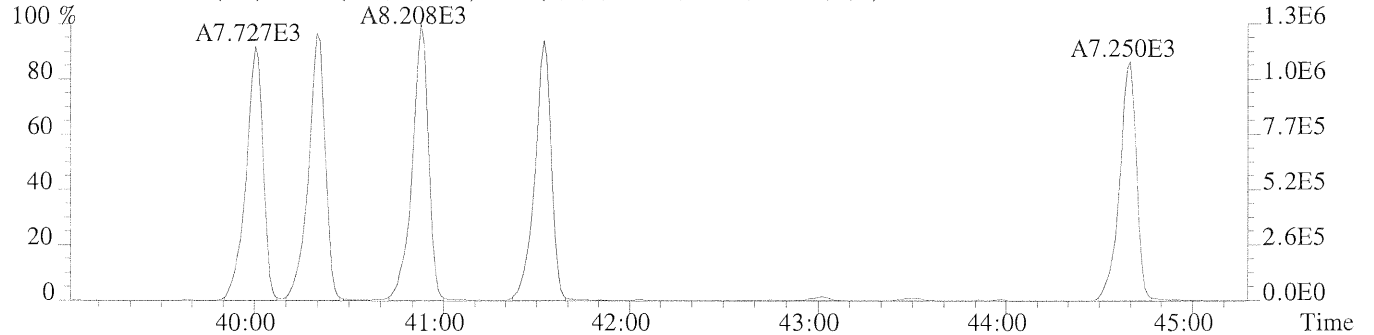
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,45752.0,1.00%,F,T)



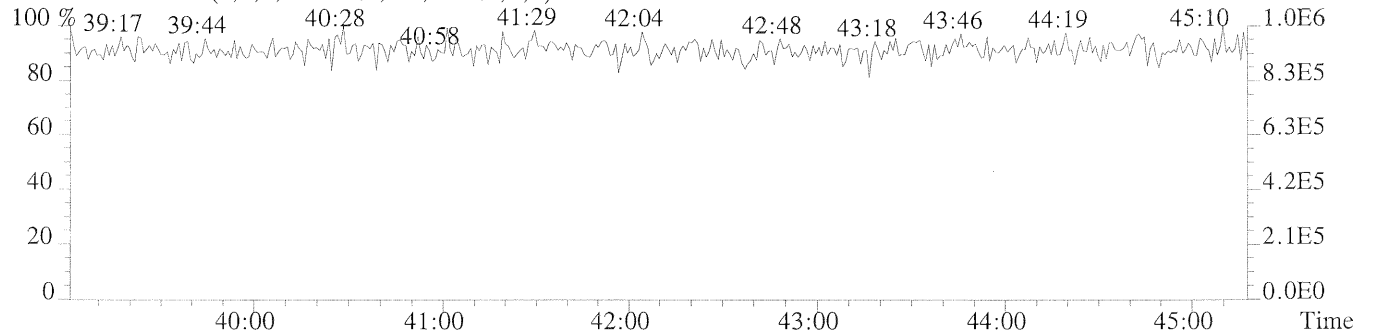
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6424.0,1.00%,F,T)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,796.0,1.00%,F,T)

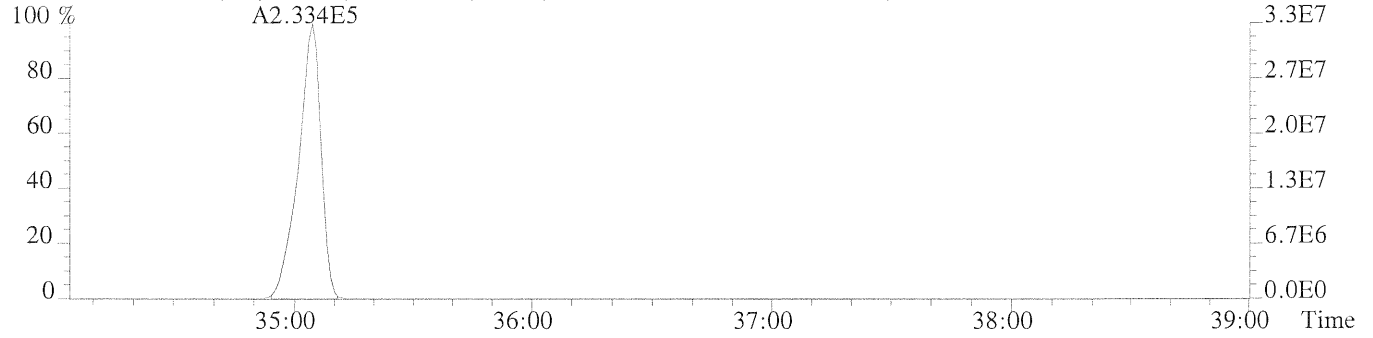


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

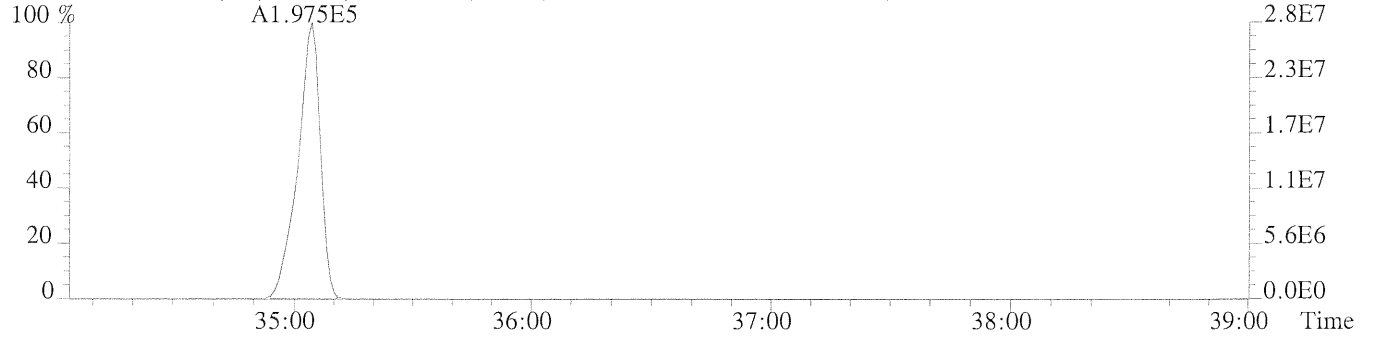


File:U221020 #1-316 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS5

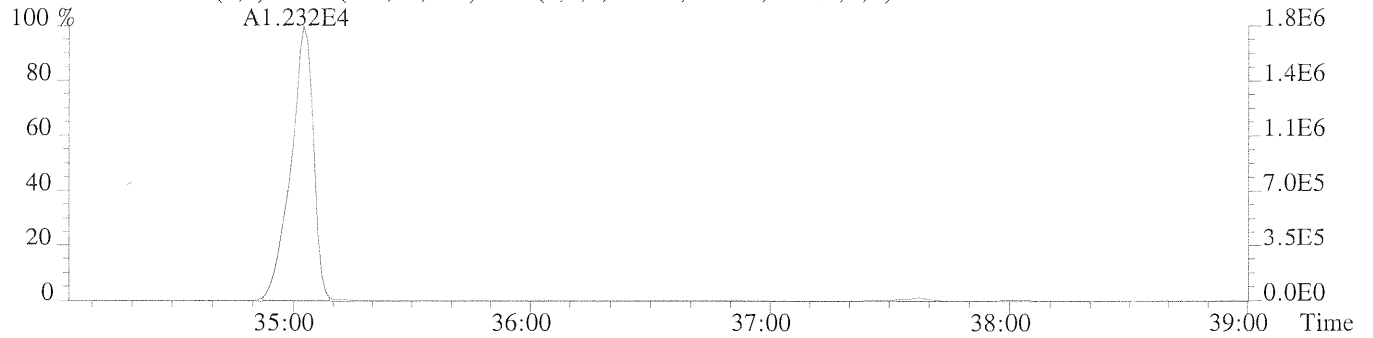
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1080.0,1.00%,F,T)



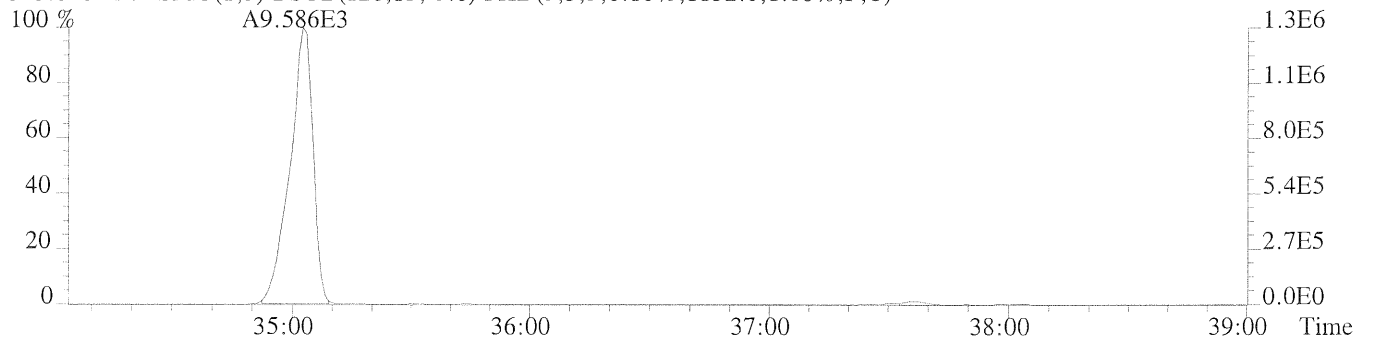
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2056.0,1.00%,F,T)



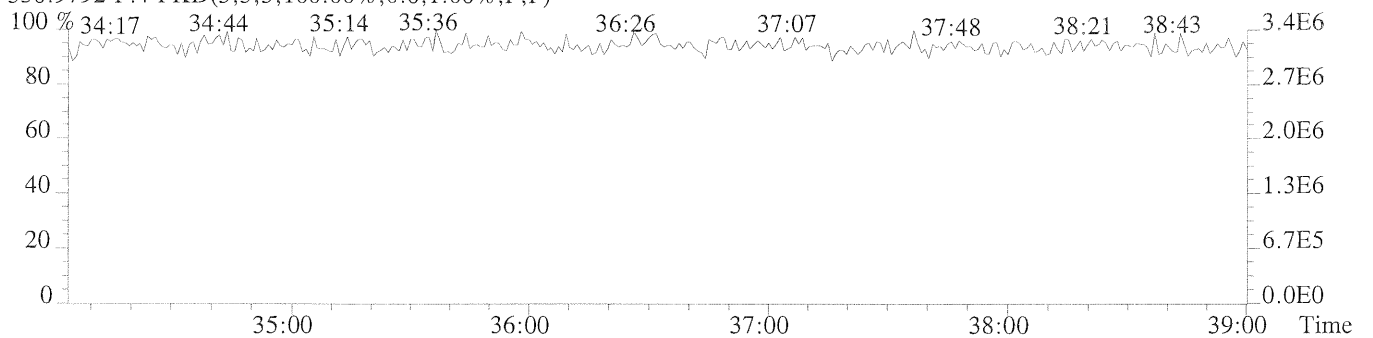
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1164.0,1.00%,F,T)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1132.0,1.00%,F,T)

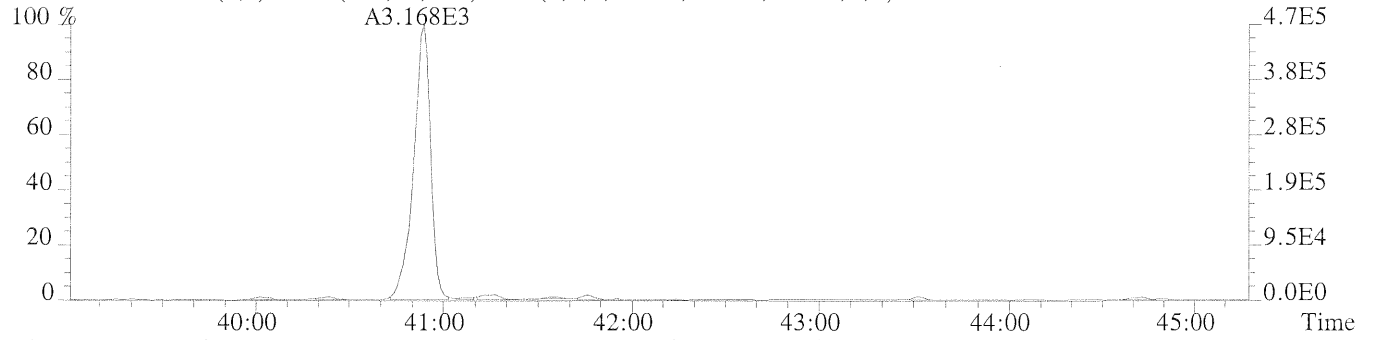


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

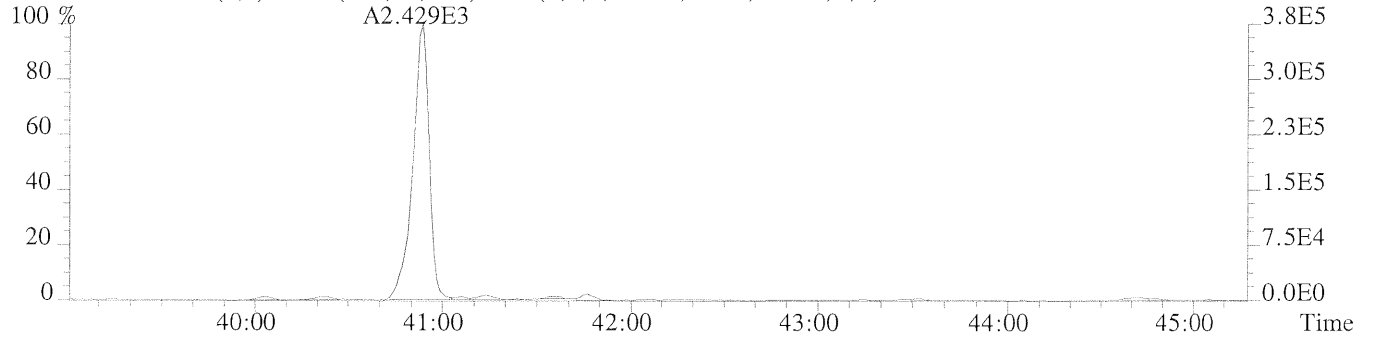


File:U221020 #1-402 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS5

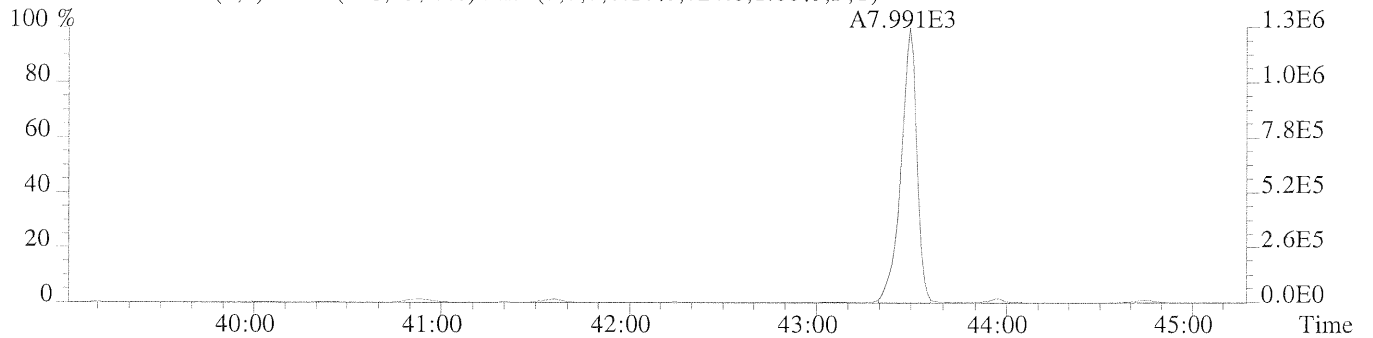
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1112.0,1.00%,F,T)



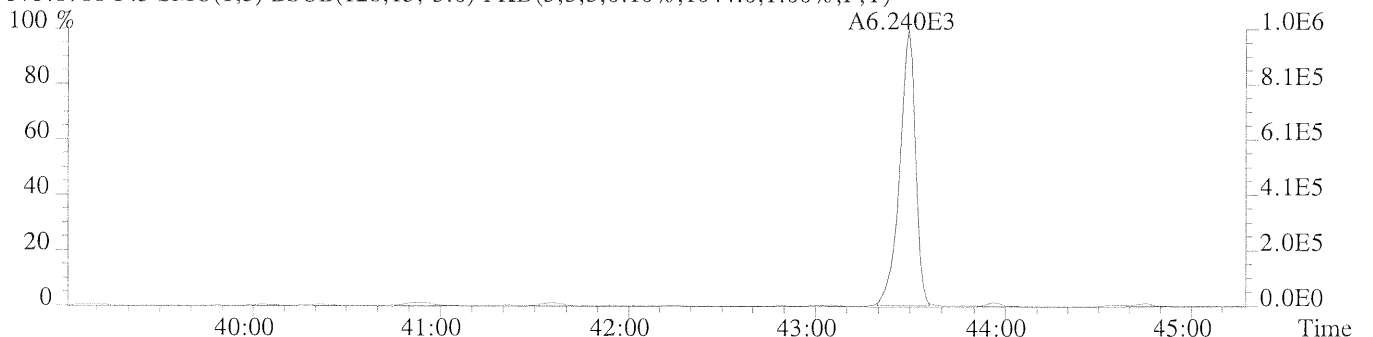
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,820.0,1.00%,F,T)



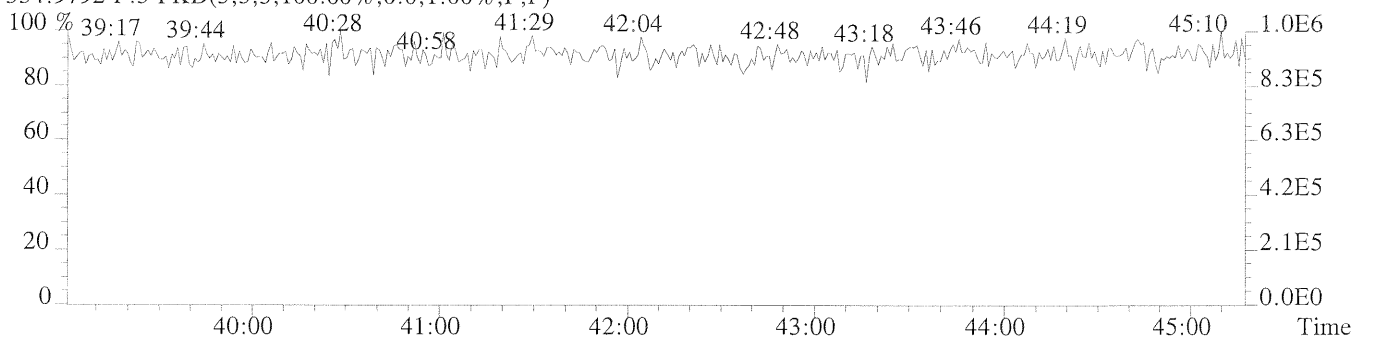
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,724.0,1.00%,F,T)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1044.0,1.00%,F,T)



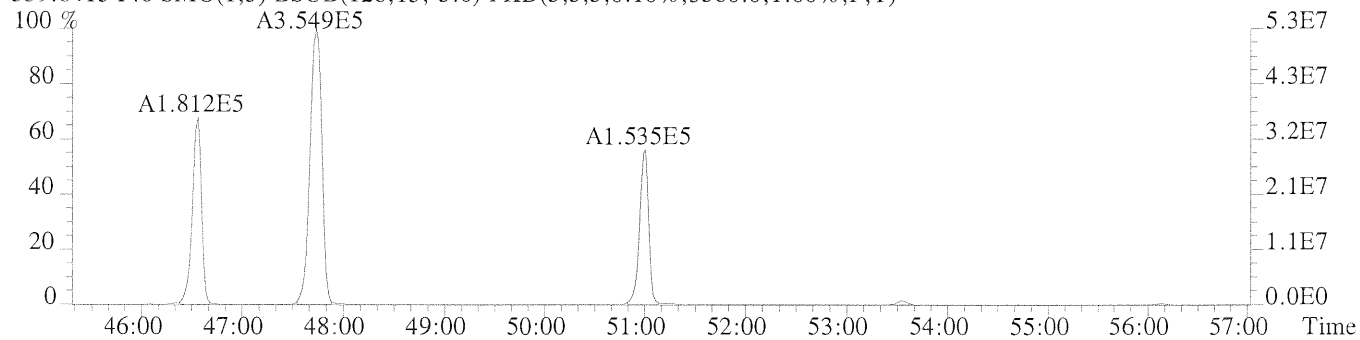
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



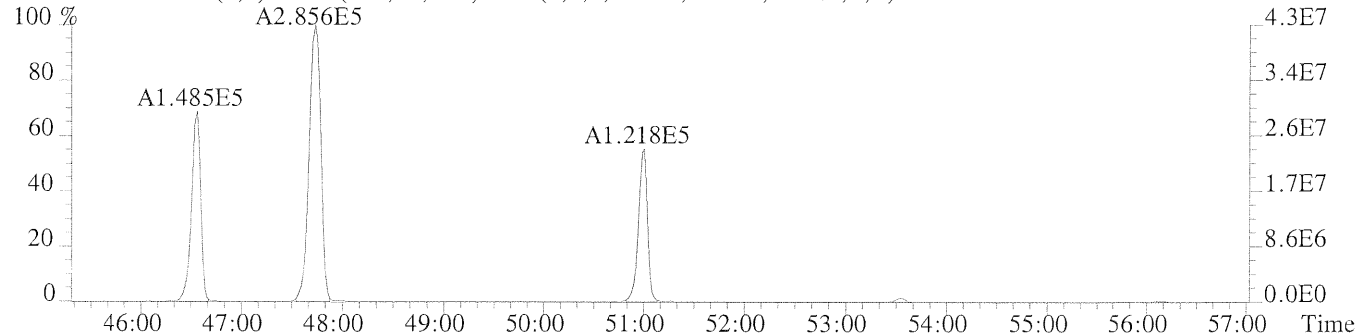
File:U221020 #1-581 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS5

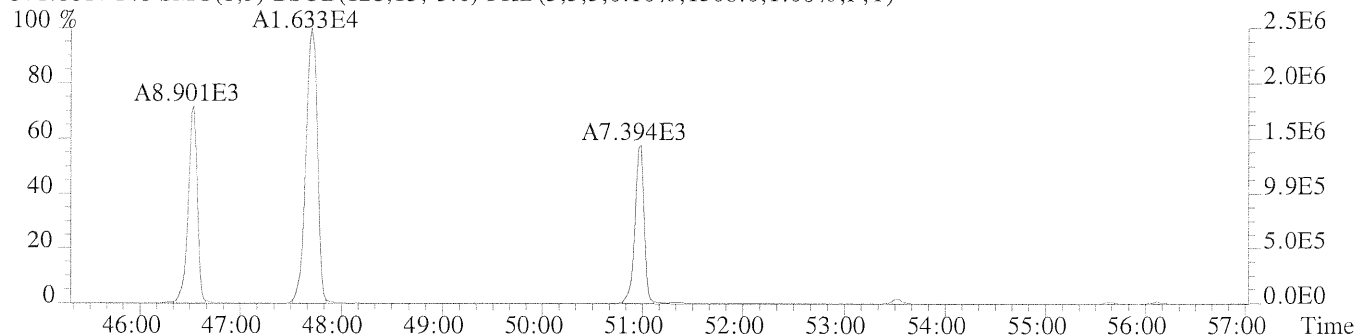
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3380.0,1.00%,F,T)



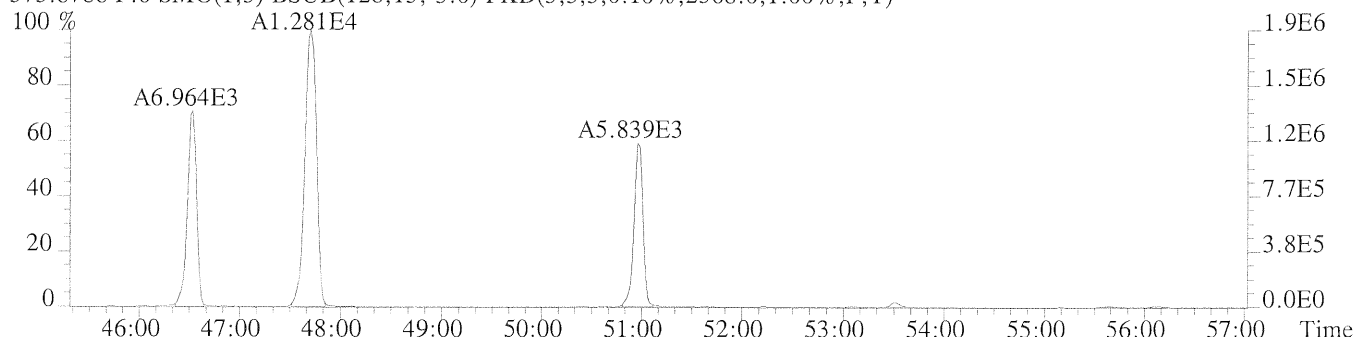
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2192.0,1.00%,F,T)



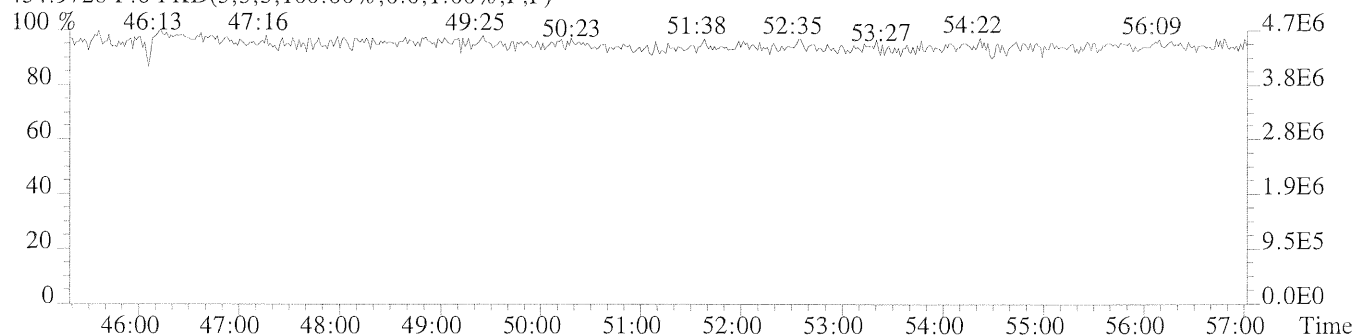
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1308.0,1.00%,F,T)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2368.0,1.00%,F,T)

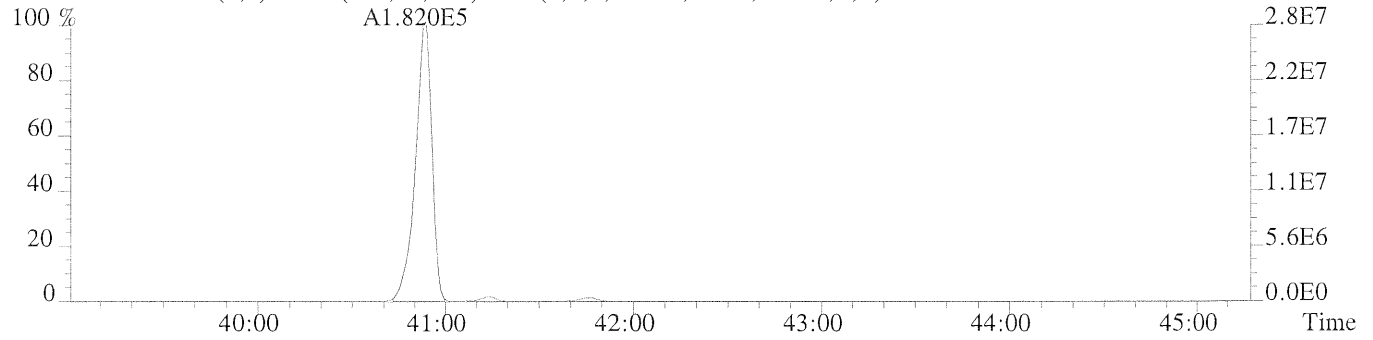


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

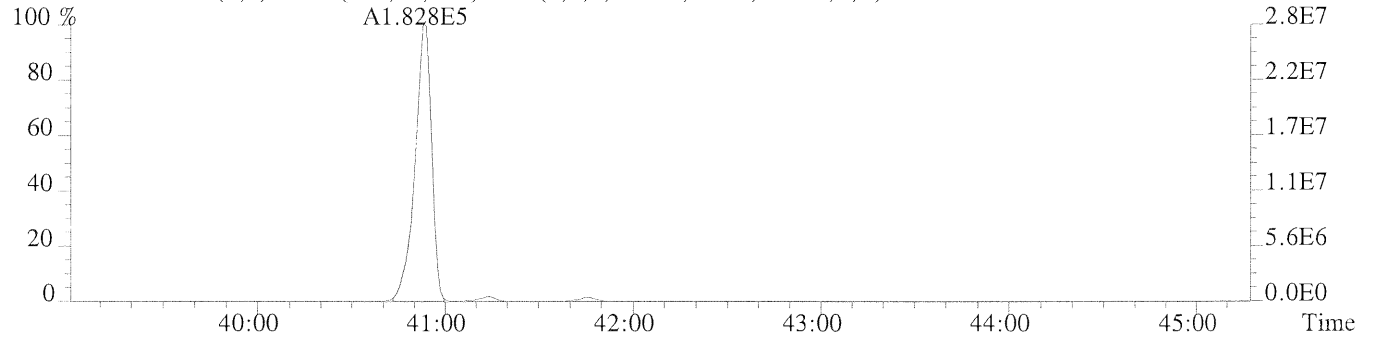


File:U221020 #1-402 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS5

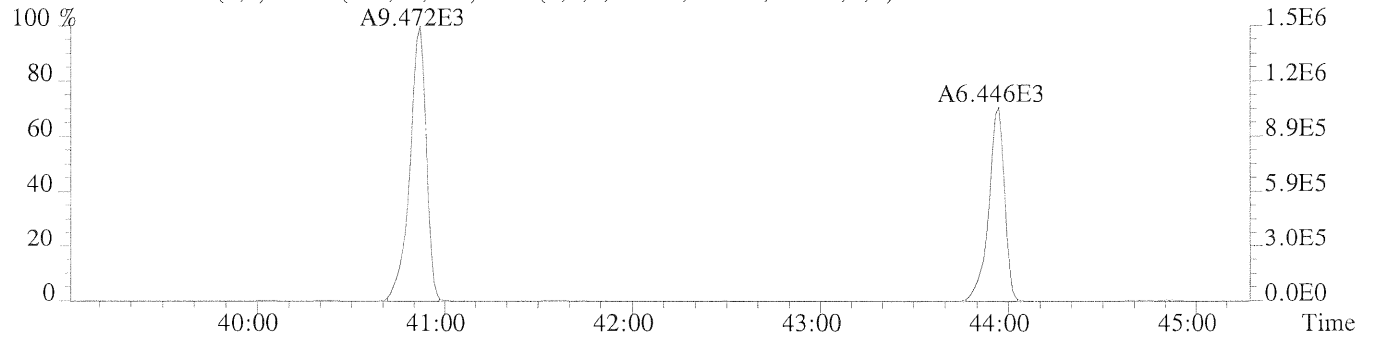
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,864.0,1.00%,F,T)



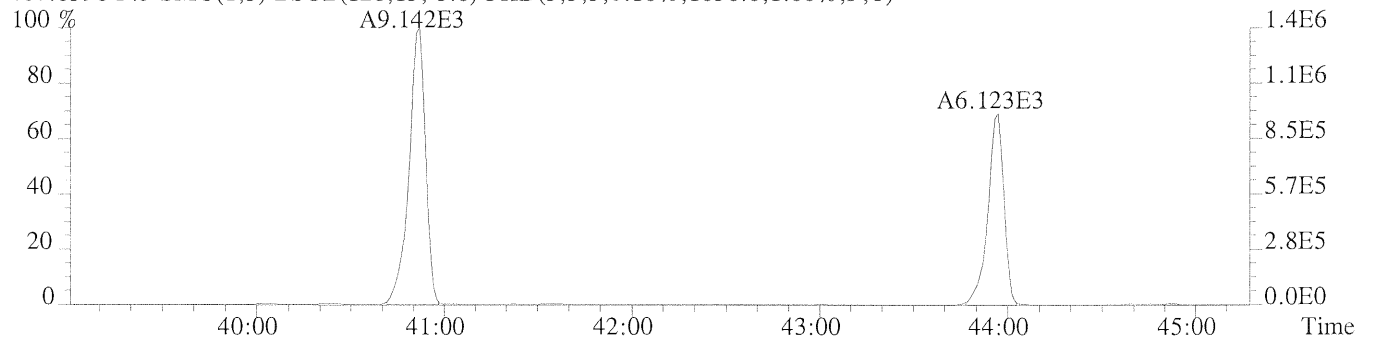
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,852.0,1.00%,F,T)



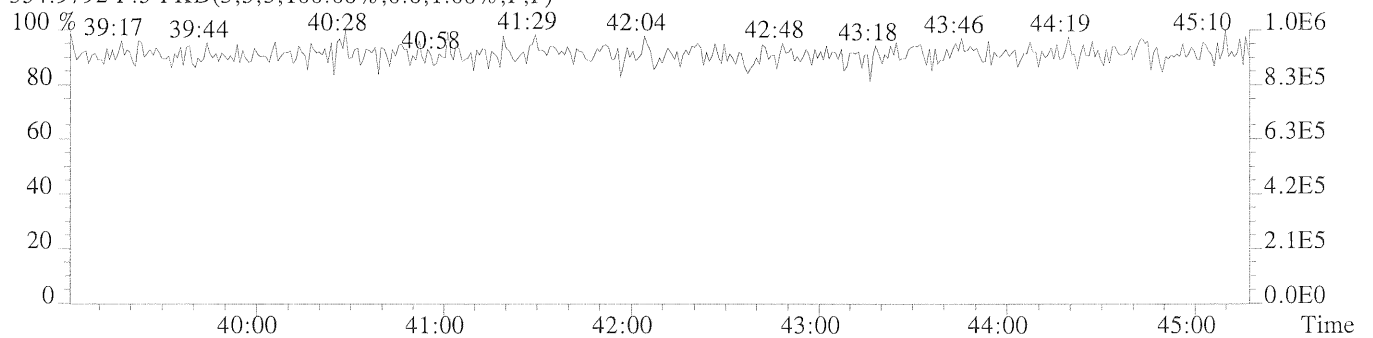
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1088.0,1.00%,F,T)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1036.0,1.00%,F,T)



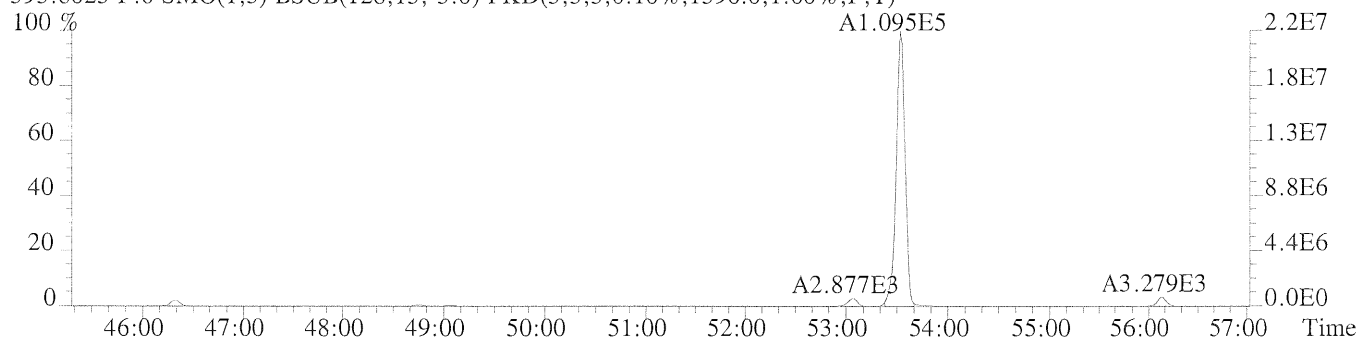
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



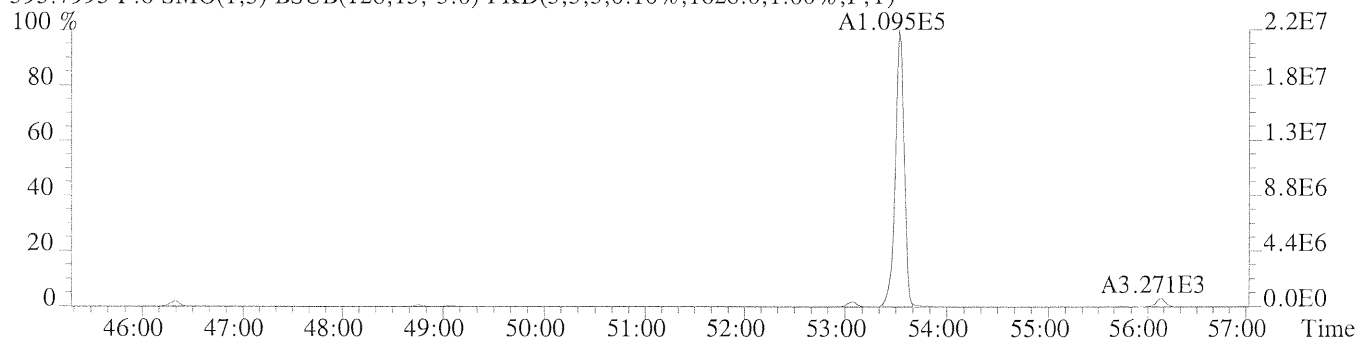
File:U221020 #1-581 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS5

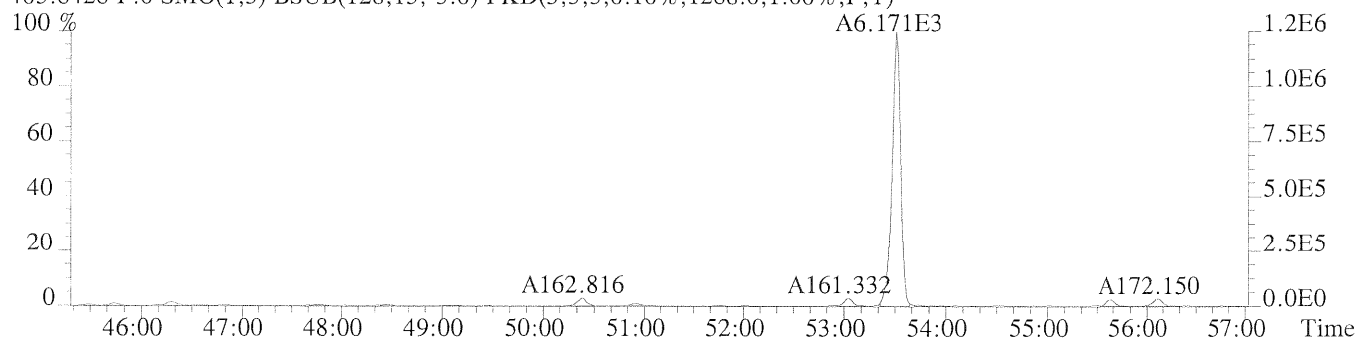
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1596.0,1.00%,F,T)



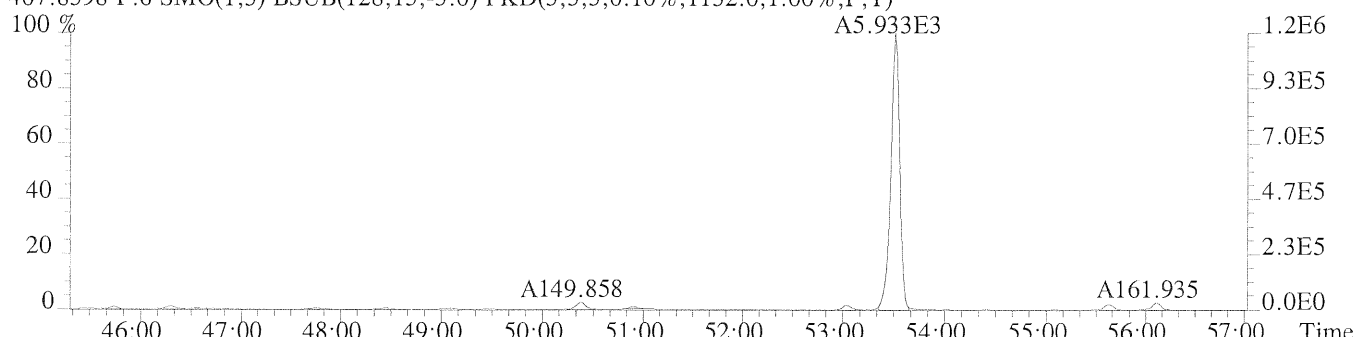
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1628.0,1.00%,F,T)



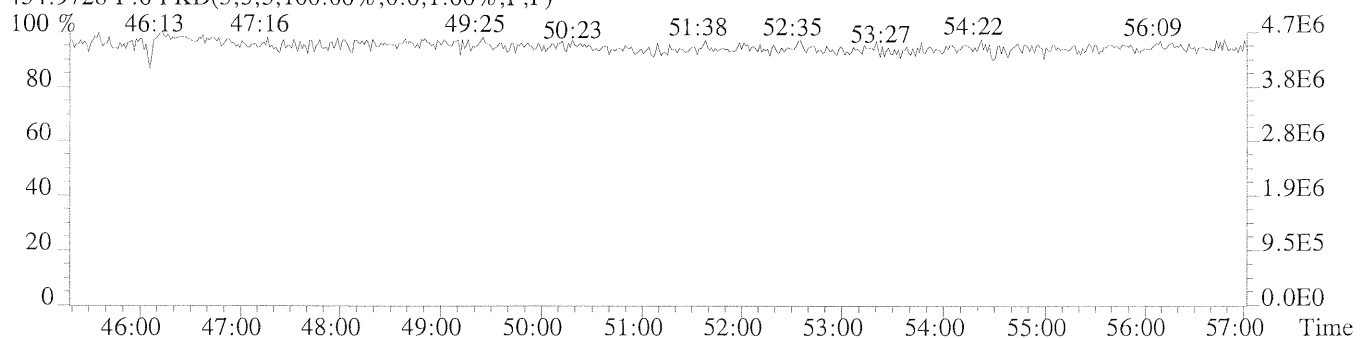
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1288.0,1.00%,F,T)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1132.0,1.00%,F,T)



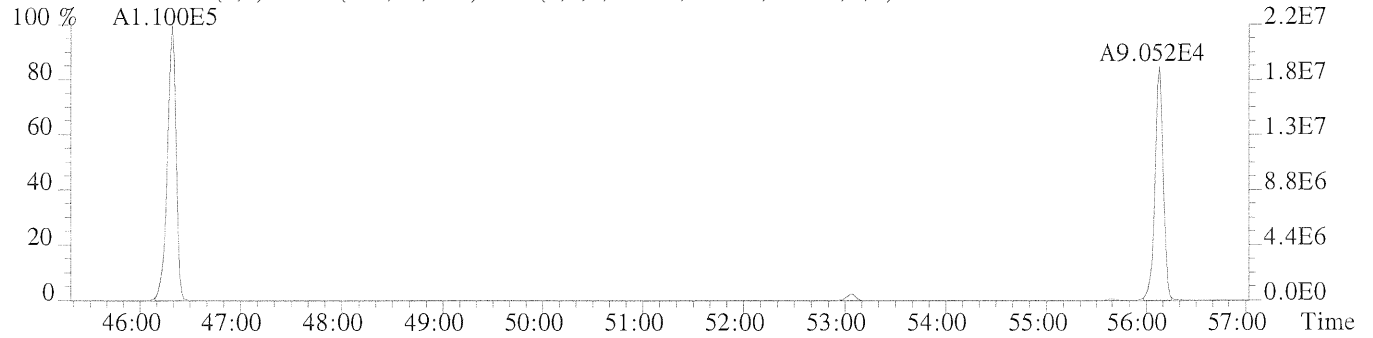
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



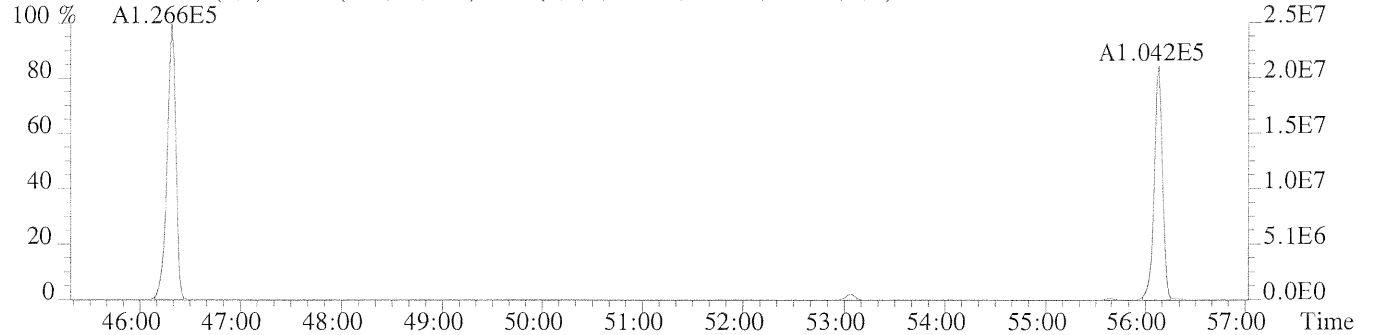
File:U221020 #1-581 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS5

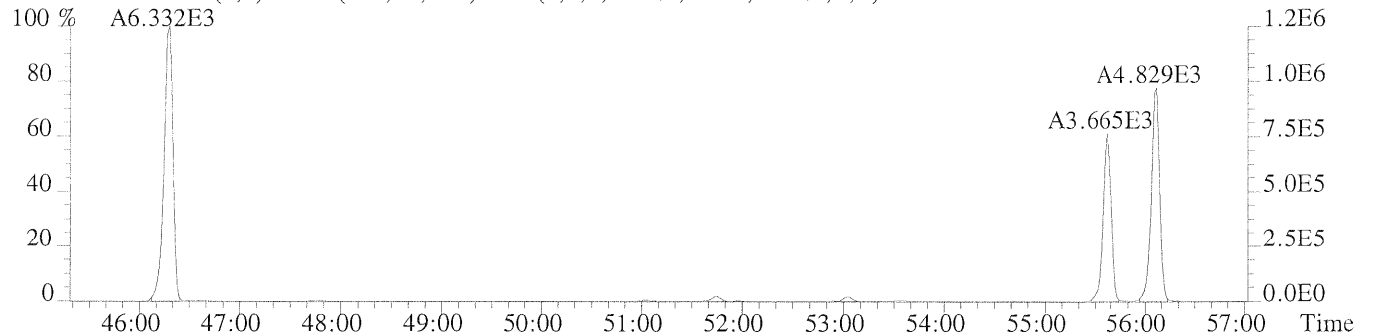
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2008.0,1.00%,F,T)



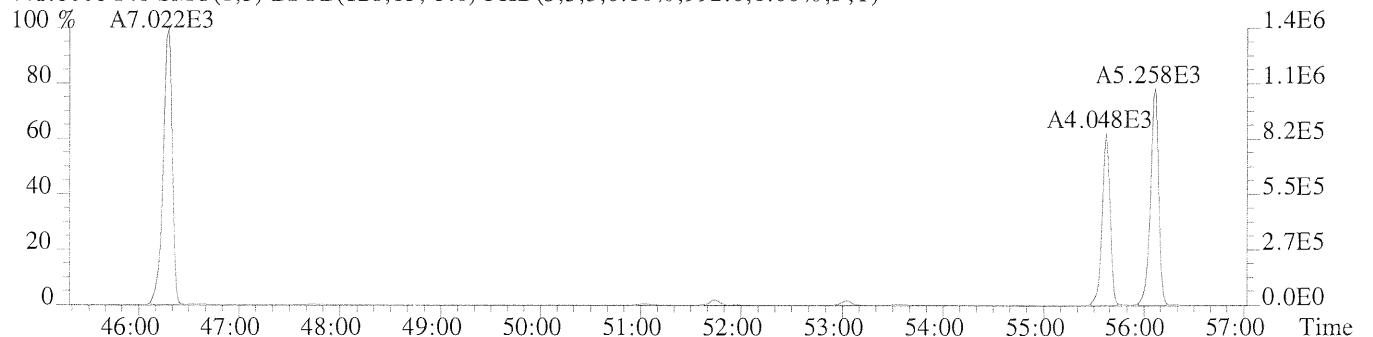
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3116.0,1.00%,F,T)



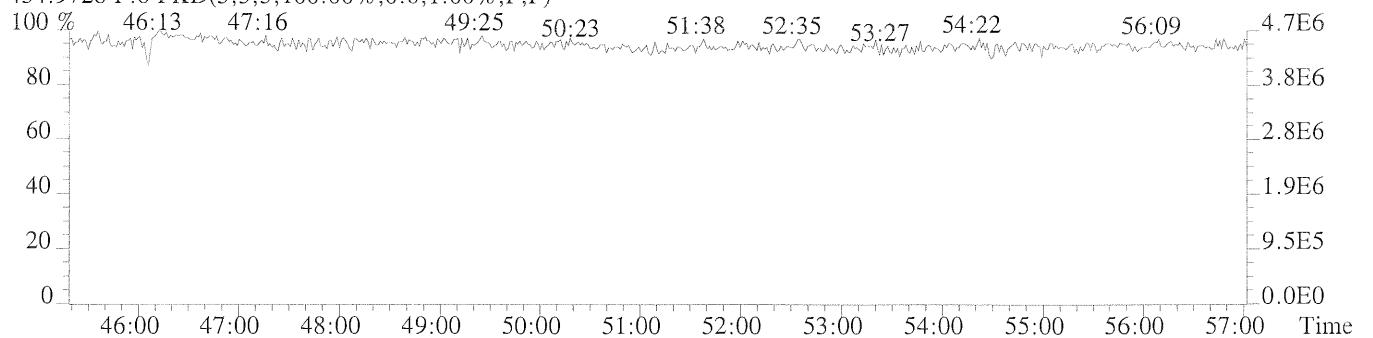
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,744.0,1.00%,F,T)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,992.0,1.00%,F,T)



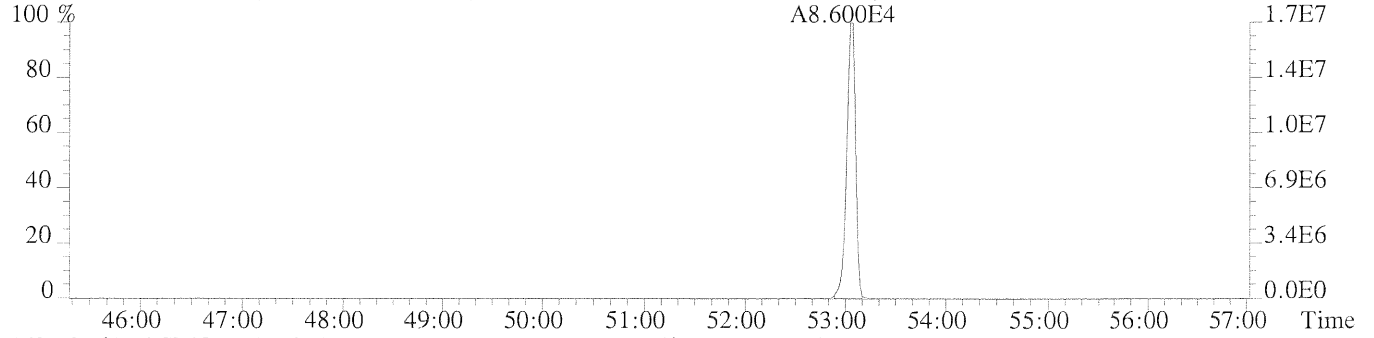
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



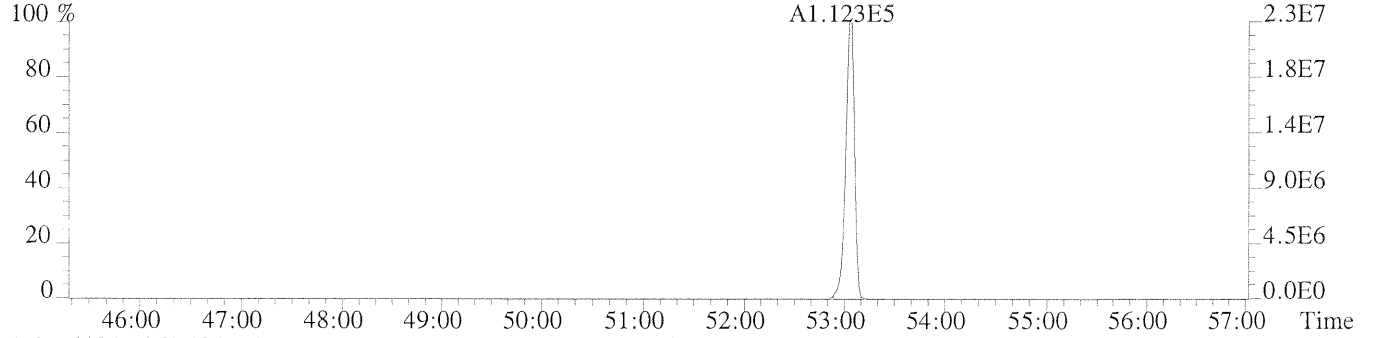
File:U221020 #1-581 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf

Sample#1 Exp:ICAL CS5

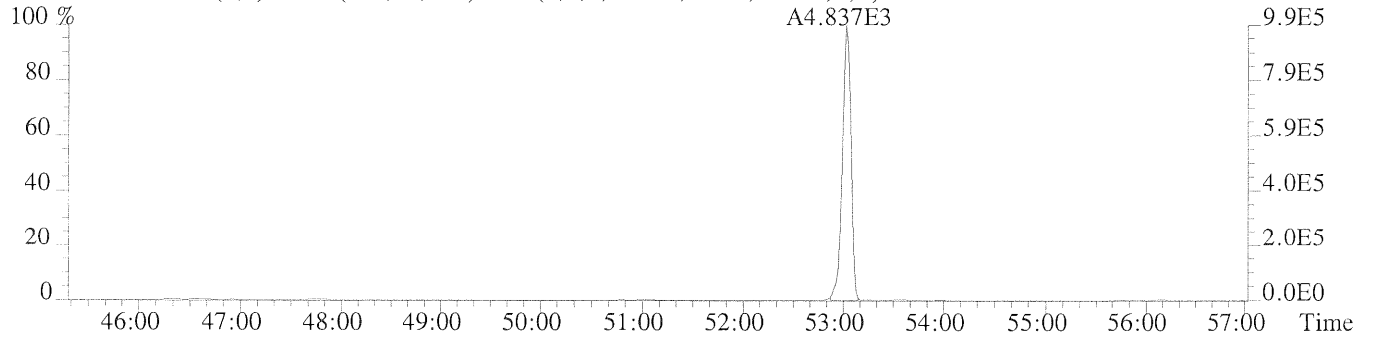
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,996.0,1.00%,F,T)



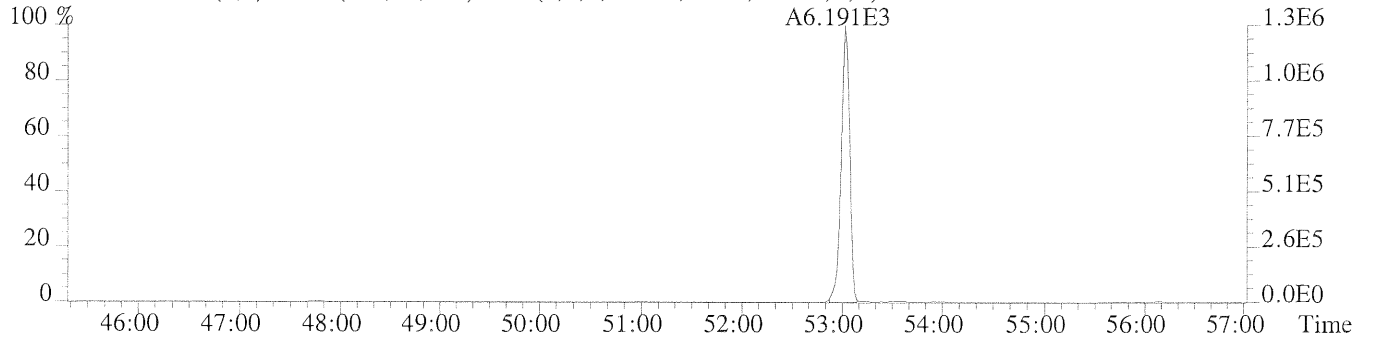
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,576.0,1.00%,F,T)



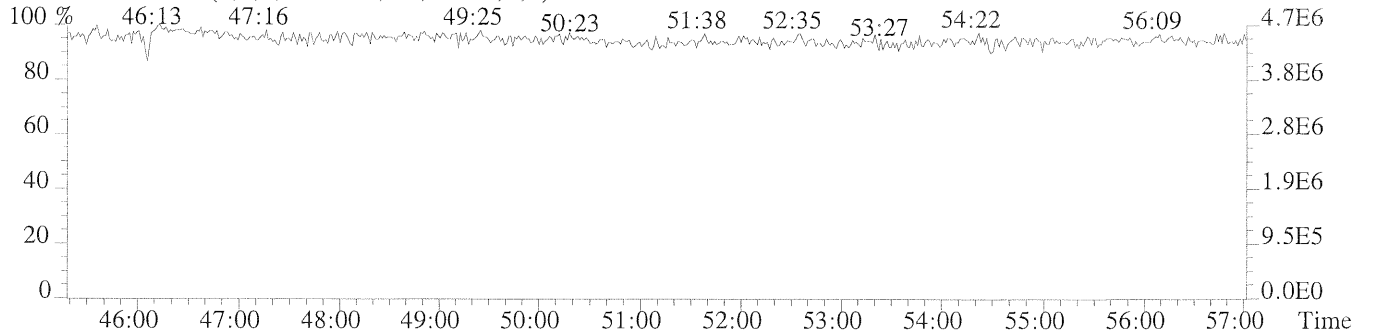
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,772.0,1.00%,F,T)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,724.0,1.00%,F,T)

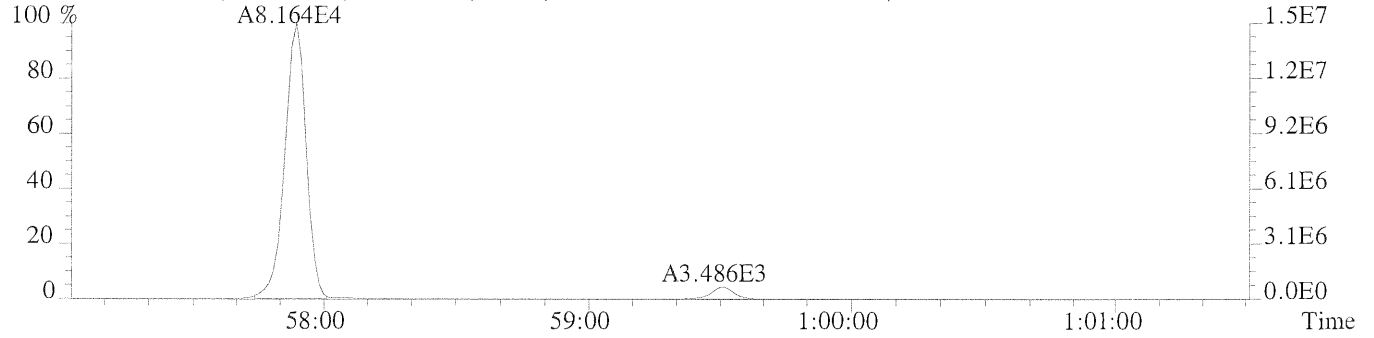


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

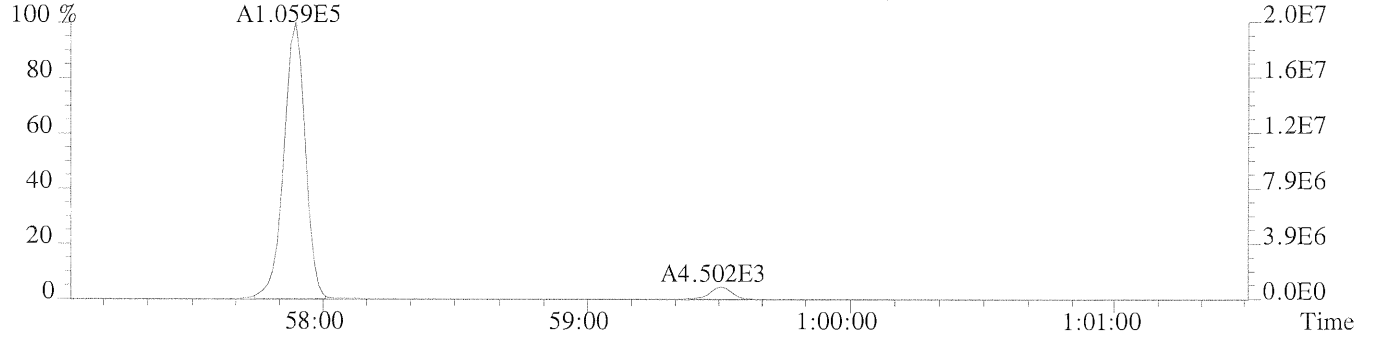


File:U221020 #1-253 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS5

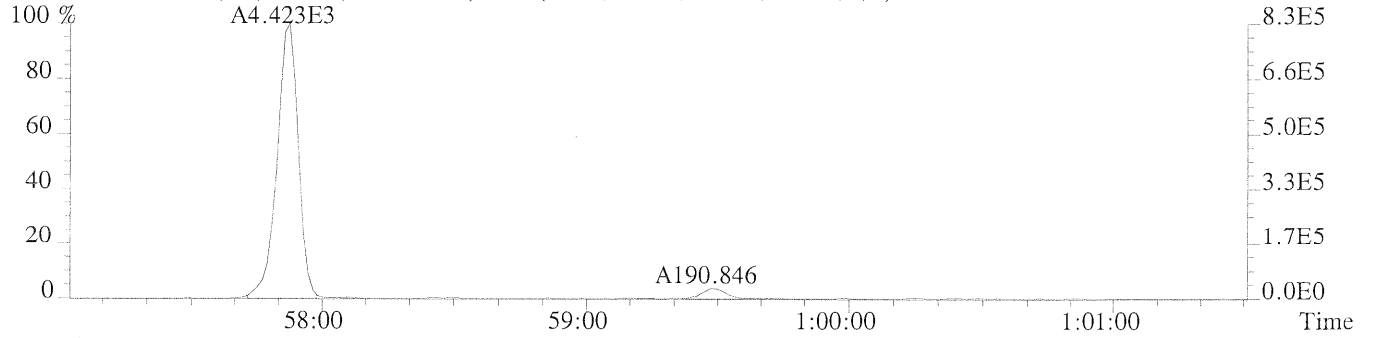
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1788.0,1.00%,F,T)



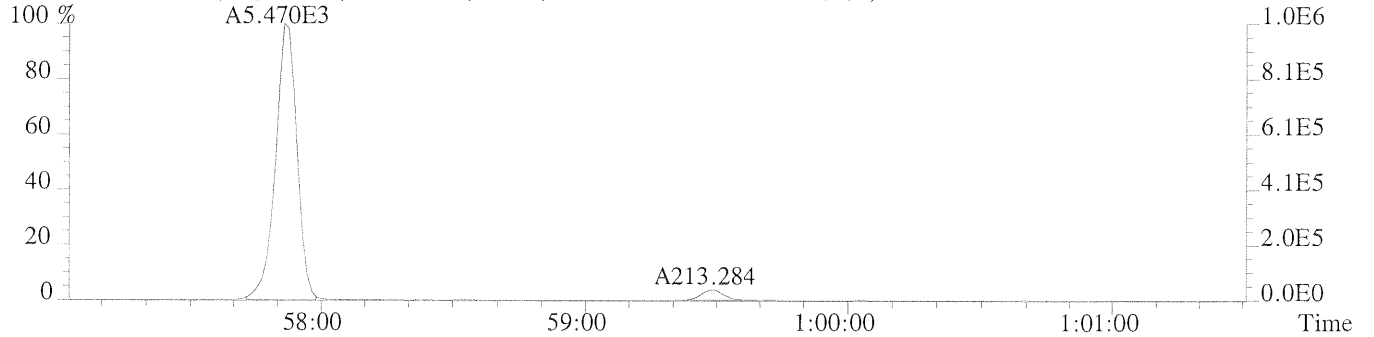
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3228.0,1.00%,F,T)



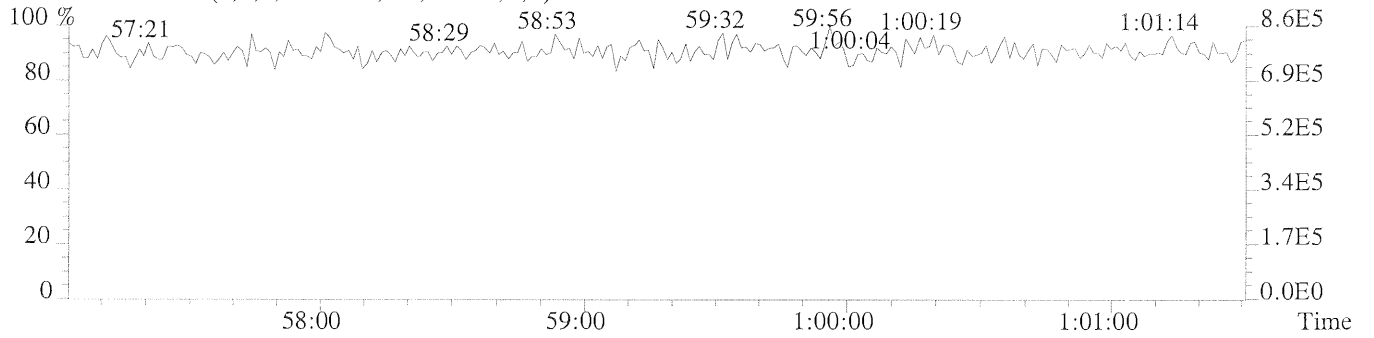
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1000.0,1.00%,F,T)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,948.0,1.00%,F,T)

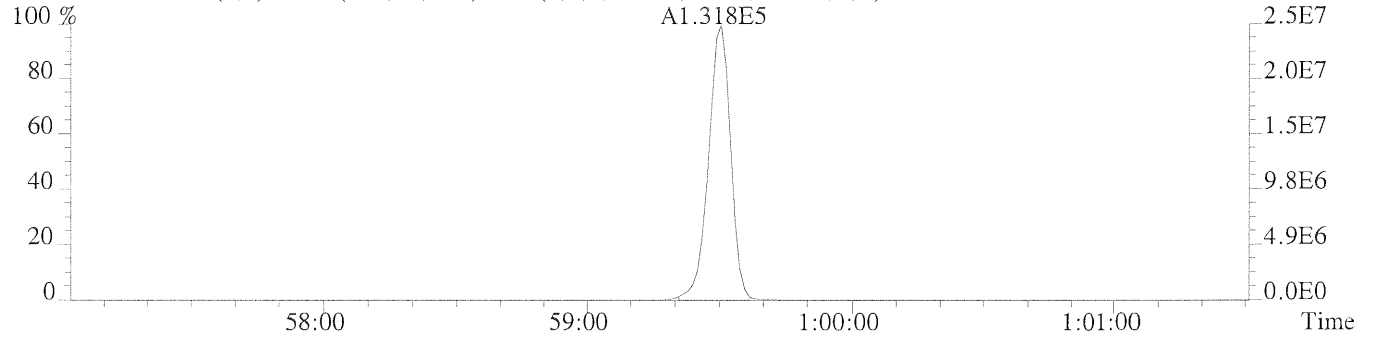


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

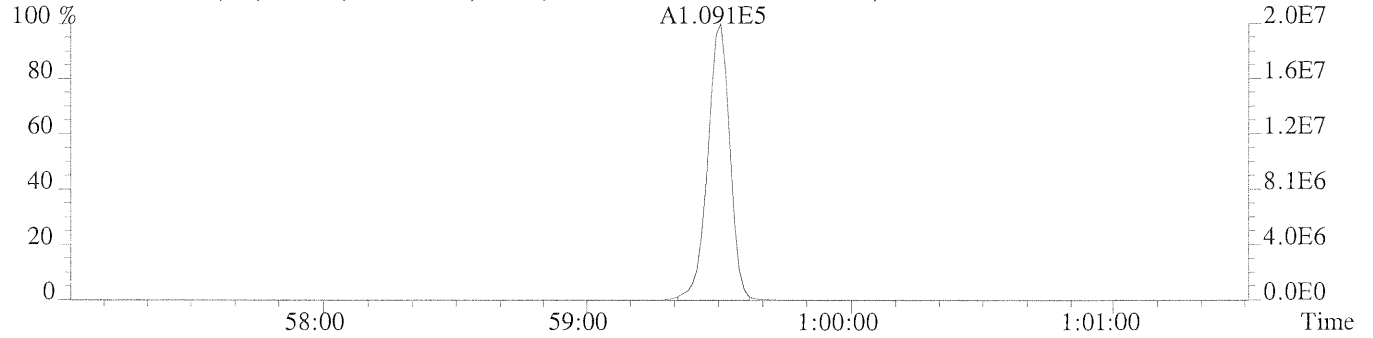


File:U221020 #1-253 Acq:19-OCT-2009 17:18:15 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:ICAL CS5

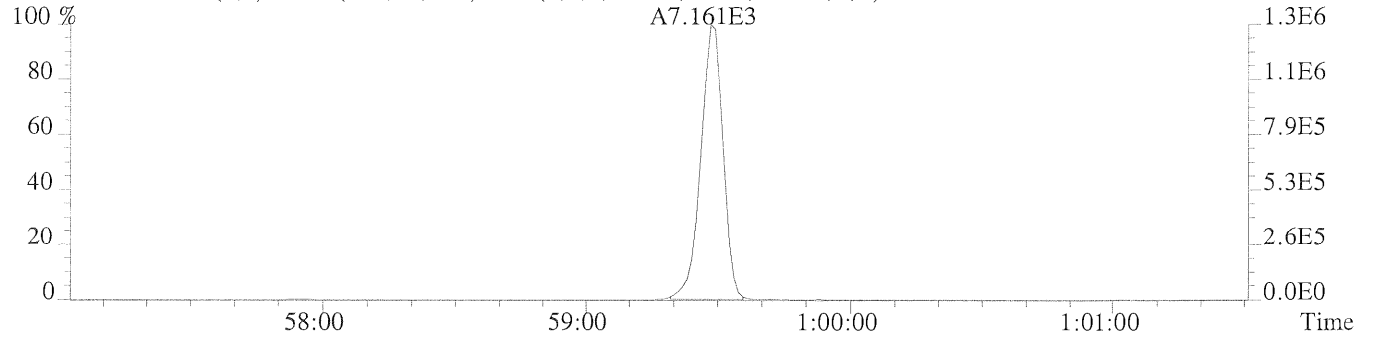
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,728.0,1.00%,F,T)



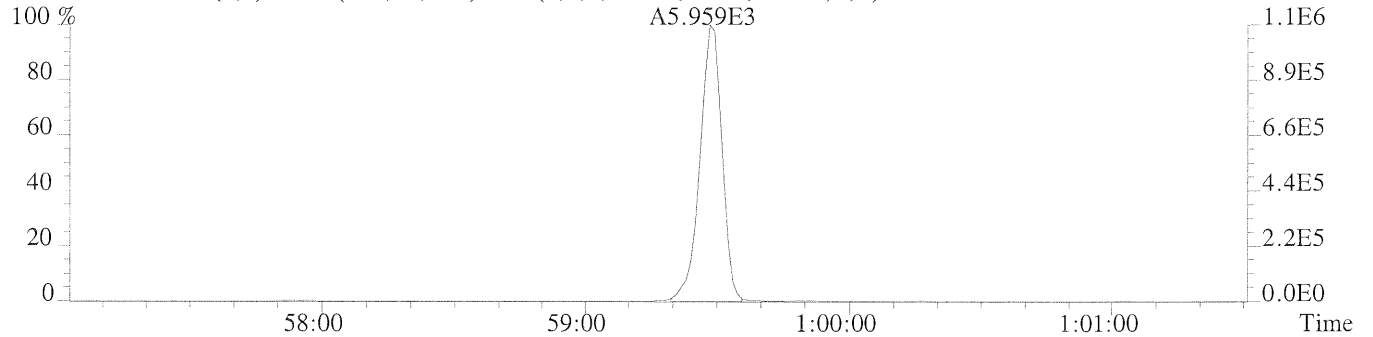
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,984.0,1.00%,F,T)



509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,688.0,1.00%,F,T)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,676.0,1.00%,F,T)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

